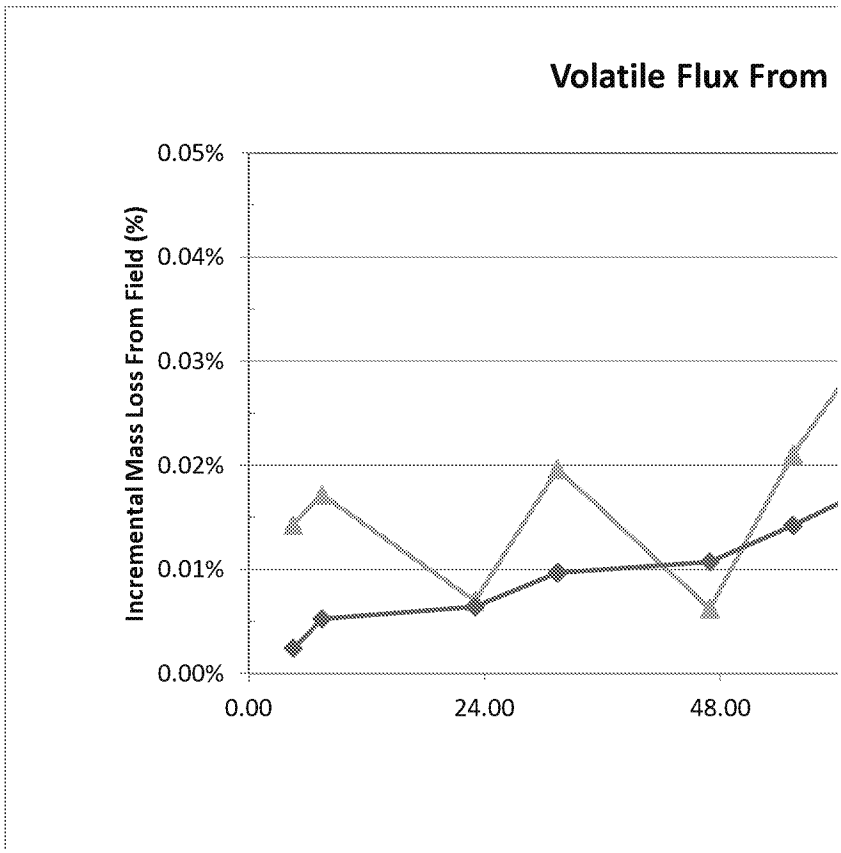
Chemical:
MRID:
PC Code:
Plot:
Guideline:

Application Rate (lbs. a.i./A)
Area of the field (acres)

Period
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Dicamba DGA and S-metolachlor
50958202
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

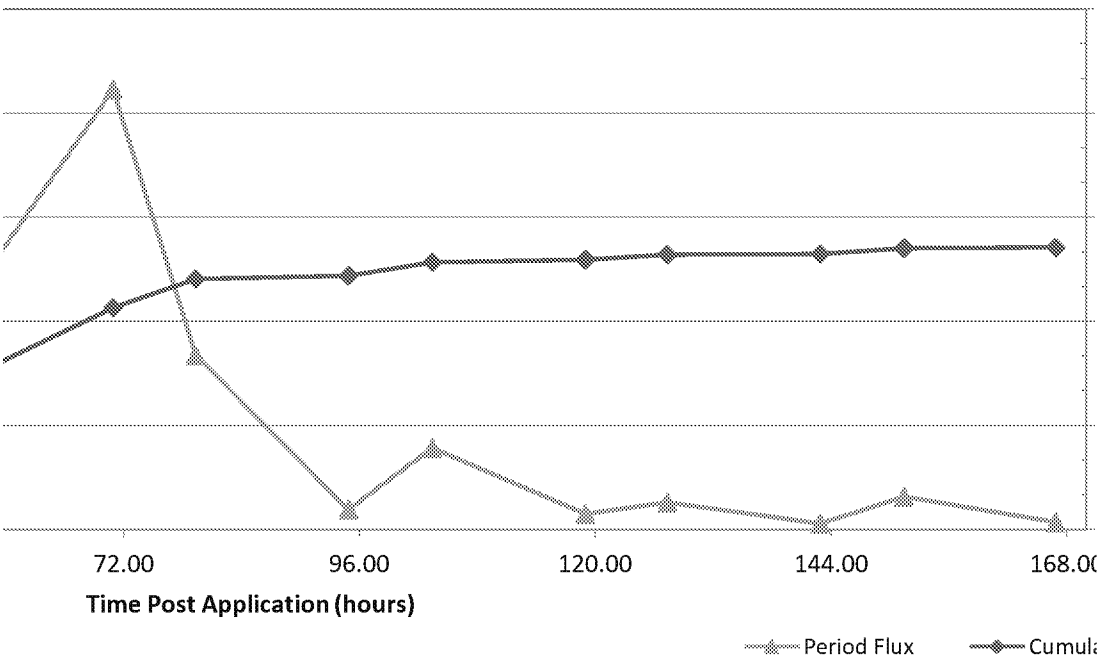
	0.5
	18.2
Date/Time	Sampling Period (hrs.)
9/9, 10:07 - 14:10	4.05
9/9, 14:13 - 17:07	2.90
9/9-10, 17:09 - 8:39	15.50
9/10, 8:42 - 17:02	8.33
9/10-11, 17:05 - 8:35	15.50
9/11, 8:37 - 17:01	8.40
9/11-12, 17:05 - 8:34	15.48
9/12, 8:35 - 16:57	8.37
9/12-13, 17:01 - 8:33	15.53
9/13, 8:36 - 17:03	8.45
9/13-14, 17:06 - 8:38	15.53
9/14, 8:40 - 16:57	8.28
9/14-15, 17:01 - 8:32	15.52
9/15, 8:34 - 17:03	8.48
9/15-16, 17:06 - 8:32	15.43



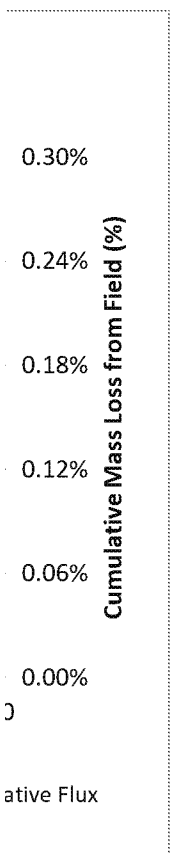
Area of the field from p. 12 of the study report.

Time Post Application (hrs.)	Flux ($\mu g/m^2 \cdot s$)	Period fraction of applied
4.53	0.000550	0.00014
7.48	0.000921	0.00017
23.02	0.000070	0.00007
31.40	0.000367	0.00020
46.95	0.000063	0.00006
55.38	0.000390	0.00021
70.93	0.000425	0.00042
79.32	0.000311	0.00017
94.92	0.000019	0.00002
103.42	0.000144	0.00008
119.00	0.000015	0.00001
127.32	0.000049	0.00003
142.90	0.000006	0.00001
151.42	0.000058	0.00003
166.90	0.000007	0.00001

Soybean Plot for Dicamba



Cumulative fraction of applied
0.00014
0.00031
0.00038
0.00058
0.00064
0.00085
0.00128
0.00144
0.00146
0.00154
0.00156
0.00158
0.00159
0.00162
0.00163



Date and time from Appendix III, Table 4, p. 468 of the study report.
Sampling period and time post application calculated in accompanying spreadsheet 128931_50958202_DER-FATE_835.

Chemical:	Dicamba DGA and S-metolachlor	Raw Air Conc.		
MRID:	50958202			Applicable for specific sampling methods
PC Code:	128931 (Dicamba DGA) and 108800 (S-metolachlor)			
Plot:	Soybean			
Guideline:	835.8100			
	DICAMBA CONCENTRATION IN AIR TUBES (µg/m^3)			
Time Period Following Application	**Sample ID and Height of Measurement (m)**	**Measured Concentration (ng)**	**Sample ID (Back-Half)**	**Measured Concentration (Back-Half) (µg)**
0 - 6	0.45 m	17.600	NA	0.000
	0.63 m	12.100	NA	0.000
	0.85 m	10.900	NA	0.000
	1.2 m	9.720	NA	0.000
	1.8 m	7.520	NA	0.000
	1.8 m	8.930	NA	0.000
6 - 12	0.45 m	14.200	NA	0.000
	0.63 m	12.600	NA	0.000
	0.85 m	11.800	NA	0.000
	1.2 m	7.670	NA	0.000
	1.8 m	7.470	NA	0.000
	1.8 m	7.810	NA	0.000
12 - 24	0.45 m	18.800	NA	0.000
	0.63 m	21.800	NA	0.000
	0.85 m	15.600	NA	0.000
	1.2 m	11.200	NA	0.000
	1.8 m	8.030	NA	0.000
	1.8 m	10.100	NA	0.000
24 - 36	0.45 m	20.000	NA	0.000
	0.63 m	11.100	NA	0.000
	0.85 m	10.900	NA	0.000
	1.2 m	11.400	NA	0.000
	1.8 m	7.310	NA	0.000
	1.8 m	10.300	NA	0.000
36 - 48	0.45 m	7.500	NA	0.000
	0.63 m	5.720	NA	0.000
	0.85 m	5.480	NA	0.000
	1.2 m	4.590	NA	0.000
	1.8 m	4.730	NA	0.000

				Raw Air Conc.			
Sample Collection Start Time (Local Time)	**Sample Collection Stop Time (Local Time)**	**Start Flow Rate (L/min)**	**End Flow Rate (L/min)**	**Sampling Duration (Minutes)**	**Measured Air Concentration ($\mu g/m^3$)**	**Measured Air Concentration (Back-Half) ($\mu g/m^3$)**	**Percent of Front-Half Concentration**
10:13	14:10	3.084	3.220	237	0.0236	0.0000	0.00%
10:12	14:10	2.966	3.104	238	0.0168	0.0000	0.00%
10:11	14:09	2.994	3.171	238	0.0149	0.0000	0.00%
10:09	14:08	3.002	3.221	239	0.0131	0.0000	0.00%
10:08	14:07	3.062	3.225	239	0.0100	0.0000	0.00%
10:07	14:06	3.003	3.163	239	0.0121	0.0000	0.00%
14:19	17:07	3.060	3.046	168	0.0277	0.0000	0.00%
14:18	17:06	3.088	3.092	168	0.0243	0.0000	0.00%
14:17	17:05	3.002	3.017	168	0.0233	0.0000	0.00%
14:15	17:05	3.039	3.083	170	0.0147	0.0000	0.00%
14:14	17:04	3.003	2.979	170	0.0147	0.0000	0.00%
14:12	17:03	2.937	2.913	171	0.0156	0.0000	0.00%
17:13	8:39	3.035	2.912	926	0.0068	0.0000	0.00%
17:12	8:39	3.045	2.887	927	0.0079	0.0000	0.00%
17:11	8:38	3.001	2.825	927	0.0058	0.0000	0.00%
17:10	8:37	3.074	2.819	927	0.0041	0.0000	0.00%
17:10	8:37	2.981	2.752	927	0.0030	0.0000	0.00%
17:09	8:36	2.920	2.712	927	0.0039	0.0000	0.00%
8:47	17:02	2.919	2.980	495	0.0137	0.0000	0.00%
8:47	17:01	2.905	3.012	494	0.0076	0.0000	0.00%
8:45	17:00	3.020	3.100	495	0.0072	0.0000	0.00%
8:44	17:00	2.939	3.108	496	0.0076	0.0000	0.00%
8:43	16:59	2.916	3.007	496	0.0050	0.0000	0.00%
8:42	16:58	2.970	3.081	496	0.0069	0.0000	0.00%
17:10	8:35	2.979	2.884	925	0.0028	0.0000	0.00%
17:09	8:34	3.007	2.878	925	0.0021	0.0000	0.00%
17:07	8:33	3.014	2.908	926	0.0020	0.0000	0.00%
17:07	8:33	3.017	2.822	926	0.0017	0.0000	0.00%
17:06	8:32	2.937	2.873	926	0.0018	0.0000	0.00%

Measured Air Concentration (Total) ($\mu g/m^3$)
0.0236
0.0168
0.0149
0.0131
0.0100
0.0121
0.0277
0.0243
0.0233
0.0147
0.0147
0.0156
0.0068
0.0079
0.0058
0.0041
0.0030
0.0039
0.0137
0.0076
0.0072
0.0076
0.0050
0.0069
0.0028
0.0021
0.0020
0.0017
0.0018

	1.8 m	0.450	NA	0.000
48 - 60	0.45 m	14.500	NA	0.000
	0.63 m	9.570	NA	0.000
	0.85 m	11.500	NA	0.000
	1.2 m	8.750	NA	0.000
	1.8 m	6.210	NA	0.000
	1.8 m	6.820	NA	0.000
60 - 72	0.45 m	8.390	NA	0.000
	0.63 m	6.400	NA	0.000
	0.85 m	5.690	NA	0.000
	1.2 m	29.300	NA	0.000
	1.8 m	5.300	NA	0.000
	1.8 m	8.030	NA	0.000
72 - 84	0.45 m	9.430	NA	0.000
	0.63 m	8.410	NA	0.000
	0.85 m	7.410	NA	0.000
	1.2 m	6.600	NA	0.000
	1.8 m	5.070	NA	0.000
	1.8 m	5.650	NA	0.000
84 - 96	0.45 m	9.870	NA	0.000
	0.63 m	7.790	NA	0.000
	0.85 m	6.930	NA	0.000
	1.2 m	4.750	NA	0.000
	1.8 m	3.070	NA	0.000
	1.8 m	3.010	NA	0.000
96 - 108	0.45 m	6.430	NA	0.000
	0.63 m	5.650	NA	0.000
	0.85 m	4.690	NA	0.000
	1.2 m	4.260	NA	0.000
	1.8 m	3.430	NA	0.000
	1.8 m	3.620	NA	0.000
108 - 120	0.45 m	4.120	NA	0.000
	0.63 m	3.890	NA	0.000
	0.85 m	3.150	NA	0.000
	1.2 m	2.110	NA	0.000
	1.8 m	1.610	NA	0.000
	1.8 m	1.510	NA	0.000
120 - 132	0.45 m	2.130	NA	0.000
	0.63 m	2.140	NA	0.000
	0.85 m	1.900	NA	0.000
	1.2 m	1.280	NA	0.000
	1.8 m	1.220	NA	0.000
	1.8 m	1.200	NA	0.000

17:05	8:32	3.080	2.943	927	0.0016	0.0000	0.00%
8:42	17:01	3.077	3.111	499	0.0094	0.0000	0.00%
8:41	17:00	2.939	3.133	499	0.0063	0.0000	0.00%
8:40	17:00	2.923	3.111	500	0.0076	0.0000	0.00%
8:39	16:59	2.992	3.222	500	0.0056	0.0000	0.00%
8:37	16:58	2.961	3.376	501	0.0039	0.0000	0.00%
8:37	16:57	2.953	3.152	500	0.0045	0.0000	0.00%
17:10	8:34	3.085	2.915	924	0.0030	0.0000	0.00%
17:09	8:33	3.007	2.833	924	0.0024	0.0000	0.00%
17:07	8:32	3.029	2.865	925	0.0021	0.0000	0.00%
17:07	8:32	2.955	2.718	925	0.0112	0.0000	0.00%
17:06	8:31	3.099	2.916	925	0.0019	0.0000	0.00%
17:04	8:30	3.035	2.883	926	0.0029	0.0000	0.00%
8:40	16:57	2.922	3.027	497	0.0064	0.0000	0.00%
8:39	16:57	2.960	3.160	498	0.0055	0.0000	0.00%
8:38	16:56	2.941	3.125	498	0.0049	0.0000	0.00%
8:37	16:55	2.997	3.255	498	0.0042	0.0000	0.00%
8:36	16:55	2.947	3.130	499	0.0033	0.0000	0.00%
8:35	16:54	2.917	3.133	499	0.0037	0.0000	0.00%
17:06	8:33	3.024	2.914	927	0.0036	0.0000	0.00%
17:05	8:32	3.079	2.883	927	0.0028	0.0000	0.00%
17:04	8:32	3.024	2.833	928	0.0025	0.0000	0.00%
17:03	8:31	3.054	2.831	928	0.0017	0.0000	0.00%
17:02	8:30	3.022	2.811	928	0.0011	0.0000	0.00%
17:01	8:30	3.042	2.820	929	0.0011	0.0000	0.00%
8:40	17:03	2.920	3.048	503	0.0043	0.0000	0.00%
8:39	17:03	2.976	3.202	504	0.0036	0.0000	0.00%
8:38	17:02	2.971	3.142	504	0.0030	0.0000	0.00%
8:37	17:01	3.052	3.356	504	0.0026	0.0000	0.00%
8:36	17:01	2.915	3.129	505	0.0022	0.0000	0.00%
8:35	17:00	2.981	3.249	505	0.0023	0.0000	0.00%
17:12	8:38	3.032	2.893	926	0.0015	0.0000	0.00%
17:11	8:38	3.095	2.925	927	0.0014	0.0000	0.00%
17:10	8:37	3.052	2.896	927	0.0011	0.0000	0.00%
17:08	8:36	3.100	2.942	928	0.0008	0.0000	0.00%
17:07	8:36	2.944	2.777	929	0.0006	0.0000	0.00%
17:06	8:35	3.006	2.778	929	0.0006	0.0000	0.00%
8:45	16:57	2.900	3.060	492	0.0015	0.0000	0.00%
8:44	16:57	2.930	3.136	493	0.0014	0.0000	0.00%
8:43	16:56	2.901	3.127	493	0.0013	0.0000	0.00%
8:42	16:56	2.955	3.105	494	0.0009	0.0000	0.00%
8:41	16:55	2.944	3.158	494	0.0008	0.0000	0.00%
8:40	16:54	2.959	3.228	494	0.0008	0.0000	0.00%

Raw Air Conc.
0.0016
0.0094
0.0063
0.0076
0.0056
0.0039
0.0045
0.0030
0.0024
0.0021
0.0112
0.0019
0.0029
0.0064
0.0055
0.0049
0.0042
0.0033
0.0037
0.0036
0.0028
0.0025
0.0017
0.0011
0.0011
0.0043
0.0036
0.0030
0.0026
0.0022
0.0023
0.0015
0.0014
0.0011
0.0008
0.0006
0.0006
0.0015
0.0014
0.0013
0.0009
0.0008
0.0008

		Raw Air Conc.		
132 - 144	0.45 m	4.800	NA	0.000
	0.63 m	4.040	NA	0.000
	0.85 m	3.390	NA	0.000
	1.2 m	2.460	NA	0.000
	1.8 m	1.340	NA	0.000
	1.8 m	1.380	NA	0.000
144 - 156	0.45 m	4.710	NA	0.000
	0.63 m	4.750	NA	0.000
	0.85 m	3.420	NA	0.000
	1.2 m	2.870	NA	0.000
	1.8 m	2.320	NA	0.000
	1.8 m	2.560	NA	0.000
156 - 168	0.45 m	8.190	NA	0.000
	0.63 m	6.990	NA	0.000
	0.85 m	5.140	NA	0.000
	1.2 m	3.360	NA	0.000
	1.8 m	1.900	NA	0.000
	1.8 m	2.010	NA	0.000
Measured concentrations from Appendix II, Table 9, pp. 245-247 of the study report.				
Sample start times, end times, and flow rates from Appendix I, Appendix 6, pp. 144-155 of the study report.				

17:05	8:32	3.049	2.869	927	0.0017	0.0000	0.00%
17:04	8:32	3.033	2.767	928	0.0015	0.0000	0.00%
17:03	8:31	3.048	2.798	928	0.0012	0.0000	0.00%
17:02	8:31	3.100	2.827	929	0.0009	0.0000	0.00%
17:02	8:30	3.026	2.785	928	0.0005	0.0000	0.00%
17:00	8:30	3.037	2.816	930	0.0005	0.0000	0.00%
8:39	17:03	2.915	3.092	504	0.0031	0.0000	0.00%
8:38	17:02	2.952	3.240	504	0.0030	0.0000	0.00%
8:37	17:02	2.908	3.160	505	0.0022	0.0000	0.00%
8:36	17:01	2.917	3.213	505	0.0019	0.0000	0.00%
8:35	17:01	2.956	3.289	506	0.0015	0.0000	0.00%
8:34	17:00	2.914	3.245	506	0.0016	0.0000	0.00%
17:11	8:32	3.085	2.854	921	0.0030	0.0000	0.00%
17:10	8:31	3.025	2.761	921	0.0026	0.0000	0.00%
17:10	8:31	2.950	2.714	921	0.0020	0.0000	0.00%
17:09	8:31	2.976	2.702	922	0.0013	0.0000	0.00%
17:07	8:30	3.042	2.740	923	0.0007	0.0000	0.00%
17:06	8:30	3.065	2.750	924	0.0007	0.0000	0.00%

Raw Air Conc.

Raw Air Conc.
0.0017
0.0015
0.0012
0.0009
0.0005
0.0005
0.0031
0.0030
0.0022
0.0019
0.0015
0.0016
0.0030
0.0026
0.0020
0.0013
0.0007
0.0007

Chemical:	Dicamba DGA and S-m
MRID:	50958202
PC Code:	128931 (Dicamba DGA
Plot:	Soybean
Guideline:	835.8100

Plot Soybean	
Sample Periods	
Day	6
Hours	
DTG	
Fortification Level (µg)	**Perc**
0	NA
0.003	104%
0.01	98%
0.03	101%

NA indicate not applicable.
Data from Appendix II, Table 11, p. 252 of the study report.

PUF Sample Results (ng/PUF; Appendix II, Table 11, p. 252 of the study report).

0	<LOD
0.003	3.11
0.01	9.8
0.03	30.4

Reviewer calculated percent recoveries.

0	NA
0.003	104%
0.01	98%
0.03	101%

ıetolachlor

.) and 108800 (S-metolachlor)

6	6	12	12	12
ent Recovery (%)				
NA	NA	NA	NA	NA
106%	99%	93%	90%	98%
104%	99%	101%	97%	99%
107%	113%	103%	100%	104%

<LOD	<LOD	<LOD	<LOD	<LOD
3.19	2.96	2.78	2.69	2.94
10.4	9.89	10.1	9.75	9.91
32.2	33.9	30.9	30.1	31.1

NA	NA	NA	NA	NA
106%	99%	93%	90%	98%
104%	99%	101%	98%	99%
107%	113%	103%	100%	104%

Chemical: Dicamba DGA and S-metolachlor
MRID: 50958202
PC Code: 128931 (Dicamba DGA) and 108800 (S-metolac
Plot: Soybean
Guideline: 835.8100

Field Dimensions	
Length (m)	256.0
Width (m)	287.7
Offset Angle from Due North (degrees)	4.6

Sampler Heights (m)

Julian Date	Local Time (0000 - 2300)	Temperature (°C)	Wind Speed (m/s)
9/9/2019	00:00	17.94	0.117
9/9/2019	00:01	17.95	0.141
9/9/2019	00:02	17.92	0.148
9/9/2019	00:03	17.92	0.108
9/9/2019	00:04	17.96	0.093
9/9/2019	00:05	17.98	0.027
9/9/2019	00:06	17.99	0.033
9/9/2019	00:07	18	0.059
9/9/2019	00:08	18.07	0.08
9/9/2019	00:09	18.13	0.077
9/9/2019	00:10	18.19	0.078
9/9/2019	00:11	18.22	0.1
9/9/2019	00:12	18.26	0.072
9/9/2019	00:13	18.21	0.067
9/9/2019	00:14	18.18	0.059
9/9/2019	00:15	18.14	0.079
9/9/2019	00:16	18.12	0.113
9/9/2019	00:17	18.09	0.092
9/9/2019	00:18	18.09	0.061
9/9/2019	00:19	18.08	0.037
9/9/2019	00:20	18.08	0.093
9/9/2019	00:21	18.07	0.15
9/9/2019	00:22	18.07	0.106
9/9/2019	00:23	18.08	0.083
9/9/2019	00:24	18.14	0.107
9/9/2019	00:25	18.18	0.136
9/9/2019	00:26	18.18	0.086
9/9/2019	00:27	18.12	0.073
9/9/2019	00:28	18.07	0.106
9/9/2019	00:29	18.01	0.117
9/9/2019	00:30	17.96	0.09
9/9/2019	00:31	17.93	0.049
9/9/2019	00:32	17.9	0.073
9/9/2019	00:33	17.89	0.077
9/9/2019	00:34	17.92	0.097
9/9/2019	00:35	17.9	0.14

:hlor)

Assume fields oriented North-South along length of field!
Assume fields oriented East-West along width of field!

0.45			
Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)	Wind Speed (m/s)
98.9	144.2717056	19.61	0.294
102.3	145.1746105	19.6	0.289
124.9	166.6276829	19.59	0.197
113.3	151.8834871	19.58	0.175
146.1	163.5761126	19.57	0.194
169.3	132.7199372	19.56	0.133
163.5	137.2158368	19.54	0.109
208.6	140.1309578	19.52	0.174
226.1	170.9259926	19.49	0.229
242.3	170.2024087	19.47	0.221
226.6	172.2625195	19.46	0.243
238	179.2008824	19.44	0.278
229.3	180.1014276	19.44	0.228
191.3	128.8962779	19.42	0.22
170.6	131.9350344	19.41	0.203
47.21	173.93976	19.39	0.101
66.51	163.0742718	19.37	0.09
27.9	139.3832047	19.36	0.114
108	147.8918251	19.36	0.08
162.9	137.780123	19.36	0.107
196.9	131.0235708	19.36	0.203
205.4	136.9410396	19.36	0.279
215.4	149.0360615	19.35	0.27
228.5	177.6640101	19.34	0.273
229.5	180.726811	19.34	0.253
226.5	171.9924951	19.34	0.268
205.9	137.4017445	19.33	0.25
188.9	128.3773651	19.32	0.24
191.7	129.00522	19.3	0.199
196.3	130.7322487	19.28	0.253
206.2	137.6847037	19.26	0.243
184.4	128.0167799	19.23	0.191
186.2	128.065931	19.21	0.217
190.6	128.7211479	19.19	0.222
197.9	131.5441627	19.16	0.288
200.2	132.9121422	19.14	0.382

Length and width from Appendix I, p. 86.
Offset angle from Appendix III, p. 462 of the study report.

0.63			0
Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)	Wind Speed (m/s)
	INSERT 1-MINUTE RAW METEOROLOGICAL DATA BELOW ACCO		
249.8	158.4811294	19.78	0.355
246.8	162.6370044	19.76	0.338
263.9	146.4112828	19.74	0.358
266.1	145.4633897	19.72	0.293
288.4	148.1418203	19.71	0.244
302.9	163.3950032	19.7	0.197
338.2	142.9209771	19.69	0.146
352.4	130.9739291	19.69	0.198
4.021	128.0225368	19.68	0.267
22.51	134.5354895	19.67	0.292
19.58	132.5195288	19.67	0.339
26.33	137.8088565	19.67	0.377
24.77	136.3796611	19.69	0.319
11.13	128.8519338	19.68	0.297
4.758	128.0164867	19.68	0.278
40.21	157.4614194	19.67	0.121
225.2	168.6037636	19.64	0.088
193.1	129.4377621	19.62	0.111
235.9	184.3413566	19.6	0.076
3.553	128.0373768	19.6	0.075
346.3	134.8352272	19.6	0.222
357.6	128.9773778	19.61	0.256
6.977	128.126245	19.61	0.257
16.2	130.6852129	19.62	0.281
24.91	136.5025886	19.62	0.292
23.19	135.0630405	19.62	0.253
8.54	128.3192759	19.61	0.27
10.45	128.6861794	19.6	0.293
1.989	128.1490389	19.58	0.272
358.4	128.7691755	19.55	0.29
4.244	128.0184711	19.52	0.305
7.954	128.2356522	19.49	0.255
2.208	128.1276418	19.47	0.265
3.379	128.0450738	19.45	0.269
356.6	129.2740865	19.42	0.333
357.8	128.9229071	19.4	0.431

.85			1.2			
Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)
RDING TO SPECIFIED FORMAT:						
259.7	148.8712346	19.97	0.365	265.4	145.7403654	20.16
252.4	155.3841351	19.94	0.34	259.5	149.010542	20.13
268.7	144.6317408	19.91	0.332	268	144.8253918	20.09
271.4	144.0902707	19.9	0.39	274.5	143.8658191	20.09
284.3	145.9522103	19.89	0.363	287.5	147.5906108	20.12
299.5	158.6092822	19.89	0.315	298.8	157.7265948	20.14
331.8	152.2972712	19.89	0.262	310.6	177.8276612	20.14
344.4	136.4059155	19.89	0.317	324.3	167.8527808	20.13
3.225	128.0528722	19.9	0.391	351.3	131.5441627	20.14
17.7	131.436508	19.92	0.439	358.5	128.7449612	20.13
19.85	132.6883105	19.93	0.521	2.849	128.075804	20.14
26.38	137.8568562	19.97	0.548	9.28	128.4442423	20.19
27.12	138.5835658	19.99	0.52	14.95	130.1334496	20.23
18.2	131.7089882	19.98	0.449	10.83	128.7765181	20.23
14.81	130.075791	19.96	0.442	9.47	128.4798271	20.24
28.06	139.5515806	19.95	0.226	17.45	131.3044348	20.22
234.3	188.6345537	19.92	0.08	8.19	128.2677033	20.19
212.2	144.4543929	19.9	0.146	64.78	165.8217372	20.15
241.5	171.7349716	19.88	0.145	355.7	129.5761138	20.12
350.6	131.9350344	19.86	0.183	2.813	128.0782894	20.09
357.2	129.0911795	19.85	0.316	354.3	130.1127622	20.07
0.115	128.4092095	19.85	0.372	354.9	129.8727295	20.04
12.26	129.1686366	19.85	0.375	4.141	128.020108	20.01
24.15	135.8476394	19.85	0.424	15.91	130.5512472	19.99
25.8	137.3085186	19.85	0.374	20.73	133.2620164	19.97
25.69	137.2065985	19.83	0.422	19.33	132.3662495	19.95
15.3	130.2812262	19.81	0.382	6.948	128.1235695	19.92
18	131.5986579	19.79	0.376	8.18	128.2663007	19.88
5.104	128.020953	19.75	0.327	0.928	128.279353	19.84
4.106	128.0207583	19.72	0.399	359.4	128.5450401	19.8
10.02	128.5909231	19.69	0.443	3.746	128.0302215	19.77
11.28	128.8910004	19.66	0.356	3.615	128.0349197	19.76
8.28	128.2805037	19.64	0.386	3.179	128.0553812	19.74
7.35	128.1635949	19.62	0.351	2.113	128.1366929	19.72
0.934	128.2784916	19.61	0.453	355.3	129.7210908	19.7
3.2	128.0542255	19.6	0.596	354.9	129.8727295	19.68

1.8					
Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)	Average Fetch (m)	Fetch Requirement Satisfied?	Mean Solar Radiation (W/m^2)
0.548	285.1	146.3156694	148.7360209	Yes	
0.505	280.4	144.6058796	151.3624343	Yes	
0.521	281.4	144.8847909	149.4761778	Yes	
0.469	294.4	152.9052402	147.6416414	Yes	
0.433	312.8	192.5757179	159.5672944	Yes	
0.403	317.9	186.6616714	159.8224977	Yes	
0.351	330.4	154.7805667	153.0084626	Yes	
0.424	344.9	135.9745142	142.2676195	Yes	
0.537	1.001	128.268969	137.3629067	Yes	
0.62	8.18	128.2663007	138.6371336	Yes	
0.707	11.02	128.8238611	138.8740048	Yes	
0.73	18.63	131.9522785	143.0526232	Yes	
0.723	21.55	133.8296211	143.8055451	Yes	
0.699	20.08	132.8347564	130.2136949	Yes	
0.631	18.3	131.7648252	130.0543929	Yes	
0.393	22.24	134.3323978	147.3179185	Yes	
0.242	24.22	135.9067023	156.8973989	Yes	
0.124	44.34	166.4808246	149.1155843	Yes	
0.176	31.41	143.4341512	155.3956836	Yes	
0.262	13.93	129.7322322	131.1126112	Yes	
0.409	11.27	128.8883678	130.7902215	Yes	
0.38	6.499	128.0863457	130.4573404	Yes	
0.425	18.6	131.9350344	133.2572171	Yes	
0.467	24.13	135.830811	142.1157841	Yes	
0.502	30.36	142.141701	145.9883271	Yes	
0.529	29.89	141.5860105	143.6428788	Yes	
0.494	25.99	137.4861144	132.3223861	Yes	
0.506	25.03	136.6087813	130.7074569	Yes	
0.495	21	133.4453614	129.3799852	Yes	
0.551	20.84	133.3362943	129.8807034	Yes	
0.61	23.08	134.9761309	131.4600901	Yes	
0.541	24.62	136.2491004	129.8854905	Yes	
0.551	20.32	132.9902019	129.1039319	Yes	
0.485	19.12	132.2397123	129.0612444	Yes	
0.587	12.77	129.3285848	129.6292833	Yes	
0.709	12.4	129.2114853	129.7946979	Yes	

Standard Deviation Wind Direction 10 m
0
0
0
0
0
0
0
0
0.026
5.784
6.29
0.931
1.328
0.332
0
2.533
17.28
0
12.12
4.996
7.12
12.14
4.421
0.396
2.785
0
0
0
0
0
0
0
0
0
0

9/9/2019	00:36	17.87	0.183
9/9/2019	00:37	17.87	0.178
9/9/2019	00:38	17.85	0.112
9/9/2019	00:39	17.85	0.117
9/9/2019	00:40	17.88	0.117
9/9/2019	00:41	17.95	0.073
9/9/2019	00:42	17.99	0.058
9/9/2019	00:43	17.94	0.076
9/9/2019	00:44	17.87	0.08
9/9/2019	00:45	17.83	0.071
9/9/2019	00:46	17.82	0.058
9/9/2019	00:47	17.83	0.099
9/9/2019	00:48	17.83	0.069
9/9/2019	00:49	17.84	0.082
9/9/2019	00:50	17.8	0.054
9/9/2019	00:51	17.79	0.027
9/9/2019	00:52	17.78	0.024
9/9/2019	00:53	17.74	0.057
9/9/2019	00:54	17.74	0.095
9/9/2019	00:55	17.79	0.102
9/9/2019	00:56	17.78	0.062
9/9/2019	00:57	17.78	0.048
9/9/2019	00:58	17.85	0.122
9/9/2019	00:59	17.93	0.147
9/9/2019	01:00	17.94	0.117
9/9/2019	01:01	17.91	0.113
9/9/2019	01:02	17.87	0.077
9/9/2019	01:03	17.86	0.09
9/9/2019	01:04	17.81	0.059
9/9/2019	01:05	17.8	0.056
9/9/2019	01:06	17.74	0.076
9/9/2019	01:07	17.72	0.095
9/9/2019	01:08	17.68	0.102
9/9/2019	01:09	17.65	0.079
9/9/2019	01:10	17.64	0.073
9/9/2019	01:11	17.63	0.085
9/9/2019	01:12	17.58	0.071
9/9/2019	01:13	17.58	0.076
9/9/2019	01:14	17.57	0.069
9/9/2019	01:15	17.57	0.069
9/9/2019	01:16	17.56	0.067
9/9/2019	01:17	17.57	0.066
9/9/2019	01:18	17.6	0.052
9/9/2019	01:19	17.61	0.025
9/9/2019	01:20	17.58	0.024
9/9/2019	01:21	17.58	0.046
9/9/2019	01:22	17.61	0.056
9/9/2019	01:23	17.62	0.057
9/9/2019	01:24	17.64	0.088
9/9/2019	01:25	17.65	0.098
9/9/2019	01:26	17.64	0.082

198.3	131.7648252	19.12	0.427
195.8	130.5013785	19.11	0.396
192.8	129.3383252	19.1	0.32
196.8	130.9739291	19.1	0.296
207.4	138.8665983	19.1	0.281
218.4	154.0534207	19.1	0.303
203.9	135.6387698	19.09	0.251
184.9	128.0177548	19.08	0.239
178.6	128.7211479	19.07	0.195
185.6	128.0355004	19.06	0.152
188.1	128.2552218	19.05	0.178
190.1	128.6080861	19.05	0.234
194.9	130.1127622	19.04	0.253
198	131.5986579	19.03	0.266
185.9	128.0489586	19.01	0.222
0	128.4296876	19	0.155
0	128.4296876	18.98	0.132
11	128.8188092	18.96	0.082
11.17	128.8622629	18.95	0.087
355.8	129.5409061	18.95	0.133
320.1	179.4825368	18.98	0.139
299.8	158.9978987	18.99	0.164
247.6	161.4641376	19.02	0.28
234.3	188.6345537	19.04	0.375
230.4	183.6236488	19.04	0.32
216.4	150.6260744	19.03	0.282
217	151.6188155	19.01	0.214
179	128.6298991	18.99	0.182
194.1	129.7960751	18.97	0.187
121.9	161.8982783	18.94	0.085
98.4	144.18259	18.92	0.094
101.4	144.8847909	18.91	0.13
106.1	146.8129126	18.91	0.112
97.7	144.0764313	18.91	0.085
103.5	145.6188708	18.9	0.084
125.7	168.0148666	18.91	0.101
150.5	154.5974305	18.92	0.154
162.2	138.4636301	18.93	0.185
172.9	130.7322487	18.95	0.179
191.4	128.9229071	18.96	0.183
179.9	128.4479207	18.95	0.224
346.8	134.4523139	18.94	0.122
11.72	129.0108371	18.93	0.073
165.5	135.4739906	18.92	0.098
215	148.4219956	18.91	0.071
222.9	163.1241775	18.91	0.109
326.8	162.0137796	18.9	0.074
359.8	128.4665503	18.91	0.108
356.3	129.3710598	18.91	0.123
347.5	133.9369487	18.91	0.156
348.4	133.3092177	18.9	0.136

354.4	130.0717042	19.38	0.465
350.8	131.8211113	19.38	0.409
343.2	137.4955162	19.39	0.346
347.7	133.7940871	19.4	0.33
358.3	128.7937914	19.4	0.329
5.366	128.0274414	19.39	0.362
7.805	128.2165449	19.38	0.327
360	128.4296876	19.37	0.269
349	132.9121422	19.36	0.244
333.7	149.1915112	19.36	0.177
348.7	133.1085592	19.35	0.219
349.3	132.7199372	19.35	0.275
359.3	128.565657	19.34	0.288
6.218	128.0670611	19.32	0.308
5.289	128.0252566	19.31	0.295
8.26	128.2776316	19.29	0.209
4.683	128.0161343	19.28	0.182
50.43	183.7225954	19.26	0.137
142.6	172.2625195	19.25	0.082
118.1	156.8769637	19.24	0.121
91.1	144.1344398	19.24	0.159
61.62	171.5011941	19.25	0.219
44.87	167.7783029	19.27	0.266
30.48	142.2858165	19.28	0.425
22.56	134.5734947	19.28	0.41
16.77	130.9591216	19.28	0.357
13.89	129.7173853	19.25	0.327
353.7	130.3680067	19.23	0.244
4.622	128.0160094	19.21	0.192
342.4	138.2655439	19.18	0.138
296.7	155.273777	19.16	0.107
267.7	144.915171	19.14	0.128
266.6	145.2794496	19.12	0.118
267.4	145.0090396	19.1	0.082
263.2	146.7610226	19.09	0.094
285.3	146.4112828	19.09	0.111
313.2	192.5757179	19.1	0.163
325.3	165.4295013	19.12	0.206
328.7	158.0363201	19.15	0.243
344.3	136.4937737	19.15	0.193
348.9	132.977145	19.15	0.233
357.7	128.9499403	19.17	0.156
359.6	128.5050003	19.16	0.086
354.5	130.0310681	19.16	0.098
32.84	145.3120032	19.16	0.077
21.06	133.4865761	19.16	0.116
93.5	143.8921176	19.16	0.096
98.2	144.1500472	19.15	0.117
143.6	169.6228634	19.14	0.102
141.6	175.0397923	19.13	0.15
124.5	165.9547117	19.12	0.159

358.2	128.8188092	19.59	0.671	351.4	131.490113	19.67
350.6	131.9350344	19.6	0.623	340.5	140.2401479	19.68
344.8	136.0597477	19.62	0.561	335.1	147.0846926	19.72
348.1	133.514148	19.63	0.496	340.3	140.4603245	19.73
1.699	128.1802663	19.63	0.49	349.1	132.8476073	19.73
6.066	128.0579156	19.64	0.506	353.7	130.3680067	19.73
12.87	129.3611963	19.64	0.469	2.198	128.1285779	19.73
3.564	128.0369299	19.62	0.429	355.7	129.5761138	19.72
351.2	131.5986579	19.61	0.384	344.4	136.4059155	19.7
336.2	145.5308449	19.6	0.321	339.8	141.0213439	19.69
351.2	131.5986579	19.59	0.378	343.7	137.032099	19.68
352.3	131.0235708	19.58	0.404	348.2	133.4453614	19.66
4.756	128.0164745	19.56	0.439	359	128.6298991	19.65
11.08	128.8391131	19.55	0.447	3.049	128.0629186	19.66
10.21	128.6321023	19.54	0.406	2.447	128.1064342	19.65
9.65	128.5148611	19.52	0.343	4.998	128.0190886	19.65
11.31	128.8989226	19.51	0.27	5.065	128.0202161	19.64
35.73	149.5520114	19.49	0.197	18.23	131.7256922	19.63
89	144.5555056	19.48	0.116	46.54	172.1003403	19.63
99.7	144.4374183	19.46	0.188	60.04	174.693267	19.63
80.2	148.5320061	19.45	0.266	59.9	174.9883145	19.62
58.75	177.4906677	19.46	0.331	47.25	174.0515766	19.63
48.26	176.9522765	19.47	0.456	37.22	151.9902994	19.63
37.11	151.8040505	19.49	0.614	25.57	137.0961612	19.64
30.18	141.92724	19.49	0.517	19.33	132.3662495	19.61
25.78	137.2899388	19.47	0.478	10.71	128.7473645	19.58
19.59	132.5257198	19.43	0.418	9.9	128.565657	19.55
3.482	128.0403748	19.4	0.394	2.382	128.1119806	19.52
9.21	128.4314931	19.37	0.363	7.817	128.2180514	19.51
343.1	137.5898354	19.35	0.171	356.6	129.2740865	19.49
320.2	179.1755005	19.32	0.153	347.9	133.6531567	19.46
279.5	144.3933148	19.29	0.112	315.1	192.5757179	19.43
279.6	144.4151432	19.27	0.108	310.8	178.2808867	19.4
287.9	147.8305829	19.25	0.08	325.3	165.4295013	19.37
285.6	146.5582885	19.24	0.084	311.1	178.969176	19.35
321.8	174.472931	19.22	0.093	324.3	167.8527808	19.33
319.3	181.9973899	19.23	0.219	330.5	154.5974305	19.32
334.5	147.9694733	19.24	0.292	334.3	148.2703958	19.33
337.9	143.2953883	19.27	0.304	338.2	142.9209771	19.34
353.2	130.5924354	19.28	0.28	352.3	131.0235708	19.34
356.4	129.3383252	19.29	0.308	351.4	131.490113	19.35
1.013	128.2672821	19.31	0.221	2.743	128.0832671	19.38
358.3	128.7937914	19.31	0.151	347.3	134.0817512	19.38
358.1	128.8442293	19.31	0.193	348.2	133.4453614	19.38
37.06	151.7197274	19.31	0.161	7.174	128.1452919	19.38
27.8	139.278727	19.31	0.195	15.25	130.259797	19.38
51.22	186.3856894	19.32	0.173	52.62	191.3911196	19.41
83	146.8652868	19.32	0.134	55.89	184.3671389	19.42
112.2	150.9305587	19.31	0.115	86.7	145.2440439	19.42
133.5	184.8594495	19.31	0.165	103.7	145.6994008	19.45
120.3	159.6596036	19.31	0.232	92.2	143.9919054	19.47

0.798	6.866	128.1161825	130.0523268	Yes
0.715	356.3	129.3710598	132.7737464	Yes
0.679	356.1	129.4377621	135.8832087	Yes
0.626	0.685	128.315432	133.4115841	Yes
0.637	7.017	128.1299894	131.3636506	Yes
0.653	10.18	128.6255045	133.8264578	Yes
0.607	15.57	130.3987827	130.3487743	Yes
0.557	7.383	128.167162	128.4455296	Yes
0.508	3.298	128.0490601	131.5373847	Yes
0.471	2.833	128.0769024	138.3712206	Yes
0.496	2.216	128.1268957	131.6242867	Yes
0.557	8.5	128.3131374	130.8220186	Yes
0.596	20.61	133.1816399	129.7012865	Yes
0.632	23.05	134.952534	130.3040569	Yes
0.593	22.28	134.3622586	129.4350021	Yes
0.508	25.77	137.280657	130.1043852	Yes
0.446	23.87	135.613922	129.7957765	Yes
0.405	34.35	147.4500977	148.2538412	Yes
0.355	43.54	164.586333	156.4733923	Yes
0.38	53.69	190.3640873	159.1825285	Yes
0.359	58.14	178.8768136	165.2028222	Yes
0.466	48.28	177.0112513	171.8105177	Yes
0.504	44.49	166.844548	165.0059129	Yes
0.699	35.93	149.8688764	153.9378917	Yes
0.638	32.85	145.3256283	147.5632523	Yes
0.648	25.87	137.3737195	136.9992438	Yes
0.653	27.34	138.8055721	136.24663	Yes
0.588	24.84	136.4409954	130.3182513	Yes
0.545	28.7	140.2401479	130.9403554	Yes
0.356	26.04	137.5331781	140.9121844	Yes
0.279	15.58	130.4031963	148.5376441	Yes
0.2	2.03	128.1448901	150.9827769	Yes
0.197	348.2	133.4453614	149.6467507	Yes
0.142	355	129.8341932	146.4359497	Yes
0.144	358.7	128.6977354	149.3210187	Yes
0.179	6.865	128.1160941	156.973591	Yes
0.321	356.1	129.4377621	162.6411462	Yes
0.369	358.3	128.7937914	145.7853584	Yes
0.393	7.681	128.2013088	140.6372486	Yes
0.353	15.14	130.2130266	131.4491427	Yes
0.369	15.56	130.3943733	130.5295754	Yes
0.275	11.46	128.9390786	129.7383764	Yes
0.205	6.791	128.1096566	129.7002073	Yes
0.237	4.591	128.0160016	131.1621302	Yes
0.204	16.94	131.0435498	140.9285136	Yes
0.213	31.93	144.1009902	142.0500536	Yes
0.238	58.96	177.0230504	172.1411513	Yes
0.15	53.78	190.1055605	158.7909167	Yes
0.166	70.92	157.0923272	150.4521706	Yes
0.231	87	145.1405816	156.9352346	Yes
0.298	85.4	145.7403654	149.7311607	Yes

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9/9/2019	01:47	17.73	0.169
9/9/2019	01:48	17.77	0.122
9/9/2019	01:49	17.78	0.153
9/9/2019	01:50	17.77	0.142
9/9/2019	01:51	17.75	0.138
9/9/2019	01:52	17.8	0.118
9/9/2019	01:53	17.9	0.154
9/9/2019	01:54	17.96	0.132
9/9/2019	01:55	17.94	0.153
9/9/2019	01:56	17.93	0.142
9/9/2019	01:57	17.95	0.122
9/9/2019	01:58	17.92	0.137
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9/9/2019	02:17	17.66	0.089

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349.5	132.5941263	18.87	0.279
342.1	138.5635199	18.85	0.165
6.281	128.0711163	18.82	0.11
159.9	140.9079226	18.8	0.089
98.5	144.1995259	18.78	0.106
175.1	129.7960751	18.76	0.095
58.72	177.5578669	18.76	0.122
2.659	128.0894933	18.77	0.195
340.1	140.6829105	18.8	0.234
343.3	137.4017445	18.83	0.221
1.658	128.1849475	18.84	0.197
33.62	146.3959495	18.85	0.14
326	163.8037704	18.86	0.135
329.2	157.0502204	18.89	0.176
256.3	151.5291125	18.9	0.187
304	165.1323684	18.93	0.267
278.9	144.2717056	18.96	0.36
316.9	190.2134023	19.02	0.465
317.7	187.3568179	19.06	0.489
301.9	161.8982783	19.1	0.467
290.4	149.5145601	19.14	0.389
319.5	181.3587702	19.17	0.368
320.9	177.070287	19.21	0.374
292.6	151.2692438	19.25	0.347
284.8	146.17582	19.3	0.377
292.8	151.441929	19.34	0.371
293.6	152.1552339	19.38	0.393
305.2	167.1413681	19.4	0.323
338.6	142.43085	19.39	0.307
307.1	170.5798662	19.38	0.281
354.8	129.9116845	19.37	0.265
334.2	148.4219956	19.34	0.13
203.3	135.1505606	19.3	0.085
220.4	157.837148	19.26	0.16
244.4	166.4581678	19.23	0.307
258.5	149.7384694	19.19	0.217
326	163.8037704	19.16	0.241
303.2	163.8592137	19.15	0.244
245.9	164.0155381	19.16	0.303
228.3	177.070287	19.2	0.371
212.9	145.3938588	19.2	0.397
210.2	141.9509679	19.18	0.368
207.7	139.1748294	19.15	0.353
197.3	131.2265166	19.12	0.286
202.2	134.3026158	19.1	0.31
193.5	129.5761138	19.08	0.309
313.9	192.5757179	19.06	0.135
254.2	153.4923338	19.07	0.211
261.4	147.7698413	19.08	0.19
227.1	173.6334397	19.09	0.237

137.8	187.0083138	19.12	0.297
135.5	190.3353042	19.09	0.281
129.4	175.2003149	19.08	0.19
144.8	166.6259865	19.06	0.128
301.1	160.7554768	19.04	0.065
244.2	166.7980522	19.01	0.11
272.3	143.9815923	18.99	0.109
131.2	179.2008824	18.97	0.126
128.6	173.5332689	19	0.211
110	149.2234061	19.02	0.252
110.5	149.5886665	19.05	0.234
138.4	184.9559525	19.06	0.228
130	176.4945334	19.06	0.163
93.8	143.8796248	19.09	0.202
96.9	143.9815923	19.12	0.205
65.32	164.9380817	19.14	0.271
72.18	155.6291468	19.18	0.379
65.5	164.6488595	19.23	0.503
81	148.0158154	19.3	0.582
88.9	144.580468	19.36	0.535
80.2	148.5320061	19.41	0.583
81.7	147.5906108	19.43	0.486
91	144.1500472	19.45	0.381
96	143.9085582	19.49	0.325
83.9	146.4112828	19.53	0.381
75.71	152.0549964	19.56	0.459
76.06	151.7406509	19.6	0.498
75.89	151.8924626	19.63	0.487
84.9	145.9522103	19.64	0.4
105.4	146.4598058	19.62	0.33
98.4	144.18259	19.6	0.297
130.9	178.509184	19.58	0.297
137.2	189.1277069	19.53	0.164
87.7	144.915171	19.48	0.102
33.47	146.1841369	19.44	0.19
39.75	156.5662236	19.39	0.363
50.37	183.524859	19.35	0.314
64.45	166.3737294	19.33	0.334
77.42	150.5844484	19.32	0.339
57.55	180.2578539	19.33	0.393
40.51	158.0562915	19.39	0.421
23.84	135.5891204	19.42	0.423
13.62	129.6189096	19.44	0.405
11.47	128.9417879	19.44	0.429
11.28	128.8910004	19.43	0.347
9.6	128.5050003	19.42	0.351
11.29	128.8936371	19.41	0.366
47.61	175.0682881	19.39	0.197
44.21	166.1677973	19.38	0.24
44.5	166.8688935	19.37	0.246
37.83	153.0417742	19.36	0.274

126.7	169.8286827	19.32	0.32	108.9	148.4657012	19.49
130.3	177.156161	19.31	0.282	105.4	146.4598058	19.5
124.3	165.6232794	19.31	0.202	100.9	144.7396894	19.51
125.2	167.1413681	19.29	0.159	97.4	144.0375611	19.52
300.9	160.4771641	19.28	0.052	25.41	136.9501214	19.53
232.5	190.9470722	19.26	0.06	149.9	155.7099409	19.53
264.2	146.2685776	19.23	0.061	103.1	145.4633897	19.53
151.9	152.1263931	19.23	0.21	71.12	156.8531664	19.53
114.8	153.294267	19.25	0.283	95.6	143.8875148	19.55
100.8	144.7120259	19.26	0.358	81.5	147.7095994	19.56
100.7	144.6848135	19.29	0.348	83.3	146.709616	19.58
120.6	160.0651457	19.29	0.272	99.3	144.3509966	19.58
105.9	146.709616	19.3	0.34	84.8	145.9959883	19.62
88.6	144.6580519	19.34	0.403	75.08	152.6385117	19.69
89	144.5555056	19.38	0.371	71.42	156.4993556	19.74
66.16	163.6107489	19.41	0.435	55.4	185.6463296	19.77
71.2	156.7582401	19.46	0.532	60.02	174.7352919	19.82
68.2	160.6159553	19.53	0.709	57	181.5820782	19.88
78.97	149.3897912	19.63	0.755	65.85	164.0939997	19.94
85.2	145.823697	19.7	0.75	73.42	154.2877407	19.98
80.9	148.0785655	19.74	0.737	70.23	157.9378919	19.99
82.3	147.2455367	19.75	0.647	71	156.9963458	19.96
87.6	144.9460055	19.75	0.599	77.68	150.3750264	19.93
93.5	143.8921176	19.75	0.555	83.4	146.658692	19.91
83.6	146.5582885	19.77	0.577	77.08	150.863885	19.93
79.9	148.733998	19.79	0.643	71	156.9963458	19.96
76.74	151.149693	19.82	0.65	70.68	157.3828204	20
79.02	149.3533842	19.85	0.619	72.53	155.2407923	20.04
83.6	146.5582885	19.87	0.58	76.46	151.3898883	20.05
100.1	144.530992	19.85	0.52	87	145.1405816	20.05
92.5	143.962286	19.83	0.51	76.27	151.5553772	20.06
117.6	156.2898875	19.81	0.365	101.7	144.9772949	20.04
128	172.3255294	19.75	0.146	114	152.5255981	19.95
89.1	144.530992	19.69	0.175	57.87	179.503818	19.88
41.7	160.5047386	19.63	0.311	31.1	143.0451277	19.79
43.65	164.8423645	19.55	0.566	28.62	140.1527481	19.72
44.36	166.5291635	19.5	0.508	27.77	139.2474969	19.71
62.21	170.3718008	19.51	0.529	52.95	192.5348679	19.76
75.34	152.3949206	19.52	0.492	61.35	172.0291541	19.8
63.22	168.5136517	19.54	0.557	53.24	191.6744707	19.84
48.87	178.7787329	19.62	0.609	44.33	166.4566732	19.88
33.58	146.339308	19.67	0.538	30.47	142.2737719	19.92
20.77	133.2889601	19.69	0.516	17.27	131.2110519	19.93
22.36	134.4222165	19.7	0.568	22.12	134.2432875	19.92
22.16	134.2729123	19.69	0.477	20.01	132.7899251	19.9
18.6	131.9350344	19.67	0.509	17.22	131.1853655	19.88
21.72	133.9513415	19.66	0.515	20.9	133.3770516	19.87
45.27	168.7806281	19.63	0.356	31.4	143.4215034	19.84
46.34	171.5632972	19.62	0.426	37.76	152.9194929	19.83
46.54	172.1003403	19.6	0.395	37.36	152.2288183	19.8
43.28	163.9867134	19.58	0.469	34.46	147.6123434	19.78

0.354	100.7	144.6848135	156.6324968	Yes
0.363	97.7	144.0764313	158.1243657	Yes
0.336	91.7	144.0500767	153.6353761	Yes
0.317	82	147.415851	150.6583766	Yes
0.18	63.14	168.6574471	153.5496264	Yes
0.231	83.8	146.4598058	160.8228794	Yes
0.263	72.04	155.7866633	144.2592596	Yes
0.427	71.58	156.3130579	164.4102733	Yes
0.421	90.4	144.2529947	148.6115077	Yes
0.515	84.2	146.2685776	145.7193039	Yes
0.518	86.2	145.4256783	144.7621037	Yes
0.448	93.1	143.914916	152.2943917	Yes
0.573	84.9	145.9522103	152.3096595	Yes
0.659	76.58	151.2864116	151.2532741	Yes
0.575	74.73	152.9726394	151.0118627	Yes
0.613	65.03	165.4096365	166.2267819	Yes
0.721	69.03	159.4858618	162.3481818	Yes
0.846	65.98	163.8904148	163.0018027	Yes
0.904	72.92	154.8171182	161.3060254	Yes
0.898	78.62	149.6483329	156.3394113	Yes
0.866	77.13	150.8223931	153.453827	Yes
0.769	79	149.3679312	150.1429969	Yes
0.712	83.3	146.709616	153.5078931	Yes
0.634	87.7	144.915171	151.2889652	Yes
0.716	81.7	147.5906108	148.5386622	Yes
0.805	78.38	149.8293722	150.7581065	Yes
0.804	79.73	148.8505173	152.1131221	Yes
0.782	78.92	149.4263297	151.6136405	Yes
0.728	83.6	146.5582885	151.5200088	Yes
0.638	90.5	144.234728	144.5593915	Yes
0.686	81.6	147.6498563	151.5859951	Yes
0.472	97.1	144.0026586	150.7381419	Yes
0.254	91.8	144.0375611	161.2876782	Yes
0.376	65.21	165.1161327	153.8433349	Yes
0.521	50.83	185.0570197	158.5256342	Yes
0.788	45.53	169.4430356	159.4925079	Yes
0.767	45.12	168.4023935	161.4884765	Yes
0.797	62.97	168.964924	172.4098185	Yes
0.677	67.2	162.0444998	160.1824473	Yes
0.677	61.17	172.3850689	175.3693167	Yes
0.662	53.39	191.2343647	174.3192698	Yes
0.598	40.53	158.0962638	145.5384646	Yes
0.576	33.7	146.5095784	136.5158936	Yes
0.701	38.53	154.2881682	138.2140579	Yes
0.617	36.92	151.4847333	135.7330176	Yes
0.64	37.5	152.4689987	135.6794029	Yes
0.709	38.82	154.8173027	136.1230893	Yes
0.595	45.08	168.3020117	169.6296298	Yes
0.591	47.43	174.5575905	163.7401023	Yes
0.566	48.48	177.6043612	163.3144509	Yes
0.632	45.5	169.3661605	161.5280863	Yes

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9/9/2019	02:33	17.85	0.164
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9/9/2019	02:36	18.03	0.187
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9/9/2019	02:44	17.85	0.148
9/9/2019	02:45	17.85	0.133
9/9/2019	02:46	17.87	0.152
9/9/2019	02:47	17.86	0.17
9/9/2019	02:48	17.92	0.191
9/9/2019	02:49	17.92	0.177
9/9/2019	02:50	17.9	0.168
9/9/2019	02:51	17.88	0.122
9/9/2019	02:52	17.79	0.048
9/9/2019	02:53	17.74	0.067
9/9/2019	02:54	17.68	0.067
9/9/2019	02:55	17.64	0.05
9/9/2019	02:56	17.62	0.031
9/9/2019	02:57	17.56	0.11
9/9/2019	02:58	17.62	0.176
9/9/2019	02:59	17.7	0.225
9/9/2019	03:00	17.8	0.381
9/9/2019	03:01	17.88	0.257
9/9/2019	03:02	17.9	0.259
9/9/2019	03:03	18	0.341
9/9/2019	03:04	18.07	0.478
9/9/2019	03:05	18.13	0.413
9/9/2019	03:06	18.17	0.493
9/9/2019	03:07	18.23	0.356
9/9/2019	03:08	18.24	0.328

243.7	167.6628412	19.1	0.26
216.1	150.1407104	19.09	0.263
204.8	136.4059155	19.07	0.289
196.2	130.6852129	19.05	0.236
140.3	178.8700569	19.03	0.22
325	166.1438025	19.01	0.187
328.7	158.0363201	19	0.145
327.9	159.6656133	18.98	0.152
347.2	134.1548834	18.97	0.188
347.5	133.9369487	18.97	0.265
338.1	143.0451277	19	0.286
322.4	172.8067032	19.02	0.237
314.8	192.5757179	19.04	0.276
297.8	156.5227599	19.06	0.251
256.7	151.183739	19.1	0.317
255.2	152.5255981	19.13	0.418
262.9	146.9181461	19.17	0.503
240.7	173.3294827	19.19	0.532
226.4	171.7238383	19.18	0.446
211.1	143.0451277	19.14	0.357
208.9	140.4603245	19.11	0.321
227.7	175.3254093	19.08	0.224
241.5	171.7349716	19.06	0.3
249.1	159.3928048	19.05	0.315
275.4	143.8796248	19.05	0.372
252.8	154.9464686	19.06	0.367
249.2	159.2604663	19.06	0.309
251.9	155.945431	19.06	0.321
258.1	150.0444711	19.05	0.279
249.8	158.4811294	19.06	0.408
261.2	147.8918251	19.11	0.461
257.6	150.439072	19.13	0.432
260.8	148.1418203	19.13	0.36
247.4	161.7528127	19.11	0.263
275.5	143.8833505	19.09	0.19
11.96	129.0795071	19.07	0.138
353.2	130.5924354	19.04	0.105
238.7	177.6027217	19.02	0.134
224.2	166.1438025	19	0.194
282.3	145.1746105	18.98	0.216
248.6	160.0651457	18.96	0.449
253.9	153.7939153	18.95	0.537
258.2	149.967168	18.95	0.574
251.4	156.5227599	18.97	0.507
235.3	185.9112491	18.99	0.653
253.1	154.6247674	19.02	0.747
256.1	151.7051686	19.08	0.778
255.9	151.8834871	19.16	0.829
253.5	154.2044642	19.2	0.854
260.3	148.4657012	19.24	0.828
257.4	150.6007104	19.26	0.643

37.28	152.092319	19.36	0.334
28.11	139.604505	19.34	0.331
13.32	129.5130378	19.32	0.326
16.21	130.689897	19.3	0.334
17.51	131.3358802	19.29	0.304
41.43	159.9365105	19.26	0.302
63.29	168.3883008	19.24	0.205
69	159.5258496	19.21	0.212
106.2	146.8652868	19.18	0.214
109.2	148.6661534	19.17	0.232
106.7	147.1344513	19.19	0.256
98.6	144.2169051	19.21	0.257
95.6	143.8875148	19.23	0.3
79.84	148.7749521	19.25	0.296
56.9	181.8267455	19.28	0.348
47.22	173.9676928	19.32	0.49
46.62	172.3166892	19.37	0.647
39.08	155.2981874	19.39	0.597
24.77	136.3796611	19.38	0.505
10.55	128.7093916	19.35	0.432
20.28	132.964107	19.32	0.345
31.4	143.4215034	19.29	0.271
39.04	155.2238026	19.27	0.33
42.69	162.6544526	19.26	0.397
50.55	184.1199563	19.25	0.446
42.32	161.8386576	19.25	0.478
40.4	157.837148	19.25	0.383
33.33	145.9878988	19.24	0.416
38.77	154.7255308	19.23	0.343
46.16	171.0845932	19.25	0.457
47.01	173.3840899	19.3	0.526
46.48	171.9386546	19.3	0.479
40.98	159.0061587	19.3	0.408
39.95	156.9529426	19.28	0.307
32.22	144.4807676	19.25	0.203
47.93	175.9879198	19.23	0.193
121.5	161.3209223	19.2	0.107
56.59	182.5929681	19.18	0.2
35.18	148.6968011	19.16	0.266
57.69	179.9264944	19.13	0.303
39.75	156.5662236	19.12	0.483
39.34	155.7852869	19.12	0.538
38.34	153.9455834	19.12	0.646
38.81	154.7989301	19.15	0.704
34.71	147.9844476	19.16	0.688
34.39	147.5089919	19.2	0.826
43.59	164.702537	19.26	0.9
44.05	165.7853144	19.31	0.905
40.99	159.0266092	19.34	0.853
41.63	160.3566907	19.39	0.869
48.35	177.2181431	19.4	0.718

41.37	159.8112647	19.58	0.527	32.5	144.8528837	19.78
32.67	145.0814416	19.55	0.446	20.1	132.8476073	19.75
20.39	133.0360487	19.52	0.467	11.8	129.0334674	19.72
27.72	139.1955626	19.5	0.453	18.84	132.0741286	19.7
29.19	140.7838647	19.48	0.402	19.11	132.2337371	19.66
42.83	162.9670581	19.45	0.374	24.98	136.5644414	19.62
62.89	169.110523	19.42	0.295	30.17	141.9153855	19.58
62.38	170.0524724	19.39	0.299	36.17	150.2533138	19.54
92.8	143.936624	19.36	0.247	58.96	177.0230504	19.53
103.7	145.6994008	19.34	0.298	85.4	145.7403654	19.51
100.7	144.6848135	19.35	0.405	84.6	146.0849588	19.52
94.7	143.8658191	19.38	0.422	80.3	148.4657012	19.56
91.1	144.1344398	19.41	0.433	81.3	147.8305829	19.62
79.54	148.9825144	19.45	0.505	68.8	159.7940691	19.69
63.59	167.8560193	19.48	0.558	58.07	179.0385678	19.73
54.42	188.3005121	19.53	0.66	46.18	171.1375672	19.78
54.77	187.3376215	19.6	0.825	47.4	174.472931	19.85
45.98	170.6102324	19.64	0.823	37.47	152.417391	19.89
30.3	142.0699862	19.64	0.699	24.1	135.8056071	19.89
19.14	132.2516765	19.6	0.598	12.53	129.25199	19.84
27	138.4636301	19.56	0.549	18.05	131.6260728	19.8
34.1	147.0846926	19.51	0.425	22.61	134.6116239	19.75
42.71	162.6989776	19.48	0.517	31.97	144.1530352	19.69
49.93	182.0937627	19.46	0.566	37.26	152.0582788	19.66
54.75	187.3921903	19.46	0.611	40.32	157.6785168	19.66
47.08	173.5779296	19.46	0.65	35.58	149.3164325	19.67
44.17	166.0718898	19.46	0.582	31.97	144.1530352	19.67
40.64	158.3168186	19.46	0.56	27.48	138.9482874	19.67
46.53	172.0733585	19.44	0.538	33.48	146.1982075	19.65
54.78	187.3103575	19.45	0.666	40.67	158.3771782	19.66
52.51	190.9839654	19.51	0.694	38.28	153.8380657	19.7
50.32	183.3605568	19.52	0.666	35.58	149.3164325	19.7
43.05	163.4627074	19.5	0.59	29.19	140.7838647	19.68
40.8	158.6397721	19.47	0.464	23.14	135.0234606	19.64
31.51	143.5609922	19.44	0.372	21.03	133.4659472	19.6
38.13	153.5706629	19.41	0.326	28.48	140.0007164	19.57
108	147.8918251	19.37	0.166	57.24	180.9997982	19.52
51.57	187.6018852	19.35	0.271	38.46	154.1615782	19.49
44.94	167.9522594	19.32	0.346	27.55	139.0200666	19.45
53.83	189.96244	19.29	0.402	30.62	142.4551118	19.43
45.55	169.4943502	19.29	0.664	32.73	145.1625868	19.43
41.94	161.0162422	19.31	0.817	29.7	141.3652945	19.47
40	157.0502204	19.31	0.833	29.24	140.8401632	19.48
43.62	164.7723985	19.33	0.758	27.18	138.6438399	19.5
40.25	157.5402275	19.34	0.871	28.22	139.7214547	19.51
43.17	163.7353542	19.38	1.018	31.75	143.8681191	19.53
46.75	172.6701379	19.44	1.093	35.62	149.3790808	19.59
49.83	181.77311	19.49	1.089	36.05	150.0605198	19.63
47.49	174.7273001	19.51	1.145	33.97	146.8965002	19.65
48.75	178.4148558	19.56	1.153	35.66	149.4418547	19.7
53.3	191.4980279	19.57	0.905	39.46	156.0122198	19.7

0.674	42.3	161.7949854	157.2428588	Yes
0.616	38.73	154.6522764	144.4653081	Yes
0.564	33.94	146.8532468	134.9683432	Yes
0.615	38.59	154.397023	137.4083648	Yes
0.535	38.8	154.7805667	147.6008211	Yes
0.572	42.08	161.3174379	157.3858501	Yes
0.472	43.42	164.3086211	160.3518301	Yes
0.492	47.48	174.6989789	162.8392456	Yes
0.539	59.12	176.6700104	155.729971	Yes
0.391	81.7	147.5906108	144.3266958	Yes
0.508	87.3	145.0412401	145.1981183	Yes
0.528	83.4	146.658692	151.2027641	Yes
0.591	86.1	145.4633897	154.778329	Yes
0.661	78.73	149.566379	152.7281349	Yes
0.705	69.53	158.8287299	167.7467603	Yes
0.777	59.08	176.7580092	172.5378758	Yes
0.962	57.8	179.6677453	172.1426266	Yes
0.954	50.63	184.3862699	167.2083127	Yes
0.82	41.16	159.3758183	149.0709822	Yes
0.748	32.62	145.0140113	135.6544394	Yes
0.728	37.55	152.5551821	139.2138633	Yes
0.637	39.63	156.3360183	151.3558495	Yes
0.635	47.63	175.1253236	161.7872221	Yes
0.71	47.92	175.9589519	166.4316501	Yes
0.78	51.85	188.5914252	172.3323427	Yes
0.832	46.13	171.0052327	162.1369442	Yes
0.771	43.06	163.4853659	158.161581	Yes
0.755	42.28	161.7513566	152.1899585	Yes
0.67	42.97	163.2818442	157.2646824	Yes
0.777	51.78	188.3426407	172.7191798	Yes
0.842	48.42	177.4257842	168.7047461	Yes
0.795	44.58	167.0640965	164.4237625	Yes
0.823	42.68	162.6322066	154.8053516	Yes
0.628	38.91	154.9830643	153.4704105	Yes
0.563	38.38	154.0174394	143.8816994	Yes
0.471	47.04	173.4670793	154.4211771	Yes
0.306	63.32	168.3347129	157.8279388	Yes
0.394	52.3	190.2134023	178.4345111	Yes
0.494	43.28	163.9867134	157.1599286	Yes
0.647	46.23	171.2702373	165.7577788	Yes
0.873	45.89	170.3746664	160.3325946	Yes
1.033	42.9	163.1241775	155.0169833	Yes
1.071	43.54	164.586333	153.2778936	Yes
1.023	43.29	164.0096325	155.7495122	Yes
1.053	41.22	159.4997707	158.1314299	Yes
1.272	44.37	166.5533511	155.2581167	Yes
1.315	46.52	172.0463904	162.1006629	Yes
1.286	46.76	172.6974231	164.4399709	Yes
1.299	46.5	171.9924951	161.3694738	Yes
1.283	47.2	173.9118416	162.1181888	Yes
1.1	50.98	185.5647816	172.1787766	Yes

4.832
6.973
7.18
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16.78
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11.56
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19.3
6.649
7.18

9/9/2019	03:09	18.24	0.357
9/9/2019	03:10	18.2	0.263
9/9/2019	03:11	18.16	0.256
9/9/2019	03:12	18.11	0.297
9/9/2019	03:13	18.06	0.196
9/9/2019	03:14	18.01	0.222
9/9/2019	03:15	18.02	0.293
9/9/2019	03:16	18.06	0.345
9/9/2019	03:17	18.06	0.365
9/9/2019	03:18	18.11	0.306
9/9/2019	03:19	18.16	0.363
9/9/2019	03:20	18.26	0.449
9/9/2019	03:21	18.28	0.432
9/9/2019	03:22	18.3	0.432
9/9/2019	03:23	18.3	0.451
9/9/2019	03:24	18.31	0.477
9/9/2019	03:25	18.34	0.523
9/9/2019	03:26	18.31	0.367
9/9/2019	03:27	18.27	0.258
9/9/2019	03:28	18.22	0.208
9/9/2019	03:29	18.15	0.118
9/9/2019	03:30	18.08	0.125
9/9/2019	03:31	18.02	0.15
9/9/2019	03:32	17.95	0.089
9/9/2019	03:33	17.89	0.198
9/9/2019	03:34	17.87	0.154
9/9/2019	03:35	17.85	0.236
9/9/2019	03:36	17.85	0.19
9/9/2019	03:37	17.84	0.272
9/9/2019	03:38	17.86	0.226
9/9/2019	03:39	17.88	0.247
9/9/2019	03:40	17.88	0.229
9/9/2019	03:41	17.88	0.205
9/9/2019	03:42	17.9	0.202
9/9/2019	03:43	17.9	0.149
9/9/2019	03:44	17.85	0.124
9/9/2019	03:45	17.8	0.14
9/9/2019	03:46	17.77	0.171
9/9/2019	03:47	17.81	0.244
9/9/2019	03:48	17.88	0.197
9/9/2019	03:49	17.86	0.158
9/9/2019	03:50	17.83	0.132
9/9/2019	03:51	17.76	0.081
9/9/2019	03:52	17.73	0.08
9/9/2019	03:53	17.69	0.081
9/9/2019	03:54	17.65	0.103
9/9/2019	03:55	17.61	0.092
9/9/2019	03:56	17.54	0.075
9/9/2019	03:57	17.49	0.099
9/9/2019	03:58	17.48	0.043
9/9/2019	03:59	17.45	0.048

269.9	144.3509966	19.28	0.542
287.8	147.7698413	19.29	0.456
286.7	147.1344513	19.28	0.483
292.1	150.8472717	19.27	0.483
297.5	156.1744239	19.25	0.385
283.1	145.4633897	19.23	0.444
282	145.0738969	19.22	0.476
279.2	144.3305061	19.24	0.572
278.5	144.1995259	19.27	0.561
256.1	151.7051686	19.3	0.54
243.7	167.6628412	19.31	0.668
256.1	151.7051686	19.36	0.782
247.6	161.4641376	19.38	0.735
256.7	151.183739	19.38	0.757
244.4	166.4581678	19.37	0.69
251.8	156.0596058	19.37	0.837
258.9	149.4409821	19.4	0.653
271.3	144.1045518	19.41	0.585
266.5	145.3153153	19.41	0.497
274.7	143.8658191	19.39	0.318
309.5	175.4133646	19.36	0.381
341.7	138.968767	19.33	0.265
353.4	130.5013785	19.29	0.294
331.7	152.4689987	19.25	0.213
302.1	162.1914802	19.2	0.325
302.3	162.4877295	19.16	0.418
299.1	158.1007946	19.11	0.513
286.2	146.8652868	19.08	0.531
297.2	155.8318976	19.05	0.557
295.9	154.4133891	19.04	0.599
286.2	146.8652868	19.06	0.605
279.6	144.4151432	19.07	0.496
262.8	146.9714914	19.07	0.509
256.3	151.5291125	19.06	0.395
243.9	167.3143222	19.04	0.446
225.7	169.8808638	19.03	0.39
219.5	156.0881634	19	0.331
216.2	150.3016928	18.97	0.379
260.8	148.1418203	18.95	0.386
250.3	157.8506504	18.94	0.373
261.8	147.531862	18.95	0.345
262.8	146.9714914	18.98	0.431
241	172.724134	18.99	0.207
293.1	151.7051686	18.98	0.243
316	192.5757179	18.97	0.241
323.1	170.9259926	18.96	0.211
318.7	183.9540825	18.94	0.256
308.3	172.92492	18.92	0.219
310.2	176.9345288	18.9	0.263
260.7	148.2055809	18.89	0.194
267.7	144.915171	18.87	0.223

55.6	185.120437	19.42	0.736
57.51	180.3529503	19.41	0.59
61.64	171.4623661	19.39	0.459
66.59	162.9529945	19.37	0.531
69.96	158.2775168	19.35	0.529
68.64	160.0107008	19.33	0.509
58.95	177.0452081	19.31	0.623
60.55	173.6355403	19.35	0.694
56.4	183.0684457	19.37	0.718
51.21	186.3512746	19.4	0.577
35.02	148.452407	19.42	0.818
43.38	164.2164185	19.47	0.858
40.03	157.1087025	19.49	0.877
35.4	149.0360615	19.5	0.936
36.44	150.6913394	19.49	0.929
39.28	155.6723236	19.5	0.94
44.8	167.6049563	19.52	0.735
53.67	190.4216971	19.52	0.684
48.97	179.0837007	19.51	0.614
59.1	176.7139881	19.49	0.471
72.99	154.7420768	19.45	0.39
114.9	153.3930028	19.42	0.291
133	183.5738179	19.38	0.358
115	153.4923338	19.34	0.279
89.5	144.4374183	19.29	0.322
83.1	146.8129126	19.26	0.39
73.97	153.7230632	19.22	0.582
73.3	154.4133891	19.19	0.599
71.24	156.7109346	19.16	0.606
79.32	149.1376968	19.15	0.588
72.46	155.3178446	19.17	0.655
71.18	156.7819323	19.18	0.558
58.08	179.0154258	19.18	0.579
45.24	168.7047528	19.17	0.47
40.05	157.1477386	19.15	0.444
26.62	138.089187	19.14	0.394
16.79	130.9689889	19.11	0.371
15.6	130.4120364	19.09	0.466
47.17	173.8281717	19.08	0.481
43.5	164.4935779	19.07	0.418
45.97	170.5840054	19.08	0.474
45.34	168.9581165	19.11	0.36
45.39	169.0852773	19.11	0.277
69.56	158.7898581	19.1	0.299
69.2	159.2604663	19.09	0.282
90.9	144.1660972	19.08	0.241
84.4	146.17582	19.06	0.247
81	148.0158154	19.04	0.267
76.78	151.115736	19.02	0.272
55.33	185.8316345	19	0.255
56.93	181.753218	18.99	0.263

55.82	184.5479751	19.57	0.814	44.5	166.8688935	19.7
62.27	170.2587886	19.56	0.663	48.53	177.7535993	19.68
67.34	161.8400015	19.54	0.64	51.63	187.8126771	19.66
66.38	163.2724125	19.51	0.671	54.43	188.2727659	19.64
70.97	157.0322892	19.49	0.56	57.41	180.5915164	19.61
70.02	158.2016147	19.47	0.64	52.72	191.7633837	19.6
64.29	166.6446813	19.46	0.661	51	185.6327901	19.59
63.49	168.0325605	19.49	0.728	52.12	189.559871	19.63
57.4	180.615438	19.51	0.734	48.03	176.2784202	19.64
54.26	188.7463486	19.54	0.757	42.38	161.9699339	19.66
39.89	156.8365258	19.56	0.898	34.42	147.5532407	19.69
48.99	179.1448847	19.62	1.074	38.39	154.0354256	19.75
46.61	172.2895975	19.63	1.049	33.05	145.5996012	19.76
39.39	155.8796789	19.64	1.077	27.62	139.0921278	19.76
40.37	157.7775878	19.63	1.03	29.57	141.2155681	19.74
47.67	175.2395703	19.63	1.161	33.53	146.268668	19.75
49.06	179.3595306	19.66	0.971	35.45	149.113689	19.78
58.2	178.7386118	19.65	0.756	44.99	168.0768887	19.77
56.17	183.6500577	19.63	0.72	43.22	163.8494379	19.75
61.28	172.1671888	19.61	0.555	47.29	174.163622	19.72
74.12	153.5722283	19.58	0.543	59.33	176.2108572	19.69
104.3	145.9522103	19.55	0.388	89.6	144.4151432	19.65
121.7	161.6081001	19.5	0.384	113.1	151.7051686	19.61
111.8	150.6007104	19.47	0.401	106.8	147.1897488	19.58
91.3	144.1045518	19.45	0.488	83.9	146.4112828	19.58
83.4	146.658692	19.42	0.565	70.49	157.6155216	19.56
76.25	151.5729151	19.38	0.723	63.02	168.8742189	19.53
74.54	153.1570333	19.35	0.757	60.9	172.92492	19.5
71.4	156.5227599	19.32	0.763	59.04	176.8461818	19.47
79.88	148.7476287	19.31	0.783	64.93	165.5738525	19.46
73.84	153.8548804	19.32	0.746	61.83	171.0954135	19.47
74.22	153.4724199	19.33	0.699	62.19	170.4095464	19.47
58.83	177.3119558	19.34	0.692	47.95	176.0459004	19.47
50.33	183.3933826	19.32	0.621	35.72	149.5362511	19.46
42.42	162.0576687	19.3	0.676	32.65	145.0544487	19.44
36.62	150.986645	19.27	0.529	21.07	133.4934619	19.41
24.16	135.8560614	19.25	0.531	12.36	129.1991612	19.38
22.5	134.5279034	19.22	0.653	16.58	130.8662518	19.36
44.44	166.7230034	19.23	0.615	30.78	142.6501303	19.36
49.06	179.3595306	19.23	0.604	32.01	144.205188	19.36
52.02	189.1995398	19.24	0.53	32.81	145.2711696	19.37
42.94	163.2142057	19.28	0.568	32.9	145.3938588	19.39
50.6	184.28627	19.27	0.4	34.62	147.8499498	19.39
69.62	158.7123021	19.27	0.389	50.77	184.8550463	19.39
71.4	156.5227599	19.25	0.397	54.02	189.4218545	19.38
84	146.3632375	19.23	0.353	61.1	172.5243387	19.36
78.68	149.6035513	19.22	0.393	56.15	183.7009474	19.35
79.53	148.9895135	19.19	0.343	56.43	182.9930719	19.32
77.3	150.682349	19.17	0.366	61.42	171.891597	19.3
61.8	171.1531239	19.16	0.385	48.58	177.9032239	19.29
57.78	179.714686	19.14	0.407	46.07	170.8468727	19.29

1.027	53.73	190.2490418	174.2274688	Yes
0.902	57.08	181.3872153	171.504479	Yes
0.81	61.36	172.0094739	168.051794	Yes
0.769	61.48	171.7740698	167.4239029	Yes
0.81	63.08	168.7656708	164.1682834	Yes
0.822	62.57	169.6987539	165.0275686	Yes
0.87	62.13	170.5230084	168.983917	Yes
0.938	62.08	170.6178185	169.2352593	Yes
0.985	58.31	178.4863035	172.5296267	Yes
0.896	53.47	191.0010013	175.9547454	Yes
1.132	44.59	167.0885519	157.5187133	Yes
1.217	48.83	178.6571886	165.5518172	Yes
1.312	44.85	167.7287132	160.8381504	Yes
1.333	41.52	160.1250774	151.0633369	Yes
1.384	40.97	158.9857183	155.0256763	Yes
1.348	45.64	169.7259074	160.593215	Yes
1.177	48.55	177.8134026	164.6665121	Yes
0.988	53.38	191.2636014	174.5210702	Yes
0.871	53.15	191.9401405	172.7677304	Yes
0.802	58.38	178.326456	169.0474148	Yes
0.654	66.48	163.1198794	164.6116812	Yes
0.475	85.1	145.8660653	145.7190377	Yes
0.459	107.1	147.3585869	154.9494104	Yes
0.48	103.2	145.5015641	149.8506712	Yes
0.622	86.5	145.3153153	148.4920097	Yes
0.728	79.63	148.9197562	152.4989224	Yes
0.898	72.75	155.0006292	157.4543242	Yes
0.97	72.12	155.696501	156.611426	Yes
0.971	70.6	157.480505	160.6784558	Yes
0.954	75.65	152.1095855	153.9964305	Yes
0.911	72.37	155.4173654	156.5101582	Yes
0.894	71.83	156.0252859	156.2208655	Yes
0.894	60.55	173.6355403	170.5960627	Yes
0.788	52.93	192.551787	169.1430572	Yes
0.788	48.02	176.2493028	161.5646962	Yes
0.654	39.92	156.8946911	149.8689697	Yes
0.625	31.99	144.1790981	139.2582946	Yes
0.834	35.15	148.6508276	138.9517424	Yes
0.8	45.33	168.9327227	160.0551697	Yes
0.787	46.49	171.9655681	163.574903	Yes
0.74	46.43	171.8042922	164.8781738	Yes
0.62	47.37	174.3884013	159.7852147	Yes
0.545	49.82	181.7411373	171.1373537	Yes
0.562	60.56	173.6150658	165.5354882	Yes
0.527	60.54	173.6560249	174.2873647	Yes
0.513	66	163.8592137	159.5677759	Yes
0.564	63.39	168.2099863	166.3288775	Yes
0.475	65.86	164.0782914	163.4003224	Yes
0.608	69.27	159.1682484	161.9584918	Yes
0.546	62.35	170.1086287	170.6404384	Yes
0.551	58.01	179.1776602	171.2815216	Yes

10.18
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9/9/2019	04:01	17.39	0.06
9/9/2019	04:02	17.41	0.138
9/9/2019	04:03	17.48	0.114
9/9/2019	04:04	17.53	0.202
9/9/2019	04:05	17.64	0.201
9/9/2019	04:06	17.67	0.154
9/9/2019	04:07	17.67	0.207
9/9/2019	04:08	17.64	0.172
9/9/2019	04:09	17.64	0.113
9/9/2019	04:10	17.68	0.228
9/9/2019	04:11	17.71	0.197
9/9/2019	04:12	17.72	0.199
9/9/2019	04:13	17.75	0.277
9/9/2019	04:14	17.83	0.364
9/9/2019	04:15	17.9	0.344
9/9/2019	04:16	17.98	0.434
9/9/2019	04:17	18.05	0.332
9/9/2019	04:18	18.08	0.396
9/9/2019	04:19	18.09	0.33
9/9/2019	04:20	18.11	0.24
9/9/2019	04:21	18.11	0.249
9/9/2019	04:22	18.11	0.238
9/9/2019	04:23	18.08	0.295
9/9/2019	04:24	18.1	0.271
9/9/2019	04:25	18.09	0.238
9/9/2019	04:26	18.1	0.185
9/9/2019	04:27	18.06	0.165
9/9/2019	04:28	18	0.095
9/9/2019	04:29	17.91	0.041
9/9/2019	04:30	17.84	0.065
9/9/2019	04:31	17.79	0.047
9/9/2019	04:32	17.76	0.092
9/9/2019	04:33	17.79	0.118
9/9/2019	04:34	17.77	0.134
9/9/2019	04:35	17.75	0.15
9/9/2019	04:36	17.73	0.147
9/9/2019	04:37	17.74	0.225
9/9/2019	04:38	17.75	0.165
9/9/2019	04:39	17.74	0.233
9/9/2019	04:40	17.75	0.242
9/9/2019	04:41	17.74	0.214
9/9/2019	04:42	17.71	0.188
9/9/2019	04:43	17.69	0.125
9/9/2019	04:44	17.66	0.099
9/9/2019	04:45	17.63	0.053
9/9/2019	04:46	17.61	0.052
9/9/2019	04:47	17.58	0.068
9/9/2019	04:48	17.58	0.077
9/9/2019	04:49	17.56	0.096
9/9/2019	04:50	17.56	0.086

255.1	152.6196347	18.86	0.322
260.5	148.3346233	18.84	0.267
257.3	150.682349	18.81	0.366
273.6	143.8875148	18.81	0.321
304.2	165.4588142	18.81	0.46
275.3	143.8763375	18.85	0.39
283.6	145.6589028	18.88	0.383
285.8	146.658692	18.92	0.357
294.2	152.7142528	18.94	0.398
293.1	151.7051686	18.96	0.324
283	145.4256783	18.98	0.486
287.3	147.4736091	19	0.56
286.9	147.2455367	19.02	0.529
295	153.4923338	19.05	0.613
292.7	151.3553066	19.08	0.648
302	162.0444998	19.12	0.566
294.4	152.9052402	19.17	0.813
298.9	157.8506504	19.23	0.631
296.8	155.3841351	19.29	0.709
302.3	162.4877295	19.34	0.662
290.7	149.7384694	19.39	0.673
297	155.6067462	19.41	0.468
266	145.5015641	19.41	0.536
287	147.3018158	19.41	0.531
263	146.8652868	19.4	0.472
262	147.415851	19.39	0.555
239.8	175.2003149	19.38	0.484
251.3	156.6401729	19.36	0.443
236.8	182.0726285	19.34	0.23
232.2	189.8495428	19.31	0.225
295.3	153.7939153	19.28	0.226
295.5	153.9979779	19.24	0.212
261.4	147.7698413	19.22	0.296
277.5	144.0500767	19.21	0.399
332.3	151.4512959	19.19	0.312
318.8	183.6236488	19.15	0.321
350.9	131.7648252	19.12	0.3
359.7	128.4855767	19.09	0.401
10.75	128.7570182	19.04	0.381
2.794	128.0796216	19	0.453
332.9	150.4634796	18.96	0.493
348.6	133.1749726	18.92	0.471
352.8	130.7797169	18.89	0.395
357.5	129.00522	18.86	0.322
349.9	132.3480491	18.83	0.207
355.6	129.6117355	18.8	0.154
284.2	145.9089029	18.77	0.129
269.2	144.5069269	18.74	0.189
281.9	145.0412401	18.72	0.198
325.9	164.0325631	18.7	0.221
350.6	131.9350344	18.68	0.216

44.28	166.3360976	18.99	0.349
42.4	162.0137796	18.98	0.262
51.84	188.5558271	18.95	0.385
51.27	186.5580398	18.94	0.374
67.3	161.8982783	18.97	0.479
64.39	166.475081	19.01	0.407
64.46	166.3568673	19.04	0.421
64.84	165.722358	19.08	0.507
77.68	150.3750264	19.1	0.407
70.41	157.7142264	19.11	0.386
69.78	158.5067047	19.13	0.57
68.37	160.3804434	19.15	0.556
71.03	156.9604619	19.16	0.576
71.01	156.9843779	19.18	0.643
71.59	156.3014695	19.21	0.676
76.22	151.5992642	19.24	0.513
79.07	149.3171086	19.29	0.753
71.02	156.9724166	19.35	0.74
80.4	148.3999072	19.4	0.73
79.03	149.3461185	19.44	0.719
73.99	153.7028739	19.49	0.744
75.7	152.0640803	19.51	0.564
60.7	173.3294827	19.52	0.624
64.02	167.1068813	19.51	0.618
51.57	187.6018852	19.51	0.567
48.56	177.8433276	19.5	0.579
39.48	156.0501728	19.5	0.523
44.2	166.1438025	19.49	0.437
37.46	152.4002055	19.47	0.308
35.3	148.8813884	19.45	0.309
62.08	170.6178185	19.41	0.333
67.36	161.8109084	19.38	0.303
55.64	185.015886	19.36	0.408
58.93	177.0895564	19.36	0.452
87.3	145.0412401	19.34	0.325
91.4	144.0902707	19.3	0.349
117.7	156.4059988	19.27	0.327
142.6	172.2625195	19.24	0.419
154.4	148.1195561	19.19	0.433
147.8	159.8738411	19.16	0.461
126	168.5495467	19.11	0.415
131.6	180.1392477	19.08	0.493
133.4	184.5997584	19.05	0.411
136.5	191.6887683	19.02	0.371
137.2	189.1277069	18.98	0.231
138.5	184.6202228	18.95	0.194
96.3	143.9289489	18.92	0.126
70.15	158.0380037	18.89	0.172
70.82	157.2129004	18.87	0.19
96.8	143.9717192	18.85	0.169
110.5	149.5886665	18.84	0.207

46	170.6627261	19.14	0.468	31.88	144.0360856	19.29
41.06	159.170046	19.14	0.453	28.05	139.5410133	19.31
51.41	187.0430802	19.11	0.559	36.22	150.3339857	19.29
53.52	190.8556269	19.12	0.544	37.03	151.6692339	19.31
69.13	159.3530292	19.15	0.706	49.39	180.3820418	19.37
68.02	160.8676218	19.2	0.563	50.85	185.1244874	19.4
65.42	164.7770766	19.23	0.5	49.31	180.1325419	19.42
66.02	163.8280444	19.26	0.58	51.86	188.6270425	19.43
75.95	151.8386947	19.29	0.556	64.65	166.0380935	19.46
71.48	156.429299	19.29	0.441	57.12	181.2900731	19.46
72.32	155.4728757	19.3	0.674	57.6	180.1392477	19.46
69.97	158.2648493	19.32	0.672	56.05	183.9561562	19.47
69.89	158.3663809	19.32	0.707	57.88	179.4804461	19.47
73.24	154.4765442	19.34	0.771	58.51	178.0310588	19.49
74.02	153.6726349	19.36	0.765	63.51	167.9971816	19.51
78.18	149.9825857	19.38	0.735	63.52	167.9795054	19.52
79.25	149.1876024	19.43	0.91	65.44	164.7449735	19.56
73.6	154.1009172	19.49	0.908	62.22	170.352942	19.62
81.7	147.5906108	19.54	0.863	68.64	160.0107008	19.68
79.46	149.0386528	19.58	0.834	70.83	157.2008132	19.71
79.57	148.9615483	19.63	0.842	68.48	160.2291719	19.75
76.61	151.2606682	19.64	0.652	66.53	163.0439058	19.75
64.49	166.3063316	19.65	0.735	54.8	187.2558705	19.76
72.08	155.7415311	19.65	0.722	54.69	187.5562251	19.76
57.98	179.2473613	19.65	0.74	46.94	173.1909408	19.77
54.94	186.8759838	19.65	0.805	44.2	166.1438025	19.77
44.99	168.0768887	19.66	0.769	37.58	152.6069947	19.79
49.67	181.2635538	19.65	0.665	37.92	153.1996171	19.79
38.39	154.0354256	19.65	0.389	26.93	138.3940436	19.8
41.77	160.6533001	19.62	0.407	36	149.9805289	19.76
59.72	175.3706704	19.59	0.413	44.99	168.0768887	19.73
69.34	159.0763745	19.56	0.425	51.71	188.0947922	19.7
58.7	177.6027217	19.54	0.525	46.2	171.1905949	19.68
62.47	169.884505	19.54	0.6	50.83	185.0570197	19.67
83.8	146.4598058	19.51	0.478	64.26	166.6957279	19.64
87.8	144.8847909	19.47	0.482	74.17	153.5222494	19.61
108.7	148.3346233	19.45	0.454	93.4	143.897159	19.6
134.4	187.2558705	19.42	0.494	129.5	175.4133646	19.58
143	171.1905949	19.38	0.552	130.9	178.509184	19.52
141.6	175.0397923	19.36	0.613	133.5	184.8594495	19.52
125.4	167.4881453	19.33	0.601	122.8	163.2418433	19.52
125.7	168.0148666	19.31	0.653	118.1	156.8769637	19.52
127.8	171.9308504	19.29	0.604	120.8	160.3391006	19.54
131.7	180.3767538	19.28	0.572	128.5	173.3294827	19.55
137.2	189.1277069	19.25	0.422	135.1	189.1957803	19.55
141	176.7757169	19.22	0.369	131.6	180.1392477	19.55
107	147.3018158	19.2	0.276	109.7	149.010542	19.56
73.62	154.0802808	19.17	0.288	83.3	146.709616	19.56
71.58	156.3130579	19.14	0.314	73.45	154.2564663	19.54
95.2	143.8734887	19.12	0.343	86.4	145.3516416	19.52
107.9	147.8305829	19.11	0.339	95.8	143.897159	19.5

0.64	50.68	184.5532904	163.6415669	Yes
0.668	46.91	173.1083734	156.4335671	Yes
0.704	51.05	185.8031286	172.4836741	Yes
0.793	50.26	183.1639662	171.2268763	Yes
0.821	62.52	169.791514	167.3767355	Yes
0.706	65.51	164.632869	164.1952793	Yes
0.694	63.4	168.1922038	165.0235185	Yes
0.738	62.76	169.3483623	166.8368998	Yes
0.643	72.74	155.01148	155.1955095	Yes
0.617	70.37	157.7637406	160.9805015	Yes
0.846	68.11	160.7414917	160.0571996	Yes
0.802	65.93	163.968557	162.808723	Yes
0.885	69.26	159.1814013	160.2468454	Yes
0.959	67.95	160.9661346	160.7900899	Yes
0.968	72.63	155.1312515	156.8915688	Yes
0.797	74.4	153.294267	156.9800244	Yes
0.996	75.52	152.2285695	153.6766988	Yes
1.114	74.35	153.3435606	158.5240974	Yes
1.081	76.33	151.5028984	152.5776505	Yes
0.964	78.79	149.5219469	153.5190522	Yes
0.999	78.32	149.8751117	152.501435	Yes
0.814	76.1	151.7051686	154.7361138	Yes
0.895	66.23	163.5026828	167.1791863	Yes
0.894	63.85	167.4011249	165.0215156	Yes
0.908	59.89	175.0094674	172.3829883	Yes
0.902	53.66	190.4505238	173.7458977	Yes
0.839	50.08	182.5779136	166.902457	Yes
0.811	52	189.1277069	169.2749707	Yes
0.595	46.1	170.9259926	159.5656591	Yes
0.573	54	189.4785153	167.7686551	Yes
0.532	56.37	183.1439319	170.200645	Yes
0.508	60.32	174.1092568	167.417862	Yes
0.63	58.32	178.4634343	172.0084956	Yes
0.704	61.8	171.1531239	169.4468563	Yes
0.608	71.96	155.8772341	153.1050608	Yes
0.621	79.75	148.8367317	154.9915383	Yes
0.524	93.6	143.8875148	144.8580242	Yes
0.568	120.6	160.0651457	164.6964954	Yes
0.623	125.7	168.0148666	158.918244	Yes
0.712	125.2	167.1413681	162.9988145	Yes
0.747	120.1	159.3928048	161.8271639	Yes
0.816	117.2	155.8318976	158.8075896	Yes
0.798	119.5	158.6092822	161.2517417	Yes
0.74	124.1	165.2951784	167.9390807	Yes
0.679	124	165.1323684	172.9863223	Yes
0.608	115.4	153.8956445	165.0085135	Yes
0.52	103.6	145.6589028	146.3618225	Yes
0.487	90.4	144.2529947	149.5175644	Yes
0.564	84.6	146.0849588	151.7817247	Yes
0.49	90.6	144.2169051	148.2892635	Yes
0.453	94.3	143.8675721	143.423803	Yes

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9/9/2019	04:55	17.57	0.161
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9/9/2019	05:14	17.28	0.033
9/9/2019	05:15	17.25	0.039
9/9/2019	05:16	17.25	0.07
9/9/2019	05:17	17.25	0.078
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9/9/2019	05:20	17.24	0.043
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9/9/2019	05:37	17.04	0.207
9/9/2019	05:38	17.11	0.233
9/9/2019	05:39	17.15	0.28
9/9/2019	05:40	17.2	0.279
9/9/2019	05:41	17.24	0.193

5.002	128.019151	18.67	0.23
11.47	128.9417879	18.65	0.236
18.15	131.6812379	18.62	0.261
15.98	130.5832523	18.6	0.291
3.328	128.0475539	18.57	0.308
348.5	133.2418584	18.55	0.299
339	141.9509679	18.53	0.227
262.9	146.9181461	18.51	0.186
272	144.0138522	18.49	0.222
239.2	176.4945334	18.47	0.248
214.8	148.1195561	18.46	0.27
208.5	140.0223639	18.43	0.339
209.5	141.1353782	18.4	0.361
192.6	129.2740865	18.38	0.441
190.6	128.7211479	18.36	0.317
201.4	133.7233811	18.34	0.38
211.3	143.2953883	18.32	0.439
208	139.4882645	18.3	0.42
220.3	157.6389568	18.29	0.382
198.1	131.6535994	18.27	0.422
184.5	128.016195	18.27	0.264
176.9	129.1807975	18.28	0.156
196.7	130.9247236	18.28	0.168
340	140.7951122	18.28	0.099
9	128.3944101	18.26	0.044
352.4	130.9739291	18.25	0.082
20.46	133.0821258	18.25	0.129
41.25	159.5618848	18.25	0.149
25.64	137.1604882	18.26	0.193
348.8	133.042617	18.27	0.125
310.8	178.2808867	18.26	0.103
260.4	148.3999072	18.25	0.121
251.7	156.1744239	18.23	0.159
270.4	144.2529947	18.22	0.215
255.4	152.3392627	18.21	0.195
239.7	175.4133646	18.19	0.19
254.3	153.3930028	18.17	0.13
12.55	129.2582829	18.15	0.12
339.2	141.7148217	18.13	0.131
288.5	148.2055809	18.11	0.196
275.3	143.8763375	18.1	0.268
278.8	144.2529947	18.1	0.249
285.9	146.709616	18.08	0.227
283.2	145.5015641	18.07	0.301
275.5	143.8833505	18.06	0.371
274	143.8734887	18.07	0.46
271.2	144.1192747	18.08	0.557
277.1	144.0026586	18.11	0.542
276.9	143.9815923	18.14	0.542
274.9	143.8675721	18.18	0.603
278	144.1192747	18.21	0.549

137.5	188.0594614	18.83	0.216
158	143.1699306	18.8	0.241
165.6	135.3923691	18.76	0.25
164.4	136.4059155	18.72	0.306
152.3	151.4512959	18.69	0.309
146.1	163.5761126	18.67	0.28
132.4	182.0726285	18.65	0.236
77.68	150.3750264	18.63	0.164
68.16	160.6716761	18.6	0.198
43.96	165.5715069	18.59	0.224
18.28	131.7536219	18.57	0.271
4.967	128.0186262	18.56	0.346
354.4	130.0717042	18.54	0.357
338.8	142.1896378	18.53	0.452
344.7	136.145503	18.52	0.322
356.1	129.4377621	18.5	0.394
357.5	129.00522	18.48	0.448
2.263	128.1225633	18.46	0.447
5.672	128.03841	18.45	0.432
354	130.2384741	18.45	0.405
324.1	168.3521774	18.46	0.31
322.3	173.0808789	18.47	0.187
337.6	143.6757156	18.47	0.187
2.512	128.1010531	18.46	0.116
28.27	139.7748489	18.45	0.057
113.9	152.4321413	18.43	0.095
152.8	150.6260744	18.42	0.091
180.1	128.4118509	18.4	0.12
180	128.4296876	18.39	0.162
169.8	132.4088779	18.39	0.136
115.4	153.8956445	18.38	0.099
71.68	156.1974649	18.37	0.094
59.37	176.1239379	18.36	0.146
61.11	172.5044135	18.35	0.2
51.9	188.7697038	18.32	0.182
40.37	157.7775878	18.3	0.23
50.59	184.252972	18.28	0.178
119.4	158.4811294	18.26	0.095
106.7	147.1344513	18.23	0.101
80.2	148.5320061	18.22	0.181
76.17	151.6432922	18.21	0.226
80.7	148.2055809	18.2	0.226
89.8	144.3719327	18.18	0.179
82.2	147.3018158	18.17	0.274
71.46	156.4526251	18.17	0.367
61.99	170.7890708	18.17	0.419
55.12	186.3914483	18.19	0.548
59.34	176.1891113	18.22	0.546
66.27	163.4411044	18.25	0.498
59.47	175.9073889	18.29	0.517
57.1	181.3386201	18.32	0.542

131.4	179.6677453	19.09	0.313	116.4	154.9464686	19.47
153.6	149.347741	19.07	0.378	142.7	171.9924951	19.43
162.6	138.0697036	19.02	0.4	150.6	154.4151969	19.36
162.1	138.5635199	18.97	0.452	150.5	154.5974305	19.31
150.9	153.8738695	18.95	0.48	138.6	184.28627	19.3
145.6	164.7258126	18.94	0.444	134.2	186.7139875	19.29
133.8	185.6463296	18.93	0.387	127.3	170.9610894	19.28
88.2	144.7678047	18.9	0.281	98.6	144.2169051	19.25
72.27	155.5285442	18.86	0.274	80.5	148.3346233	19.22
44.85	167.7287132	18.83	0.303	51.27	186.5580398	19.19
24.14	135.8392226	18.81	0.339	27.84	139.3204484	19.14
9.9	128.565657	18.78	0.419	11.1	128.8442293	19.1
357.8	128.9229071	18.76	0.443	358.9	128.6521114	19.06
347	134.3026158	18.74	0.585	347.8	133.7233811	19.02
351.1	131.6535994	18.72	0.498	356	129.4717308	18.98
1.452	128.2094662	18.71	0.553	0.398	128.3610447	18.95
1.651	128.1857533	18.69	0.631	358.8	128.6747234	18.93
4.403	128.0167567	18.67	0.643	359.1	128.6080861	18.89
6.918	128.1208364	18.65	0.558	359.8	128.4665503	18.89
355.2	129.7583745	18.66	0.578	347.9	133.6531567	18.88
331.1	153.51742	18.67	0.403	331.3	153.1644801	18.88
326.3	163.1241775	18.67	0.24	327.7	160.0831011	18.86
340.8	139.914364	18.66	0.274	338	143.1699306	18.83
2.927	128.0705928	18.64	0.202	354.6	129.9908531	18.8
23.83	135.5808635	18.63	0.175	6.998	128.128203	18.78
68.32	160.4494933	18.61	0.121	32.7	145.1219829	18.76
145.4	165.1937679	18.59	0.059	98.1	144.1344398	18.73
167.4	134.0091067	18.57	0.065	154.7	147.6715655	18.7
178	128.870052	18.55	0.129	164.9	135.9745142	18.67
177.2	129.0911795	18.54	0.099	162.8	137.8760949	18.65
135.4	190.048269	18.52	0.09	115.6	154.1009172	18.62
67.34	161.8400015	18.5	0.118	41.93	160.9948081	18.59
50.91	185.3273217	18.49	0.199	39.7	156.470139	18.57
54.8	187.2558705	18.47	0.27	43.77	165.1232768	18.55
47.58	174.9828444	18.45	0.348	36.23	150.3501442	18.54
36.89	151.4345896	18.43	0.366	31.48	143.5228704	18.55
44.83	167.6791732	18.41	0.255	43.94	165.5241245	18.55
110.4	149.5145601	18.38	0.174	69.39	159.0109605	18.53
96.8	143.9717192	18.36	0.197	71.19	156.7700829	18.52
72.14	155.6740241	18.35	0.244	63.5	168.0148666	18.52
73.37	154.3399871	18.34	0.332	62.82	169.238399	18.52
77	150.9305587	18.33	0.308	71.74	156.1284193	18.51
85.3	145.7817973	18.32	0.315	79.75	148.8367317	18.5
78.74	149.5589604	18.32	0.383	70	158.226888	18.5
69.86	158.4045685	18.31	0.458	59.02	176.8903335	18.5
61.99	170.7890708	18.32	0.583	50.74	184.7543008	18.53
55.53	185.3039034	18.35	0.726	45.48	169.314975	18.57
57.69	179.9264944	18.38	0.693	46.84	172.916206	18.61
64.81	165.77201	18.41	0.637	53.54	190.7975798	18.63
58.45	178.1671603	18.44	0.699	49.96	182.1902875	18.64
57.12	181.2900731	18.47	0.693	46.34	171.5632972	18.65

0.458	108	147.8918251	159.7169303	Yes
0.439	126.7	169.8286827	152.6561275	Yes
0.463	133.5	184.8594495	148.8835914	Yes
0.552	129.4	175.2003149	147.0700866	Yes
0.618	120.3	159.6596036	155.4637185	Yes
0.587	118.8	157.7265948	161.1968732	Yes
0.59	115.3	153.7939153	166.8849861	Yes
0.454	105.7	146.6082498	146.5772264	Yes
0.424	98.1	144.1344398	150.5366271	Yes
0.457	79.55	148.9755205	169.0656628	Yes
0.402	55.1	186.4450707	148.2955839	Yes
0.499	42.25	161.6859944	137.4273741	Yes
0.462	20.16	132.8862721	132.3336746	Yes
0.68	7.547	128.1855228	133.5350488	Yes
0.657	21.85	134.0453681	132.0074698	Yes
0.673	20.34	133.0032775	130.5469863	Yes
0.744	14.8	130.0717042	131.8465578	Yes
0.824	13.6	129.6117355	130.7694812	Yes
0.767	11.43	128.9309747	134.2391456	Yes
0.7	356.9	129.1807975	130.8968804	Yes
0.56	343.8	136.9410396	147.9982624	Yes
0.355	344.1	136.6710803	152.4280071	Yes
0.359	350.4	132.0507649	137.9470997	Yes
0.317	6.418	128.0804702	131.0076163	Yes
0.297	13.58	129.604578	132.2965807	Yes
0.257	25.86	137.3643887	145.2683871	Yes
0.106	49.57	180.9472445	154.7967305	Yes
0.077	57.51	180.3529503	150.0014716	Yes
0.089	126.7	169.8286827	140.052685	Yes
0.061	134.9	188.6345537	144.2106646	Yes
0.099	87.1	145.1070106	164.2865456	Yes
0.182	46.9	173.0808789	160.1026121	Yes
0.292	45.97	170.5840054	168.9359656	Yes
0.367	47.35	174.3321202	168.6937351	Yes
0.465	46.4	171.7238383	167.6331587	Yes
0.551	47.12	173.6890064	160.3674838	Yes
0.469	51.94	188.9126732	171.9523891	Yes
0.364	64.98	165.4916408	152.3513147	Yes
0.381	68.38	160.3666552	149.9915461	Yes
0.429	64.38	166.4920026	157.3836961	Yes
0.519	66.61	162.922753	156.4041538	Yes
0.462	73.01	154.7206921	150.8476491	Yes
0.433	77.73	150.3351744	147.2070504	Yes
0.609	71.4	156.5227599	151.4223976	Yes
0.727	65.27	165.018891	160.1299537	Yes
0.856	62.27	170.2587886	168.0929439	Yes
0.94	57.4	180.615438	173.1490079	Yes
0.953	59.81	175.1790677	169.6427076	Yes
0.817	64.22	166.7639098	166.1512392	Yes
0.87	62.37	170.0711819	170.0407181	Yes
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9/9/2019	05:49	17.62	0.389
9/9/2019	05:50	17.64	0.221
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9/9/2019	05:52	17.57	0.152
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9/9/2019	05:56	17.41	0.078
9/9/2019	05:57	17.41	0.211
9/9/2019	05:58	17.42	0.168
9/9/2019	05:59	17.45	0.158
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9/9/2019	06:02	17.47	0.075
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9/9/2019	06:04	17.48	0.083
9/9/2019	06:05	17.5	0.156
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9/9/2019	06:07	17.56	0.098
9/9/2019	06:08	17.57	0.141
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9/9/2019	06:14	17.52	0.107
9/9/2019	06:15	17.55	0.13
9/9/2019	06:16	17.55	0.079
9/9/2019	06:17	17.54	0.079
9/9/2019	06:18	17.54	0.045
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9/9/2019	06:27	17.45	0.156
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278.6	144.2169051	18.25	0.542
304.5	165.9547117	18.27	0.408
313.3	192.5757179	18.3	0.397
329	157.4417417	18.36	0.521
314	192.5757179	18.4	0.514
313.9	192.5757179	18.46	0.736
306.4	169.2750169	18.55	0.84
306.9	170.2024087	18.63	0.763
310.9	178.509184	18.67	0.551
330.4	154.7805667	18.67	0.481
313.7	192.5757179	18.66	0.346
306.4	169.2750169	18.64	0.28
248.3	160.4771641	18.61	0.344
285.4	146.4598058	18.59	0.25
274.5	143.8658191	18.58	0.297
280.8	144.7120259	18.57	0.42
273.1	143.914916	18.57	0.471
237.9	179.4337369	18.57	0.395
222.9	163.1241775	18.56	0.437
228.4	177.3663815	18.53	0.395
208.8	140.3499361	18.51	0.343
259.1	149.2954063	18.5	0.402
305.7	168.0148666	18.51	0.269
285.5	146.5088075	18.53	0.296
295.9	154.4133891	18.58	0.389
337.3	144.0620273	18.61	0.248
339.6	141.2500277	18.62	0.312
327.4	160.717127	18.63	0.199
310.8	178.2808867	18.63	0.164
270.2	144.2908609	18.64	0.159
252.9	154.8386144	18.64	0.272
236.1	183.8283932	18.65	0.294
229.4	180.4133026	18.64	0.321
235.9	184.3413566	18.64	0.396
280	144.5069269	18.67	0.34
262.9	146.9181461	18.66	0.184
305.3	167.3143222	18.66	0.151
1.665	128.1841436	18.65	0.111
348.3	133.3770516	18.65	0.15
302	162.0444998	18.66	0.261
337.4	143.9325875	18.67	0.319
339.1	141.8325805	18.64	0.335
327.4	160.717127	18.61	0.346
346.1	134.9918873	18.58	0.389
349.8	132.4088779	18.56	0.346
354.3	130.1127622	18.55	0.286
4.697	128.0161835	18.53	0.321
352.3	131.0235708	18.51	0.282
342.2	138.4636301	18.49	0.21
324.3	167.8527808	18.47	0.23
281.9	145.0412401	18.45	0.222

60.07	174.6303075	18.35	0.458
78.45	149.7762523	18.37	0.35
90.8	144.18259	18.4	0.347
102.6	145.2794496	18.47	0.419
100	144.5069269	18.5	0.414
93	143.9217129	18.57	0.612
82.9	146.9181461	18.66	0.725
79.5	149.010542	18.73	0.693
92.3	143.9815923	18.77	0.439
109.4	148.802358	18.77	0.412
96.5	143.9447385	18.75	0.244
90.5	144.234728	18.72	0.211
49.3	180.1014276	18.7	0.271
68.8	159.7940691	18.68	0.208
63.91	167.2969877	18.66	0.284
63.8	167.4881453	18.66	0.425
51.37	186.9041262	18.66	0.385
36.86	151.3845207	18.66	0.397
24	135.7219305	18.66	0.421
15.95	130.5695101	18.65	0.476
11.53	128.9581291	18.63	0.38
31.08	143.0202454	18.64	0.422
69.49	158.8806564	18.65	0.276
73.17	154.5505049	18.66	0.247
80.2	148.5320061	18.7	0.402
105	146.2685776	18.72	0.236
120.9	160.4771641	18.74	0.269
100.7	144.6848135	18.74	0.176
90.5	144.234728	18.75	0.186
68.94	159.6060167	18.76	0.177
53.85	189.9052926	18.76	0.25
29.47	141.1011034	18.77	0.353
22.65	134.6422166	18.79	0.39
34.22	147.2595109	18.8	0.322
44.85	167.7287132	18.82	0.374
44.09	165.8806487	18.81	0.227
46.89	173.0533985	18.81	0.169
93.3	143.9026392	18.8	0.12
94.4	143.8664765	18.79	0.164
77.5	150.5196185	18.8	0.286
112.5	151.183739	18.81	0.247
127.4	171.1531239	18.77	0.315
116.4	154.9464686	18.75	0.309
123.3	164.0155381	18.73	0.356
124.6	166.1216858	18.72	0.343
136.1	192.0882584	18.69	0.27
142.7	171.9924951	18.66	0.303
134.6	187.8032029	18.64	0.251
130.3	177.156161	18.61	0.17
116.4	154.9464686	18.59	0.224
75.36	152.3763449	18.57	0.174

59.57	175.6919063	18.5	0.637	49.2	179.7911758	18.68
74.25	153.4425938	18.52	0.445	59.96	174.8616158	18.7
92.3	143.9815923	18.54	0.532	70.34	157.8009471	18.71
100.2	144.5555056	18.61	0.515	91.5	144.0764313	18.78
99	144.2908609	18.64	0.554	90.3	144.2717056	18.8
91.7	144.0500767	18.71	0.888	80.9	148.0785655	18.87
82.9	146.9181461	18.81	0.989	70.31	157.8382144	18.97
81.2	147.8918251	18.88	0.923	71.05	156.9365723	19.02
91	144.1500472	18.91	0.61	81.1	147.9535689	19.04
109.6	148.9406289	18.9	0.526	100.7	144.6848135	19.03
92.8	143.936624	18.88	0.391	86.3	145.3884291	18.99
93.2	143.9085582	18.84	0.354	80.8	148.1418203	18.95
50.18	182.9028117	18.82	0.366	43.74	165.0528911	18.91
61.75	171.2494987	18.79	0.3	49.2	179.7911758	18.88
60.74	173.2482498	18.78	0.446	42.72	162.7212567	18.89
63.69	167.6803589	18.78	0.487	50.56	184.1531838	18.89
54.26	188.7463486	18.79	0.586	42.99	163.3269927	18.9
38.56	154.3425553	18.79	0.557	30.83	142.7114115	18.9
26.3	137.780123	18.79	0.615	21	133.4453614	18.91
18.08	131.6425754	18.79	0.561	10.51	128.7000587	18.92
11.94	129.0736953	18.77	0.525	8.54	128.3192759	18.91
34.84	148.179801	18.79	0.514	23.97	135.6969282	18.92
65.44	164.7449735	18.8	0.35	48.59	177.9331953	18.93
65.98	163.8904148	18.81	0.379	53.2	191.7923969	18.95
74.7	153.0016129	18.84	0.472	67.5	161.6081001	18.98
101.9	145.0412401	18.87	0.33	91.5	144.0764313	19
112.9	151.5291125	18.88	0.34	107.1	147.3585869	19.01
108.8	148.3999072	18.88	0.281	91.2	144.1192747	19.01
84.4	146.17582	18.89	0.313	68.26	160.5325931	19.02
62.98	168.9467649	18.9	0.236	50.64	184.4196386	19.04
50.52	184.0203793	18.9	0.355	41.25	159.5618848	19.04
37.3	152.1263931	18.92	0.458	26.15	137.6372008	19.05
26.73	138.1967451	18.95	0.499	15.76	130.4833731	19.09
38.26	153.8022972	18.97	0.589	23.58	135.3761061	19.11
38.6	154.4151969	18.99	0.42	22.18	134.2877542	19.12
48.1	176.4826621	18.98	0.321	24.17	135.8644886	19.12
47.52	174.8123506	18.97	0.289	29.12	140.7053022	19.11
79.36	149.1092942	18.97	0.208	53.47	191.0010013	19.1
84.2	146.2685776	18.96	0.237	56.87	181.9003825	19.11
77.3	150.682349	18.97	0.352	61.24	172.2462807	19.13
108.1	147.9535689	18.98	0.301	90.6	144.2169051	19.14
128	172.3255294	18.94	0.36	115	153.4923338	19.1
118.5	157.3584661	18.92	0.351	104.7	146.1301527	19.07
120	159.2604663	18.9	0.399	106.2	146.8652868	19.04
121.2	160.8957315	18.9	0.426	108.3	148.0785655	19.03
134	186.1774937	18.88	0.376	125.8	168.1922038	19.02
137.7	187.3568179	18.86	0.422	125	166.7980522	19.01
132.3	181.8267455	18.83	0.363	124.7	166.2895033	19
132.5	182.3197334	18.8	0.3	132.6	182.5680669	18.98
123.3	164.0155381	18.77	0.311	123	163.5489495	18.97
80.7	148.2055809	18.74	0.238	89.7	144.3933148	18.94

0.768	60.21	174.3377267	169.7336043	Yes
0.624	70.78	157.2613157	160.2592979	Yes
0.69	78.17	149.9903026	157.70623	Yes
0.63	95.3	143.8763375	147.0458932	Yes
0.682	95	143.869106	153.9028634	Yes
1.022	89.4	144.4601404	154.6172427	Yes
1.196	79.88	148.7476287	153.9394305	Yes
1.071	81.4	147.7698413	154.3622379	Yes
0.723	90.1	144.310461	151.7809707	Yes
0.616	103.8	145.7403654	148.5897465	Yes
0.482	96	143.9085582	153.9508135	Yes
0.429	90.2	144.2908609	149.9701969	Yes
0.469	63.91	167.2969877	171.1662564	Yes
0.409	61.49	171.7545158	165.8098131	Yes
0.654	60.01	174.7563199	164.3777267	Yes
0.696	67.68	161.3495057	165.0766439	Yes
0.74	58.26	178.6008191	172.2986405	Yes
0.669	48.85	178.7179292	161.3180307	Yes
0.759	41.18	159.4170949	145.8977375	Yes
0.738	28.52	140.0440351	141.6645121	Yes
0.734	28.48	140.0007164	133.3403506	Yes
0.641	39.98	157.0112805	146.6407323	Yes
0.543	60.09	174.5883863	168.8324156	Yes
0.522	67.29	161.9128663	163.7309981	Yes
0.552	78.04	150.0911108	153.5292438	Yes
0.446	91.4	144.0902707	144.7077094	Yes
0.418	103.1	145.4633897	149.2156562	Yes
0.381	94.7	143.8658191	148.3573883	Yes
0.457	80.2	148.5320061	155.5512068	Yes
0.406	69.84	158.4300613	163.1386685	Yes
0.448	58.67	177.6700869	173.1992516	Yes
0.62	47.15	173.772463	157.6931107	Yes
0.621	37.37	152.2459188	147.1963112	Yes
0.568	40.13	157.3042693	155.616708	Yes
0.593	38.88	154.9277285	151.1732639	Yes
0.472	46.55	172.1273359	159.4546563	Yes
0.424	51.27	186.5580398	168.4886827	Yes
0.363	64.99	165.4752234	155.5344603	Yes
0.416	70.18	158.0004108	152.6825798	Yes
0.501	71.08	156.9007874	158.4787071	Yes
0.435	88.5	144.6848135	146.3943228	Yes
0.382	110.3	149.4409821	157.6489099	Yes
0.368	97.6	144.0630334	152.6430495	Yes
0.443	104.1	145.8660653	150.1998488	Yes
0.501	106.6	147.0796431	150.9169007	Yes
0.518	119.3	158.3536654	166.9848767	Yes
0.584	116.4	154.9464686	161.8220035	Yes
0.532	121.7	161.6081001	165.7102245	Yes
0.496	126.9	170.2024087	170.142	Yes
0.502	122.4	162.6370044	162.6001483	Yes
0.341	108.2	148.0158154	147.6064592	Yes

11.43
6.219
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8.01

9/9/2019	06:33	17.38	0.095
9/9/2019	06:34	17.4	0.125
9/9/2019	06:35	17.38	0.141
9/9/2019	06:36	17.36	0.089
9/9/2019	06:37	17.36	0.061
9/9/2019	06:38	17.37	0.081
9/9/2019	06:39	17.39	0.127
9/9/2019	06:40	17.4	0.122
9/9/2019	06:41	17.39	0.076
9/9/2019	06:42	17.37	0.052
9/9/2019	06:43	17.37	0.053
9/9/2019	06:44	17.39	0.093
9/9/2019	06:45	17.39	0.076
9/9/2019	06:46	17.35	0.105
9/9/2019	06:47	17.33	0.104
9/9/2019	06:48	17.28	0.107
9/9/2019	06:49	17.25	0.119
9/9/2019	06:50	17.26	0.094
9/9/2019	06:51	17.33	0.087
9/9/2019	06:52	17.38	0.088
9/9/2019	06:53	17.42	0.056
9/9/2019	06:54	17.47	0.071
9/9/2019	06:55	17.52	0.12
9/9/2019	06:56	17.63	0.197
9/9/2019	06:57	17.72	0.192
9/9/2019	06:58	17.77	0.218
9/9/2019	06:59	17.85	0.25
9/9/2019	07:00	17.91	0.226
9/9/2019	07:01	17.97	0.209
9/9/2019	07:02	18.02	0.215
9/9/2019	07:03	18.04	0.166
9/9/2019	07:04	18.08	0.186
9/9/2019	07:05	18.13	0.263
9/9/2019	07:06	18.15	0.196
9/9/2019	07:07	18.21	0.358
9/9/2019	07:08	18.27	0.213
9/9/2019	07:09	18.3	0.217
9/9/2019	07:10	18.33	0.179
9/9/2019	07:11	18.34	0.163
9/9/2019	07:12	18.37	0.128
9/9/2019	07:13	18.4	0.072
9/9/2019	07:14	18.45	0.077
9/9/2019	07:15	18.49	0.092
9/9/2019	07:16	18.51	0.085
9/9/2019	07:17	18.58	0.052
9/9/2019	07:18	18.66	0.107
9/9/2019	07:19	18.74	0.145
9/9/2019	07:20	18.82	0.13
9/9/2019	07:21	18.93	0.231
9/9/2019	07:22	18.99	0.298
9/9/2019	07:23	19.06	0.307

267.2	145.0738969	18.44	0.241
282.7	145.3153153	18.43	0.313
284.1	145.8660653	18.42	0.294
290.4	149.5145601	18.42	0.32
290.1	149.2954063	18.42	0.234
339.5	141.3652945	18.42	0.219
359.1	128.6080861	18.42	0.273
354.8	129.9116845	18.42	0.227
335.2	146.9398193	18.41	0.201
306.1	168.7295603	18.41	0.161
263	146.8652868	18.41	0.145
218	153.3405134	18.41	0.226
224.9	167.8527808	18.41	0.24
206.5	137.9726212	18.41	0.325
208.8	140.3499361	18.4	0.348
195.1	130.1961465	18.39	0.295
184.1	128.0208746	18.38	0.284
217.8	152.989316	18.37	0.284
232.7	191.6887683	18.38	0.249
229.5	180.726811	18.39	0.188
237.9	179.4337369	18.4	0.151
247.4	161.7528127	18.42	0.215
229.6	181.0419634	18.45	0.249
237.6	180.1392477	18.48	0.489
239.7	175.4133646	18.51	0.527
242.6	169.6432085	18.55	0.575
249.6	158.7381263	18.59	0.569
245.3	164.9703808	18.64	0.521
241.6	171.5400605	18.7	0.521
270.8	144.18259	18.77	0.516
302.1	162.1914802	18.83	0.446
325.4	165.1937679	18.89	0.401
334.8	147.5237341	18.93	0.436
353.8	130.3244035	18.96	0.366
350	132.2876789	18.99	0.561
357.9	128.8962779	19.02	0.394
2.339	128.1157406	19.04	0.392
345.8	135.2306555	19.06	0.331
4.179	128.0194559	19.09	0.255
357.3	129.0621204	19.12	0.139
289	148.5320061	19.15	0.183
258.4	149.8141685	19.19	0.194
262.1	147.3585869	19.23	0.117
236.3	183.3205043	19.28	0.1
224.3	166.3842917	19.34	0.228
260.7	148.2055809	19.39	0.179
242.5	169.8286827	19.45	0.313
267.8	144.8847909	19.51	0.335
280.8	144.7120259	19.55	0.491
274.2	143.869106	19.59	0.564
269.1	144.530992	19.62	0.609

66.58	162.968127	18.55	0.219
65.25	165.051272	18.54	0.318
70.76	157.2855633	18.53	0.299
81	148.0158154	18.54	0.282
79.16	149.2521433	18.53	0.226
98.2	144.1500472	18.53	0.155
125.7	168.0148666	18.53	0.227
130.6	177.8276612	18.52	0.227
118.2	156.9963458	18.52	0.188
94.2	143.869106	18.51	0.133
65.59	164.5052366	18.51	0.138
37.04	151.6860567	18.51	0.209
30.9	142.7974765	18.52	0.23
5.82	128.0450262	18.53	0.323
10.3	128.6521114	18.53	0.349
358.8	128.6747234	18.53	0.297
351.9	131.2265166	18.52	0.258
11.78	129.0277855	18.51	0.311
31.04	142.9705592	18.52	0.264
23.32	135.166539	18.53	0.278
22.18	134.2877542	18.55	0.255
27.8	139.278727	18.58	0.248
25.56	137.0869933	18.61	0.348
31.3	143.2953883	18.64	0.497
33.5	146.2263702	18.67	0.552
34.59	147.8052525	18.69	0.611
35.99	149.9645546	18.74	0.574
39.39	155.8796789	18.77	0.576
38.91	154.9830643	18.82	0.542
50.43	183.7225954	18.88	0.485
70.05	158.163756	18.93	0.447
100	144.5069269	18.97	0.347
118.3	157.1163888	19	0.416
136.5	191.6887683	19.02	0.391
134.1	186.4450707	19.04	0.534
142.1	173.6334397	19.06	0.387
145.4	165.1937679	19.07	0.321
142.7	171.9924951	19.08	0.335
151.8	152.2972712	19.1	0.224
149.6	156.2786798	19.13	0.142
96.3	143.9289489	19.15	0.176
47.95	176.0459004	19.18	0.21
56.51	182.7926229	19.23	0.195
25.26	136.8144592	19.27	0.137
27.13	138.5935973	19.32	0.171
38.73	154.6522764	19.37	0.265
38.65	154.5062011	19.43	0.316
45.43	169.1872366	19.48	0.344
55.63	185.0420042	19.52	0.54
58.26	178.6008191	19.56	0.699
50.95	185.4629047	19.6	0.678

71.44	156.4759773	18.71	0.281	75.32	152.4135194	18.9
67.15	162.117895	18.7	0.357	68.54	160.147029	18.88
71.55	156.3478621	18.7	0.437	64.37	166.5089328	18.88
80.3	148.4657012	18.71	0.423	69.68	158.6349956	18.9
74.53	153.1667973	18.71	0.35	65.4	164.8092124	18.91
97.3	144.0254863	18.7	0.311	80.9	148.0785655	18.9
120.1	159.3928048	18.7	0.311	106.5	147.0253234	18.9
127	170.3906689	18.69	0.287	112.8	151.441929	18.88
117.6	156.2898875	18.69	0.262	103.4	145.579304	18.88
97.5	144.0500767	18.68	0.269	91.3	144.1045518	18.88
71.38	156.5461903	18.68	0.241	72.28	155.5173978	18.88
40.66	158.3570484	18.68	0.273	41.3	159.6656133	18.88
32.39	144.7060546	18.69	0.322	26.93	138.3940436	18.88
11.49	128.9472188	18.7	0.399	11.07	128.836561	18.88
16.02	130.6016356	18.7	0.454	16.93	131.0385485	18.89
4.297	128.0177901	18.71	0.38	5.925	128.0502387	18.88
359	128.6298991	18.68	0.357	358.5	128.7449612	18.84
12.35	129.1960903	18.66	0.432	7.215	128.1494472	18.83
26.1	137.5898354	18.67	0.418	14.45	129.9313192	18.86
15.8	130.5013785	18.69	0.379	6.433	128.0815389	18.89
16.57	130.8614074	18.71	0.372	8.68	128.3412579	18.93
26.18	137.665686	18.75	0.391	18.53	131.8949561	18.97
28.25	139.7534736	18.78	0.412	19.15	132.2576655	18.98
32.3	144.586539	18.81	0.686	22.52	134.5430806	18.99
32.74	145.1761353	18.83	0.723	22.95	134.8742041	19
34.14	147.1428475	18.84	0.787	22.38	134.4372553	19
33.76	146.5951036	18.87	0.752	22.67	134.6575428	19.02
39.6	156.2786798	18.9	0.63	25.1	136.6710803	19.04
45.73	169.9585181	18.95	0.689	30.93	142.8344586	19.08
51.12	186.0423667	19	0.641	35.95	149.9007373	19.12
68.66	159.9835215	19.04	0.497	49.63	181.1368312	19.14
99.1	144.310461	19.07	0.425	79.4	149.0809751	19.16
110.9	149.8904009	19.09	0.431	102.2	145.1405816	19.19
137.7	187.3568179	19.11	0.439	135.7	190.9137326	19.2
130.1	176.7139881	19.12	0.598	130.6	177.8276612	19.2
137.5	188.0594614	19.12	0.473	137.9	186.6616714	19.2
144.3	167.8527808	19.13	0.49	138	186.3168781	19.2
138.1	185.9739218	19.14	0.418	140.8	177.3663815	19.21
149.5	156.470139	19.15	0.32	145.2	165.6664139	19.22
139.5	181.3587702	19.17	0.212	151.7	152.4689987	19.23
94.3	143.8675721	19.19	0.226	87.4	145.0090396	19.24
58.28	178.5549789	19.21	0.238	44.08	165.8567973	19.27
62.41	169.9963998	19.25	0.201	33.97	146.8965002	19.3
27.42	138.8869862	19.29	0.152	9.84	128.5532391	19.34
34.96	148.3612642	19.33	0.268	17.15	131.1495891	19.38
54.19	188.9425307	19.37	0.238	36.74	151.1849895	19.43
50.62	184.3529189	19.42	0.394	31.69	143.7909776	19.47
50.17	182.8702448	19.47	0.431	35.57	149.3007899	19.51
60.9	172.92492	19.52	0.605	39.92	156.8946911	19.55
61.08	172.5642187	19.55	0.654	42.32	161.8386576	19.58
57.95	179.3171658	19.59	0.79	41.37	159.8112647	19.6

0.361	98.9	144.2717056	152.2406452	Yes
0.486	87.5	144.9772949	155.5217612	Yes
0.586	81.4	147.7698413	154.755653	Yes
0.625	81.9	147.4736091	150.4209363	Yes
0.566	79.43	149.0597905	153.1166699	Yes
0.458	89.2	144.5069269	144.4252641	Yes
0.435	104.5	146.0402375	149.8162637	Yes
0.386	108.5	148.2055809	155.5555049	Yes
0.391	103.3	145.540202	150.2691117	Yes
0.37	94.4	143.8664765	148.9239542	Yes
0.369	84.5	146.1301527	153.9128528	Yes
0.389	62.77	169.3300123	158.4758488	Yes
0.393	49.37	180.3195691	154.8139849	Yes
0.436	33.73	146.5523084	134.0707471	Yes
0.537	40.98	159.0061587	137.9296781	Yes
0.443	24.55	136.1885768	130.2254951	Yes
0.483	14.93	130.125162	129.3494827	Yes
0.566	22.91	134.8430126	134.8411303	Yes
0.601	31.22	143.1949696	149.0750903	Yes
0.533	25.61	137.1328871	142.3218309	Yes
0.529	32.86	145.3392604	143.6526834	Yes
0.51	38.41	154.0714246	144.9327213	Yes
0.604	38.49	154.2157774	148.8711746	Yes
0.843	38.6	154.4151969	151.3958905	Yes
0.925	38.2	153.695204	151.0770556	Yes
1.015	37.78	152.9543872	150.3965902	Yes
0.937	36.93	151.5014644	148.2913584	Yes
0.885	41.65	160.3989378	154.8397515	Yes
0.828	44.43	166.698731	161.2029665	Yes
0.764	50.09	182.6103265	169.2917232	Yes
0.686	60.41	173.9232482	167.0797674	Yes
0.525	85.6	145.6589028	149.7502067	Yes
0.52	100.1	144.530992	148.8404195	Yes
0.525	128	172.3255294	174.5218503	Yes
0.69	126.7	169.8286827	168.6206163	Yes
0.6	131.8	180.615438	171.5732577	Yes
0.567	129.2	174.7773583	164.4513051	Yes
0.459	137.3	188.7697038	171.8666316	Yes
0.36	139.4	181.6772422	156.8261044	Yes
0.261	138.8	183.6236488	160.5584436	Yes
0.288	103.6	145.6589028	145.3992939	Yes
0.274	69.65	158.6736177	165.7890925	Yes
0.219	47.68	175.2681686	164.4624557	Yes
0.143	24.47	136.1197215	144.7389821	Yes
0.244	35.92	149.8529579	146.8683401	Yes
0.34	50.21	183.0006155	165.1971986	Yes
0.378	47.64	175.1538633	165.5265287	Yes
0.521	53.55	190.7685782	167.4023281	Yes
0.702	55.75	184.7294423	168.8606167	Yes
0.885	57.08	181.3872153	167.6520033	Yes
0.813	53.61	190.5948753	171.9434405	Yes

11.54
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9/9/2019	07:24	19.13	0.212
9/9/2019	07:25	19.23	0.207
9/9/2019	07:26	19.3	0.273
9/9/2019	07:27	19.36	0.333
9/9/2019	07:28	19.41	0.261
9/9/2019	07:29	19.46	0.508
9/9/2019	07:30	19.49	0.448
9/9/2019	07:31	19.52	0.458
9/9/2019	07:32	19.56	0.333
9/9/2019	07:33	19.62	0.436
9/9/2019	07:34	19.64	0.422
9/9/2019	07:35	19.66	0.555
9/9/2019	07:36	19.68	0.532
9/9/2019	07:37	19.73	0.565
9/9/2019	07:38	19.82	0.677
9/9/2019	07:39	19.85	0.448
9/9/2019	07:40	19.92	0.404
9/9/2019	07:41	20.03	0.324
9/9/2019	07:42	20.08	0.302
9/9/2019	07:43	20.21	0.295
9/9/2019	07:44	20.27	0.4
9/9/2019	07:45	20.36	0.404
9/9/2019	07:46	20.42	0.456
9/9/2019	07:47	20.39	0.577
9/9/2019	07:48	20.37	0.485
9/9/2019	07:49	20.47	0.399
9/9/2019	07:50	20.48	0.568
9/9/2019	07:51	20.43	0.534
9/9/2019	07:52	20.47	0.707
9/9/2019	07:53	20.49	0.508
9/9/2019	07:54	20.63	0.438
9/9/2019	07:55	20.74	0.518
9/9/2019	07:56	20.79	0.731
9/9/2019	07:57	20.75	0.549
9/9/2019	07:58	20.83	0.576
9/9/2019	07:59	20.92	0.402
9/9/2019	08:00	21	0.435
9/9/2019	08:01	21.02	0.588
9/9/2019	08:02	20.98	0.484
9/9/2019	08:03	21.08	0.334
9/9/2019	08:04	21.09	0.48
9/9/2019	08:05	21.05	0.623
9/9/2019	08:06	21.06	0.483
9/9/2019	08:07	21.05	0.514
9/9/2019	08:08	21.08	0.535
9/9/2019	08:09	21.11	0.406
9/9/2019	08:10	21.16	0.467
9/9/2019	08:11	21.25	0.409
9/9/2019	08:12	21.29	0.434
9/9/2019	08:13	21.42	0.382
9/9/2019	08:14	21.52	0.342

269.5	144.4374183	19.65	0.531
279.9	144.4833098	19.7	0.435
269.1	144.530992	19.74	0.563
280.2	144.5555056	19.79	0.544
278.2	144.1500472	19.83	0.574
279.6	144.4151432	19.88	0.642
289.1	148.5988232	19.94	0.637
289.1	148.5988232	20	0.673
283.8	145.7403654	20.05	0.579
282.7	145.3153153	20.11	0.545
279.1	144.310461	20.15	0.774
276.2	143.9217129	20.19	0.803
279.7	144.4374183	20.22	0.749
288	147.8918251	20.26	0.739
290.5	149.5886665	20.31	0.823
284.7	146.1301527	20.37	0.853
319.3	181.9973899	20.45	0.698
296.8	155.3841351	20.56	0.523
304.8	166.4581678	20.64	0.508
291.5	150.3590693	20.74	0.413
289.8	149.0809751	20.83	0.581
296	154.5187706	20.91	0.571
289.7	149.010542	21.02	0.533
285.8	146.658692	21.09	0.788
267.4	145.0090396	21.16	0.695
294.3	152.8094541	21.25	0.54
266.8	145.2090977	21.33	1.017
281.4	144.8847909	21.33	0.856
293	151.6168585	21.34	1.044
288.5	148.2055809	21.38	0.776
286.6	147.0796431	21.46	0.715
307.8	171.9308504	21.5	0.731
302	162.0444998	21.56	1.087
302.5	162.7870502	21.58	1.012
310.2	176.9345288	21.65	0.95
303.3	164.0155381	21.74	0.546
319.4	181.6772422	21.85	0.733
320.1	179.4825368	21.93	0.714
310.3	177.156161	21.91	0.63
325.8	164.2624968	21.94	0.436
287.2	147.415851	21.96	0.56
285	146.2685776	21.93	0.773
282.8	145.3516416	21.87	0.737
295.1	153.5922617	21.82	0.793
282.5	145.2440439	21.81	0.807
294.4	152.9052402	21.83	0.536
283.3	145.540202	21.9	0.693
289.7	149.010542	21.96	0.531
313.1	192.5757179	22.08	0.678
314	192.5757179	22.2	0.604
302.8	163.2418433	22.32	0.587

49.42	180.4758733	19.63	0.551
50.32	183.3605568	19.67	0.469
54.12	189.1394036	19.71	0.601
58.83	177.3119558	19.75	0.694
58.81	177.3565677	19.8	0.698
58.86	177.2451207	19.85	0.66
66.57	162.9832672	19.9	0.708
67.35	161.8254511	19.95	0.632
61.69	171.3654643	20	0.635
61.08	172.5642187	20.06	0.679
61.11	172.5044135	20.1	0.782
56.68	182.3693016	20.14	0.863
63.32	168.3347129	20.17	0.893
72.6	155.1640479	20.2	0.795
68.9	159.6596036	20.24	0.962
68.39	160.3528743	20.29	0.932
98	144.1192747	20.35	0.611
92.8	143.936624	20.45	0.514
78.26	149.9210435	20.52	0.542
76.09	151.7140307	20.61	0.451
75.95	151.8386947	20.68	0.641
64.89	165.6397717	20.77	0.589
71.89	155.9568196	20.86	0.646
61.29	172.1474402	20.91	0.836
54.4	188.3560461	20.98	0.708
61.81	171.1338775	21.06	0.528
56.93	181.753218	21.11	1.007
57.53	180.3053786	21.11	0.967
74.92	152.7903671	21.13	0.978
67.05	162.2652559	21.17	0.764
68.58	160.0924113	21.26	0.847
89	144.5555056	21.3	0.696
82.4	147.1897488	21.35	1.006
85.6	145.6589028	21.38	0.907
99.8	144.4601404	21.43	0.783
98.8	144.2529947	21.52	0.478
109.7	149.010542	21.61	0.682
105.4	146.4598058	21.68	0.613
93.2	143.9085582	21.68	0.554
108.2	148.0158154	21.72	0.44
75.77	152.0006132	21.74	0.539
71.03	156.9604619	21.73	0.753
68.41	160.3253342	21.7	0.865
84.3	146.2219614	21.67	0.796
79.61	148.9336661	21.67	0.818
83.8	146.4598058	21.7	0.469
66.38	163.2724125	21.76	0.694
74.55	153.1472753	21.82	0.542
104.4	145.9959883	21.91	0.724
97.7	144.0764313	22.02	0.59
93.9	143.8763375	22.12	0.573

59.52	175.7995146	19.61	0.63	35.38	149.0050648	19.63
57.06	181.4358587	19.65	0.547	39.9	156.8559046	19.67
60.05	174.6722702	19.69	0.703	42.74	162.7658481	19.7
64.28	166.6616883	19.74	0.757	48.74	178.3846348	19.74
63.65	167.7505176	19.78	0.685	54.17	188.9987095	19.78
64.32	166.5937116	19.83	0.769	46.3	171.4565408	19.83
71.79	156.0710586	19.88	0.831	58.54	177.9631591	19.88
71.29	156.6519502	19.94	0.876	55.66	184.9636885	19.94
63.39	168.2099863	19.99	0.764	51.74	188.2008987	19.98
64.05	167.0552158	20.04	0.78	50.66	184.4864291	20.03
66.09	163.7192024	20.08	0.94	50.15	182.8051624	20.07
65.33	164.9219445	20.12	0.962	49.15	179.6366553	20.11
68.83	159.7536546	20.15	0.963	54.48	188.1342436	20.14
78.24	149.9363969	20.18	0.941	61.74	171.2688024	20.18
74.32	153.3732081	20.22	1.143	58.22	178.6926355	20.21
73.97	153.7230632	20.26	1.035	58.1	178.969176	20.25
95.1	143.8710782	20.32	0.82	88.4	144.7120259	20.33
90.6	144.2169051	20.41	0.693	78.99	149.3752126	20.42
78.65	149.6259182	20.48	0.67	67.97	160.9379513	20.48
77.13	150.8223931	20.56	0.649	68.86	159.7133042	20.56
79.63	148.9197562	20.61	0.774	65.12	165.2625504	20.61
73.72	153.9774628	20.7	0.764	55.86	184.444563	20.7
71.83	156.0252859	20.79	0.78	61.46	171.8132067	20.79
69.02	159.499184	20.83	1.057	56.38	183.1187574	20.82
58.68	177.6476208	20.88	0.899	50.2	182.967997	20.87
64.92	165.5903198	20.96	0.773	56.92	181.777715	20.95
64.77	165.8383297	20.99	1.254	50.28	183.2294272	20.97
63.01	168.8923418	20.98	1.182	51.98	189.0559516	20.96
78.02	150.1067003	21	1.265	63.25	168.4598762	20.98
72.84	154.9032523	21.05	0.993	60.51	173.7175396	21.04
70.87	157.1525308	21.15	0.965	59.57	175.6919063	21.14
87.7	144.915171	21.2	0.973	81.6	147.6498563	21.19
85.4	145.7403654	21.26	1.341	75.92	151.8655531	21.25
86.7	145.2440439	21.29	1.306	77.91	150.1928282	21.27
96.7	143.962286	21.34	1.234	86.5	145.3153153	21.33
99.1	144.310461	21.41	0.799	86.1	145.4633897	21.41
106.5	147.0253234	21.5	0.992	103.2	145.5015641	21.49
101.6	144.9460055	21.56	0.974	93.3	143.9026392	21.55
90.4	144.2529947	21.57	0.898	84.5	146.1301527	21.55
105.4	146.4598058	21.61	0.661	93.5	143.8921176	21.59
76.74	151.149693	21.65	0.799	68.02	160.8676218	21.63
77.6	150.439072	21.64	1.008	64.39	166.475081	21.62
71.35	156.5813848	21.62	1.058	63.36	168.2633872	21.59
85.6	145.6589028	21.6	1.092	79.6	148.9406289	21.56
81.2	147.8918251	21.6	1.105	74.34	153.3534372	21.56
86.6	145.2794496	21.64	0.796	76.68	151.2007954	21.61
72.13	155.6852594	21.7	0.983	62.33	170.1461127	21.66
80	148.6661534	21.75	0.849	72.89	154.8493719	21.71
99.8	144.4601404	21.83	0.985	91.4	144.0902707	21.8
98.1	144.1344398	21.93	0.893	92.7	143.9447385	21.9
92.8	143.936624	22.03	0.841	87.3	145.0412401	22.01

0.661	50.29	183.2621837	166.5960109	Yes
0.63	56.36	183.169119	169.8609498	Yes
0.827	58.28	178.5549789	169.9326986	Yes
0.911	60.72	173.2888462	168.0405261	Yes
0.787	66.72	162.7569792	168.2025642	Yes
0.939	59.55	175.7349178	167.0890868	Yes
0.9	68.7	159.929249	161.1091114	Yes
0.873	65.5	164.6488595	163.3377545	Yes
0.885	63.53	167.9618381	168.2957106	Yes
0.921	64.72	165.9214177	167.0685193	Yes
0.97	61.94	170.8845418	166.8447562	Yes
1.005	62.43	169.9590645	168.1617358	Yes
1.079	65.89	164.0312144	164.9382488	Yes
0.976	74.08	153.612319	155.5746783	Yes
1.274	70.59	157.4927457	159.7613719	Yes
1.169	69.82	158.4555815	159.5261695	Yes
0.826	92.8	143.936624	151.7272785	Yes
0.727	86.3	145.3884291	147.6602612	Yes
0.793	74.43	153.264762	156.0415686	Yes
0.677	80.6	148.2698482	152.1757291	Yes
0.815	76.63	151.2435338	153.269102	Yes
0.911	67.74	161.2638448	163.9688826	Yes
0.915	71.65	156.2320749	157.8075858	Yes
1.1	67.2	162.0444998	164.6937147	Yes
1.027	66.01	163.8436251	171.5648657	Yes
0.804	65.99	163.8748103	167.0372354	Yes
1.321	63.39	168.2099863	168.8480118	Yes
1.354	63.75	167.5753839	170.1427694	Yes
1.339	74.53	153.1667973	155.2281199	Yes
1.057	69.83	158.442818	159.5068893	Yes
1.082	72.41	155.3730709	159.0779125	Yes
0.989	89.5	144.4374183	150.6977603	Yes
1.405	83.5	146.6082498	150.6896834	Yes
1.371	87.2	145.0738969	149.7913444	Yes
1.215	94.2	143.869106	150.9082753	Yes
0.805	92.1	144.0026586	148.4090084	Yes
1.044	107.3	147.4736091	154.1376562	Yes
1.049	98.3	144.1660972	151.7914169	Yes
0.902	92.3	143.9815923	151.0858918	Yes
0.628	99.1	144.310461	149.3881393	Yes
0.835	77.24	150.7315951	152.4330748	Yes
1.067	72.98	154.7527784	154.9791942	Yes
1.215	71.52	156.3827246	157.3808945	Yes
1.185	86.4	145.3516416	147.9530793	Yes
1.205	80.3	148.4657012	148.7777347	Yes
0.835	80	148.6661534	148.9022889	Yes
1.06	69.39	159.0109605	158.7309894	Yes
0.977	78.98	149.3824992	151.0111684	Yes
1.056	98.3	144.1660972	154.2576429	Yes
0.902	99.4	144.3719327	153.820652	Yes
0.9	95.5	143.8833505	147.9958791	Yes

16.04
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9/9/2019	08:15	21.61	0.433
9/9/2019	08:16	21.53	0.387
9/9/2019	08:17	21.73	0.324
9/9/2019	08:18	21.89	0.312
9/9/2019	08:19	21.89	0.586
9/9/2019	08:20	21.71	0.647
9/9/2019	08:21	21.82	0.481
9/9/2019	08:22	21.81	0.644
9/9/2019	08:23	21.8	0.458
9/9/2019	08:24	21.71	0.928
9/9/2019	08:25	21.7	0.636
9/9/2019	08:26	21.83	0.604
9/9/2019	08:27	21.99	0.597
9/9/2019	08:28	22.22	0.47
9/9/2019	08:29	22.41	0.621
9/9/2019	08:30	22.71	0.615
9/9/2019	08:31	22.86	0.497
9/9/2019	08:32	22.93	0.724
9/9/2019	08:33	22.91	0.534
9/9/2019	08:34	23.07	0.66
9/9/2019	08:35	23.17	0.733
9/9/2019	08:36	23.3	0.673
9/9/2019	08:37	23.45	0.702
9/9/2019	08:38	23.54	0.616
9/9/2019	08:39	23.63	0.726
9/9/2019	08:40	23.79	0.642
9/9/2019	08:41	23.95	0.852
9/9/2019	08:42	24.12	0.774
9/9/2019	08:43	24.29	0.695
9/9/2019	08:44	24.43	0.746
9/9/2019	08:45	24.51	0.911
9/9/2019	08:46	24.59	0.598
9/9/2019	08:47	24.66	0.766
9/9/2019	08:48	24.77	0.673
9/9/2019	08:49	24.98	0.594
9/9/2019	08:50	25.16	0.739
9/9/2019	08:51	25.23	0.725
9/9/2019	08:52	25.3	0.67
9/9/2019	08:53	25.44	0.63
9/9/2019	08:54	25.57	0.783
9/9/2019	08:55	25.68	0.914
9/9/2019	08:56	25.78	0.876
9/9/2019	08:57	26.08	0.639
9/9/2019	08:58	26.43	0.696
9/9/2019	08:59	26.81	0.71
9/9/2019	09:00	27.21	0.753
9/9/2019	09:01	27.7	0.722
9/9/2019	09:02	28.13	0.778
9/9/2019	09:03	28.57	0.628
9/9/2019	09:04	28.93	0.54
9/9/2019	09:05	29.29	0.658

297.8	156.5227599	22.45	0.67
314.1	192.5757179	22.53	0.662
309	174.3585583	22.64	0.537
310.9	178.509184	22.75	0.667
318.6	184.28627	22.82	0.892
334.3	148.2703958	22.82	0.857
323.3	170.4007875	22.88	0.705
329.7	156.0881634	22.9	0.916
320.4	178.5661959	22.91	0.837
332.7	150.7894808	22.93	1.238
329.5	156.470139	22.95	1.051
349.7	132.4701664	23	1
340.9	139.8069561	23.12	0.866
339.6	141.2500277	23.32	0.721
329	157.4417417	23.5	0.926
312.5	192.5757179	23.66	0.937
329.8	155.8985853	23.81	0.798
335.3	146.7956779	23.92	1.12
332.8	150.6260744	23.85	0.919
321.2	176.1911131	23.88	1.18
308.5	173.3294827	23.89	1.142
320.8	177.3663815	23.88	1.047
338.3	142.7974765	23.93	1.092
330.7	154.2338617	23.92	1.313
336.1	145.6685335	23.84	1.227
323.5	169.8808638	23.8	1.158
346.9	134.3772185	23.85	1.051
327.8	159.8738411	23.9	1.43
325.5	164.9592071	23.9	1.376
329.7	156.0881634	23.88	1.369
331.1	153.51742	23.82	1.517
326.8	162.0137796	23.75	0.967
345.5	135.4739906	23.74	1.23
328	159.4584123	23.77	1.195
324.8	166.6259865	23.85	1.021
346.8	134.4523139	24.01	1.055
335.4	146.6522652	24.11	1.201
338.3	142.7974765	24.18	1.093
333.4	149.6625543	24.27	0.99
331.9	152.1263931	24.32	1.276
347.2	134.1548834	24.32	1.362
347.9	133.6531567	24.34	1.316
322.1	173.6334397	24.44	1.221
331.4	152.989316	24.57	1.264
354	130.2384741	24.76	1.353
342.4	138.2655439	24.93	1.043
332.5	151.1187431	25.2	1.21
313.2	192.5757179	25.35	1.468
317.7	187.3568179	25.48	1.26
317.4	188.4136263	25.65	1.271
324.6	167.1130196	25.84	1.065

88.3	144.7396894	22.23	0.571
99	144.2908609	22.31	0.657
93.6	143.8875148	22.4	0.538
99.7	144.4374183	22.51	0.559
111.3	150.2006904	22.56	0.916
123.2	163.8592137	22.58	0.98
118.6	157.480505	22.65	0.811
117.4	156.0596058	22.67	0.927
107.9	147.8305829	22.7	0.847
127.9	172.1277015	22.71	1.397
121	160.6159553	22.74	1.154
135.4	190.048269	22.8	1.104
129.5	175.4133646	22.9	1.006
125.9	168.3704292	23.07	0.929
115.1	153.5922617	23.23	1.09
101.7	144.9772949	23.39	1.03
121.1	160.7554768	23.53	0.983
121.9	161.8982783	23.61	1.414
117.9	156.6401729	23.56	1.117
107.1	147.3585869	23.58	1.098
98.1	144.1344398	23.57	1.284
117.4	156.0596058	23.57	1.21
119.4	158.4811294	23.63	1.257
118.7	157.6032138	23.61	1.494
118.6	157.480505	23.56	1.523
112.9	151.5291125	23.53	1.372
130.7	178.0537144	23.6	1.246
121.7	161.6081001	23.65	1.721
117.4	156.0596058	23.66	1.552
117.3	155.945431	23.63	1.62
123.5	164.3305874	23.57	1.651
119.7	158.8676643	23.52	1.377
133	183.5738179	23.51	1.418
115.1	153.5922617	23.55	1.409
116.8	155.3841351	23.64	1.242
128.6	173.5332689	23.79	1.396
123.3	164.0155381	23.89	1.266
117.8	156.5227599	23.96	1.179
119.9	159.1288318	24.03	1.144
121.1	160.7554768	24.09	1.469
135.8	191.2051427	24.09	1.671
127.5	171.3461128	24.11	1.558
107	147.3018158	24.2	1.312
113	151.6168585	24.31	1.327
134.8	188.3560461	24.48	1.642
123	163.5489495	24.63	1.19
111.6	150.439072	24.87	1.356
101.5	144.915171	24.97	1.573
105.7	146.6082498	25.1	1.236
107.9	147.8305829	25.26	1.195
109.6	148.9406289	25.45	1.222

89	144.5555056	22.13	0.907	79.13	149.2737512	22.11
98.9	144.2717056	22.2	1.044	92.1	144.0026586	22.19
93.8	143.8796248	22.28	0.776	87.3	145.0412401	22.27
102.4	145.2090977	22.38	0.886	93.2	143.9085582	22.37
109	148.5320061	22.44	1.232	99.7	144.4374183	22.44
121.4	161.1784514	22.46	1.177	113.6	152.1552339	22.47
117.6	156.2898875	22.53	1.003	107.5	147.5906108	22.53
117.3	155.945431	22.56	1.277	108.8	148.3999072	22.55
112	150.7645356	22.59	1.207	104.8	146.17582	22.58
125.4	167.4881453	22.61	1.683	116.5	155.0549457	22.59
121.4	161.1784514	22.63	1.384	112.3	151.0143979	22.63
135.3	189.7626755	22.68	1.401	126.5	169.4586546	22.68
130.8	178.2808867	22.77	1.117	122.6	162.9378699	22.77
130.9	178.509184	22.92	0.974	118.8	157.7265948	22.96
117.6	156.2898875	23.07	1.165	104.8	146.17582	23.11
103.6	145.6589028	23.22	1.252	94.8	143.8664765	23.25
125.1	166.9692794	23.35	1.012	112.7	151.3553066	23.38
120.4	159.7940691	23.41	1.592	112.5	151.183739	23.42
120.3	159.6596036	23.36	1.272	109.6	148.9406289	23.36
105.7	146.6082498	23.39	1.495	95.9	143.9026392	23.36
100.6	144.6580519	23.38	1.675	91.6	144.0630334	23.34
117.9	156.6401729	23.37	1.393	111.9	150.682349	23.34
121.2	160.8957315	23.43	1.528	114.2	152.7142528	23.39
121.4	161.1784514	23.42	1.791	113.1	151.7051686	23.37
118.5	157.3584661	23.38	1.752	109.5	148.8712346	23.32
115.3	153.7939153	23.37	1.642	106.1	146.8129126	23.32
133.1	183.8283932	23.44	1.349	123.1	163.7036852	23.4
121.4	161.1784514	23.49	1.92	113.7	152.2469608	23.45
119.4	158.4811294	23.5	1.808	109.1	148.5988232	23.46
117.4	156.0596058	23.48	1.897	109.6	148.9406289	23.45
125.1	166.9692794	23.43	2.03	116.8	155.3841351	23.38
120.9	160.4771641	23.37	1.587	113.9	152.4321413	23.32
130.7	178.0537144	23.38	1.775	120.5	159.929249	23.34
117.3	155.945431	23.43	1.624	108	147.8918251	23.4
118.4	157.2370948	23.51	1.413	108.5	148.2055809	23.47
127	170.3906689	23.65	1.417	117	155.6067462	23.61
124.7	166.2895033	23.75	1.614	116.2	154.7313813	23.72
120	159.2604663	23.82	1.433	110.7	149.7384694	23.78
121.6	161.4641376	23.88	1.297	111.8	150.6007104	23.85
123.3	164.0155381	23.94	1.695	114.9	153.3930028	23.9
133.5	184.8594495	23.95	1.915	125.8	168.1922038	23.9
128.8	173.943875	23.96	1.753	119.3	158.3536654	23.91
109.7	149.010542	24.04	1.63	98.4	144.18259	24
115.2	153.6927882	24.14	1.629	105.8	146.658692	24.08
133.4	184.5997584	24.28	1.811	124.7	166.2895033	24.21
125.2	167.1413681	24.41	1.32	115.8	154.3086209	24.34
114.9	153.3930028	24.63	1.662	104.6	146.0849588	24.55
105.3	146.4112828	24.72	1.882	97.4	144.0375611	24.61
107.2	147.415851	24.84	1.515	96.9	143.9815923	24.72
110.7	149.7384694	24.99	1.544	104.2	145.9089029	24.85
115	153.4923338	25.17	1.373	104.8	146.17582	25.04

0.953	88.2	144.7678047	147.9719021	Yes
1.07	101.1	144.796372	153.987463	Yes
0.825	92.3	143.9815923	150.2297061	Yes
0.851	101	144.7678047	151.3664126	Yes
1.33	108	147.8918251	155.069642	Yes
1.255	120.8	160.3391006	157.1604791	Yes
1.136	115.4	153.8956445	157.1314871	Yes
1.337	117	155.6067462	154.4199707	Yes
1.235	113.2	151.7940443	155.0262357	Yes
1.888	121.3	161.0367221	161.2993991	Yes
1.497	116.4	154.9464686	156.8450824	Yes
1.517	131.8	180.615438	172.4710407	Yes
1.264	129.4	175.2003149	166.3278784	Yes
1.087	129.6	175.6274687	164.2967409	Yes
1.235	113.7	152.2469608	153.1493343	Yes
1.316	99.3	144.3509966	154.2858777	Yes
1.07	120.3	159.6596036	158.9276503	Yes
1.867	120.6	160.0651457	155.947382	Yes
1.424	114.6	153.0985737	153.7930107	Yes
1.484	102.5	145.2440439	151.8609266	Yes
1.68	99.9	144.4833098	150.1336635	Yes
1.566	118.5	157.3584661	159.6213951	Yes
1.73	120.3	159.6596036	154.9096387	Yes
2.021	118.1	156.8769637	156.3195319	Yes
2.009	114.4	152.9052402	152.4567959	Yes
1.782	113.5	152.0640803	154.8161769	Yes
1.566	129.2	174.7773583	166.9480739	Yes
2.18	120.3	159.6596036	158.9133914	Yes
1.938	116.8	155.3841351	156.6965801	Yes
2.146	118.3	157.1163888	154.8300436	Yes
2.278	122.6	162.9378699	160.6278584	Yes
1.909	121.6	161.4641376	159.0509774	Yes
1.923	124.6	166.1216858	164.6304915	Yes
1.808	115	153.4923338	154.0760528	Yes
1.608	116.4	154.9464686	156.4798531	Yes
1.625	123.5	164.3305874	159.6627171	Yes
1.55	126.3	169.0922914	160.1561959	Yes
1.494	117.2	155.8318976	152.8302139	Yes
1.464	117	155.6067462	155.2925961	Yes
1.835	123.3	164.0155381	158.8611898	Yes
2.16	130.7	178.0537144	171.2930787	Yes
1.902	125	166.7980522	160.8189724	Yes
1.676	105.7	146.6082498	152.1473274	Yes
1.709	112.6	151.2692438	151.2453797	Yes
2.139	131.4	179.6677453	169.8303054	Yes
1.491	122.6	162.9378699	157.2404705	Yes
1.787	111.1	150.0444711	150.2160496	Yes
2.086	104.9	146.2219614	154.8323388	Yes
1.606	104.1	145.8660653	154.2457153	Yes
1.612	111.4	150.2796092	156.4342381	Yes
1.51	110.1	149.2954063	153.0034417	Yes

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9/9/2019	09:07	29.57	0.567
9/9/2019	09:08	29.8	0.85
9/9/2019	09:09	29.68	0.831
9/9/2019	09:10	29.83	0.77
9/9/2019	09:11	29.79	0.858
9/9/2019	09:12	29.86	0.823
9/9/2019	09:13	29.89	1.127
9/9/2019	09:14	29.99	1.116
9/9/2019	09:15	30.27	0.96
9/9/2019	09:16	30.47	0.854
9/9/2019	09:17	30.44	0.978
9/9/2019	09:18	30.48	1.018
9/9/2019	09:19	30.49	0.912
9/9/2019	09:20	30.57	0.873
9/9/2019	09:21	30.69	0.98
9/9/2019	09:22	30.9	0.697
9/9/2019	09:23	31.28	0.808
9/9/2019	09:24	31.42	0.881
9/9/2019	09:25	31.52	0.741
9/9/2019	09:26	31.91	0.749
9/9/2019	09:27	32.35	0.546
9/9/2019	09:28	32.75	0.883
9/9/2019	09:29	32.67	0.877
9/9/2019	09:30	32.36	0.908
9/9/2019	09:31	32.73	0.647
9/9/2019	09:32	32.92	1.043
9/9/2019	09:33	32.92	0.736
9/9/2019	09:34	33.28	0.782
9/9/2019	09:35	33.4	0.612
9/9/2019	09:36	33.58	0.966
9/9/2019	09:37	33.36	0.774
9/9/2019	09:38	33.26	0.65
9/9/2019	09:39	33.25	0.722
9/9/2019	09:40	33.01	0.687
9/9/2019	09:41	32.97	0.99
9/9/2019	09:42	32.77	0.83
9/9/2019	09:43	32.96	0.628
9/9/2019	09:44	33.25	0.84
9/9/2019	09:45	33.53	1.124
9/9/2019	09:46	33.88	0.814
9/9/2019	09:47	33.86	1.097
9/9/2019	09:48	33.86	1.122
9/9/2019	09:49	33.83	0.804
9/9/2019	09:50	34.01	0.934
9/9/2019	09:51	34.27	0.586
9/9/2019	09:52	34.31	1.048
9/9/2019	09:53	33.63	1.066
9/9/2019	09:54	33.43	0.862
9/9/2019	09:55	33.22	0.846
9/9/2019	09:56	32.76	0.817

325.9	164.0325631	25.9	1.303
319.3	181.9973899	25.92	1.211
336.5	145.1219829	26.02	1.403
309.7	175.8426324	25.92	1.595
325.8	164.2624968	25.86	1.424
337.4	143.9325875	25.88	1.347
359.2	128.5866722	26	1.241
4.812	128.0168763	26.15	1.496
325.4	165.1937679	26.3	1.477
327.5	160.5047386	26.38	1.602
339.5	141.3652945	26.44	1.35
356.1	129.4377621	26.55	1.429
337.6	143.6757156	26.68	1.382
326.5	162.6767095	26.72	1.285
313.8	192.5757179	26.71	1.402
334.6	147.8201441	26.78	1.331
329.4	156.6625457	26.88	1.094
329.6	156.2786798	27.17	1.271
322	173.9118416	27.3	1.489
313.4	192.5757179	27.34	1.205
335.5	146.5095784	27.54	1.147
323.5	169.8808638	27.69	1.002
334.3	148.2703958	27.8	1.194
341.4	139.278727	27.71	1.411
344.3	136.4937737	27.53	1.356
314.8	192.5757179	27.47	1.261
352.7	130.8276183	27.54	1.455
343.5	137.2158368	27.59	1.085
321	176.7757169	27.74	1.275
318.7	183.9540825	27.75	1.171
326.9	161.7949854	27.8	1.446
320.4	178.5661959	27.82	1.12
317.5	188.0594614	27.78	1.015
322.9	171.4565408	27.82	1.07
328.6	158.2364782	27.81	1.027
322.7	171.9924951	27.83	1.397
334.9	147.3766469	27.76	1.054
303.8	164.8092124	27.85	0.989
332.5	151.1187431	27.98	1.253
348.9	132.977145	28.14	1.626
335.6	146.3676144	28.33	1.445
337.4	143.9325875	28.47	1.777
334.4	148.1195561	28.53	1.572
328.6	158.2364782	28.58	1.5
340.3	140.4603245	28.66	1.166
322.6	172.2625195	28.82	0.953
316.6	191.31691	28.89	1.499
318.8	183.6236488	28.63	1.705
343.7	137.032099	28.54	1.123
328.1	159.2522329	28.55	1.463
317.8	187.0083138	28.48	1.382

111.2	150.1223115	25.47	1.41
110	149.2234061	25.47	1.335
119.2	158.226888	25.58	1.503
97	143.9919054	25.47	1.456
109.3	148.733998	25.44	1.451
125.1	166.9692794	25.48	1.479
144.5	167.3583715	25.58	1.537
148.7	158.0363201	25.74	1.602
112.8	151.441929	25.89	1.581
109.5	148.8712346	25.95	1.626
129	174.3585583	26.02	1.54
148.5	158.4376272	26.08	1.802
130.2	176.9345288	26.21	1.342
107.1	147.3585869	26.27	1.36
94.1	143.8710782	26.28	1.307
120.3	159.6596036	26.36	1.41
119.2	158.226888	26.48	1.073
123.7	164.6488595	26.76	1.336
111.4	150.2796092	26.87	1.402
104.4	145.9959883	26.88	1.351
122.3	162.4877295	27.07	1.063
118.4	157.2370948	27.21	1.083
114.6	153.0985737	27.33	1.3
135.5	190.3353042	27.22	1.436
131	178.7386118	27.01	1.534
114.8	153.294267	27	1.261
136.9	190.2134023	27.1	1.358
133.4	184.5997584	27.12	1.058
106.3	146.9181461	27.28	1.331
112.5	151.183739	27.3	1.134
124.2	165.4588142	27.36	1.574
109.8	149.0809751	27.39	1.064
110.1	149.2954063	27.33	0.932
112.1	150.8472717	27.4	1.086
116.8	155.3841351	27.42	0.997
106.2	146.8652868	27.44	1.272
125.4	167.4881453	27.38	1.164
100	144.5069269	27.49	0.9
126.4	169.2750169	27.61	1.336
137.2	189.1277069	27.77	1.781
133.3	184.3413566	27.99	1.499
128	172.3255294	28.1	1.925
127.5	171.3461128	28.16	1.718
133.5	184.8594495	28.19	1.575
135.7	190.9137326	28.25	1.348
121.9	161.8982783	28.41	1.093
103.5	145.6188708	28.47	1.473
108.8	148.3999072	28.23	1.663
140.9	177.070287	28.18	1.62
126.2	168.9104738	28.19	1.399
115.3	153.7939153	28.13	1.336

114.6	153.0985737	25.17	1.684	106.5	147.0253234	25.03
112.8	151.441929	25.16	1.668	103.3	145.540202	25.03
120	159.2604663	25.26	1.719	111.2	150.1223115	25.12
99.8	144.4601404	25.16	2.037	92.1	144.0026586	25.01
111.8	150.6007104	25.16	1.798	104.3	145.9522103	25.01
125	166.7980522	25.21	1.701	117.3	155.945431	25.06
140.7	177.6640101	25.29	1.665	136.6	191.31691	25.14
144.7	166.8688935	25.44	1.808	138.4	184.9559525	25.29
113.8	152.3392627	25.59	1.949	107.1	147.3585869	25.44
109.7	149.010542	25.65	2.074	105.1	146.3156694	25.46
130.3	177.156161	25.71	1.652	123.8	164.8092124	25.52
143.7	169.3661605	25.77	1.91	139	182.967997	25.59
130.4	177.3788901	25.88	1.697	125	166.7980522	25.72
109.5	148.8712346	25.96	1.757	98.9	144.2717056	25.83
95.6	143.8875148	26	1.812	90.4	144.2529947	25.85
118.2	156.9963458	26.08	1.664	112.8	151.441929	25.9
117.7	156.4059988	26.18	1.35	114.6	153.0985737	26.03
121	160.6159553	26.46	1.694	111.6	150.439072	26.3
108.6	148.2698482	26.54	2.08	103.8	145.7403654	26.32
103.8	145.7403654	26.53	1.558	96.6	143.9532925	26.32
120.9	160.4771641	26.7	1.486	117.5	156.1744239	26.47
118.7	157.6032138	26.84	1.223	105.5	146.5088075	26.62
113.3	151.8834871	26.96	1.697	103.6	145.6589028	26.75
135.6	190.6237893	26.83	1.784	129.2	174.7773583	26.59
128.6	173.5332689	26.63	1.786	122.5	162.7870502	26.4
112.5	151.183739	26.64	1.686	103.8	145.7403654	26.46
133.2	184.0842372	26.75	1.947	129.9	176.2761595	26.56
128.2	172.724134	26.73	1.353	124.9	166.6276829	26.52
105.3	146.4112828	26.92	1.802	96.8	143.9717192	26.71
112.7	151.3553066	26.96	1.499	107.6	147.6498563	26.76
123.3	164.0155381	27.01	1.879	112.7	151.3553066	26.82
106.9	147.2455367	27.02	1.674	101.4	144.8847909	26.83
107.9	147.8305829	26.97	1.402	103.9	145.7817973	26.8
110.9	149.8904009	27.06	1.566	99.9	144.4833098	26.87
114.3	152.8094541	27.1	1.376	107	147.3018158	26.92
105.5	146.5088075	27.11	1.897	96.4	143.936624	26.95
124.1	165.2951784	27.09	1.535	113.6	152.1552339	26.94
98.4	144.18259	27.2	1.462	92.1	144.0026586	27.04
125.3	167.3143222	27.33	1.789	117	155.6067462	27.15
134.5	187.5288517	27.47	2.184	126.1	168.7295603	27.28
134.6	187.8032029	27.7	1.922	125.2	167.1413681	27.53
127.2	170.7700049	27.79	2.471	118.1	156.8769637	27.59
127.9	172.1277015	27.85	2.128	122.7	163.0894665	27.65
132.4	182.0726285	27.89	1.959	125	166.7980522	27.7
135	188.9144624	27.93	1.675	126.6	169.6432085	27.74
126.6	169.6432085	28.07	1.375	112.6	151.2692438	27.9
103.8	145.7403654	28.16	2.057	96.2	143.9217129	28
106.3	146.9181461	27.95	2.357	99.9	144.4833098	27.76
141.7	174.7556358	27.92	1.59	128.8	173.943875	27.73
124.1	165.2951784	27.92	1.942	117	155.6067462	27.71
117.4	156.0596058	27.87	1.745	107.9	147.8305829	27.7

1.81	113.8	152.3392627	153.3236069	Yes
1.751	112.4	151.0987909	155.8603436	Yes
1.939	118.5	157.3584661	154.018023	Yes
2.063	100.9	144.7396894	150.6074052	Yes
1.873	113.7	152.2469608	152.3592753	Yes
1.844	124.9	166.6276829	160.0546066	Yes
2.081	138.6	184.28627	169.8424468	Yes
2.168	143.9	168.856618	161.3469321	Yes
2.12	116.5	155.0549457	154.2776985	Yes
2.416	111.6	150.439072	151.0282513	Yes
1.915	131.9	180.8553063	167.7089065	Yes
2.309	142.3	173.0808789	162.6580851	Yes
1.621	133.7	185.382728	170.0339829	Yes
1.824	108.6	148.2698482	150.289617	Yes
1.849	98.5	144.1995259	153.7573663	Yes
1.839	120.1	159.3928048	155.0621655	Yes
1.443	123.8	164.8092124	157.8406437	Yes
1.918	117.9	156.6401729	157.7245479	Yes
2.229	113.9	152.4321413	154.1267611	Yes
1.705	106.2	146.8652868	155.0261302	Yes
1.579	128.1	172.5243387	159.6346469	Yes
1.435	113.8	152.3392627	156.7138485	Yes
1.783	112.4	151.0987909	150.0020301	Yes
1.972	134.4	187.2558705	176.4542099	Yes
1.899	127.5	171.3461128	164.5797635	Yes
1.7	110.2	149.3679312	158.4324041	Yes
2.038	137.1	189.4876488	174.1778132	Yes
1.523	130.5	177.6027217	167.7540267	Yes
1.897	105.4	146.4598058	152.1073342	Yes
1.544	113.5	152.0640803	157.2414129	Yes
2.155	120.4	159.7940691	160.4837427	Yes
1.68	110.3	149.4409821	153.8436961	Yes
1.432	112.4	151.0987909	156.4132077	Yes
1.642	109.8	149.0809751	153.1516997	Yes
1.393	117.3	155.945431	153.9354628	Yes
1.847	105.1	146.3156694	151.1237766	Yes
1.719	122.9	163.3950032	159.1420415	Yes
1.456	103.2	145.5015641	148.6005904	Yes
2.054	125.9	168.3704292	162.3370515	Yes
2.423	133.1	183.8283932	172.4383314	Yes
1.975	133.8	185.6463296	174.2599743	Yes
2.585	125.5	167.6628412	162.3135853	Yes
2.32	134.2	186.7139875	168.2793649	Yes
2.169	132.3	181.8267455	174.7586708	Yes
1.878	138.8	183.6236488	174.7110754	Yes
1.447	124.3	165.6232794	164.1393059	Yes
2.084	104.6	146.0849588	154.5365636	Yes
2.424	111.4	150.2796092	154.7409242	Yes
2.097	139.2	182.3192244	169.0242242	Yes
2.074	126.4	169.2750169	163.6679296	Yes
1.823	119.3	158.3536654	160.6092166	Yes

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10.48

9/9/2019	09:57	32.61	0.585
9/9/2019	09:58	32.63	0.664
9/9/2019	09:59	32.76	0.742
9/9/2019	10:00	32.83	0.643
9/9/2019	10:01	32.95	0.692
9/9/2019	10:02	33.09	0.519
9/9/2019	10:03	33.3	0.751
9/9/2019	10:04	32.9	0.959
9/9/2019	10:05	31.02	1.143
9/9/2019	10:06	30.16	0.733
9/9/2019	10:07	30.13	1.137
9/9/2019	10:08	30.4	1.066
9/9/2019	10:09	30.63	0.888
9/9/2019	10:10	30.82	1.002
9/9/2019	10:11	30.95	1.009
9/9/2019	10:12	31.05	0.89
9/9/2019	10:13	31.18	0.938
9/9/2019	10:14	31.22	0.884
9/9/2019	10:15	31.17	1.085
9/9/2019	10:16	31.08	1.278
9/9/2019	10:17	31.1	1.006
9/9/2019	10:18	31.19	0.906
9/9/2019	10:19	31.23	1.227
9/9/2019	10:20	31.1	1.012
9/9/2019	10:21	31.01	0.98
9/9/2019	10:22	31	1.108
9/9/2019	10:23	30.98	0.87
9/9/2019	10:24	30.88	0.868
9/9/2019	10:25	30.73	0.95
9/9/2019	10:26	30.64	0.972
9/9/2019	10:27	30.63	0.762
9/9/2019	10:28	30.56	0.646
9/9/2019	10:29	30.48	0.822
9/9/2019	10:30	30.48	0.739
9/9/2019	10:31	30.56	0.598
9/9/2019	10:32	30.66	1.019
9/9/2019	10:33	30.28	1.099
9/9/2019	10:34	30.19	0.952
9/9/2019	10:35	30.41	0.989
9/9/2019	10:36	30.5	1.127
9/9/2019	10:37	30.68	0.863
9/9/2019	10:38	30.83	0.852
9/9/2019	10:39	30.79	1.062
9/9/2019	10:40	30.83	0.872
9/9/2019	10:41	30.84	1.137
9/9/2019	10:42	30.79	0.897
9/9/2019	10:43	30.74	0.749
9/9/2019	10:44	30.78	0.8
9/9/2019	10:45	30.86	1.059
9/9/2019	10:46	30.78	1.142
9/9/2019	10:47	30.75	0.876

326.2	163.3495837	28.4	1.289
329.4	156.6625457	28.46	1.128
335.8	146.0858429	28.57	1.137
322.9	171.4565408	28.66	1.299
331	153.695204	28.73	1.157
337.2	144.1921397	28.74	0.917
318.8	183.6236488	28.8	1.153
82.5	147.1344513	28.73	1.383
151.2	153.3405134	28.74	1.438
225.1	168.3521774	28.71	1.04
217.4	152.2972712	28.81	1.034
119.6	158.7381263	28.87	1.564
120.6	160.0651457	28.74	1.43
130.9	178.509184	28.61	1.417
122.3	162.4877295	28.63	1.445
120.2	159.5258496	28.7	1.297
134.4	187.2558705	28.88	1.005
123.9	164.9703808	28.99	0.944
114.2	152.7142528		
102.9	145.3884291		
107.5	147.5906108		
151.6	152.6415793		
155.5	146.5095784		
179.1	128.6080861		
158	143.1699306		
136.7	190.9470722		
138.3	185.293471		
174.4	130.0717042		
174.7	129.9510588		
172.7	130.8276183		0
131.5	179.9029136	29.15	0.744
126.7	169.8286827	29.27	0.676
151	153.695204	29.33	0.909
144	168.6037636	29.43	0.925
122.4	162.6370044	29.53	0.744
130.1	176.7139881	29.72	1.178
128.2	172.724134	29.7	1.397
142.4	172.8067032	29.8	1.176
141.5	175.3254093	30.17	1.07
149.2	157.0502204	30.35	1.305
142.6	172.2625195	30.59	0.963
170.1	132.2277664	30.78	1.006
144.6	167.1130196	30.73	1.1
138.4	184.9559525	30.74	0.974
161.9	138.7650022	30.72	1.264
147.4	160.717127	30.68	1.19
154.7	147.6715655	30.61	0.879
167.1	134.2285045	30.68	0.922
157.2	144.1921397	30.78	1.256
146.2	163.3495837	30.69	1.203
126.7	169.8286827	30.62	1.129

119	157.9753829	28.08	1.372
122.7	163.0894665	28.13	1.187
117.5	156.1744239	28.25	1.105
119.6	158.7381263	28.35	1.401
121	160.6159553	28.41	1.348
123.2	163.8592137	28.42	1.062
116.1	154.6247674	28.44	1.256
123.4	164.1726616	28.37	1.825
123.8	164.8092124	28.4	1.563
131.3	179.4337369	28.36	1.368
168.6	133.1749726	28.45	1.267
120.6	160.0651457	28.5	1.653
114.8	153.294267	28.38	1.649
100.9	144.7396894	28.25	1.321
108.2	148.0158154	28.29	1.284
107.9	147.8305829	28.37	1.46
115	153.4923338		
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109.2	148.6661534	28.88	0.938
130.7	178.0537144	28.94	1.297
116.5	155.0549457	29.06	1.038
96.3	143.9289489	29.17	0.72
104.1	145.8660653	29.39	0.945
98.5	144.1995259	29.41	1.178
108.5	148.2055809	29.53	0.934
119.8	158.9978987	29.89	1.034
127.7	171.7349716	29.97	1.52
116.5	155.0549457	30.14	1.072
147	161.577273	30.25	1.29
113.6	152.1552339	30.17	1.406
112.2	150.9305587	30.19	1.14
136.4	192.0626612	30.13	1.461
130.3	177.156161	30.11	1.452
135.6	190.6237893	30.05	1.116
138.6	184.28627	30.15	0.861
133.3	184.3413566	30.24	1.586
121.2	160.8957315	30.14	1.526
103	145.4256783	30.1	1.181

121.6	161.4641376	27.85	1.839	110.1	149.2954063	27.68
122.9	163.3950032	27.88	1.611	110.9	149.8904009	27.72
121.2	160.8957315	28.02	1.562	108.4	148.1418203	27.89
122.8	163.2418433	28.1	1.833	111.5	150.3590693	27.97
121	160.6159553	28.14	1.772	112.3	151.0143979	27.97
131.6	180.1392477	28.14	1.372	115.5	153.9979779	27.97
119.6	158.7381263	28.16	1.631	108.5	148.2055809	28.01
125.9	168.3704292	28.09	2.066	112.1	150.8472717	27.92
123	163.5489495	28.13	2.002	115	153.4923338	27.94
131.6	180.1392477	28.08	1.626	123.7	164.6488595	27.88
164.8	136.0597477	28.17	1.378	153.5	149.5047542	28
119.5	158.6092822	28.23	2.073	113.3	151.8834871	28.1
113.5	152.0640803	28.12	2.159	104.2	145.9089029	27.98
101.9	145.0412401	28	1.937	93.1	143.914916	27.84
112.4	151.0987909	28.06	1.983	102.7	145.3153153	27.88
126	168.5495467	28.11	1.777	103.2	145.5015641	27.94
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105.1	146.3156694	28.6	1.421	88.3	144.7396894	0
140.1	179.4825368	28.66	1.401	125.2	167.1413681	28.52
119.5	158.6092822	28.74	1.371	110.8	149.8141685	28.61
95.4	143.8796248	28.85	1.124	93.3	143.9026392	28.7
101	144.7678047	29.08	1.609	95.2	143.8734887	28.89
92.2	143.9919054	29.12	2.028	92	144.0138522	28.91
108.8	148.3999072	29.23	1.536	102	145.0738969	29.01
117	155.6067462	29.59	1.456	113.2	151.7940443	29.36
124.5	165.9547117	29.63	1.854	117.3	155.945431	29.38
117.8	156.5227599	29.78	1.251	106.3	146.9181461	29.52
139.7	180.726811	29.88	1.366	133.8	185.6463296	29.64
113.1	151.7051686	29.8	1.7	104.2	145.9089029	29.54
110.7	149.7384694	29.81	1.368	104.5	146.0402375	29.56
133.3	184.3413566	29.76	1.792	124.9	166.6276829	29.49
127.5	171.3461128	29.75	1.617	121.3	161.0367221	29.51
134.4	187.2558705	29.69	1.202	127.1	170.5798662	29.47
134.9	188.6345537	29.78	1.112	135	188.9144624	29.6
129.7	175.8426324	29.89	1.842	122.7	163.0894665	29.71
118.8	157.7265948	29.77	1.833	112.4	151.0987909	29.54
103	145.4256783	29.76	1.485	101.9	145.0412401	29.54

1.99	121.1	160.7554768	158.5679974	Yes
1.674	121	160.6159553	158.7306743	Yes
1.632	117.1	155.7190033	153.4033644	Yes
2.036	119.8	158.9978987	160.5586957	Yes
1.918	120.7	160.201762	157.2286549	Yes
1.463	123	163.5489495	161.1475057	Yes
1.867	118.5	157.3584661	160.5101179	Yes
2.517	121.8	161.7528127	158.4555253	Yes
2.262	125.6	167.8384137	160.6058845	Yes
1.934	135.3	189.7626755	176.4673394	Yes
1.567	160.1	140.6829105	142.3439312	Yes
2.119	121.4	161.1784514	158.0948986	Yes
2.44	114.7	153.1961245	152.9057041	Yes
1.934	103	145.4256783	151.5261416	Yes
2.045	111.2	150.1223115	151.4079925	Yes
1.782	113.4	151.9734986	154.6762084	Yes
		128.4296876	145.2074534	Yes
		128.4296876	141.2867735	Yes
		128.4296876	133.2866007	Yes
		128.4296876	131.8214359	Yes
		128.4296876	132.2618723	Yes
		128.4296876	133.272066	Yes
		128.4296876	132.0456658	Yes
		128.4296876	128.4653673	Yes
		128.4296876	131.3777362	Yes
		128.4296876	140.9331645	Yes
		128.4296876	139.8024443	Yes
		128.4296876	128.7580909	Yes
		128.4296876	128.7339619	Yes
		128.4296876	128.9092738	Yes
		128.4296876	142.1701759	Yes
1.499	98.4	144.18259	150.746557	Yes
1.754	137.6	187.7071962	173.2160039	Yes
1.386	117.1	155.7190033	157.5602327	Yes
1.062	102.6	145.2794496	147.9255334	Yes
1.575	101.5	144.915171	151.2273036	Yes
1.982	99.6	144.4151432	149.8689121	Yes
1.359	112.8	151.441929	153.1856035	Yes
1.472	120.3	159.6596036	160.2767404	Yes
2.053	126.1	168.7295603	163.882979	Yes
1.395	120.6	160.0651457	158.1647034	Yes
1.638	138.1	185.9739218	169.2304204	Yes
1.979	115.4	153.8956445	154.1555939	Yes
1.513	114.3	152.8094541	156.8949344	Yes
2.022	134.1	186.4450707	173.6483547	Yes
1.897	131.1	178.969176	169.8450598	Yes
1.286	133.5	184.8594495	176.1981082	Yes
1.091	140	179.7911758	175.1709933	Yes
2.169	130.4	177.3788901	168.968897	Yes
2.1	120.6	160.0651457	158.6271693	Yes
1.587	111.7	150.5196185	151.2481796	Yes

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9/9/2019	10:52	30.84	0.954
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9/9/2019	10:56	31.49	0.579
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9/9/2019	10:58	31.59	0.893
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9/9/2019	11:00	31.59	0.689
9/9/2019	11:01	31.67	0.577
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9/9/2019	11:07	32.3	0.693
9/9/2019	11:08	32.37	0.876
9/9/2019	11:09	32.38	1.318
9/9/2019	11:10	32.23	0.901
9/9/2019	11:11	32.28	0.797
9/9/2019	11:12	32.52	0.788
9/9/2019	11:13	32.61	1.331
9/9/2019	11:14	32.47	0.939
9/9/2019	11:15	32.43	0.817
9/9/2019	11:16	32.57	1.138
9/9/2019	11:17	32.59	1.149
9/9/2019	11:18	32.69	0.755
9/9/2019	11:19	32.81	1.198
9/9/2019	11:20	32.75	0.833
9/9/2019	11:21	32.94	1.404
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9/9/2019	11:23	32.69	1.524
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9/9/2019	11:26	32.89	1.037
9/9/2019	11:27	33.09	1.228
9/9/2019	11:28	33.39	1.251
9/9/2019	11:29	33.48	1.365
9/9/2019	11:30	33.44	1.483
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9/9/2019	11:32	33.4	1.447
9/9/2019	11:33	33.29	1.571
9/9/2019	11:34	33.26	1.464
9/9/2019	11:35	33.35	1.696
9/9/2019	11:36	33.37	1.404
9/9/2019	11:37	33.33	1.085
9/9/2019	11:38	33.24	1.248

140.5	178.2639076	30.69	1.556
147.4	160.717127	30.62	1.236
125	166.7980522	30.63	1.13
152.5	151.1187431	30.68	1.064
122.4	162.6370044	30.66	1.21
141.8	174.472931	30.83	1.002
132.7	182.8176355	31.02	1.426
131.7	180.3767538	31	0.81
138.9	183.2949574	31.28	0.716
147.6	160.2933984	31.49	1.253
172	131.1751217	31.43	1.048
146.6	162.4546358	31.49	1.057
150.8	154.0534207	31.45	0.865
142.7	171.9924951	31.55	0.725
134.9	188.6345537	31.65	1.222
171.2	131.5986579	31.77	1.007
172.7	130.8276183	31.98	1.296
180.2	128.3944101	32.19	1.036
204.3	135.9745142	32.28	1.229
153	150.3016928	32.2	0.841
172.2	131.0736496	32.25	1.091
185.4	128.0284797	32.24	1.471
200.4	133.042617	32.07	1.177
215.4	149.0360615	32.12	0.782
147.6	160.2933984	32.4	0.917
140.4	178.5661959	32.52	1.802
146.7	162.2336611	32.31	1.155
177.1	129.120645	32.22	0.7
182.2	128.1283904	32.38	1.34
157.4	143.9325875	32.42	1.267
156.6	144.9870876	32.58	0.949
161.4	139.278727	32.7	1.583
167.8	133.7233811	32.63	1.1
171.5	131.436508	32.81	1.787
181.1	128.2552218	32.65	2
194.2	129.8341932	32.51	1.462
194.5	129.9510588	32.57	2.242
196.9	131.0235708	32.41	1.621
185.2	128.0230196	32.7	1.179
180.4	128.3607156	32.95	1.549
182.9	128.0723698	33.27	1.406
177.6	128.9773778	33.34	1.519
187.5	128.180153	33.31	1.81
166.4	134.7576487	33.12	1.365
200.6	133.1749726	33.2	1.8
195	130.1542428	33.07	1.947
208.2	139.7001382	33.02	1.841
211	142.9209771	33.12	1.979
201	133.4453614	33.13	1.742
202.9	134.8352272	33.04	1.4
206.4	137.8760949	32.97	1.363

117.9	156.6401729	30.18	1.746
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124.4	165.7885774	30.17	1.284
96.8	143.9717192	30.14	1.483
117.7	156.4059988	30.33	1.272
109.2	148.6661534	30.49	1.51
101.9	145.0412401	30.42	0.882
114.6	153.0985737	30.68	0.798
132.6	182.5680669	30.89	1.444
148.4	158.6397721	30.78	1.143
123.7	164.6488595	30.84	1.301
125.3	167.3143222	30.79	1.23
120.2	159.5258496	30.89	0.843
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149.1	157.2454979	31.11	1.236
156.6	144.9870876	31.29	1.695
163.4	137.3085186	31.44	1.15
172.5	130.9247236	31.49	1.573
130.9	178.509184	31.47	1.084
155.1	147.0846926	31.53	1.476
162.5	138.1673439	31.5	1.768
176	129.4717308	31.32	1.364
188.3	128.2833916	31.4	0.867
138	186.3168781	31.68	1.145
118.9	157.8506504	31.81	2.247
126.3	169.0922914	31.6	1.322
136.2	192.385621	31.5	1.209
159.1	141.8325805	31.66	1.527
135.3	189.7626755	31.69	1.253
134.5	187.5288517	31.85	1.182
137.1	189.4876488	31.99	1.958
137.9	186.6616714	31.93	1.438
153.1	150.1407104	32.12	2.234
157.9	143.2953883	31.93	2.41
172.4	130.9739291	31.83	1.958
174.5	130.0310681	31.87	2.921
171.9	131.2265166	31.72	2.261
169.4	132.6567999	32.02	1.385
160.8	139.914364	32.28	1.815
160.6	140.1309578	32.62	1.795
156.9	144.586539	32.64	1.836
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153.7	149.1915112	32.38	1.775
171.3	131.5441627	32.4	2.337
168.7	133.1085592	32.27	2.394
187.2	128.1479193	32.29	2.131
191.2	128.870052	32.44	2.303
178.8	128.6747234	32.44	2.408
184.4	128.0167799	32.31	2.016
185.4	128.0284797	32.23	1.744

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118.1	156.8769637	29.78	1.77	109	148.5320061	29.54
105.7	146.6082498	29.81	1.548	101.3	144.8548646	29.56
121.8	161.7528127	29.85	1.566	116.6	155.1640479	29.63
93.7	143.8833505	29.79	1.763	90.5	144.234728	29.56
117	155.6067462	29.97	1.412	114.5	153.0016129	29.79
106.1	146.8129126	30.14	1.979	103.4	145.579304	29.92
106.9	147.2455367	30.04	1.081	100.9	144.7396894	29.8
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127.7	171.7349716	30.46	1.708	122.9	163.3950032	30.21
142.8	171.7238383	30.31	1.399	136.9	190.2134023	29.99
124.1	165.2951784	30.35	1.459	118.2	156.9963458	30.06
123.3	164.0155381	30.31	1.262	113.1	151.7051686	30.02
114.8	153.294267	30.41	0.817	107.3	147.4736091	30.16
108.8	148.3999072	30.52	1.597	102.4	145.2090977	30.27
145.1	165.9045121	30.63	1.257	137.8	187.0083138	30.38
150.9	153.8738695	30.8	1.653	145.7	164.4935779	30.55
162.3	138.3643054	30.9	1.25	156.7	144.8528837	30.59
165.5	135.4739906	30.97	1.526	162.4	138.2655439	30.7
129.3	174.9883145	30.95	1.054	125	166.7980522	30.7
153.6	149.347741	31.04	1.323	145.8	164.2624968	30.77
152.9	150.4634796	31.03	1.769	150.6	154.4151969	30.77
167	134.3026158	30.83	1.431	163.2	137.4955162	30.56
196.6	130.8759536	30.94	0.979	186.5	128.0864199	30.63
134.6	187.8032029	31.24	1.184	126.8	170.0150814	30.97
119.1	158.1007946	31.38	2.428	114.8	153.294267	31.07
121.4	161.1784514	31.12	1.399	119.1	158.1007946	30.77
147	161.577273	31.01	0.642	143	171.1905949	30.63
157.2	144.1921397	31.18	1.569	149.3	156.8559046	30.88
131.4	179.6677453	31.21	1.645	127.1	170.5798662	30.9
134.2	186.7139875	31.34	1.211	133.4	184.5997584	31.04
135.2	189.4785153	31.5	2.105	131.9	180.8553063	31.18
139.1	182.6427564	31.4	1.389	132.3	181.8267455	31.09
149.6	156.2786798	31.63	2.391	145.3	165.4295013	31.31
151	153.695204	31.45	2.587	147.4	160.717127	31.09
173.5	130.4564935	31.32	1.975	166.2	134.9133063	30.96
169.8	132.4088779	31.38	2.956	165.1	135.8056071	30.99
167.4	134.0091067	31.25	2.086	161.7	138.968767	30.87
172.9	130.7322487	31.53	1.479	164.2	136.5821614	31.14
158	143.1699306	31.82	1.928	149.5	156.470139	31.46
157.1	144.3229273	32.11	1.846	150.3	154.96461	31.75
158.3	142.7974765	32.07	2.036	150.5	154.5974305	31.65
162	138.6639767	32.02	2.48	157.7	143.5482783	31.53
148.3	158.8429179	31.78	1.847	145.2	165.6664139	31.29
163.6	137.1236975	31.79	2.344	161.3	139.3832047	31.35
163.5	137.2158368	31.72	2.515	159	141.9509679	31.31
185.7	128.0395961	31.77	2.383	180	128.4296876	31.33
188.6	128.328602	31.99	2.473	183.9	128.0255546	31.59
175	129.8341932	31.97	2.287	169.1	132.8476073	31.53
176.8	129.2114853	31.8	1.744	172.5	130.9247236	31.37
180.3	128.3773651	31.73	1.836	176.9	129.1807975	31.35

2.336	119.2	158.226888	159.4036132	Yes
1.968	118.2	156.9963458	156.5296585	Yes
1.548	110.3	149.4409821	150.7396274	Yes
1.798	125.5	167.6628412	160.2974044	Yes
1.956	97.3	144.0254863	147.7504577	Yes
1.611	120	159.2604663	159.749551	Yes
2.099	115	153.4923338	155.4736679	Yes
1.197	113.3	151.8834871	153.8573414	Yes
0.878	116.6	155.1640479	158.4640664	Yes
1.955	132.4	182.0726285	172.0128137	Yes
1.582	142	173.9118416	165.1327952	Yes
1.646	126.3	169.0922914	163.6974622	Yes
1.523	122.1	162.1914802	159.8559859	Yes
0.84	112.1	150.8472717	156.6266985	Yes
1.732	110.8	149.8141685	156.3592393	Yes
1.546	147	161.577273	160.6668509	Yes
2.098	151	153.695204	149.5754715	Yes
1.337	163.7	137.032099	137.1904434	Yes
1.708	169.9	132.3480491	134.5973643	Yes
1.255	135.8	191.2051427	172.3604772	Yes
1.736	152	151.9563603	148.7449881	Yes
2.078	156.1	145.6685335	143.3486067	Yes
1.645	171.4	131.490113	133.1605186	Yes
1.052	200.8	133.3092177	133.9182088	Yes
1.267	135.1	189.1957803	178.7248682	Yes
2.895	122.6	162.9378699	162.1499556	Yes
1.802	129.1	174.5674412	165.034528	Yes
1.314	141.5	175.3254093	165.9199086	Yes
1.801	154.5	147.9694733	143.7956977	Yes
1.601	137	189.8495428	174.7584835	Yes
1.429	138.5	184.6202228	177.6899816	Yes
2.518	137.5	188.0594614	177.4319318	Yes
1.648	143.7	169.3661605	170.844143	Yes
2.846	151.4	152.989316	151.2549431	Yes
2.892	156.9	144.586539	146.109896	Yes
2.316	174.8	129.9116845	131.2179213	Yes
3.551	171.8	131.2783518	131.8949927	Yes
2.7	166.3	134.8352272	134.0126377	Yes
1.723	169.6	132.5319155	132.105229	Yes
2.06	157.2	144.1921397	142.4214578	Yes
2.035	155.4	146.6522652	142.828626	Yes
2.268	155.6	146.3676144	143.4652876	Yes
3.106	161.3	139.3832047	136.7281777	Yes
2.21	153.3	149.8211447	151.6559273	Yes
2.667	167.5	133.9369487	135.0325972	Yes
2.983	165.4	135.5561236	135.5971461	Yes
2.616	186	128.0542255	130.4743134	Yes
2.725	190.7	128.7449612	131.3780294	Yes
2.814	173.8	130.3244035	131.0252577	Yes
2.286	177.3	129.0621204	130.4100673	Yes
2.255	184.7	128.016195	130.2957864	Yes

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9/9/2019	11:53	33.6	1.782
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9/9/2019	11:55	33.72	1.014
9/9/2019	11:56	33.84	1.147
9/9/2019	11:57	33.66	1.56
9/9/2019	11:58	33.4	1.776
9/9/2019	11:59	33.13	1.39
9/9/2019	12:00	32.99	1.418
9/9/2019	12:01	32.76	1.257
9/9/2019	12:02	32.71	0.972
9/9/2019	12:03	32.72	1.3
9/9/2019	12:04	32.79	1.091
9/9/2019	12:05	33.12	1.351
9/9/2019	12:06	33.45	1.445
9/9/2019	12:07	33.63	1.284
9/9/2019	12:08	33.66	1.458
9/9/2019	12:09	33.6	1.804
9/9/2019	12:10	33.71	1.687
9/9/2019	12:11	33.76	1.243
9/9/2019	12:12	33.91	1.427
9/9/2019	12:13	33.94	1.592
9/9/2019	12:14	33.79	1.486
9/9/2019	12:15	33.47	1.635
9/9/2019	12:16	33.19	1.588
9/9/2019	12:17	33.12	1.691
9/9/2019	12:18	33.05	1.438
9/9/2019	12:19	33.06	1.427
9/9/2019	12:20	33.09	1.199
9/9/2019	12:21	33.09	1.203
9/9/2019	12:22	33.18	1.116
9/9/2019	12:23	33.22	1.593
9/9/2019	12:24	33.08	1.141
9/9/2019	12:25	33.18	1.2
9/9/2019	12:26	33.2	1.356
9/9/2019	12:27	33.19	1.326
9/9/2019	12:28	33.13	1.031
9/9/2019	12:29	33.03	1.022

199.2	132.2876789	33.03	1.952
183.7	128.031795	32.79	1.912
195.2	130.2384741	32.71	1.763
186.5	128.0864199	32.58	1.868
186.4	128.0791994	32.49	1.537
174.4	130.0717042	32.61	1.567
170.4	132.0507649	32.75	1.943
184.8	128.0167799	32.79	1.985
172.1	131.1241663	32.75	1.596
174.5	130.0310681	32.95	1.562
157	144.4543929	33.27	1.59
160.2	140.5713153	33.3	1.383
195.3	130.2812262	33.51	1.746
215.4	149.0360615	33.46	1.818
230.8	184.9559525	33.3	2.097
231.7	188.0594614	33.27	1.244
192.5	129.2425815	33.39	1.171
199.4	132.4088779	33.59	1.357
240.9	172.92492	33.38	1.702
229.7	181.3587702	33.03	2.061
213.5	146.2263702	32.77	1.835
223.5	164.4935779	32.66	1.792
219.9	156.8559046	32.43	1.512
178.2	128.8188092	32.4	1.083
176.5	129.3060009	32.45	1.669
177.8	128.9229071	32.55	1.238
187.2	128.1479193	32.92	1.496
199.5	132.4701664	33.24	1.649
189.8	128.5450401	33.41	1.565
159.4	141.481181	33.44	1.652
169.5	132.5941263	33.37	2.06
182.1	128.1379589	33.46	1.748
175.5	129.6477719	33.53	1.329
173.3	130.5466922	33.69	1.736
162.3	138.3643054	33.74	1.87
167.3	134.0817512	33.56	1.685
175.7	129.5761138	33.21	1.951
169.2	132.7835393	32.91	1.736
185.1	128.0208746	32.84	2.1
165.9	135.1505606	32.77	1.72
173	130.6852129	32.78	1.516
153.1	150.1407104	32.82	1.359
172.1	131.1241663	32.82	1.701
181.9	128.1582717	32.92	1.326
193.5	129.5761138	32.98	1.77
222.2	161.577273	32.79	1.409
201.6	133.8652759	32.89	1.568
192.8	129.3383252	32.92	1.785
204	135.7219305	32.9	1.723
187.4	128.1690162	32.86	1.383
149.1	157.2454979	32.78	1.196

176.3	129.3710598	32.37	2.448
165.6	135.3923691	32.1	2.355
167.9	133.6531567	32.07	2.127
163.6	137.1236975	31.9	2.347
166.9	134.3772185	31.79	1.564
150.8	154.0534207	31.87	1.752
147.2	161.1450705	32.06	2.211
156.9	144.586539	32.05	2.477
148.2	159.0470698	32.07	2.259
150.5	154.5974305	32.3	1.847
132.4	182.0726285	32.63	1.883
148.2	159.0470698	32.64	1.973
174.2	130.1542428	32.89	2.073
196.7	130.9247236	32.74	2.239
205.8	137.3085186	32.65	2.368
203.5	135.3112579	32.64	1.435
167.1	134.2285045	32.76	1.476
173.5	130.4564935	32.92	1.637
214.5	147.6715655	32.72	2.053
205.9	137.4017445	32.35	2.483
195.4	130.3244035	32.18	2.11
206.2	137.6847037	32.08	1.949
195.1	130.1961465	31.9	1.746
161.2	139.4882645	31.92	1.391
150.7	154.2338617	31.95	1.964
156.7	144.8528837	32.03	1.349
167	134.3026158	32.38	1.735
173.6	130.4120364	32.68	1.956
164	136.7605319	32.81	2.235
137.7	187.3568179	32.82	2.105
150.2	155.1495646	32.71	2.356
160.6	140.1309578	32.85	2.277
159.5	141.3652945	32.88	1.738
147.9	159.6656133	33	1.983
142.6	172.2625195	33.03	2.363
144	168.6037636	32.85	2.08
151.3	153.1644801	32.53	2.597
147.8	159.8738411	32.29	2.112
160.2	140.5713153	32.27	2.317
146.1	163.5761126	32.25	1.969
153.7	149.1915112	32.26	1.827
132.1	181.3386201	32.31	1.589
146.8	162.0137796	32.33	1.732
161.8	138.8665983	32.46	1.654
170.9	131.7648252	32.45	2.326
196.6	130.8759536	32.23	1.807
180.8	128.2980674	32.4	1.662
166.4	134.7576487	32.4	2.15
178.5	128.7449612	32.37	1.994
162.4	138.2655439	32.29	1.548
131.3	179.4337369	32.2	1.245

173.9	130.2812262	31.92	2.568	167.5	133.9369487	31.56
162.5	138.1673439	31.64	2.459	159.4	141.481181	31.25
161.7	138.968767	31.62	2.253	159.5	141.3652945	31.29
159	141.9509679	31.44	2.503	155	147.2303008	31.06
161.4	139.278727	31.31	1.871	161.1	139.5939084	30.94
146.6	162.4546358	31.35	1.899	144.8	166.6259865	31
146.5	162.6767095	31.58	2.489	141.6	175.0397923	31.32
151.7	152.4689987	31.56	2.719	148.2	159.0470698	31.19
145.5	164.9592071	31.57	2.287	139.9	180.1014276	31.21
150.3	154.96461	31.78	2.06	144.8	166.6259865	31.37
132.9	183.3205043	32.13	2.088	128.5	173.3294827	31.71
145.3	165.4295013	32.12	1.891	141	176.7757169	31.67
168.7	133.1085592	32.39	2.272	165	135.8898012	31.95
190.2	128.6298991	32.23	2.307	186.8	128.1104281	31.75
202	134.1548834	32.14	2.554	197.4	131.2783518	31.72
197.1	131.1241663	32.15	1.554	189.1	128.4118509	31.72
165.9	135.1505606	32.27	1.519	156.4	145.2575724	31.87
165.2	135.7219305	32.43	1.73	165	135.8898012	32
210.4	142.1896378	32.24	2.185	206.2	137.6847037	31.8
197.6	131.3833467	31.88	2.514	194.8	130.0717042	31.46
190.3	128.6521114	31.76	2.26	184.2	128.0191197	31.31
203.7	135.4739906	31.66	2.252	198.5	131.8778474	31.28
191.9	129.0621204	31.54	1.877	189.9	128.565657	31.23
157.6	143.6757156	31.59	1.424	153.7	149.1915112	31.35
144.9	166.3842917	31.6	2.31	142.7	171.9924951	31.3
154.7	147.6715655	31.61	1.509	148.9	157.6389568	31.31
164.4	136.4059155	31.97	1.913	157.8	143.4215034	31.66
168.1	133.514148	32.24	2.07	163.3	137.4017445	31.9
159.3	141.5976893	32.39	2.102	154.8	147.5237341	32.06
137.2	189.1277069	32.37	2.186	133.8	185.6463296	32.03
145.9	164.0325631	32.2	2.801	143	171.1905949	31.81
159	141.9509679	32.35	2.476	151.5	152.8150171	31.99
152.1	151.7871691	32.38	1.675	149.8	155.8985853	31.94
143.8	169.1107479	32.46	2.201	140.7	177.6640101	32.05
141.5	175.3254093	32.48	2.55	137.2	189.1277069	32.03
140.3	178.8700569	32.32	2.159	135.8	191.2051427	31.9
146.3	163.1241775	32.04	2.699	143.3	170.4007875	31.65
143.4	170.1401693	31.84	2.376	139.7	180.726811	31.51
153.3	149.8211447	31.85	2.684	151.1	153.51742	31.53
141.1	176.4826621	31.84	2.358	139.9	180.1014276	31.46
146.9	161.7949854	31.84	2.003	146.6	162.4546358	31.46
123.6	164.489319	31.9	1.882	123	163.5489495	31.56
142.7	171.9924951	31.92	2.092	139	182.967997	31.58
162.2	138.4636301	32.08	1.674	152.3	151.4512959	31.76
163.4	137.3085186	32.07	2.414	160.1	140.6829105	31.72
189.3	128.4479207	31.82	1.726	186.8	128.1104281	31.52
178.1	128.8442293	32.04	1.999	172.7	130.8276183	31.8
158.9	142.0699862	32.05	2.366	155	147.2303008	31.74
172.7	130.8276183	32.01	2.135	167.4	134.0091067	31.7
154.9	147.3766469	31.94	1.74	154.7	147.6715655	31.62
123.8	164.8092124	31.83	1.414	125.8	168.1922038	31.55

3.021	174.4	130.0717042	131.1897236	Yes
2.908	164.7	136.145503	135.8436384	Yes
2.707	164.5	136.3185854	136.1088555	Yes
3.021	160.1	140.6829105	139.0148593	Yes
1.978	168.5	133.2418584	134.9141823	Yes
2.302	153.3	149.8211447	152.6053784	Yes
2.64	147.9	159.6656133	158.1155901	Yes
3.185	153.1	150.1407104	146.8520196	Yes
2.862	146.3	163.1241775	159.6712097	Yes
2.361	150.9	153.8738695	152.0185929	Yes
2.54	134.6	187.8032029	174.1960422	Yes
2.226	145.4	165.1937679	161.4034743	Yes
2.444	171.4	131.490113	132.1847885	Yes
2.619	193.9	129.7210908	133.2844406	Yes
2.821	202.8	134.7576487	144.491071	Yes
1.737	195.3	130.2812262	142.6375925	Yes
1.671	160.3	140.4603245	136.8679087	Yes
1.979	167.6	133.8652759	133.6684758	Yes
2.578	211.9	144.0620273	148.9065708	Yes
2.987	198.7	131.9926732	142.4416478	Yes
2.649	189.2	128.4296876	132.3303385	Yes
2.538	203.8	135.5561236	141.0172486	Yes
2.114	195.8	130.5013785	135.0362414	Yes
1.728	161.1	139.5939084	140.1536418	Yes
2.658	147.1	161.3606366	156.6554572	Yes
1.701	151.6	152.6415793	146.3455785	Yes
2.201	163	137.6847037	135.9925316	Yes
2.324	166	135.0709716	133.7738134	Yes
2.621	155.8	146.0858429	140.1025677	Yes
2.558	138.8	183.6236488	177.4471369	Yes
3.209	148.9	157.6389568	156.1211611	Yes
2.777	153.9	148.8813884	142.383258	Yes
2.075	156.1	145.6685335	144.8734709	Yes
2.419	147	161.577273	159.7128673	Yes
3.071	141.6	175.0397923	170.0239467	Yes
2.696	141	176.7757169	169.9072863	Yes
3.209	148.6	158.2364782	154.9004074	Yes
2.624	145.3	165.4295013	161.7907724	Yes
2.939	157.9	143.2953883	143.0452286	Yes
2.598	144.8	166.6259865	164.3873499	Yes
2.275	151.8	152.2972712	151.2847233	Yes
2.122	128.3	172.92492	166.4885038	Yes
2.248	144.7	166.8688935	162.9934663	Yes
2.036	159.7	141.1353782	139.6150348	Yes
2.852	165.2	135.7219305	135.0108597	Yes
2.011	190.8	128.7691755	135.5561502	Yes
2.119	177.6	128.9773778	130.1625137	Yes
2.702	161.1	139.5939084	138.5980339	Yes
2.453	176.2	129.4042052	131.7415644	Yes
1.924	159.1	141.8325805	140.6630706	Yes
1.544	129.7	175.8426324	169.1046567	Yes

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9/9/2019	12:30	32.92	1.092
9/9/2019	12:31	32.73	1.211
9/9/2019	12:32	32.6	1.148
9/9/2019	12:33	32.54	1.155
9/9/2019	12:34	32.71	1.214
9/9/2019	12:35	32.85	1.389
9/9/2019	12:36	32.92	1.44
9/9/2019	12:37	33.04	1.447
9/9/2019	12:38	33.08	1.479
9/9/2019	12:39	33.07	1.078
9/9/2019	12:40	33.21	0.627
9/9/2019	12:41	33.54	0.778
9/9/2019	12:42	33.93	1.297
9/9/2019	12:43	34.08	1.647
9/9/2019	12:44	34.14	1.389
9/9/2019	12:45	34.25	1.502
9/9/2019	12:46	34.29	1.282
9/9/2019	12:47	34.36	1.116
9/9/2019	12:48	34.5	0.901
9/9/2019	12:49	34.67	0.847
9/9/2019	12:50	34.86	1.702
9/9/2019	12:51	34.67	1.279
9/9/2019	12:52	34.52	1.445
9/9/2019	12:53	34.39	0.982
9/9/2019	12:54	34.48	0.893
9/9/2019	12:55	34.79	1.032
9/9/2019	12:56	34.8	1.932
9/9/2019	12:57	34.67	1.155
9/9/2019	12:58	34.75	1.608
9/9/2019	12:59	34.66	1.471
9/9/2019	13:00	34.64	1.607
9/9/2019	13:01	34.53	1.654
9/9/2019	13:02	34.39	1.428
9/9/2019	13:03	34.45	1.711
9/9/2019	13:04	34.37	1.211
9/9/2019	13:05	34.38	1.629
9/9/2019	13:06	34.43	1.113
9/9/2019	13:07	34.68	1.38
9/9/2019	13:08	34.78	1.503
9/9/2019	13:09	34.94	1.272
9/9/2019	13:10	34.89	0.951
9/9/2019	13:11	34.87	1.537
9/9/2019	13:12	34.81	1.19
9/9/2019	13:13	34.8	1.368
9/9/2019	13:14	34.66	0.723
9/9/2019	13:15	34.71	0.513
9/9/2019	13:16	34.56	1.752
9/9/2019	13:17	34.26	1.202
9/9/2019	13:18	34.21	1.163
9/9/2019	13:19	34.27	1.472
9/9/2019	13:20	34.32	1.135

185.5	128.031795	32.67	1.379
184.8	128.0167799	32.48	1.626
172.1	131.1241663	32.35	1.487
195.5	130.3680067	32.29	1.538
169.3	132.7199372	32.49	1.674
165.1	135.8056071	32.65	1.803
161.3	139.3832047	32.72	1.645
178.2	128.8188092	32.82	1.543
192.2	129.1505175	32.86	1.936
194.1	129.7960751	32.81	1.194
196.5	130.8276183	32.94	0.879
209.4	141.0213439	33.3	0.974
165.7	135.3112579	33.7	1.489
159.1	141.8325805	33.83	1.828
154	148.7274886	33.87	1.668
185.5	128.031795	34.02	1.7
205	136.5821614	34.03	1.663
219.3	155.7099409	34.08	1.362
193.8	129.6842235	34.2	1.166
187.6	128.1916822	34.34	1.184
171.3	131.5441627	34.53	1.91
152.8	150.6260744	34.32	1.392
167.5	133.9369487	34.14	1.606
159.1	141.8325805	34.04	1.248
153.9	148.8813884	34.17	0.979
187.5	128.180153	34.49	1.205
179.1	128.6080861	34.52	1.937
189.2	128.4296876	34.34	1.356
173.1	130.6386087	34.44	1.734
155.3	146.7956779	34.34	1.829
165.6	135.3923691	34.3	1.799
159.3	141.5976893	34.21	1.937
156.8	144.7193684	34.06	1.657
145.1	165.9045121	34.13	2.096
153.2	149.9805289	34.06	1.468
136.5	191.6887683	34.07	2.014
179	128.6298991	34.07	1.256
191.1	128.8442293	34.3	1.7
186.9	128.1192135	34.42	1.66
197.5	131.3306282	34.56	1.568
167	134.3026158	34.53	1.116
152.2	151.6188155	34.53	1.832
157.9	143.2953883	34.44	1.385
165.8	135.2306555	34.47	1.684
123.3	164.0155381	34.33	0.863
141.5	175.3254093	34.35	0.669
200.3	132.977145	34.24	2.201
189.8	128.5450401	33.92	1.33
155	147.2303008	33.87	1.302
162	138.6639767	33.97	1.838
191.1	128.8442293	34.02	1.177

166.3	134.8352272	32.14	1.77
161.1	139.5939084	31.96	2.03
153.2	149.9805289	31.88	1.686
174.1	130.1961465	31.88	1.755
150.2	155.1495646	32.13	2.067
140.4	178.5661959	32.27	2.146
138.9	183.2949574	32.32	1.865
160.5	140.2401479	32.38	2.268
171.4	131.490113	32.36	2.242
176.4	129.3383252	32.25	1.627
190.7	128.7449612	32.41	1.107
183.5	128.0395961	32.81	1.006
144	168.6037636	33.15	1.703
141.6	175.0397923	33.24	1.974
136.4	192.0626612	33.35	1.944
165.2	135.7219305	33.47	1.876
181.2	128.2417275	33.36	2.041
196.1	130.6386087	33.39	1.629
168.5	133.2418584	33.56	1.41
169.5	132.5941263	33.71	1.416
148.8	157.837148	33.84	2.46
134.2	186.7139875	33.62	1.824
145.2	165.6664139	33.46	1.957
137	189.8495428	33.34	1.441
129.6	175.6274687	33.54	0.959
157.3	144.0620273	33.89	1.418
154.8	147.5237341	33.83	2.414
164.9	135.9745142	33.67	1.491
150.7	154.2338617	33.77	2.188
126.8	170.0150814	33.68	2.217
148.5	158.4376272	33.69	2.116
140	179.7911758	33.55	2.406
133.7	185.382728	33.4	1.974
126.4	169.2750169	33.51	2.271
131.4	179.6677453	33.44	1.712
121.3	161.0367221	33.44	2.447
154.8	147.5237341	33.49	1.839
167.5	133.9369487	33.68	1.983
163.1	137.5898354	33.79	1.894
175	129.8341932	33.93	1.739
144	168.6037636	33.83	1.243
134.7	188.0789318	33.86	2.253
141.8	174.472931	33.76	1.723
143.1	170.9259926	33.85	1.956
101.7	144.9772949	33.72	0.987
121.8	161.7528127	33.77	0.783
174.8	129.9116845	33.62	2.701
169.4	132.6567999	33.32	1.769
133.3	184.3413566	33.32	1.547
143.1	170.9259926	33.42	2.303
168.3	133.3770516	33.44	1.369

161.6	139.0715101	31.78	1.869	153.3	149.8211447	31.54
153.8	149.0360615	31.64	2.189	149.1	157.2454979	31.39
149.9	155.7099409	31.56	1.973	147.2	161.1450705	31.32
167.2	134.1548834	31.6	1.924	160.2	140.5713153	31.39
143.5	169.8808638	31.84	2.245	139.9	180.1014276	31.65
133.2	184.0842372	31.96	2.276	132.6	182.5680669	31.72
133.4	184.5997584	31.99	2.136	130.8	178.2808867	31.73
157.2	144.1921397	32.05	2.247	152	151.9563603	31.8
166.9	134.3772185	32.02	2.318	161.3	139.3832047	31.72
171.1	131.6535994	31.85	1.583	165.5	135.4739906	31.54
184.8	128.0167799	32.01	1.024	178.6	128.7211479	31.79
174.2	130.1542428	32.45	1.165	182.4	128.1104281	32.31
141.4	175.6124958	32.72	1.957	140	179.7911758	32.47
135.7	190.9137326	32.74	2.38	132.2	181.5820782	32.36
132.5	182.3197334	32.86	2.192	125.5	167.6628412	32.49
159.1	141.8325805	32.97	2.185	157.2	144.1921397	32.51
178.8	128.6747234	32.82	2.171	173.7	130.3680067	32.36
193.2	129.4717308	32.85	1.66	189.8	128.5450401	32.43
160.5	140.2401479	33.08	1.349	159	141.9509679	32.74
165.5	135.4739906	33.22	1.473	165.4	135.5561236	32.94
145.2	165.6664139	33.31	2.525	141.7	174.7556358	32.93
129.1	174.5674412	33.08	1.935	129	174.3585583	32.62
143.4	170.1401693	32.89	2.173	140.4	178.5661959	32.44
138.4	184.9559525	32.73	1.567	136.5	191.6887683	32.27
126.4	169.2750169	32.93	1.241	131.2	179.2008824	32.53
154.2	148.4219956	33.32	1.642	148.4	158.6397721	32.97
150	155.5222256	33.26	2.555	151.9	152.1263931	32.81
166.9	134.3772185	33.11	1.644	158	143.1699306	32.68
147.2	161.1450705	33.22	2.473	144.1	168.3521774	32.82
124.2	165.4588142	33.09	2.442	123.4	164.1726616	32.65
143.8	169.1107479	33.14	2.343	139.9	180.1014276	32.75
135.6	190.6237893	32.98	2.555	132.7	182.8176355	32.51
128.1	172.5243387	32.83	2.103	125.3	167.3143222	32.43
122.6	162.9378699	32.96	2.744	121	160.6159553	32.51
130.2	176.9345288	32.89	1.976	124.9	166.6276829	32.44
116.6	155.1640479	32.92	2.75	114.7	153.1961245	32.55
152.1	151.7871691	32.97	1.809	147.7	160.0831011	32.63
159.7	141.1353782	33.17	2.165	155.3	146.7956779	32.76
160.2	140.5713153	33.28	2.132	155.1	147.0846926	32.85
169.9	132.3480491	33.41	1.999	165.9	135.1505606	32.98
138.4	184.9559525	33.25	1.542	137.8	187.0083138	32.81
132.2	181.5820782	33.29	2.492	128.9	174.1507045	32.94
137	189.8495428	33.16	1.927	134.8	188.3560461	32.77
143.5	169.8808638	33.33	2.176	139.2	182.3192244	32.99
97.5	144.0500767	33.2	1.144	92.6	143.9532925	32.83
119.8	158.9978987	33.24	0.849	111.5	150.3590693	32.91
164.5	136.3185854	33.15	2.917	164	136.7605319	32.78
162	138.6639767	32.85	1.896	158.3	142.7974765	32.48
130.5	177.6027217	32.86	1.793	130	176.4945334	32.52
139.2	182.3192244	32.96	2.515	138.2	185.6327901	32.61
165.1	135.8056071	32.96	1.591	162.6	138.0697036	32.56

2.223	158.9	142.0699862	138.7659326	Yes
2.56	152.6	150.9537025	144.96919	Yes
2.284	153.9	148.8813884	149.368219	Yes
2.346	163.8	136.9410396	134.4462783	Yes
2.658	144.4	167.6049563	161.0913499	Yes
2.826	138.2	185.6327901	173.3313794	Yes
2.377	135.8	191.2051427	175.35279	Yes
2.743	157.6	143.6757156	141.7766345	Yes
2.925	166.9	134.3772185	133.7556544	Yes
1.957	174.2	130.1542428	131.2832466	Yes
1.172	178.8	128.6747234	128.9970461	Yes
1.151	182.5	128.1020341	131.085529	Yes
2.264	142.6	172.2625195	166.3162425	Yes
2.678	135.7	190.9137326	176.0563833	Yes
2.422	133.7	185.382728	175.2310905	Yes
2.452	163.9	136.8505178	137.3257927	Yes
2.454	176.8	129.2114853	130.6156209	Yes
1.913	197.9	131.5441627	135.1818966	Yes
1.586	166.8	134.4523139	135.9139023	Yes
1.762	166	135.0709716	133.3773789	Yes
2.783	147.2	161.1450705	158.1896862	Yes
2.256	135.1	189.1957803	175.0923683	Yes
2.455	147.2	161.1450705	161.8909597	Yes
1.799	143.2	170.6627261	175.797914	Yes
1.294	137	189.8495428	172.5668599	Yes
1.862	151.8	152.2972712	146.3202438	Yes
2.988	157.4	143.9325875	145.5426053	Yes
1.832	163.1	137.5898354	135.9082373	Yes
2.894	150.3	154.96461	153.8668656	Yes
2.839	130.2	176.9345288	164.6753528	Yes
2.67	144.5	167.3583715	162.0801087	Yes
3.053	137.7	187.3568179	176.4374216	Yes
2.491	130.6	177.8276612	169.5536837	Yes
3.055	126.3	169.0922914	165.5651291	Yes
2.107	133.2	184.0842372	171.4589446	Yes
3.039	120.6	160.0651457	164.2301617	Yes
2.31	153.6	149.347741	147.4743289	Yes
2.539	159.2	141.7148217	138.4854112	Yes
2.52	162	138.6639767	138.4058067	Yes
2.289	173.8	130.3244035	131.7975669	Yes
1.603	140.4	178.5661959	170.6873683	Yes
3.1	134.2	186.7139875	176.4289035	Yes
2.228	141.7	174.7556358	174.1459088	Yes
2.449	143.3	170.4007875	165.7515048	Yes
1.225	101.4	144.8847909	148.3761986	Yes
0.994	119.6	158.7381263	161.0346633	Yes
3.464	166.5	134.6805694	134.1297033	Yes
2.086	163.4	137.3085186	135.9943624	Yes
2.044	136.5	191.6887683	175.4715362	Yes
2.939	145.2	165.6664139	168.6416795	Yes
1.753	167.6	133.8652759	133.9923735	Yes

4.52
5.573
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5.202
4.562

9/9/2019	13:21	34.44	1.302
9/9/2019	13:22	34.51	0.821
9/9/2019	13:23	34.69	0.995
9/9/2019	13:24	34.89	1.055
9/9/2019	13:25	34.93	1.111
9/9/2019	13:26	34.86	1.342
9/9/2019	13:27	34.87	0.542
9/9/2019	13:28	35.03	1.295
9/9/2019	13:29	35.18	1.55
9/9/2019	13:30	35.21	1.248
9/9/2019	13:31	35.18	1.41
9/9/2019	13:32	35.09	1.338
9/9/2019	13:33	35.01	1.764
9/9/2019	13:34	34.77	1.667
9/9/2019	13:35	34.69	0.907
9/9/2019	13:36	34.86	0.716
9/9/2019	13:37	35.06	0.934
9/9/2019	13:38	34.99	1.343
9/9/2019	13:39	35.01	1.218
9/9/2019	13:40	34.94	1.502
9/9/2019	13:41	34.88	1.427
9/9/2019	13:42	34.8	1.345
9/9/2019	13:43	34.87	1.133
9/9/2019	13:44	34.73	0.973
9/9/2019	13:45	34.67	1.428
9/9/2019	13:46	34.82	0.569
9/9/2019	13:47	34.9	0.973
9/9/2019	13:48	35.06	0.667
9/9/2019	13:49	35.16	0.907
9/9/2019	13:50	35.4	1.182
9/9/2019	13:51	35.62	1.392
9/9/2019	13:52	35.57	1.228
9/9/2019	13:53	35.65	1.394
9/9/2019	13:54	35.55	1.444
9/9/2019	13:55	35.59	0.73
9/9/2019	13:56	35.52	1.282
9/9/2019	13:57	35.6	1.314
9/9/2019	13:58	35.55	1.319
9/9/2019	13:59	35.51	1.223
9/9/2019	14:00	35.54	1.509
9/9/2019	14:01	35.57	1.272
9/9/2019	14:02	35.63	1.664
9/9/2019	14:03	35.58	1.525
9/9/2019	14:04	35.36	1.677
9/9/2019	14:05	35.35	1.827
9/9/2019	14:06	35.37	1.594
9/9/2019	14:07	35.32	1.948
9/9/2019	14:08	35.14	1.562
9/9/2019	14:09	35.07	1.148
9/9/2019	14:10	35.15	1.13
9/9/2019	14:11	35.27	0.689

172.7	130.8276183	34.16	1.48
171.1	131.6535994	34.23	0.882
184.8	128.0167799	34.41	1.226
144.2	168.1018522	34.65	1.257
178.1	128.8442293	34.69	1.354
165.4	135.5561236	34.57	1.466
179.3	128.565657	34.53	0.752
135.6	190.6237893	34.71	1.52
181	128.2691098	34.85	1.745
166.5	134.6805694	34.87	1.583
184.3	128.0177548	34.8	1.577
166.1	134.9918873	34.72	1.413
153.8	149.0360615	34.67	2.219
168.5	133.2418584	34.44	1.974
136.3	192.4386028	34.39	1.015
148.4	158.6397721	34.59	0.938
131	178.7386118	34.83	1.451
141.4	175.6124958	34.72	1.658
159.4	141.481181	34.73	1.558
173.2	130.5924354	34.65	1.849
152.1	151.7871691	34.59	1.78
157.8	143.4215034	34.5	1.687
153.2	149.9805289	34.57	1.465
149.4	156.6625457	34.43	1.339
164.4	136.4059155	34.39	1.633
164.5	136.3185854	34.59	0.69
112.7	151.3553066	34.72	1.393
119.3	158.3536654	34.8	0.895
159.6	141.2500277	34.92	1.076
216.4	150.6260744	35.19	1.359
199.9	132.7199372	35.39	1.861
206.8	138.2655439	35.25	1.422
175.8	129.5409061	35.34	1.56
201.2	133.5834127	35.23	1.609
154.4	148.1195561	35.27	0.995
170.8	131.8211113	35.24	1.527
210.1	141.8325805	35.31	1.637
229.2	179.7911758	35.26	1.842
234.8	187.2558705	35.19	1.482
218.9	154.96461	35.21	1.684
213	145.5308449	35.23	1.686
211.3	143.2953883	35.3	1.805
218.6	154.4151969	35.28	2.078
223	163.3495837	35.02	1.887
240.1	174.5674412	34.98	2.188
221.4	159.8738411	34.96	1.774
240.6	173.5332689	34.96	2.17
266.8	145.2090977	34.82	1.907
260	148.6661534	34.74	1.452
239.6	175.6274687	34.78	1.276
275.7	143.8921176	34.94	0.681

149.9	155.7099409	33.6	1.562
146.6	162.4546358	33.64	0.96
166.4	134.7576487	33.77	1.621
121.5	161.3209223	34.01	1.491
149.6	156.2786798	34.06	1.784
143.1	170.9259926	33.88	1.724
165.7	135.3112579	33.91	0.868
118	156.7582401	34.13	1.629
158	143.1699306	34.27	2.229
146.5	162.6767095	34.23	1.864
163.5	137.2158368	34.1	1.928
139.9	180.1014276	34.01	1.838
131.8	180.615438	34.03	2.56
143	171.1905949	33.81	2.291
109	148.5320061	33.83	1.178
127.5	171.3461128	34.04	1.1
116.8	155.3841351	34.27	1.761
115.6	154.1009172	34.18	1.935
138.9	183.2949574	34.15	1.861
148.4	158.6397721	34.07	2.269
129.3	174.9883145	33.96	1.966
132.7	182.8176355	33.89	1.87
137.7	187.3568179	34.03	1.136
128.2	172.724134	33.91	1.419
146.5	162.6767095	33.93	1.372
142	173.9118416	34.22	0.808
98.8	144.2529947	34.37	1.58
91.6	144.0630334	34.45	0.908
137.3	188.7697038	34.55	0.97
194.3	129.8727295	34.8	1.377
174	130.2384741	34.93	1.728
181.4	128.2159189	34.71	1.616
155.7	146.2263702	34.81	1.504
173.9	130.2812262	34.66	1.746
138.3	185.293471	34.71	1.118
152.1	151.7871691	34.68	1.662
185.5	128.031795	34.76	1.845
200.1	132.8476073	34.68	1.903
211.9	144.0620273	34.67	1.571
192.2	129.1505175	34.64	1.74
196.6	130.8759536	34.61	2.074
185.5	128.031795	34.69	1.867
191.3	128.8962779	34.67	2.258
200.3	132.977145	34.39	2.054
211.7	143.8038178	34.38	2.42
198.1	131.6535994	34.38	1.919
218.8	154.7805667	34.39	2.308
239.5	175.8426324	34.27	2.224
234.9	186.9842516	34.22	1.788
222.2	161.577273	34.19	1.467
253.9	153.7939153	34.37	0.892

146.8	162.0137796	33.15	1.889	143.6	169.6228634	32.79
140.1	179.4825368	33.16	1.148	140.4	178.5661959	32.77
160.3	140.4603245	33.28	1.709	157.1	144.3229273	32.88
123.6	164.489319	33.46	1.651	119.3	158.3536654	33.1
142.8	171.7238383	33.54	1.751	141.5	175.3254093	33.18
139.6	181.0419634	33.32	1.874	137.9	186.6616714	32.95
160.8	139.914364	33.33	0.931	155	147.2303008	33.01
114.4	152.9052402	33.61	1.864	113.6	152.1552339	33.29
153	150.3016928	33.79	2.495	150.4	154.7805667	33.4
147.2	161.1450705	33.7	2.054	142.2	173.356455	33.24
160.3	140.4603245	33.53	2.142	155	147.2303008	33.08
136.2	192.385621	33.4	1.959	133.9	185.9112491	32.95
130.6	177.8276612	33.48	2.888	127.5	171.3461128	33.06
137.5	188.0594614	33.28	2.494	135.7	190.9137326	32.84
106.2	146.8652868	33.3	1.291	104.5	146.0402375	32.9
125	166.7980522	33.56	1.279	116.3	154.8386144	33.2
112.9	151.5291125	33.79	1.931	110.7	149.7384694	33.41
112.3	151.0143979	33.68	2.022	109	148.5320061	33.29
132.7	182.8176355	33.66	2.072	131.3	179.4337369	33.26
144.5	167.3583715	33.54	2.444	141	176.7757169	33.14
125.5	167.6628412	33.42	2.271	124.8	166.4581678	32.97
130.1	176.7139881	33.34	2.193	126.9	170.2024087	32.91
134.5	187.5288517	33.49	1.966	129.6	175.6274687	33.02
122.2	162.3392225	33.39	1.71	120.5	159.929249	32.95
140.5	178.2639076	33.44	2.049	139.5	181.3587702	33.1
130.4	177.3788901	33.75	0.933	127.5	171.3461128	33.48
89.7	144.3933148	33.89	1.882	87.1	145.1070106	33.55
88.3	144.7396894	33.98	1.057	86.5	145.3153153	33.62
132.3	181.8267455	34.11	1.271	130	176.4945334	33.77
190.9	128.7937914	34.37	1.564	184.2	128.0191197	34.09
170.8	131.8211113	34.56	2.313	166.4	134.7576487	34.23
181.5	128.2036041	34.3	1.831	175.3	129.7210908	33.88
153.5	149.5047542	34.36	1.971	147.7	160.0831011	33.94
168.4	133.3092177	34.16	2.076	164.9	135.9745142	33.68
136.5	191.6887683	34.18	1.265	130.5	177.6027217	33.79
147	161.577273	34.16	1.849	147.9	159.6656133	33.75
183.6	128.0355004	34.24	2.123	178.7	128.6977354	33.83
196.3	130.7322487	34.19	2.306	193.1	129.4377621	33.75
212.3	144.586539	34.23	1.804	203.5	135.3112579	33.84
189.3	128.4479207	34.22	2.139	185.6	128.0355004	33.86
196.4	130.7797169	34.16	2.144	191.4	128.9229071	33.79
181.1	128.2552218	34.25	2.423	175.4	129.6842235	33.95
186.1	128.0598829	34.18	2.612	184.9	128.0177548	33.85
193.5	129.5761138	33.93	2.337	189.9	128.565657	33.57
204.6	136.2317817	33.91	2.792	201.5	133.7940871	33.52
196	130.5924354	33.91	2.259	188.7	128.3444613	33.53
216.3	150.4634796	33.95	2.665	212	144.1921397	33.53
234.1	189.1957803	33.82	2.21	227.2	173.9118416	33.37
230.5	183.9540825	33.77	1.769	224.1	165.9045121	33.35
218.7	154.5974305	33.72	1.573	214.8	148.1195561	33.31
249.4	158.9978987	33.89	0.852	240.2	174.3585583	33.51

2.047	150.9	153.8738695	154.4096143	Yes
1.17	150.2	155.1495646	161.4613065	Yes
1.994	159.5	141.3652945	137.784595	Yes
1.898	125.3	167.3143222	163.9160162	Yes
2.153	145	166.1438025	159.6631918	Yes
2.097	142	173.9118416	169.6195185	Yes
1.101	156.4	145.2575724	139.2558304	Yes
1.993	120.5	159.929249	162.4743505	Yes
2.944	154.2	148.4219956	144.9886591	Yes
2.406	146.3	163.1241775	158.9965964	Yes
2.479	158.8	142.1896378	139.0227709	Yes
2.318	135.7	190.9137326	176.8607835	Yes
3.18	133	183.5738179	172.4798183	Yes
2.868	140.3	178.8700569	172.4551409	Yes
1.462	117.6	156.2898875	158.0332042	Yes
1.403	122.2	162.3392225	162.7923548	Yes
2.194	117.6	156.2898875	158.3360433	Yes
2.368	114	152.5255981	156.357083	Yes
2.413	133.9	185.9112491	174.587752	Yes
2.954	144.4	167.6049563	160.1942504	Yes
2.525	130	176.4945334	167.4782052	Yes
2.427	131.9	180.8553063	170.8021684	Yes
2.139	134.3	186.9842516	177.4955838	Yes
2.091	123.8	164.8092124	163.2928727	Yes
2.075	143.4	170.1401693	165.7690945	Yes
1.195	130.2	176.9345288	167.1779917	Yes
2.148	94.2	143.869106	145.7955465	Yes
1.303	92	144.0138522	147.2971112	Yes
1.469	134.4	187.2558705	175.1193762	Yes
1.611	186.2	128.065931	133.0755292	Yes
2.422	170.6	131.9350344	132.2944411	Yes
2.12	183.8	128.0284797	130.4869275	Yes
2.247	154.7	147.6715655	146.6053394	Yes
2.394	168.8	133.042617	133.2381976	Yes
1.559	138.6	184.28627	177.3981574	Yes
2.13	152.8	150.6260744	151.0954482	Yes
2.496	184.3	128.0177548	130.9230732	Yes
2.276	202	134.1548834	141.3927354	Yes
2.087	211.6	143.6757156	150.9782821	Yes
2.223	195.8	130.5013785	134.2199854	Yes
2.533	199.2	132.2876789	133.6794203	Yes
2.441	179.6	128.5050003	131.5543258	Yes
2.905	190.4	128.6747234	133.6127672	Yes
2.475	195.7	130.4564935	136.9849986	Yes
3.177	204.7	136.3185854	144.9431427	Yes
2.491	194.3	129.8727295	136.0674134	Yes
3.1	218.1	153.51742	155.297375	Yes
2.682	232.6	191.31691	175.0952524	Yes
2.172	229.5	180.726811	173.2471621	Yes
1.846	221.1	159.2522329	159.8347922	Yes
1.095	251.1	156.8769637	157.5838907	Yes

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9/9/2019	14:16	35.3	1.276
9/9/2019	14:17	35.38	1.029
9/9/2019	14:18	35.51	1.616
9/9/2019	14:19	35.55	1.794
9/9/2019	14:20	35.43	1.28
9/9/2019	14:21	35.38	1.313
9/9/2019	14:22	35.47	1.183
9/9/2019	14:23	35.47	0.674
9/9/2019	14:24	35.41	0.768
9/9/2019	14:25	35.36	1.257
9/9/2019	14:26	35.43	1.312
9/9/2019	14:27	35.56	0.831
9/9/2019	14:28	35.78	0.908
9/9/2019	14:29	35.78	0.83
9/9/2019	14:30	35.89	1.228
9/9/2019	14:31	35.93	1.938
9/9/2019	14:32	35.73	1.13
9/9/2019	14:33	35.83	1.232
9/9/2019	14:34	35.77	0.94
9/9/2019	14:35	35.8	1.63
9/9/2019	14:36	35.69	1.73
9/9/2019	14:37	35.62	1.71
9/9/2019	14:38	35.65	1.187
9/9/2019	14:39	35.7	1.146
9/9/2019	14:40	35.76	0.278
9/9/2019	14:41	35.88	0.307
9/9/2019	14:42	36.15	1.19
9/9/2019	14:43	36.14	1.438
9/9/2019	14:44	35.92	1.47
9/9/2019	14:45	35.73	1.704
9/9/2019	14:46	35.67	1.711
9/9/2019	14:47	35.58	1.281
9/9/2019	14:48	35.6	1.302
9/9/2019	14:49	35.52	1.458
9/9/2019	14:50	35.48	0.898
9/9/2019	14:51	35.5	0.718
9/9/2019	14:52	35.75	0.853
9/9/2019	14:53	35.81	1.454
9/9/2019	14:54	35.78	1.557
9/9/2019	14:55	35.71	1.375
9/9/2019	14:56	35.63	1.264
9/9/2019	14:57	35.43	1.74
9/9/2019	14:58	35.19	0.808
9/9/2019	14:59	35.38	0.61
9/9/2019	15:00	35.49	1.65
9/9/2019	15:01	35.28	1.535
9/9/2019	15:02	35.23	0.8

238.3	178.509184	35.18	1.645
272.2	143.9919054	35.09	0.97
199.5	132.4701664	35.29	2.077
252.6	155.1640479	35.36	2.184
275.6	143.8875148	35.09	1.526
235.4	185.6463296	35.11	1.205
219.9	156.8559046	35.24	1.911
204.5	136.145503	35.27	2.071
197.9	131.5441627	35.13	1.754
205.9	137.4017445	35.09	1.7
215.6	149.347741	35.17	1.474
209	140.5713153	35.18	0.91
167.6	133.8652759	35.19	0.967
178.9	128.6521114	35.18	1.523
198.9	132.1093104	35.25	1.481
205	136.5821614	35.37	1.046
211.3	143.2953883	35.62	1.056
251.2	156.7582401	35.65	0.986
213.7	146.5095784	35.77	1.354
189.4	128.4665503	35.8	2.233
210.7	142.5524154	35.55	1.644
214.3	147.3766469	35.64	1.656
198	131.5986579	35.55	1.187
222.8	162.8998881	35.56	1.981
221	159.0470698	35.43	2.294
222.8	162.8998881	35.32	2.117
225.1	168.3521774	35.37	1.507
219.9	156.8559046	35.42	1.278
68.91	159.6461962	35.52	0.282
106.6	147.0796431	35.74	0.329
228.7	178.2639076	36.01	1.542
234.1	189.1957803	35.92	1.805
240.8	173.1267013	35.66	1.863
231	185.6327901	35.43	1.979
203.4	135.2306555	35.38	1.971
185.7	128.0395961	35.31	1.775
178.9	128.6521114	35.36	1.675
189.1	128.4118509	35.32	1.647
193.3	129.506112	35.29	1.037
253	154.7313813	35.31	0.843
203.8	135.5561236	35.61	1.035
200.7	133.2418584	35.66	1.789
249.2	159.2604663	35.61	1.777
227.1	173.6334397	35.49	1.816
232.7	191.6887683	35.37	1.521
221.3	159.6656133	35.16	2.192
219.9	156.8559046	34.87	0.964
209.3	140.9079226	35.1	0.775
241.7	171.3461128	35.27	1.914
258.7	149.5886665	35.05	1.735
276.4	143.936624	35.01	0.946

214.1	147.0846926	34.59	1.639
247.2	162.0444998	34.51	1.078
190	128.5866722	34.7	2.065
230.5	183.9540825	34.8	2.389
249.7	158.6092822	34.52	1.764
215.1	148.5743588	34.59	1.321
196.9	131.0235708	34.73	2.144
185.6	128.0355004	34.73	2.492
165	135.8898012	34.53	2.002
188.4	128.2980674	34.47	1.918
192.9	129.3710598	34.52	1.642
181	128.2691098	34.48	1.029
140.9	177.070287	34.48	0.909
162.5	138.1673439	34.52	1.777
169.6	132.5319155	34.59	1.726
184.6	128.016	34.72	1.39
194.4	129.9116845	34.96	1.279
227.2	173.9118416	34.98	1.044
194.2	129.8341932	35.15	1.65
170.4	132.0507649	35.17	2.34
185.3	128.0255546	34.91	1.921
186.6	128.0940314	35.05	1.858
177.7	128.9499403	34.95	1.252
198.5	131.8778474	34.94	2.235
198.6	131.9350344	34.8	2.462
199.5	132.4701664	34.72	2.508
201.7	133.9369487	34.76	1.951
196.2	130.6852129	34.82	1.364
93.6	143.8875148	34.89	0.347
93	143.9217129	35.18	0.336
203.9	135.6387698	35.38	1.56
208.2	139.7001382	35.25	2.149
213.8	146.6522652	34.98	2.006
209.2	140.7951122	34.78	2.278
182	128.1479193	34.82	2.482
170.1	132.2277664	34.72	2.019
157.2	144.1921397	34.75	2.016
170.6	131.9350344	34.71	2.053
169.8	132.4088779	34.66	1.151
232.7	191.6887683	34.68	0.847
189.1	128.4118509	34.95	1.053
181.7	128.180153	34.99	2.104
225.6	169.6228634	34.98	1.963
203.7	135.4739906	34.86	2.094
213.5	146.2263702	34.74	1.789
196.9	131.0235708	34.54	2.704
200.7	133.2418584	34.27	1.058
185.9	128.0489586	34.53	0.934
217.9	153.1644801	34.66	2.311
236.4	183.0684457	34.45	2.078
253.8	153.8956445	34.42	1.044

209.8	141.481181	34.15	2.004	207.5	138.968767	33.78
243	168.9104738	34.06	1.162	240.1	174.5674412	33.69
183.9	128.0255546	34.28	2.821	172.6	130.8759536	34.01
227.8	175.6124958	34.37	2.752	222.4	162.0137796	34.03
248.3	160.4771641	34.06	1.781	240.8	173.1267013	33.57
211.4	143.4215034	34.14	1.497	207.3	138.7650022	33.77
193	129.4042052	34.31	2.443	187.1	128.1379589	33.95
178.8	128.6747234	34.33	2.813	176.3	129.3710598	33.92
161.5	139.1748294	34.07	2.295	157.9	143.2953883	33.63
182.5	128.1020341	33.96	2.295	179	128.6298991	33.57
181.2	128.2417275	34.01	1.949	183.6	128.0355004	33.63
171.3	131.5441627	33.98	1.066	168.7	133.1085592	33.68
138.8	183.6236488	33.97	1.156	136.6	191.31691	33.68
157.5	143.8038178	34.02	2.084	155.2	146.9398193	33.78
163.8	136.9410396	34.08	1.967	160.6	140.1309578	33.76
181.8	128.1690162	34.23	1.385	176.8	129.2114853	33.89
196.4	130.7797169	34.44	1.408	187.3	128.1582717	34.07
224.3	166.3842917	34.48	1.187	221.2	159.4584123	34.12
185.8	128.0440822	34.66	1.689	180.5	128.3444613	34.3
166.7	134.5279034	34.73	2.811	163.6	137.1236975	34.37
177.6	128.9773778	34.48	2.065	175.2	129.7583745	34.1
181.9	128.1582717	34.66	2.048	177.1	129.120645	34.33
172	131.1751217	34.53	1.448	169.5	132.5941263	34.18
195.1	130.1961465	34.49	2.611	191.1	128.8442293	34.13
193.2	129.4717308	34.39	2.824	188.7	128.3444613	34
195.5	130.3680067	34.32	2.713	189.1	128.4118509	33.94
194.8	130.0717042	34.37	1.965	188.7	128.3444613	34.04
193	129.4042052	34.43	1.585	189.9	128.565657	34.1
105.3	146.4112828	34.49	0.312	121.3	161.0367221	34.2
108.7	148.3346233	34.78	0.289	107.6	147.6498563	34.62
202.6	134.6039881	34.97	1.97	194.9	130.1127622	34.76
205.5	137.032099	34.81	2.264	199.4	132.4088779	34.45
207.1	138.5635199	34.54	2.306	204.2	135.8898012	34.13
203.4	135.2306555	34.38	2.51	200	132.7835393	34.03
182	128.1479193	34.46	2.614	174	130.2384741	34.11
164.3	136.4937737	34.35	2.158	162.7	137.9726212	34.01
152.5	151.1187431	34.38	2.202	148.3	158.8429179	34.05
166.6	134.6039881	34.34	2.17	164	136.7605319	34.01
172.4	130.9739291	34.23	1.367	166.4	134.7576487	33.88
225.9	170.4007875	34.26	0.93	223.6	164.7258126	33.94
176	129.4717308	34.52	1.209	167.3	134.0817512	34.26
175.7	129.5761138	34.55	2.412	170.6	131.9350344	34.29
224	165.6664139	34.56	2.243	215.7	149.5047542	34.24
199.4	132.4088779	34.45	2.368	194.7	130.0310681	34.05
210	141.7148217	34.3	1.898	202.9	134.8352272	33.87
192.1	129.120645	34.16	2.881	189.4	128.4665503	33.73
193.3	129.506112	33.88	1.223	186.3	128.0723698	33.51
184.5	128.016195	34.18	0.887	181.3	128.2286266	33.9
211	142.9209771	34.33	2.466	208.3	139.8069561	34.02
228.7	178.2639076	34.1	2.152	225.5	169.3661605	33.7
253.5	154.2044642	34.04	1.061	241.9	170.9610894	33.7

2.08	214.1	147.0846926	150.6257034	Yes
1.332	250.5	157.6032138	161.4235068	Yes
2.677	180.6	128.328602	129.6573898	Yes
3.216	230	182.3192244	171.812726	Yes
2.117	249	159.5258496	159.1253024	Yes
1.683	212.1	144.3229273	152.1460243	Yes
2.706	192.9	129.3710598	134.9585399	Yes
3.177	180.6	128.328602	130.1110777	Yes
2.597	160.1	140.6829105	138.1174184	Yes
2.464	183.5	128.0395961	130.0942682	Yes
2.036	186.1	128.0598829	132.6111823	Yes
1.262	170.8	131.8211113	133.0628516	Yes
1.164	144.6	167.1130196	170.5978282	Yes
2.404	162	138.6639767	139.2454138	Yes
2.188	165.7	135.3112579	135.4048962	Yes
1.773	181.9	128.1582717	130.0273869	Yes
1.531	193.3	129.506112	132.3302347	Yes
1.255	228.6	177.9631823	166.8951936	Yes
2.166	182.1	128.1379589	132.1740548	Yes
3.201	169.4	132.6567999	132.9651432	Yes
2.28	180.8	128.2980674	131.5223579	Yes
2.15	181.2	128.2417275	132.1982645	Yes
1.489	179.1	128.6080861	130.5851865	Yes
2.833	195.6	130.4120364	136.8460296	Yes
3.144	194.2	129.8341932	135.7264979	Yes
3.163	194.2	129.8341932	136.7968211	Yes
2.372	194.2	129.8341932	138.107897	Yes
1.653	198.7	131.9926732	135.5007306	Yes
0.346	80.5	148.3346233	151.8632678	Yes
0.271	110.6	149.6633025	147.3298276	Yes
2.137	205	136.5821614	143.0403178	Yes
2.838	205.1	136.6710803	147.0015951	Yes
2.407	211	142.9209771	147.430653	Yes
2.826	206	137.4955162	146.3875227	Yes
2.9	179.4	128.5450401	130.0620017	Yes
2.641	167.8	133.7233811	133.6914277	Yes
2.586	152.7	150.7894808	146.7190786	Yes
2.497	168.3	133.3770516	133.0176914	Yes
1.508	177.2	129.0911795	131.3475494	Yes
0.904	224.9	167.8527808	169.8799061	Yes
1.285	159.6	141.2500277	133.7542968	Yes
2.779	175.4	129.6842235	130.5234766	Yes
2.617	223.9	165.4295013	161.8967998	Yes
2.878	201.3	133.6531567	141.0401066	Yes
2.286	209.2	140.7951122	151.0520599	Yes
3.405	191.7	129.00522	135.4563199	Yes
1.257	194.8	130.0717042	135.5495898	Yes
1.052	194.9	130.1127622	131.062893	Yes
2.828	215.1	148.5743588	151.162577	Yes
2.484	232.7	191.6887683	174.3951897	Yes
1.21	250.1	158.1007946	156.2197234	Yes

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9/9/2019	15:05	35.54	1.917
9/9/2019	15:06	35.55	1.304
9/9/2019	15:07	35.6	1.64
9/9/2019	15:08	35.53	1.487
9/9/2019	15:09	35.52	1.109
9/9/2019	15:10	35.53	0.922
9/9/2019	15:11	35.65	0.997
9/9/2019	15:12	35.67	1.986
9/9/2019	15:13	35.52	1.48
9/9/2019	15:14	35.52	1.256
9/9/2019	15:15	35.57	0.751
9/9/2019	15:16	35.75	0.633
9/9/2019	15:17	35.98	0.849
9/9/2019	15:18	35.95	1.767
9/9/2019	15:19	35.62	1.405
9/9/2019	15:20	35.41	0.858
9/9/2019	15:21	35.21	1.528
9/9/2019	15:22	34.7	1.382
9/9/2019	15:23	34.35	0.818
9/9/2019	15:24	34.28	0.792
9/9/2019	15:25	34.22	0.682
9/9/2019	15:26	34.18	0.891
9/9/2019	15:27	34.23	1.564
9/9/2019	15:28	34.41	1.528
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9/9/2019	15:30	34.75	1.129
9/9/2019	15:31	34.97	1.395
9/9/2019	15:32	34.97	1.132
9/9/2019	15:33	35.07	1.412
9/9/2019	15:34	35.2	1.561
9/9/2019	15:35	35.38	1.173
9/9/2019	15:36	35.43	1.92
9/9/2019	15:37	35.21	1.603
9/9/2019	15:38	34.74	1.596
9/9/2019	15:39	34.45	1.779
9/9/2019	15:40	34.64	1.455
9/9/2019	15:41	34.85	1.257
9/9/2019	15:42	35.12	1.301
9/9/2019	15:43	35.34	0.854
9/9/2019	15:44	35.49	1.516
9/9/2019	15:45	35.42	1.022
9/9/2019	15:46	35.59	1.091
9/9/2019	15:47	35.62	1.295
9/9/2019	15:48	35.64	1.248
9/9/2019	15:49	35.64	1.548
9/9/2019	15:50	35.6	2.133
9/9/2019	15:51	35.37	1.862
9/9/2019	15:52	35.27	1.397
9/9/2019	15:53	35.23	1.189

321.7	174.7556358	35.2	0.569
296.3	154.8386144	35.45	2.206
191.8	129.0334674	35.43	2.43
187.3	128.1582717	35.4	1.529
186.5	128.0864199	35.43	2.155
191.7	129.00522	35.34	2.124
182.4	128.1104281	35.34	1.241
153.5	149.5047542	35.4	0.991
174.2	130.1542428	35.55	1.495
170	132.2876789	35.55	2.285
190	128.5866722	35.36	1.766
178.3	128.7937914	35.35	1.487
205.6	137.1236975	35.45	0.843
204.2	135.8898012	35.66	0.689
193.2	129.4717308	35.93	1.075
178.9	128.6521114	35.91	2.016
142.8	171.7238383	35.51	1.651
170.6	131.9350344	35.27	1.129
180.2	128.3944101	35.08	1.826
196.5	130.8276183	34.52	1.709
181.9	128.1582717	34.16	1.009
181.5	128.2036041	34.11	1.011
194.4	129.9116845	34.09	0.949
179.1	128.6080861	34.07	1.032
183.8	128.0284797	34.11	1.844
196.4	130.7797169	34.3	2.214
223.2	163.8037704	34.44	1.761
209.9	141.5976893	34.62	1.413
196.1	130.6386087	34.88	1.724
208.9	140.4603245	34.85	1.417
230.9	185.293471	34.94	1.544
227.6	175.0397923	35.06	1.646
212.7	145.1219829	35.21	1.426
202.2	134.3026158	35.25	2.128
216	149.9805289	35.03	1.93
226.8	172.8067032	34.54	1.965
208.7	140.2401479	34.23	1.904
225.4	169.1107479	34.44	1.769
243.4	168.1922038	34.68	1.507
242.6	169.6432085	34.97	1.355
232.6	191.31691	35.18	0.993
223.4	164.2624968	35.36	2.145
202.7	134.6805694	35.25	1.099
182.4	128.1104281	35.45	1.438
193.9	129.7210908	35.51	1.71
229.1	179.4825368	35.51	1.607
221.4	159.8738411	35.51	1.622
245.7	164.3305874	35.43	2.37
235.5	185.382728	35.14	2.152
219.4	155.8985853	35.03	1.734
195	130.1542428	34.97	1.434

285.5	146.5088075	34.55	0.785
270.4	144.2529947	34.82	2.719
170.9	131.7648252	34.85	2.71
165.7	135.3112579	34.75	1.867
171.2	131.5986579	34.8	2.331
165.8	135.2306555	34.66	2.388
158.9	142.0699862	34.6	1.232
128.8	173.943875	34.65	1.106
151.8	152.2972712	34.81	1.465
151.1	153.51742	34.87	2.462
171.9	131.2265166	34.67	2.215
157.2	144.1921397	34.73	1.713
188.1	128.2552218	34.78	0.978
184.8	128.0167799	34.97	0.949
168.2	133.4453614	35.16	1.147
149	157.4417417	35.11	2.2
119.5	158.6092822	34.74	1.849
144.4	167.6049563	34.59	1.208
159.1	141.8325805	34.45	2.115
171.3	131.5441627	33.96	1.917
155.3	146.7956779	33.67	1.306
155.1	147.0846926	33.71	0.997
166	135.0709716	33.71	1.116
157.7	143.5482783	33.72	1.209
160	140.7951122	33.79	2.418
176.5	129.3060009	33.95	2.367
192	129.0911795	34.05	1.717
187.1	128.1379589	34.24	1.43
172.3	131.0235708	34.4	2.255
187.8	128.2159189	34.31	1.69
211.2	143.1699306	34.38	1.743
204.4	136.0597477	34.48	1.983
184.8	128.0167799	34.57	1.838
178.7	128.6977354	34.6	2.618
193.4	129.5409061	34.39	2.305
202.9	134.8352272	34	2.18
188.2	128.2691098	33.83	1.964
202	134.1548834	34.07	2.047
223.2	163.8037704	34.28	1.723
221.3	159.6656133	34.54	1.495
213.8	146.6522652	34.73	1.191
196.9	131.0235708	34.81	2.432
179.5	128.5248214	34.71	1.268
159.7	141.1353782	34.85	1.801
174.8	129.9116845	34.87	2.161
200.6	133.1749726	34.86	1.994
203.3	135.1505606	34.85	2.107
220	157.0502204	34.77	2.759
211.8	143.9325875	34.53	2.637
193.8	129.6842235	34.43	2.218
175.9	129.506112	34.35	1.768

281	144.7678047	34.16	0.707	281.7	144.9772949	33.92
260	148.6661534	34.39	2.76	257.3	150.682349	34.15
166.3	134.8352272	34.49	3.145	162.4	138.2655439	34.21
163.1	137.5898354	34.35	2.007	158.9	142.0699862	34.02
166.2	134.9133063	34.38	2.993	164.6	136.2317817	34.04
161.7	138.968767	34.22	2.738	159	141.9509679	33.81
149.9	155.7099409	34.12	1.59	151.9	152.1263931	33.67
129.9	176.2761595	34.15	1.281	125.2	167.1413681	33.78
143.8	169.1107479	34.34	1.757	144.1	168.3521774	34.04
144.5	167.3583715	34.46	2.925	142.5	172.5339195	34.14
166.6	134.6039881	34.28	2.407	163.4	137.3085186	33.94
156.8	144.7193684	34.35	1.871	151.5	152.8150171	34.07
171.5	131.436508	34.36	1.106	184.3	128.0177548	34.02
192.6	129.2740865	34.48	0.9	182.8	128.0791994	34.14
165.3	135.6387698	34.65	1.331	159.2	141.7148217	34.33
141.4	175.6124958	34.58	2.641	142.2	173.356455	34.19
116	154.5187706	34.22	2.129	113.8	152.3392627	33.84
139.3	181.9973899	34.16	1.363	145.5	164.9592071	33.88
156.1	145.6685335	34.11	2.425	154.5	147.9694733	33.83
164.5	136.3185854	33.68	2.313	162.3	138.3643054	33.42
152.9	150.4634796	33.43	1.242	151.2	153.3405134	33.22
150.7	154.2338617	33.5	1.251	148.5	158.4376272	33.32
153.3	149.8211447	33.51	1.252	158.5	142.5524154	33.33
151.8	152.2972712	33.55	1.288	151.3	153.1644801	33.41
158.7	142.3099249	33.61	2.484	156	145.8069274	33.47
169.7	132.4701664	33.75	2.861	170.1	132.2277664	33.57
188.2	128.2691098	33.82	2.264	184.9	128.0177548	33.57
183.7	128.031795	34.01	1.636	180.2	128.3944101	33.8
169.5	132.5941263	34.14	2.406	166.2	134.9133063	33.85
182	128.1479193	34.03	1.829	178.3	128.7937914	33.78
200.4	133.042617	34.07	1.944	201.1	133.514148	33.85
201.8	134.0091067	34.17	2.115	198	131.5986579	33.93
178.2	128.8188092	34.25	1.802	177.1	129.120645	33.94
175.4	129.6842235	34.27	2.637	170.3	132.1093104	34
187.5	128.180153	34.09	2.59	185.8	128.0440822	33.82
196.8	130.9739291	33.75	2.482	191	128.8188092	33.51
190.8	128.7691755	33.63	2.375	183.5	128.0395961	33.44
195.4	130.3244035	33.86	2.216	195	130.1542428	33.68
219.2	155.5222256	34.01	1.824	209.8	141.481181	33.79
222.4	162.0137796	34.26	1.614	215.5	149.1915112	34.02
206.5	137.9726212	34.45	1.126	202.9	134.8352272	34.23
188.9	128.3773651	34.5	2.667	187.3	128.1582717	34.22
173.6	130.4120364	34.38	1.357	171.4	131.490113	34.14
152.6	150.9537025	34.5	1.755	150.5	154.5974305	34.23
169.3	132.7199372	34.52	2.126	167	134.3026158	34.26
196.6	130.8759536	34.48	2.123	191.4	128.9229071	34.23
199.9	132.7199372	34.46	2.106	193.9	129.7210908	34.14
211.3	143.2953883	34.4	2.946	210.6	142.43085	34.07
202.7	134.6805694	34.2	2.755	201.9	134.0817512	33.86
187.4	128.1690162	34.12	2.26	181.7	128.180153	33.8
173.5	130.4564935	34.03	1.729	169.9	132.3480491	33.76

0.932	282.2	145.1405816	151.2300249	Yes
3.528	256.8	151.0987909	149.9077805	Yes
3.469	169.3	132.7199372	133.3238002	Yes
2.394	159.4	141.481181	136.9221064	Yes
3.406	169	132.9121422	132.7484616	Yes
3.074	163	137.6847037	136.5680628	Yes
1.653	151.5	152.8150171	146.1663531	Yes
1.364	136.1	192.0882584	171.790883	Yes
1.792	150.3	154.96461	154.9758098	Yes
3.338	146.1	163.5761126	157.8547005	Yes
2.754	168.8	133.042617	132.9536625	Yes
2.123	159.4	141.481181	142.4002995	Yes
1.191	186.8	128.1104281	130.5887221	Yes
1.063	196.7	130.9247236	130.4369181	Yes
1.555	167.3	134.0817512	134.870487	Yes
3.033	145.6	164.7258126	159.9577233	Yes
2.383	119.5	158.6092822	159.1600872	Yes
1.557	147.9	159.6656133	161.2324402	Yes
2.871	158.4	142.6746234	141.3079242	Yes
2.531	165.7	135.3112579	134.4731859	Yes
1.615	150.7	154.2338617	146.5983609	Yes
1.417	152.7	150.7894808	147.7498533	Yes
1.379	156.1	145.6685335	140.6049499	Yes
1.512	152.9	150.4634796	145.6163191	Yes
3.023	161.8	138.8665983	139.1614085	Yes
3.072	175.7	129.5761138	130.8719529	Yes
2.245	190.8	128.7691755	135.590198	Yes
1.667	185.5	128.031795	130.8387297	Yes
2.852	170.9	131.7648252	132.1868875	Yes
1.926	183.9	128.0255546	130.7287017	Yes
1.978	204.3	135.9745142	146.1989362	Yes
2.418	204	135.7219305	142.485847	Yes
2.017	181.2	128.2417275	131.8639889	Yes
3.071	175.6	129.6117355	130.8811241	Yes
2.933	192.3	129.1807975	132.9852935	Yes
2.777	198.4	131.8211113	139.851156	Yes
2.54	188.6	128.328602	130.7293263	Yes
2.491	203.3	135.1505606	139.7789676	Yes
2.113	217.5	152.4689987	156.2936759	Yes
1.852	226	170.6627261	162.2353677	Yes
1.369	214.6	147.8201441	151.7194336	Yes
2.885	191.6	128.9773778	136.1598165	Yes
1.412	176.3	129.3710598	130.89572	Yes
2.143	154.1	148.5743588	144.6742596	Yes
2.43	171.8	131.2783518	131.586736	Yes
2.423	199.1	132.2277664	140.9368273	Yes
2.399	198	131.5986579	137.8128175	Yes
3.182	217	151.6188155	151.7451723	Yes
3.096	206.5	137.9726212	147.2100515	Yes
2.587	186.4	128.0791994	134.0022355	Yes
1.831	178.7	128.6977354	130.2325265	Yes

3.07
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5.327
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2.683

9/9/2019	15:54	35.31	0.662
9/9/2019	15:55	35.42	1.017
9/9/2019	15:56	35.47	1.087
9/9/2019	15:57	35.54	1.295
9/9/2019	15:58	35.69	1.299
9/9/2019	15:59	35.73	2.073
9/9/2019	16:00	35.42	1.994
9/9/2019	16:01	35.3	1.641
9/9/2019	16:02	35.3	1.48
9/9/2019	16:03	35.26	1.177
9/9/2019	16:04	35.22	1.193
9/9/2019	16:05	35.24	0.588
9/9/2019	16:06	35.5	0.475
9/9/2019	16:07	35.9	0.731
9/9/2019	16:08	36.01	0.612
9/9/2019	16:09	35.95	1.356
9/9/2019	16:10	35.73	1.923
9/9/2019	16:11	35.48	1.063
9/9/2019	16:12	35.54	0.624
9/9/2019	16:13	35.59	1.362
9/9/2019	16:14	35.54	1.429
9/9/2019	16:15	35.44	0.913
9/9/2019	16:16	35.45	0.856
9/9/2019	16:17	35.44	1.572
9/9/2019	16:18	35.27	1.785
9/9/2019	16:19	35.2	0.938
9/9/2019	16:20	35.18	1.099
9/9/2019	16:21	35.16	0.69
9/9/2019	16:22	35.22	0.888
9/9/2019	16:23	35.36	0.843
9/9/2019	16:24	35.42	1.446
9/9/2019	16:25	35.23	2.046
9/9/2019	16:26	35.06	1.695
9/9/2019	16:27	35.04	1.268
9/9/2019	16:28	35.05	1.235
9/9/2019	16:29	35.16	1.147
9/9/2019	16:30	35.37	0.887
9/9/2019	16:31	35.52	0.822
9/9/2019	16:32	35.4	1.587
9/9/2019	16:33	35.19	1.676
9/9/2019	16:34	35.07	1.272
9/9/2019	16:35	35.08	0.759
9/9/2019	16:36	35.17	1.261
9/9/2019	16:37	35.12	1.425
9/9/2019	16:38	35.04	1.447
9/9/2019	16:39	35.01	1.086
9/9/2019	16:40	35.07	0.973
9/9/2019	16:41	35.09	1.386
9/9/2019	16:42	34.98	1.787
9/9/2019	16:43	34.92	1.375
9/9/2019	16:44	34.97	1.612

240	174.7773583	35.11	0.667
271.7	144.0500767	35.28	1.185
245.4	164.8092124	35.32	1.352
195	130.1542428	35.38	1.358
175.8	129.5409061	35.54	1.545
160	140.7951122	35.6	2.336
165.6	135.3923691	35.27	2.178
170.6	131.9350344	35.14	2.031
161.4	139.278727	35.16	1.722
166.1	134.9918873	35.13	1.459
141.1	176.4826621	35.1	1.436
208.6	140.1309578	35.11	0.703
36.94	151.5182039	35.38	0.547
24.83	136.4322175	35.84	0.959
105.1	146.3156694	35.96	0.71
184.3	128.0177548	35.92	1.519
187.5	128.180153	35.66	2.178
211.3	143.2953883	35.37	1.349
148	159.4584123	35.46	0.888
151.9	152.1263931	35.54	1.645
149.8	155.8985853	35.45	1.633
131.3	179.4337369	35.32	1.264
141.5	175.3254093	35.3	1.046
205.3	136.8505178	35.29	2.004
202.3	134.3772185	35.07	2.033
157.4	143.9325875	35.02	1.215
150.6	154.4151969	35.06	1.361
155.3	146.7956779	35.04	0.946
166.5	134.6805694	35.11	0.979
185.1	128.0208746	35.24	1.02
173.5	130.4564935	35.32	1.82
192.9	129.3710598	35.12	2.167
189	128.3944101	34.92	2.027
182	128.1479193	34.9	1.445
190.6	128.7211479	34.91	1.424
168.8	133.042617	35.03	1.259
183.5	128.0395961	35.27	1.122
207.5	138.968767	35.43	1.11
175.7	129.5761138	35.29	1.967
190.9	128.7937914	35.06	2.095
188	128.2417275	34.93	1.506
206.3	137.780123	34.95	0.969
199.5	132.4701664	35.04	1.466
208.9	140.4603245	35	2.073
183.1	128.0598829	34.91	1.657
184	128.0230196	34.88	1.116
198.8	132.0507649	34.93	1.224
203.6	135.3923691	34.96	1.599
207.9	139.3832047	34.82	2.135
218.2	153.695204	34.73	1.753
220.3	157.6389568	34.81	1.874

215.8	149.6625543	34.5	0.874
247	162.3392225	34.64	1.463
218.5	154.2338617	34.73	1.684
169.2	132.7835393	34.76	1.595
152.2	151.6188155	34.96	2.134
138	186.3168781	35.02	2.686
145.2	165.6664139	34.7	2.972
149.9	155.7099409	34.59	2.452
137.4	188.4136263	34.64	2.196
142.9	171.4565408	34.55	1.82
118.7	157.6032138	34.51	1.636
172.6	130.8759536	34.51	0.755
22.99	134.9054758	34.72	0.623
5.907	128.0493146	35.03	0.853
81.7	147.5906108	35.09	0.854
161.6	139.0715101	35.12	1.948
160.8	139.914364	34.92	2.677
182.4	128.1104281	34.66	1.62
126.4	169.2750169	34.82	1.1
129.6	175.6274687	34.92	1.828
127.9	172.1277015	34.84	1.925
108.9	148.4657012	34.71	1.472
120.4	159.7940691	34.69	1.227
184.9	128.0177548	34.67	2.285
175.7	129.5761138	34.47	2.513
139.5	181.3587702	34.45	1.426
124.6	166.1216858	34.5	1.697
137.9	186.6616714	34.49	1.244
143.6	169.6228634	34.51	1.315
163.1	137.5898354	34.59	1.159
151.9	152.1263931	34.66	2.377
168.8	133.042617	34.5	2.796
163.9	136.8505178	34.36	2.501
161.7	138.968767	34.34	1.828
170.1	132.2277664	34.36	1.851
151.9	152.1263931	34.49	1.41
161.4	139.278727	34.69	1.164
180.5	128.3444613	34.77	1.518
156.6	144.9870876	34.64	2.566
167	134.3026158	34.44	2.641
167.2	134.1548834	34.34	1.958
182.8	128.0791994	34.36	1.374
177.3	129.0621204	34.46	2.046
178.6	128.7211479	34.42	2.686
160.2	140.5713153	34.37	2.126
156.9	144.586539	34.32	1.476
171.3	131.5441627	34.33	1.655
178.9	128.6521114	34.36	1.969
189.5	128.4855767	34.23	2.673
195.5	130.3680067	34.2	2.132
196.4	130.7797169	34.31	2.524

205.4	136.9410396	34.19	0.821	205.3	136.8505178	33.96
238	179.2008824	34.3	1.352	236.7	182.3197334	34.07
212	144.1921397	34.4	1.57	207	138.4636301	34.17
170.8	131.8211113	34.39	1.682	164.5	136.3185854	34.15
146.5	162.6767095	34.6	2.056	140.7	177.6640101	34.39
135.6	190.6237893	34.67	3.031	131.7	180.3767538	34.42
144.8	166.6259865	34.33	3.024	138.4	184.9559525	34.06
148	159.4584123	34.27	2.694	141.6	175.0397923	34.03
136.9	190.2134023	34.34	2.403	132	181.0963649	34.1
141.1	176.4826621	34.23	1.949	135.7	190.9137326	33.92
119.5	158.6092822	34.15	1.912	113.5	152.0640803	33.88
170	132.2876789	34.14	0.804	178.6	128.7211479	33.88
29.39	141.0099742	34.29	0.651	16.73	130.9394395	34.12
11.02	128.8238611	34.49	1.181	1.961	128.1519101	34.35
72.04	155.7866633	34.51	0.868	73.55	154.1526146	34.4
154	148.7274886	34.62	2.012	153.1	150.1407104	34.51
154	148.7274886	34.49	2.855	152.4	151.2846063	34.31
175.9	129.506112	34.25	1.684	172.2	131.0736496	34.04
121.4	161.1784514	34.44	1.066	118.7	157.6032138	34.28
121.5	161.3209223	34.57	2.057	120	159.2604663	34.4
124.6	166.1216858	34.48	2.208	118.6	157.480505	34.25
108.5	148.2055809	34.35	1.672	102.5	145.2440439	34.13
115.9	154.4133891	34.32	1.338	113.3	151.8834871	34.14
180.3	128.3773651	34.32	2.583	176.9	129.1807975	34.12
170.7	131.8778474	34.16	2.592	165.9	135.1505606	33.93
134.4	187.2558705	34.12	1.483	135.8	191.2051427	33.94
126.4	169.2750169	34.18	1.749	117.9	156.6401729	34
126.5	169.4586546	34.14	1.144	124.5	165.9547117	33.96
140.3	178.8700569	34.15	1.198	134.3	186.9842516	33.96
158.2	142.9209771	34.19	1.198	156.5	145.1219829	33.99
150.1	155.335435	34.27	2.405	145.5	164.9592071	34.05
166.7	134.5279034	34.17	2.953	162	138.6639767	33.96
162.6	138.0697036	34.05	2.665	157.6	143.6757156	33.84
157	144.4543929	34.02	1.814	153	150.3016928	33.81
167.5	133.9369487	34.03	1.919	162.6	138.0697036	33.82
150.1	155.335435	34.16	1.542	147.6	160.2933984	33.95
160.2	140.5713153	34.32	1.262	156.4	145.2575724	34.12
174.4	130.0717042	34.41	1.412	171.6	131.3833467	34.19
152.1	151.7871691	34.29	2.595	146.2	163.3495837	34.05
162.6	138.0697036	34.11	2.626	160.5	140.2401479	33.91
165.4	135.5561236	34.03	1.919	158.3	142.7974765	33.84
178.7	128.6977354	34.03	1.098	171.6	131.3833467	33.84
174	130.2384741	34.15	1.87	168.2	133.4453614	33.97
172.7	130.8276183	34.13	2.687	169.5	132.5941263	33.9
160.8	139.914364	34.08	2.258	154.5	147.9694733	33.89
154.9	147.3766469	33.99	1.473	152	151.9563603	33.78
171.7	131.3306282	33.98	1.518	170.2	132.1683105	33.81
172.5	130.9247236	34.04	1.974	170	132.2876789	33.89
182.4	128.1104281	33.94	2.795	179.7	128.4855767	33.77
188.8	128.3607156	33.92	2.168	183.8	128.0284797	33.8
190.5	128.6977354	34.06	2.361	187.4	128.1690162	33.96

0.914	206.1	137.5898354	147.1642611	Yes
1.542	239.2	176.4945334	168.8808897	Yes
1.783	214.1	147.0846926	149.7567073	Yes
1.73	169	132.9121422	132.7979242	Yes
2.529	140.8	177.3663815	159.7733646	Yes
3.515	134.7	188.0789318	177.2382931	Yes
3.61	141.4	175.6124958	165.6506435	Yes
3.044	144.5	167.3583715	157.9003103	Yes
2.832	135.4	190.048269	177.8100779	Yes
2.294	137.6	187.7071962	172.3104038	Yes
2.22	119.6	158.7381263	160.6994729	Yes
0.798	161.1	139.5939084	134.3219293	Yes
0.639	28.42	139.9359165	139.661802	Yes
1.111	14.82	130.079882	130.3074371	Yes
0.931	68.65	159.9971076	152.7685331	Yes
2.388	158	143.1699306	141.8254789	Yes
3.355	155.6	146.3676144	142.8948452	Yes
1.754	172.4	130.9739291	132.5919014	Yes
1.237	125.8	168.1922038	163.1414597	Yes
2.325	123.9	164.9703808	162.6611263	Yes
2.508	122.8	163.2418433	162.9740642	Yes
1.822	109.1	148.5988232	153.9895772	Yes
1.407	115.7	154.2044642	159.1241638	Yes
2.752	183.6	128.0355004	130.0923871	Yes
2.877	169	132.9121422	132.7787765	Yes
1.773	140	179.7911758	176.7087093	Yes
1.942	122.4	162.6370044	161.8178154	Yes
1.419	126.6	169.6432085	167.7027848	Yes
1.483	136.1	192.0882584	172.4491999	Yes
1.371	160.2	140.5713153	138.8449971	Yes
3.002	148.2	159.0470698	152.3849197	Yes
3.374	165.9	135.1505606	134.1512235	Yes
2.985	163.7	137.032099	136.8044892	Yes
2.128	155.2	146.9398193	141.7625183	Yes
2.119	168.8	133.042617	133.1996367	Yes
1.629	150.3	154.96461	151.1524907	Yes
1.351	159.3	141.5976893	138.94898	Yes
1.619	176.1	129.4377621	131.6412083	Yes
3.106	152.1	151.7871691	148.2974247	Yes
2.928	163.9	136.8505178	135.6513553	Yes
2.344	165.2	135.7219305	135.2944283	Yes
1.429	175.9	129.506112	131.0893033	Yes
2.245	172.2	131.0736496	131.2579544	Yes
3.05	173.3	130.5466922	132.6299819	Yes
2.478	160.4	140.3499361	139.3729943	Yes
1.76	152.9	150.4634796	144.4812091	Yes
1.677	175.2	129.7583745	131.3704482	Yes
2.247	174.7	129.9510588	131.4415884	Yes
2.926	184.5	128.016195	130.4961963	Yes
2.303	190.5	128.6977354	133.8300283	Yes
2.858	194.6	129.9908531	135.0552557	Yes

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3.886

9/9/2019	16:45	35	1.623
9/9/2019	16:46	34.94	1.513
9/9/2019	16:47	34.87	1.299
9/9/2019	16:48	34.88	1.104
9/9/2019	16:49	34.98	1.132
9/9/2019	16:50	34.89	1.157
9/9/2019	16:51	34.82	1.224
9/9/2019	16:52	34.92	0.711
9/9/2019	16:53	35	0.859
9/9/2019	16:54	35.06	0.979
9/9/2019	16:55	35.03	1.662
9/9/2019	16:56	34.86	1.721
9/9/2019	16:57	34.77	1.522
9/9/2019	16:58	34.79	1.57
9/9/2019	16:59	34.73	1.723
9/9/2019	17:00	34.58	1.581
9/9/2019	17:01	34.55	1.394
9/9/2019	17:02	34.55	0.898
9/9/2019	17:03	34.63	0.983
9/9/2019	17:04	34.69	0.999
9/9/2019	17:05	34.74	1.145
9/9/2019	17:06	34.68	1.577
9/9/2019	17:07	34.63	1.3
9/9/2019	17:08	34.69	0.778
9/9/2019	17:09	34.82	1.329
9/9/2019	17:10	34.77	1.147
9/9/2019	17:11	34.69	1.547
9/9/2019	17:12	34.65	1.171
9/9/2019	17:13	34.62	1.397
9/9/2019	17:14	34.53	1.468
9/9/2019	17:15	34.43	1.011
9/9/2019	17:16	34.49	0.749
9/9/2019	17:17	34.62	1.196
9/9/2019	17:18	34.58	1.107
9/9/2019	17:19	34.56	1.263
9/9/2019	17:20	34.51	1.206
9/9/2019	17:21	34.5	1.286
9/9/2019	17:22	34.45	1.332
9/9/2019	17:23	34.36	1.386
9/9/2019	17:24	34.42	1.285
9/9/2019	17:25	34.38	1.391
9/9/2019	17:26	34.35	1.455
9/9/2019	17:27	34.37	0.927
9/9/2019	17:28	34.4	1.181
9/9/2019	17:29	34.35	1.65
9/9/2019	17:30	34.24	1.682
9/9/2019	17:31	34.06	1.742
9/9/2019	17:32	33.95	1.257
9/9/2019	17:33	33.98	1.388
9/9/2019	17:34	33.94	1.473
9/9/2019	17:35	33.92	1.152

197.9	131.5441627	34.85	1.764
175.4	129.6842235	34.79	1.53
168	133.5834127	34.74	1.353
188.7	128.3444613	34.76	1.418
210.2	141.9509679	34.85	1.452
219.2	155.5222256	34.75	1.462
222.2	161.577273	34.64	1.461
201.1	133.514148	34.76	0.808
203.8	135.5561236	34.88	1.077
191	128.8188092	34.96	1.217
199.4	132.4088779	34.92	1.838
207	138.4636301	34.74	2.174
187.2	128.1479193	34.62	1.616
203.6	135.3923691	34.68	1.858
218.2	153.695204	34.62	1.938
204	135.7219305	34.46	1.761
221.1	159.2522329	34.44	1.618
215.6	149.347741	34.43	1.163
183	128.065931	34.5	1.135
203.7	135.4739906	34.59	1.213
194.1	129.7960751	34.64	1.425
173.3	130.5466922	34.59	1.812
164.8	136.0597477	34.56	1.492
198.1	131.6535994	34.64	0.888
196.6	130.8759536	34.79	1.739
167.2	134.1548834	34.73	1.312
155.8	146.0858429	34.65	1.79
155	147.2303008	34.62	1.335
169.8	132.4088779	34.59	1.536
170.8	131.8211113	34.48	1.571
197.7	131.436508	34.36	1.265
210.4	142.1896378	34.42	0.945
174.8	129.9116845	34.58	1.323
178.2	128.8188092	34.53	1.304
175.4	129.6842235	34.52	1.45
163.1	137.5898354	34.49	1.48
158.6	142.43085	34.49	1.244
145.4	165.1937679	34.45	1.743
160.6	140.1309578	34.33	1.678
195.3	130.2812262	34.37	1.382
172.2	131.0736496	34.34	1.483
170.8	131.8211113	34.32	1.389
182.6	128.0940314	34.35	1.142
157.3	144.0620273	34.39	1.39
168.9	132.977145	34.34	1.858
174.5	130.0310681	34.22	1.867
169.8	132.4088779	34.02	2.179
165.7	135.3112579	33.9	1.35
180.6	128.328602	33.95	1.597
198.7	131.9926732	33.9	1.9
185.6	128.0355004	33.88	1.504

181.2	128.2417275	34.36	2.594
151.1	153.51742	34.27	1.767
146.3	163.1241775	34.21	1.692
163.9	136.8505178	34.21	1.894
184.9	128.0177548	34.31	1.913
193.2	129.4717308	34.19	1.819
196.4	130.7797169	34.08	1.87
173.3	130.5466922	34.22	1.122
182.9	128.0723698	34.29	1.399
172.1	131.1241663	34.39	1.524
176.9	129.1807975	34.35	2.302
185.4	128.0284797	34.17	2.738
163.4	137.3085186	34.12	2.22
180.5	128.3444613	34.22	2.521
192.9	129.3710598	34.14	2.541
183	128.065931	34	2.107
194.7	130.0310681	33.96	2.044
194.6	129.9908531	33.94	1.37
160.9	139.8069561	33.96	1.206
177.6	128.9773778	34.02	1.36
169.8	132.4088779	34.07	1.865
150.8	154.0534207	34.06	2.382
140.4	178.5661959	34.06	1.791
173.4	130.5013785	34.14	1.079
175	129.8341932	34.27	2.187
137.6	187.7071962	34.22	1.678
134.6	187.8032029	34.14	1.89
131.1	178.969176	34.11	1.503
140.4	178.5661959	34.08	1.557
147.8	159.8738411	33.95	1.865
173.8	130.3244035	33.85	1.358
189.3	128.4479207	33.92	1.214
152.8	150.6260744	34.05	1.6
156.6	144.9870876	33.96	1.315
149.9	155.7099409	33.95	1.614
142	173.9118416	33.94	1.649
132.5	182.3197334	33.95	1.454
121.5	161.3209223	33.95	1.863
139	182.967997	33.88	1.786
171.2	131.5986579	33.93	1.668
143.4	170.1401693	33.87	1.637
148.5	158.4376272	33.87	1.538
159.6	141.2500277	33.88	1.34
137.4	188.4136263	33.92	1.521
148.4	158.6397721	33.89	2.069
152.4	151.2846063	33.76	1.992
145.8	164.2624968	33.59	2.357
153	150.3016928	33.5	1.573
161.1	139.5939084	33.54	1.752
174	130.2384741	33.5	2.141
166.4	134.7576487	33.49	1.755

176.6	129.2740865	34.11	2.264	172.8	130.7797169	33.95
151.2	153.3405134	33.99	1.97	146.3	163.1241775	33.82
145.1	165.9045121	33.9	1.96	140.4	178.5661959	33.74
159	141.9509679	33.91	1.787	157.7	143.5482783	33.75
182.6	128.0940314	34.01	1.934	173.9	130.2812262	33.88
183.3	128.0489586	33.91	1.9	183.8	128.0284797	33.77
190	128.5866722	33.82	1.921	187	128.1283904	33.71
174.4	130.0717042	33.94	0.955	165.3	135.6387698	33.86
176	129.4717308	34.01	1.35	177.1	129.120645	33.93
171.2	131.5986579	34.11	1.663	164.6	136.2317817	34.03
174.6	129.9908531	34.06	2.402	167.9	133.6531567	33.95
182.5	128.1020341	33.9	2.749	177.7	128.9499403	33.76
160.7	140.0223639	33.9	2.266	159.6	141.2500277	33.83
177.9	128.8962779	34.02	2.41	173.4	130.5013785	33.97
186.3	128.0723698	33.91	2.677	183.6	128.0355004	33.81
177.8	128.9229071	33.77	2.431	173.9	130.2812262	33.68
188.1	128.2552218	33.75	2.146	182.2	128.1283904	33.65
190.3	128.6521114	33.71	1.504	183.4	128.0440822	33.62
156.5	145.1219829	33.71	1.424	157.2	144.1921397	33.62
171.6	131.3833467	33.74	1.599	173.4	130.5013785	33.71
167	134.3026158	33.82	1.884	163.3	137.4017445	33.81
151.1	153.51742	33.83	2.505	145.2	165.6664139	33.78
138.5	184.6202228	33.83	1.942	137.9	186.6616714	33.76
165.7	135.3112579	33.92	1.019	166.1	134.9918873	33.88
168.2	133.4453614	34.05	2.209	167.1	134.2285045	34.03
138.8	183.6236488	33.98	1.698	134.8	188.3560461	33.91
134.5	187.5288517	33.88	2.331	132.3	181.8267455	33.8
132.4	182.0726285	33.85	1.716	128.6	173.5332689	33.78
143	171.1905949	33.82	1.93	139.5	181.3587702	33.73
144.7	166.8688935	33.68	2.139	144.2	168.1018522	33.58
168.2	133.4453614	33.6	1.732	168.2	133.4453614	33.52
190.3	128.6521114	33.69	1.13	180.6	128.328602	33.64
154	148.7274886	33.82	1.674	152.6	150.9537025	33.78
153.4	149.6625543	33.71	1.638	152.2	151.6188155	33.65
147.7	160.0831011	33.71	1.851	145.5	164.9592071	33.66
140	179.7911758	33.69	2.008	139	182.967997	33.64
133.2	184.0842372	33.69	1.646	130.4	177.3788901	33.62
118.1	156.8769637	33.72	2.385	115.6	154.1009172	33.68
135.3	189.7626755	33.67	2.16	133.8	185.6463296	33.62
164	136.7605319	33.74	1.733	162.5	138.1673439	33.71
139.5	181.3587702	33.68	1.987	138.5	184.6202228	33.64
145.5	164.9592071	33.68	1.861	146.9	161.7949854	33.66
160.3	140.4603245	33.71	1.618	154.9	147.3766469	33.68
135	188.9144624	33.74	1.746	133.3	184.3413566	33.71
143.1	170.9259926	33.72	2.41	142.4	172.8067032	33.68
146.2	163.3495837	33.59	2.573	147.7	160.0831011	33.52
137.6	187.7071962	33.42	2.861	138.5	184.6202228	33.36
146	163.8037704	33.33	1.821	148.5	158.4376272	33.29
152.9	150.4634796	33.38	2.225	157.1	144.3229273	33.36
168.6	133.1749726	33.35	2.596	167	134.3026158	33.32
162.3	138.3643054	33.35	2.068	159.8	141.0213439	33.33

2.835	175.5	129.6477719	129.8974931	Yes
2.274	147.8	159.8738411	151.9080351	Yes
2.218	144.6	167.1130196	161.6582636	Yes
2.169	159.3	141.5976893	138.4583829	Yes
2.139	183.4	128.0440822	131.2776125	Yes
2.065	185.8	128.0440822	133.8230954	Yes
1.926	192.5	129.2425815	135.6629268	Yes
1.142	171.3	131.5441627	132.2630954	Yes
1.375	184.5	128.016195	130.0474128	Yes
1.859	171.3	131.5441627	131.8635156	Yes
2.749	175.9	129.506112	130.9479594	Yes
3.08	183.9	128.0255546	130.3139278	Yes
2.446	162.8	137.8760949	136.9209849	Yes
2.775	180.7	128.3131374	130.2895248	Yes
3.09	188.6	128.328602	133.5005472	Yes
2.508	180.1	128.4118509	130.2807691	Yes
2.427	185.1	128.0208746	134.7375576	Yes
1.735	189.2	128.4296876	132.8928951	Yes
1.415	163.2	137.4955162	138.9365052	Yes
1.484	178.4	128.7691755	131.0210538	Yes
2.067	166.6	134.6039881	133.7026603	Yes
3.01	147.4	160.717127	152.9002148	Yes
2.357	142.7	171.9924951	171.5800666	Yes
1.147	165.8	135.2306555	133.5377557	Yes
2.343	170.2	132.1683105	132.1104646	Yes
2.204	138.3	185.293471	175.8270491	Yes
2.74	133.4	184.5997584	177.5688803	Yes
2.062	132.4	182.0726285	172.7756005	Yes
1.986	142.5	172.5339195	167.2116717	Yes
2.489	146.3	163.1241775	157.9579751	Yes
1.77	170	132.2876789	132.1878626	Yes
1.428	190.3	128.6521114	131.2540766	Yes
1.963	155	147.2303008	145.4898501	Yes
1.798	155.9	145.9460296	144.2066593	Yes
2.009	146.9	161.7949854	154.4462916	Yes
2.233	140.3	178.8700569	170.6261813	Yes
1.96	133.5	184.8594495	174.214632	Yes
2.75	121	160.6159553	159.6217053	Yes
2.441	137.1	189.4876488	177.5991218	Yes
2.199	162.7	137.9726212	134.9560762	Yes
2.254	141.6	175.0397923	168.4465208	Yes
2.056	147.9	159.6656133	155.3357089	Yes
1.89	160.7	140.0223639	139.4406789	Yes
2.122	132.7	182.8176355	177.7098216	Yes
2.916	143.9	168.856618	160.8412462	Yes
2.99	148	159.4584123	152.8413543	Yes
3.479	140.2	179.1755005	169.6348589	Yes
2.298	151.4	152.989316	152.1687329	Yes
2.643	160.5	140.2401479	140.589813	Yes
3.033	171	131.7089882	132.2835448	Yes
2.544	165.7	135.3112579	135.4980113	Yes

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9/9/2019	17:37	33.89	1.437
9/9/2019	17:38	33.87	1.103
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9/9/2019	17:40	33.92	1.06
9/9/2019	17:41	33.88	1.427
9/9/2019	17:42	33.84	1.426
9/9/2019	17:43	33.85	0.952
9/9/2019	17:44	33.86	1.265
9/9/2019	17:45	33.77	1.632
9/9/2019	17:46	33.67	1.692
9/9/2019	17:47	33.6	1.528
9/9/2019	17:48	33.57	1.365
9/9/2019	17:49	33.55	1.285
9/9/2019	17:50	33.55	1.204
9/9/2019	17:51	33.58	1.014
9/9/2019	17:52	33.59	0.978
9/9/2019	17:53	33.64	0.9
9/9/2019	17:54	33.65	0.986
9/9/2019	17:55	33.6	1.35
9/9/2019	17:56	33.53	1.048
9/9/2019	17:57	33.47	0.93
9/9/2019	17:58	33.44	1.107
9/9/2019	17:59	33.38	1.641
9/9/2019	18:00	33.34	1.164
9/9/2019	18:01	33.35	0.804
9/9/2019	18:02	33.37	0.767
9/9/2019	18:03	33.4	0.948
9/9/2019	18:04	33.39	0.962
9/9/2019	18:05	33.36	1.031
9/9/2019	18:06	33.31	0.881
9/9/2019	18:07	33.29	0.926
9/9/2019	18:08	33.24	0.896
9/9/2019	18:09	33.21	1.061
9/9/2019	18:10	33.17	1.151
9/9/2019	18:11	33.14	1.216
9/9/2019	18:12	33.1	1.046
9/9/2019	18:13	33.07	1.093
9/9/2019	18:14	33.03	1.04
9/9/2019	18:15	33	0.908
9/9/2019	18:16	32.98	0.843
9/9/2019	18:17	32.95	0.835
9/9/2019	18:18	32.9	0.838
9/9/2019	18:19	32.84	0.934
9/9/2019	18:20	32.81	0.73
9/9/2019	18:21	32.81	0.802
9/9/2019	18:22	32.79	0.723
9/9/2019	18:23	32.79	0.498
9/9/2019	18:24	32.78	0.578
9/9/2019	18:25	32.74	0.884
9/9/2019	18:26	32.71	0.627

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180.6	128.328602	33.89	1.156
175.1	129.7960751	33.89	1.32
171.9	131.2265166	33.85	1.84
192.3	129.1807975	33.8	1.67
178	128.870052	33.79	0.981
179.3	128.565657	33.83	1.613
184.1	128.0208746	33.73	1.72
177.9	128.8962779	33.62	2.04
175.2	129.7583745	33.56	1.698
164.2	136.5821614	33.54	1.571
166.5	134.6805694	33.52	1.393
181	128.2691098	33.53	1.419
169	132.9121422	33.57	1.238
190.2	128.6298991	33.58	1.239
178	128.870052	33.62	1.018
188.1	128.2552218	33.63	1.098
200.3	132.977145	33.58	1.639
191.2	128.870052	33.51	1.692
191.9	129.0621204	33.44	1.285
194.9	130.1127622	33.41	1.572
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172	131.1751217	33.31	1.468
183	128.065931	33.33	1.072
175.2	129.7583745	33.36	1.057
169.2	132.7835393	33.38	0.962
182.3	128.1192135	33.38	1.234
183.5	128.0395961	33.35	1.216
186.6	128.0940314	33.29	1.077
180.6	128.328602	33.27	1.223
183.9	128.0255546	33.22	1.101
166.8	134.4523139	33.2	1.338
166.8	134.4523139	33.17	1.277
163.7	137.032099	33.13	1.489
164.7	136.145503	33.09	1.415
173.2	130.5924354	33.06	1.326
169.5	132.5941263	33.01	1.289
186.3	128.0723698	32.97	1.155
180.7	128.3131374	32.95	1.223
175	129.8341932	32.93	1.09
193.8	129.6842235	32.88	1.235
183.6	128.0355004	32.82	1.249
175.9	129.506112	32.79	1.01
171	131.7089882	32.79	0.882
171.4	131.490113	32.78	0.863
174.9	129.8727295	32.78	0.679
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179.9	128.4479207	32.74	1.021
167.7	133.7940871	32.7	0.788

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163.7	137.032099	33.45	1.696
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160	140.7951122	33.46	1.305
150.1	155.335435	33.47	1.416
144.9	166.3842917	33.45	1.835
172	131.1751217	33.39	1.59
156.2	145.5308449	33.39	1.08
152.2	151.6188155	33.41	1.792
162.4	138.2655439	33.31	1.914
157.2	144.1921397	33.22	1.97
154.5	147.9694733	33.18	1.5
145	166.1438025	33.17	1.689
143.4	170.1401693	33.16	1.455
152.6	150.9537025	33.17	1.389
148.2	159.0470698	33.21	1.405
167.1	134.2285045	33.22	1.31
156.5	145.1219829	33.25	1.307
165.6	135.3923691	33.25	1.402
171.3	131.5441627	33.21	1.604
166	135.0709716	33.15	1.697
173	130.6852129	33.09	1.384
172.1	131.1241663	33.05	1.535
152.7	150.7894808	33.01	1.967
148.6	158.2364782	32.99	1.528
152.2	151.6188155	33.01	1.236
155.2	146.9398193	33.03	1.418
148.5	158.4376272	33.04	1.174
159.2	141.7148217	33.02	1.362
163.4	137.3085186	33	1.287
165.7	135.3112579	32.95	1.297
158.7	142.3099249	32.93	1.323
163.5	137.2158368	32.9	1.354
142.3	173.0808789	32.89	1.475
144.4	167.6049563	32.87	1.487
139.9	180.1014276	32.85	1.624
137	189.8495428	32.84	1.583
147.7	160.0831011	32.81	1.471
148.1	159.2522329	32.78	1.387
163.2	137.4955162	32.73	1.283
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158.9	142.0699862	32.48	0.767
152	151.9563603	32.45	1.105
145.9	164.0325631	32.42	0.944

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151.7	152.4689987	33.31	2.102	155	147.2303008	33.3
146.1	163.5761126	33.29	1.671	149.9	155.7099409	33.28
154.4	148.1195561	33.3	1.629	156.8	144.7193684	33.3
141.5	175.3254093	33.32	1.707	145	166.1438025	33.32
136.7	190.9470722	33.3	2.345	136.7	190.9470722	33.3
163.7	137.032099	33.26	2.186	166.5	134.6805694	33.26
150.7	154.2338617	33.24	1.296	155.8	146.0858429	33.25
143.9	168.856618	33.26	2.037	146.9	161.7949854	33.29
153.2	149.9805289	33.17	2.313	156.4	145.2575724	33.16
146.3	163.1241775	33.09	2.661	150.5	154.5974305	33.09
144.6	167.1130196	33.06	2.085	150.1	155.335435	33.08
134	186.1774937	33.05	2.142	138.2	185.6327901	33.07
132.9	183.3205043	33.06	1.823	137.3	188.7697038	33.08
141.3	175.9010607	33.06	1.815	144.9	166.3842917	33.09
137.4	188.4136263	33.09	1.741	145	166.1438025	33.13
160.8	139.914364	33.1	1.734	163.6	137.1236975	33.14
146.5	162.6767095	33.14	1.441	152.7	150.7894808	33.19
155.5	146.5095784	33.14	1.521	159.5	141.3652945	33.2
159	141.9509679	33.11	2.265	164.2	136.5821614	33.17
155.8	146.0858429	33.05	2.216	159.9	140.9079226	33.11
163.8	136.9410396	32.99	1.769	164.3	136.4937737	33.06
158.4	142.6746234	32.97	2.039	164.3	136.4937737	33.04
142.8	171.7238383	32.93	2.561	146.5	162.6767095	33.01
138.6	184.28627	32.92	2.038	141.2	176.1911131	32.99
145.1	165.9045121	32.93	1.466	150.6	154.4151969	33
144.6	167.1130196	32.95	1.404	150	155.5222256	33.03
141.4	175.6124958	32.95	1.405	144.6	167.1130196	33.03
149	157.4417417	32.93	1.805	155	147.2303008	33.02
154.6	147.8201441	32.9	1.558	156.2	145.5308449	32.99
160.3	140.4603245	32.86	1.458	161.8	138.8665983	32.95
147.4	160.717127	32.85	1.615	153.1	150.1407104	32.94
153.2	149.9805289	32.82	1.489	155.8	146.0858429	32.91
132.8	183.0684457	32.81	1.815	136	191.7923969	32.91
137.2	189.1277069	32.8	1.741	140.5	178.2639076	32.89
130.6	177.8276612	32.78	2.029	134	186.1774937	32.87
129.7	175.8426324	32.79	1.882	132.9	183.3205043	32.88
136.6	191.31691	32.78	1.749	137.4	188.4136263	32.86
141.5	175.3254093	32.75	1.787	144.5	167.3583715	32.83
152.7	150.7894808	32.7	1.504	154.6	147.8201441	32.79
143.6	169.6228634	32.67	1.609	149.3	156.8559046	32.77
152.6	150.9537025	32.64	1.45	149.8	155.8985853	32.74
158.6	142.43085	32.59	1.536	159.4	141.481181	32.7
160.9	139.8069561	32.55	1.738	159.2	141.7148217	32.66
151.3	153.1644801	32.51	1.348	151.8	152.2972712	32.63
140.2	179.1755005	32.49	1.199	141	176.7757169	32.62
141.3	175.9010607	32.47	1.201	142.6	172.2625195	32.61
142.1	173.6334397	32.47	0.929	141.9	174.1916691	32.61
153.7	149.1915112	32.43	0.947	151.9	152.1263931	32.57
143.5	169.8808638	32.41	1.383	145.4	165.1937679	32.56
139.8	180.4133026	32.38	1.089	136.6	191.31691	32.51

2.764	158.1	143.0451277	141.2245534	Yes
2.39	159.2	141.7148217	141.294355	Yes
2.074	151.6	152.6415793	150.4050801	Yes
1.858	161.3	139.3832047	140.2691687	Yes
1.994	148.2	159.0470698	157.1295583	Yes
2.581	140.4	178.5661959	171.6142297	Yes
2.395	171.6	131.3833467	132.6903868	Yes
1.537	159.1	141.8325805	143.3106364	Yes
2.535	149.5	156.470139	153.461243	Yes
2.845	159	141.9509679	140.6950975	Yes
2.762	153.9	148.8813884	147.9382828	Yes
2.247	152.9	150.4634796	150.1279564	Yes
2.638	140	179.7911758	170.8654847	Yes
2.038	142.6	172.2625195	169.8346933	Yes
2.148	145.5	164.9592071	157.2934744	Yes
2.104	147.6	160.2933984	161.3620078	Yes
2.014	168.7	133.1085592	134.6010048	Yes
1.732	152.1	151.7871691	147.8490789	Yes
1.866	161.9	138.7650022	138.0574932	Yes
2.408	165.2	135.7219305	135.7552735	Yes
2.581	163	137.6847037	137.7238986	Yes
2.061	169.6	132.5319155	133.1428124	Yes
2.249	166.3	134.8352272	135.0481106	Yes
2.7	149.2	157.0502204	154.3997247	Yes
2.304	144.6	167.1130196	163.4004005	Yes
1.748	154	148.7274886	149.7463888	Yes
1.922	150.4	154.7805667	150.8228011	Yes
1.688	145.6	164.7258126	159.7344989	Yes
2.191	156.7	144.8528837	143.8717923	Yes
1.806	160.4	140.3499361	139.809808	Yes
1.805	166.4	134.7576487	135.4979722	Yes
1.96	154.7	147.6715655	145.833586	Yes
1.94	160.5	140.2401479	140.3095822	Yes
2.033	138.9	183.2949574	173.1377986	Yes
1.949	142.4	172.8067032	168.4511176	Yes
2.334	136.4	192.0626612	174.6402685	Yes
2.13	136.2	192.385621	175.5087607	Yes
2.101	139.8	180.4133026	170.1638751	Yes
1.922	147.9	159.6656133	158.8391507	Yes
1.766	160.6	140.1309578	140.8616937	Yes
1.805	150.6	154.4151969	150.9475894	Yes
1.721	157.3	144.0620273	144.9104652	Yes
2.086	161.6	139.0715101	137.0031627	Yes
1.921	165.8	135.2306555	136.3640066	Yes
1.471	156	145.8069274	144.9933861	Yes
1.327	144.8	166.6259865	164.679388	Yes
1.368	147	161.577273	159.0929656	Yes
1.275	144.9	166.3842917	159.7359121	Yes
0.967	155.3	146.7956779	143.7155957	Yes
1.511	149.5	156.470139	154.3898103	Yes
1.258	139.5	181.3587702	170.1831266	Yes

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9/9/2019	18:31	32.46	0.498
9/9/2019	18:32	32.44	0.622
9/9/2019	18:33	32.37	0.585
9/9/2019	18:34	32.31	0.673
9/9/2019	18:35	32.2	0.62
9/9/2019	18:36	32.12	0.433
9/9/2019	18:37	32.04	0.522
9/9/2019	18:38	31.94	0.808
9/9/2019	18:39	31.86	0.616
9/9/2019	18:40	31.78	0.852
9/9/2019	18:41	31.71	0.819
9/9/2019	18:42	31.65	0.694
9/9/2019	18:43	31.54	0.844
9/9/2019	18:44	31.42	0.746
9/9/2019	18:45	31.31	0.656
9/9/2019	18:46	31.22	0.636
9/9/2019	18:47	31.14	0.684
9/9/2019	18:48	31.08	0.718
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9/9/2019	18:50	30.97	0.656
9/9/2019	18:51	30.89	0.73
9/9/2019	18:52	30.82	0.742
9/9/2019	18:53	30.75	0.714
9/9/2019	18:54	30.66	0.766
9/9/2019	18:55	30.58	0.591
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9/9/2019	18:57	30.37	0.604
9/9/2019	18:58	30.24	0.609
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9/9/2019	19:00	29.96	0.553
9/9/2019	19:01	29.82	0.448
9/9/2019	19:02	29.7	0.518
9/9/2019	19:03	29.6	0.506
9/9/2019	19:04	29.5	0.447
9/9/2019	19:05	29.4	0.422
9/9/2019	19:06	29.3	0.397
9/9/2019	19:07	29.2	0.578
9/9/2019	19:08	29.11	0.427
9/9/2019	19:09	29	0.419
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9/9/2019	19:11	28.8	0.446
9/9/2019	19:12	28.71	0.43
9/9/2019	19:13	28.63	0.5
9/9/2019	19:14	28.63	0.546
9/9/2019	19:15	28.6	0.548
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9/9/2019	19:17	28.53	0.601

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171.9	131.2265166	32.62	0.646
159.8	141.0213439	32.56	0.856
159.9	140.9079226	32.5	0.747
156.7	144.8528837	32.46	0.579
151.4	152.989316	32.45	0.604
150.1	155.335435	32.38	0.646
138.9	183.2949574	32.31	0.725
117.7	156.4059988	32.2	0.687
115.6	154.1009172	32.09	0.439
127.1	170.5798662	31.98	0.58
121.6	161.4641376	31.88	0.928
104.2	145.9089029	31.8	0.675
124	165.1323684	31.73	1.067
123.4	164.1726616	31.67	0.882
125.3	167.3143222	31.61	0.748
126.5	169.4586546	31.53	0.896
123.5	164.3305874	31.46	0.746
126.6	169.6432085	31.38	0.736
138.3	185.293471	31.31	0.794
129.8	176.0588609	31.21	0.763
130.9	178.509184	31.11	0.79
136	191.7923969	31.04	0.665
128.6	173.5332689	30.96	0.732
134.8	188.3560461	30.87	0.796
136.3	192.4386028	30.82	0.772
128.5	173.3294827	30.75	0.693
137	189.8495428	30.66	0.803
128.5	173.3294827	30.59	0.66
132.2	181.5820782	30.48	0.595
129.9	176.2761595	30.37	0.667
122.4	162.6370044	30.25	0.662
130	176.4945334	30.11	0.592
128.6	173.5332689	29.98	0.564
140.3	178.8700569	29.85	0.567
129.3	174.9883145	29.74	0.64
131.8	180.615438	29.64	0.615
130.6	177.8276612	29.55	0.575
128.6	173.5332689	29.45	0.553
135.2	189.4785153	29.34	0.581
129.7	175.8426324	29.25	0.705
126.6	169.6432085	29.17	0.615
130.9	178.509184	29.06	0.594
132.7	182.8176355	28.95	0.611
130.9	178.509184	28.87	0.612
121.9	161.8982783	28.79	0.616
128.2	172.724134	28.72	0.757
128.2	172.724134	28.73	0.716
124.2	165.4588142	28.71	0.662
132.8	183.0684457	28.67	0.689
126	168.5495467	28.64	0.748

142.3	173.0808789	32.39	0.815
150.8	154.0534207	32.35	0.783
141.8	174.472931	32.29	1.066
141.1	176.4826621	32.26	0.951
140.5	178.2639076	32.22	0.691
137	189.8495428	32.21	0.753
134.4	187.2558705	32.14	0.966
120.4	159.7940691	32.09	0.841
100.1	144.530992	32	0.796
94.3	143.8675721	31.91	0.538
102.7	145.3153153	31.81	0.722
94.9	143.8675721	31.73	1.05
82.5	147.1344513	31.67	1.02
104.7	146.1301527	31.62	1.211
102.7	145.3153153	31.58	1.044
103.6	145.6589028	31.51	0.842
104.4	145.9959883	31.44	1.035
106.2	146.8652868	31.36	0.785
103.4	145.579304	31.29	0.79
114.4	152.9052402	31.23	0.911
108.1	147.9535689	31.14	0.852
105.2	146.3632375	31.06	0.833
118	156.7582401	30.99	0.817
114.1	152.6196347	30.91	0.794
106.7	147.1344513	30.82	0.829
111.3	150.2006904	30.76	0.904
111.4	150.2796092	30.69	0.763
111.2	150.1223115	30.61	0.803
111.3	150.2006904	30.53	0.687
113.8	152.3392627	30.42	0.658
112.1	150.8472717	30.33	0.741
103.2	145.5015641	30.23	0.678
107	147.3018158	30.12	0.591
107.6	147.6498563	30.01	0.611
107.8	147.7698413	29.9	0.593
101.1	144.796372	29.82	0.635
107.9	147.8305829	29.73	0.619
106.8	147.1897488	29.64	0.554
103.9	145.7817973	29.56	0.538
105.6	146.5582885	29.48	0.631
106.3	146.9181461	29.41	0.696
104.1	145.8660653	29.33	0.646
103.5	145.6188708	29.22	0.625
104.1	145.8660653	29.13	0.685
105.1	146.3156694	29.05	0.617
100.2	144.5555056	28.99	0.693
104.9	146.2219614	28.93	0.785
103.5	145.6188708	28.95	0.764
101.2	144.8253918	28.93	0.7
106.9	147.2455367	28.88	0.745
102.3	145.1746105	28.86	0.763

139.3	181.9973899	32.35	0.878	134.5	187.5288517	32.48
144.1	168.3521774	32.31	0.941	141.7	174.7556358	32.44
136.1	192.0882584	32.27	1.174	134.9	188.6345537	32.41
132.6	182.5680669	32.24	1.049	131.9	180.8553063	32.39
137.3	188.7697038	32.21	0.799	131.2	179.2008824	32.35
128.7	173.7380647	32.18	0.919	122.1	162.1914802	32.32
127.5	171.3461128	32.14	0.949	121.3	161.0367221	32.29
114.4	152.9052402	32.1	1.005	110.7	149.7384694	32.26
96.5	143.9447385	32.03	0.996	93.5	143.8921176	32.2
89.4	144.4601404	31.94	0.757	85.3	145.7817973	32.11
99	144.2908609	31.84	0.945	92.5	143.962286	32
92.7	143.9447385	31.77	1.379	87.3	145.0412401	31.93
79.91	148.7271904	31.73	1.179	79.66	148.8989301	31.88
100	144.5069269	31.69	1.603	95.2	143.8734887	31.84
98.3	144.1660972	31.66	1.301	92.7	143.9447385	31.8
99.1	144.310461	31.58	1.188	93.8	143.8796248	31.71
100.2	144.5555056	31.51	1.328	94.9	143.8675721	31.64
102.2	145.1405816	31.43	1.147	95	143.869106	31.55
98	144.1192747	31.37	1.149	93.3	143.9026392	31.48
107.2	147.415851	31.31	1.138	100.6	144.6580519	31.44
102.3	145.1746105	31.24	1.169	99.3	144.3509966	31.35
100.2	144.5555056	31.17	1.112	94.1	143.8710782	31.29
110.8	149.8141685	31.11	1.008	103.9	145.7817973	31.21
104.2	145.9089029	31.03	1.117	100.1	144.530992	31.12
100.8	144.7120259	30.95	1.127	95.4	143.8796248	31.04
101.1	144.796372	30.9	1.245	94.7	143.8658191	31
105.8	146.658692	30.84	0.998	100	144.5069269	30.95
104.9	146.2219614	30.77	1.171	100.9	144.7396894	30.88
104.9	146.2219614	30.69	0.998	101.9	145.0412401	30.8
109.7	149.010542	30.59	0.986	104.6	146.0849588	30.71
106	146.7610226	30.51	1.043	101.2	144.8253918	30.65
101.4	144.8847909	30.4	1.044	99.5	144.3933148	30.56
101.5	144.915171	30.3	0.944	98	144.1192747	30.48
102.2	145.1405816	30.19	0.954	98.4	144.18259	30.38
102.3	145.1746105	30.1	0.955	98.3	144.1660972	30.3
98.2	144.1500472	30.03	1.036	94.9	143.8675721	30.24
99.6	144.4151432	29.95	0.987	96.6	143.9532925	30.18
100.9	144.7396894	29.87	0.906	96.3	143.9289489	30.12
100.2	144.5555056	29.82	0.896	97.2	144.0138522	30.07
100.4	144.6058796	29.76	0.991	97.2	144.0138522	30.06
100.9	144.7396894	29.72	1.043	98.3	144.1660972	30.01
100.7	144.6848135	29.64	0.951	97	143.9919054	29.95
99.6	144.4151432	29.52	0.951	95.4	143.8796248	29.86
98.7	144.234728	29.43	1.014	94.7	143.8658191	29.78
100.9	144.7396894	29.37	0.929	98.6	144.2169051	29.72
95.5	143.8833505	29.31	1.06	92.2	143.9919054	29.66
99.4	144.3719327	29.26	1.141	95.2	143.8734887	29.64
98.9	144.2717056	29.27	1.056	96.5	143.9447385	29.62
99.6	144.4151432	29.23	1.002	96.7	143.962286	29.55
101.8	145.0090396	29.18	1.025	99.6	144.4151432	29.48
98.1	144.1344398	29.16	1.067	94.7	143.8658191	29.46

0.98	139.2	182.3192244	171.6606793	Yes
0.984	146.4	162.8998881	158.2575277	Yes
1.423	136.5	191.6887683	177.5811711	Yes
1.226	136.4	192.0626612	174.5753238	Yes
0.921	135.4	190.048269	176.2271293	Yes
1.131	129	174.3585583	170.6253924	Yes
1.257	126.3	169.0922914	168.8132863	Yes
1.146	117.8	156.5227599	160.4510992	Yes
1.123	98.6	144.2169051	146.5981504	Yes
0.849	92	144.0138522	146.4448558	Yes
1.074	99.1	144.310461	149.6917579	Yes
1.574	93.3	143.9026392	147.6440655	Yes
1.468	89.3	144.4833098	147.0305569	Yes
1.88	103.3	145.540202	149.0366277	Yes
1.485	100.7	144.6848135	148.4567252	Yes
1.315	101.9	145.0412401	149.2409102	Yes
1.449	101.2	144.8253918	149.7406225	Yes
1.239	101.5	144.915171	149.0241466	Yes
1.231	101.1	144.796372	149.6081597	Yes
1.328	108.8	148.3999072	155.7345043	Yes
1.383	106.3	146.9181461	152.0912366	Yes
1.186	99.9	144.4833098	151.556463	Yes
1.126	109.4	148.802358	158.5897922	Yes
1.187	108.7	148.3346233	152.9854843	Yes
1.207	100.9	144.7396894	153.7643675	Yes
1.401	102.7	145.3153153	155.3233599	Yes
1.124	109	148.5320061	152.6613434	Yes
1.282	110.6	149.6633025	156.1193615	Yes
1.076	109.2	148.6661534	152.6919056	Yes
1.098	112.2	150.9305587	155.9894801	Yes
1.146	109.8	149.0809751	153.5581641	Yes
1.169	108.1	147.9535689	149.0740486	Yes
1.005	106.9	147.2455367	152.0152663	Yes
1.052	107.4	147.531862	151.6076318	Yes
1.036	107.9	147.8305829	152.7622377	Yes
1.074	105.2	146.3632375	150.8331087	Yes
1.058	105.1	146.3156694	152.6260252	Yes
1.027	103.1	145.4633897	151.8298876	Yes
1.014	105.8	146.658692	150.9086232	Yes
1.091	103.2	145.5015641	154.03162	Yes
1.16	105.2	146.3632375	151.6059605	Yes
1.084	104.6	146.0849588	150.0541903	Yes
1.069	103.6	145.6589028	151.6163451	Yes
1.231	102.8	145.3516416	152.4271779	Yes
1.117	105.7	146.6082498	152.0779395	Yes
1.133	100.4	144.6058796	147.7869839	Yes
1.347	103.1	145.4633897	150.5309813	Yes
1.16	105.2	146.3632375	150.5845373	Yes
1.145	104.4	145.9959883	148.9315247	Yes
1.185	106.3	146.9181461	153.3312623	Yes
1.193	100.2	144.5555056	149.2559843	Yes

5.009
4.115
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3.623

9/9/2019	19:18	28.52	0.704
9/9/2019	19:19	28.53	0.7
9/9/2019	19:20	28.51	0.695
9/9/2019	19:21	28.6	0.654
9/9/2019	19:22	28.58	0.812
9/9/2019	19:23	28.62	0.766
9/9/2019	19:24	28.67	1.048
9/9/2019	19:25	28.69	0.786
9/9/2019	19:26	28.64	0.754
9/9/2019	19:27	28.61	0.704
9/9/2019	19:28	28.56	0.576
9/9/2019	19:29	28.5	0.606
9/9/2019	19:30	28.41	0.597
9/9/2019	19:31	28.34	0.599
9/9/2019	19:32	28.25	0.542
9/9/2019	19:33	28.18	0.595
9/9/2019	19:34	28.12	0.592
9/9/2019	19:35	28.08	0.602
9/9/2019	19:36	28.06	0.695
9/9/2019	19:37	28.02	0.76
9/9/2019	19:38	28	0.613
9/9/2019	19:39	27.99	0.543
9/9/2019	19:40	27.95	0.549
9/9/2019	19:41	27.89	0.44
9/9/2019	19:42	27.84	0.493
9/9/2019	19:43	27.78	0.478
9/9/2019	19:44	27.72	0.416
9/9/2019	19:45	27.66	0.399
9/9/2019	19:46	27.58	0.397
9/9/2019	19:47	27.49	0.361
9/9/2019	19:48	27.42	0.451
9/9/2019	19:49	27.39	0.512
9/9/2019	19:50	27.38	0.448
9/9/2019	19:51	27.37	0.459
9/9/2019	19:52	27.34	0.497
9/9/2019	19:53	27.32	0.5
9/9/2019	19:54	27.3	0.523
9/9/2019	19:55	27.29	0.518
9/9/2019	19:56	27.27	0.558
9/9/2019	19:57	27.29	0.648
9/9/2019	19:58	27.36	0.939
9/9/2019	19:59	27.49	0.684
9/9/2019	20:00	27.59	0.843
9/9/2019	20:01	27.69	0.644
9/9/2019	20:02	27.75	0.934
9/9/2019	20:03	27.74	0.639
9/9/2019	20:04	27.74	0.739
9/9/2019	20:05	27.78	0.946
9/9/2019	20:06	27.76	0.665
9/9/2019	20:07	27.67	0.65
9/9/2019	20:08	27.6	0.619

116.8	155.3841351	28.63	0.84
137.9	186.6616714	28.67	0.791
130.1	176.7139881	28.64	0.939
131.4	179.6677453	28.72	0.842
132.8	183.0684457	28.71	0.969
135.8	191.2051427	28.74	0.965
140.7	177.6640101	28.78	1.134
134.9	188.6345537	28.8	0.903
133.8	185.6463296	28.74	0.852
135.4	190.048269	28.7	0.921
137.4	188.4136263	28.65	0.808
137.1	189.4876488	28.59	0.802
129	174.3585583	28.5	0.774
131.4	179.6677453	28.43	0.753
134.3	186.9842516	28.34	0.737
129.3	174.9883145	28.27	0.802
130.3	177.156161	28.22	0.85
133.3	184.3413566	28.17	0.848
137.6	187.7071962	28.15	0.856
130.1	176.7139881	28.12	0.907
130.9	178.509184	28.11	0.838
132.5	182.3197334	28.11	0.759
132.3	181.8267455	28.06	0.754
136.5	191.6887683	28.01	0.638
136.1	192.0882584	27.94	0.694
135.5	190.3353042	27.88	0.647
137.4	188.4136263	27.82	0.59
138	186.3168781	27.76	0.534
137.7	187.3568179	27.67	0.545
136.8	190.5792409	27.59	0.574
136.9	190.2134023	27.53	0.676
137.8	187.0083138	27.51	0.696
129.2	174.7773583	27.5	0.651
132.8	183.0684457	27.49	0.656
133.2	184.0842372	27.47	0.688
134.8	188.3560461	27.44	0.764
137.8	187.0083138	27.42	0.647
130.5	177.6027217	27.41	0.686
125.5	167.6628412	27.39	0.718
126.3	169.0922914	27.42	0.883
129.3	174.9883145	27.49	1.109
131.8	180.615438	27.64	0.979
131.2	179.2008824	27.73	1.126
134.4	187.2558705	27.83	0.907
137	189.8495428	27.88	1.032
138.8	183.6236488	27.86	0.896
135.7	190.9137326	27.85	0.984
140.2	179.1755005	27.88	1.145
142.8	171.7238383	27.86	0.809
145.8	164.2624968	27.76	0.896
137.5	188.0594614	27.68	0.82

93.7	143.8833505	28.84	0.907
114.6	153.0985737	28.86	0.89
107.3	147.4736091	28.84	0.997
106.4	146.9714914	28.91	0.899
108.8	148.3999072	28.89	0.96
111.3	150.2006904	28.92	1.042
110.6	149.6633025	28.95	1.218
110.6	149.6633025	28.95	1.032
110.4	149.5145601	28.89	0.955
108.4	148.1418203	28.86	0.957
110.5	149.5886665	28.8	0.919
112	150.7645356	28.75	0.992
108.5	148.2055809	28.66	0.93
105.3	146.4112828	28.57	0.865
108.7	148.3346233	28.49	0.894
108.4	148.1418203	28.43	0.922
108.7	148.3346233	28.37	0.875
108.2	148.0158154	28.34	0.951
108.1	147.9535689	28.32	0.896
107.1	147.3585869	28.3	0.903
107.4	147.531862	28.3	0.921
109.4	148.802358	28.3	0.829
109.1	148.5988232	28.25	0.85
110.6	149.6633025	28.19	0.774
114.8	153.294267	28.13	0.896
108.9	148.4657012	28.06	0.785
112.9	151.5291125	28.01	0.719
114.4	152.9052402	27.93	0.732
110.5	149.5886665	27.86	0.725
112	150.7645356	27.78	0.692
114.5	153.0016129	27.74	0.851
115.4	153.8956445	27.71	0.893
107.3	147.4736091	27.71	0.843
108.7	148.3346233	27.7	0.82
107.8	147.7698413	27.68	0.827
112.4	151.0987909	27.66	0.946
110.8	149.8141685	27.63	0.819
109.1	148.5988232	27.63	0.805
105.9	146.709616	27.59	0.848
103.4	145.579304	27.63	0.968
104.1	145.8660653	27.71	1.123
103.1	145.4633897	27.86	0.989
107.2	147.415851	27.94	1.215
109.6	148.9406289	28.01	0.995
108.9	148.4657012	28.05	1.139
113	151.6168585	28.02	1.06
111.6	150.439072	28.01	1.062
113.8	152.3392627	28.06	1.221
120.3	159.6596036	28.01	1.037
118	156.7582401	27.89	1.045
114.9	153.3930028	27.81	1.067

92.5	143.962286	29.15	1.195	88.2	144.7678047	29.47
109	148.5320061	29.17	1.08	105.5	146.5088075	29.49
101.3	144.8548646	29.12	1.252	96.9	143.9815923	29.43
101.6	144.9460055	29.19	1.249	99.7	144.4374183	29.46
104.7	146.1301527	29.13	1.301	101.2	144.8253918	29.4
104.4	145.9959883	29.15	1.371	102.4	145.2090977	29.4
104	145.823697	29.17	1.553	103.9	145.7817973	29.41
104.7	146.1301527	29.16	1.215	102.2	145.1405816	29.36
104.9	146.2219614	29.09	1.214	102	145.0738969	29.29
102.1	145.1070106	29.05	1.236	99.2	144.3305061	29.26
105.1	146.3156694	29.01	1.155	103.2	145.5015641	29.21
107.9	147.8305829	28.97	1.116	102.9	145.3884291	29.17
105.7	146.6082498	28.87	1.113	103.8	145.7403654	29.09
103.5	145.6188708	28.8	1.096	101.1	144.796372	29.01
106.2	146.8652868	28.72	1.073	100.5	144.6317408	28.94
105.6	146.5582885	28.66	1.155	100.9	144.7396894	28.92
104.6	146.0849588	28.61	1.097	100.1	144.530992	28.88
104.6	146.0849588	28.58	1.18	101	144.7678047	28.85
106.5	147.0253234	28.56	1.133	101.8	145.0090396	28.82
105.4	146.4598058	28.54	1.223	100.5	144.6317408	28.8
103.5	145.6188708	28.57	1.172	99.9	144.4833098	28.84
108	147.8918251	28.56	1.055	103.4	145.579304	28.84
107.1	147.3585869	28.5	1.098	102.5	145.2440439	28.78
109.9	149.1519294	28.44	0.915	103.1	145.4633897	28.71
111.3	150.2006904	28.37	1.004	105.7	146.6082498	28.66
106.5	147.0253234	28.32	0.931	100.4	144.6058796	28.61
111.6	150.439072	28.28	0.915	103.8	145.7403654	28.58
114.1	152.6196347	28.2	0.814	105.6	146.5582885	28.52
108.7	148.3346233	28.14	0.894	102.5	145.2440439	28.49
110.9	149.8904009	28.07	0.905	102.1	145.1070106	28.44
113.7	152.2469608	28.03	0.976	107.8	147.7698413	28.4
114.2	152.7142528	28	1.064	107.5	147.5906108	28.37
108.4	148.1418203	27.99	1.034	101.6	144.9460055	28.35
108.7	148.3346233	27.99	0.951	99.7	144.4374183	28.34
108.9	148.4657012	27.96	1.007	101.6	144.9460055	28.29
112.1	150.8472717	27.94	1.119	103.4	145.579304	28.27
108	147.8918251	27.91	0.993	99	144.2908609	28.23
108.4	148.1418203	27.91	1.043	99.7	144.4374183	28.24
105.5	146.5088075	27.88	1.045	98.2	144.1500472	28.21
101.6	144.9460055	27.91	1.222	94.2	143.869106	28.23
101.6	144.9460055	27.99	1.416	95.3	143.8763375	28.29
101.1	144.796372	28.15	1.329	93.9	143.8763375	28.42
104.5	146.0402375	28.2	1.437	98.6	144.2169051	28.46
108.2	148.0158154	28.25	1.093	100.7	144.6848135	28.48
107.1	147.3585869	28.26	1.353	100.7	144.6848135	28.49
110.7	149.7384694	28.22	1.293	104.5	146.0402375	28.44
107.9	147.8305829	28.23	1.283	101.5	144.915171	28.45
110.9	149.8904009	28.28	1.536	104.8	146.17582	28.49
121.4	161.1784514	28.22	1.044	112.2	150.9305587	28.41
119	157.9753829	28.09	1.165	111.4	150.2796092	28.28
114	152.5255981	28.01	1.222	107	147.3018158	28.22

1.421	95.9	143.9026392	146.3800431	Yes
1.302	108.6	148.2698482	156.6141814	Yes
1.373	106.2	146.8652868	151.9778682	Yes
1.407	106.4	146.9714914	152.5988304	Yes
1.465	109.3	148.733998	154.2315791	Yes
1.555	108.7	148.3346233	156.1891085	Yes
1.716	110.3	149.4409821	153.6747578	Yes
1.375	109.4	148.802358	155.6741897	Yes
1.396	108.6	148.2698482	154.9453192	Yes
1.342	107	147.3018158	154.9858844	Yes
1.348	109.9	149.1519294	155.7942912	Yes
1.376	109.4	148.802358	156.4547109	Yes
1.361	110.8	149.8141685	152.9453846	Yes
1.319	107.1	147.3585869	152.7705715	Yes
1.298	109	148.5320061	155.0695817	Yes
1.411	108.6	148.2698482	152.5395922	Yes
1.327	107	147.3018158	152.6817102	Yes
1.389	108.1	147.9535689	154.2327009	Yes
1.289	106.5	147.0253234	154.9440903	Yes
1.391	106.9	147.2455367	152.4819317	Yes
1.414	107.1	147.3585869	152.7003627	Yes
1.272	110.3	149.4409821	154.8068405	Yes
1.294	108.6	148.2698482	154.2596095	Yes
1.165	108.9	148.4657012	156.8866182	Yes
1.259	110.8	149.8141685	158.4011268	Yes
1.221	106.8	147.1897488	155.5243914	Yes
1.13	110.6	149.6633025	157.1570957	Yes
1.083	110.5	149.5886665	157.5977416	Yes
1.202	109	148.5320061	155.8112315	Yes
1.151	110.4	149.5145601	157.1711496	Yes
1.234	112.1	150.8472717	158.8158178	Yes
1.296	113.2	151.7940443	158.6005732	Yes
1.266	108.7	148.3346233	152.7346833	Yes
1.209	107	147.3018158	154.2953853	Yes
1.188	108.1	147.9535689	154.6438708	Yes
1.39	111	149.967168	157.1697162	Yes
1.158	106.2	146.8652868	155.174091	Yes
1.25	106.3	146.9181461	153.1397859	Yes
1.303	106.2	146.8652868	150.3793197	Yes
1.374	101.5	144.915171	149.6803756	Yes
1.613	103.7	145.6994008	151.0752247	Yes
1.51	101.2	144.8253918	151.9153858	Yes
1.569	105.4	146.4598058	152.6667364	Yes
1.343	108.1	147.9535689	155.3701394	Yes
1.526	107	147.3018158	155.532092	Yes
1.529	110	149.2234061	156.0485241	Yes
1.469	105.8	146.658692	156.1514501	Yes
1.664	111.8	150.6007104	155.6363389	Yes
1.302	118	156.7582401	160.0501384	Yes
1.339	117	155.6067462	156.9764951	Yes
1.456	112.2	150.9305587	158.4420873	Yes

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2.893

9/9/2019	20:09	27.56	0.744
9/9/2019	20:10	27.53	0.559
9/9/2019	20:11	27.45	0.483
9/9/2019	20:12	27.37	0.599
9/9/2019	20:13	27.3	0.585
9/9/2019	20:14	27.25	0.618
9/9/2019	20:15	27.25	0.716
9/9/2019	20:16	27.2	0.541
9/9/2019	20:17	27.16	0.486
9/9/2019	20:18	27.08	0.47
9/9/2019	20:19	27.04	0.473
9/9/2019	20:20	26.97	0.45
9/9/2019	20:21	26.92	0.449
9/9/2019	20:22	26.84	0.492
9/9/2019	20:23	26.78	0.475
9/9/2019	20:24	26.75	0.477
9/9/2019	20:25	26.7	0.546
9/9/2019	20:26	26.66	0.563
9/9/2019	20:27	26.67	0.605
9/9/2019	20:28	26.73	0.679
9/9/2019	20:29	26.72	0.511
9/9/2019	20:30	26.72	0.672
9/9/2019	20:31	26.7	0.568
9/9/2019	20:32	26.72	0.611
9/9/2019	20:33	26.71	0.641
9/9/2019	20:34	26.7	0.553
9/9/2019	20:35	26.64	0.496
9/9/2019	20:36	26.56	0.558
9/9/2019	20:37	26.5	0.487
9/9/2019	20:38	26.41	0.529
9/9/2019	20:39	26.39	0.69
9/9/2019	20:40	26.42	0.687
9/9/2019	20:41	26.43	0.589
9/9/2019	20:42	26.42	0.573
9/9/2019	20:43	26.39	0.628
9/9/2019	20:44	26.39	0.692
9/9/2019	20:45	26.37	0.511
9/9/2019	20:46	26.35	0.502
9/9/2019	20:47	26.37	0.584
9/9/2019	20:48	26.39	0.718
9/9/2019	20:49	26.4	0.714
9/9/2019	20:50	26.38	0.602
9/9/2019	20:51	26.36	0.599
9/9/2019	20:52	26.32	0.472
9/9/2019	20:53	26.29	0.493
9/9/2019	20:54	26.28	0.433
9/9/2019	20:55	26.24	0.492
9/9/2019	20:56	26.22	0.458
9/9/2019	20:57	26.18	0.519
9/9/2019	20:58	26.16	0.487
9/9/2019	20:59	26.11	0.477

136.9	190.2134023	27.65	0.992
136	191.7923969	27.63	0.744
139.3	181.9973899	27.55	0.666
137.1	189.4876488	27.46	0.754
134.9	188.6345537	27.39	0.687
140.8	177.3663815	27.34	0.827
132.5	182.3197334	27.35	0.861
134.3	186.9842516	27.3	0.701
136.8	190.5792409	27.26	0.651
129.6	175.6274687	27.18	0.593
131.3	179.4337369	27.13	0.64
133.4	184.5997584	27.07	0.583
140.1	179.4825368	27.02	0.578
139.2	182.3192244	26.95	0.606
138.5	184.6202228	26.88	0.602
131.6	180.1392477	26.86	0.574
131.1	178.969176	26.81	0.623
128.2	172.724134	26.77	0.706
128.8	173.943875	26.76	0.733
131.1	178.969176	26.83	0.812
133.6	185.120437	26.83	0.615
137.8	187.0083138	26.83	0.815
138.1	185.9739218	26.8	0.724
137.6	187.7071962	26.81	0.819
135	188.9144624	26.79	0.746
140.3	178.8700569	26.78	0.735
135.4	190.048269	26.72	0.566
134.1	186.4450707	26.64	0.58
133.6	185.120437	26.58	0.538
128.2	172.724134	26.49	0.619
130.3	177.156161	26.48	0.814
130.5	177.6027217	26.51	0.86
132.8	183.0684457	26.52	0.695
134	186.1774937	26.5	0.631
124	165.1323684	26.47	0.663
130.8	178.2808867	26.47	0.74
125.9	168.3704292	26.46	0.575
130.9	178.509184	26.43	0.62
130.9	178.509184	26.45	0.697
134	186.1774937	26.47	0.733
135.7	190.9137326	26.48	0.814
137.6	187.7071962	26.47	0.621
134.5	187.5288517	26.44	0.629
135	188.9144624	26.4	0.508
143.5	169.8808638	26.38	0.663
143.2	170.6627261	26.38	0.522
143.3	170.4007875	26.34	0.563
135	188.9144624	26.32	0.442
135	188.9144624	26.28	0.576
132.1	181.3386201	26.25	0.559
125.6	167.8384137	26.21	0.502

114.9	153.3930028	27.81	1.103
113.9	152.4321413	27.79	0.935
116	154.5187706	27.7	0.787
113.6	152.1552339	27.61	0.859
115	153.4923338	27.54	0.825
114.6	153.0985737	27.5	1.024
109.9	149.1519294	27.52	0.956
108.8	148.3999072	27.46	0.84
112	150.7645356	27.43	0.826
110.2	149.3679312	27.35	0.763
110.1	149.2954063	27.32	0.801
109.2	148.6661534	27.25	0.672
117.9	156.6401729	27.2	0.776
113.4	151.9734986	27.13	0.685
113.7	152.2469608	27.07	0.775
108.7	148.3346233	27.03	0.708
107.9	147.8305829	26.98	0.695
108.5	148.2055809	26.94	0.796
108	147.8918251	26.95	0.816
110.1	149.2954063	27.03	0.962
112.7	151.3553066	27.01	0.798
114.1	152.6196347	27.01	0.953
116	154.5187706	26.98	0.917
110	149.2234061	26.99	1.088
114.4	152.9052402	26.97	0.986
115.3	153.7939153	26.96	0.88
112	150.7645356	26.87	0.667
112.9	151.5291125	26.78	0.754
114.1	152.6196347	26.74	0.715
109.2	148.6661534	26.65	0.719
108.2	148.0158154	26.65	1.002
111.4	150.2796092	26.69	1.107
110.6	149.6633025	26.68	0.821
112.5	151.183739	26.66	0.835
108.6	148.2698482	26.62	0.72
107.8	147.7698413	26.62	0.846
108	147.8918251	26.61	0.664
108.6	148.2698482	26.59	0.758
111.1	150.0444711	26.61	0.879
115.3	153.7939153	26.63	0.873
115.4	153.8956445	26.64	0.926
116.8	155.3841351	26.62	0.714
115	153.4923338	26.6	0.776
115.4	153.8956445	26.56	0.675
121.8	161.7528127	26.55	0.837
124.2	165.4588142	26.55	0.652
121.1	160.7554768	26.52	0.724
115.3	153.7939153	26.49	0.679
111.1	150.0444711	26.45	0.688
113.8	152.3392627	26.43	0.684
107.5	147.5906108	26.39	0.646

113.5	152.0640803	28.03	1.339	107.3	147.4736091	28.24
113.2	151.7940443	28	1.027	107.2	147.415851	28.21
113.5	152.0640803	27.93	0.981	106.3	146.9181461	28.12
115.8	154.3086209	27.83	0.992	107	147.3018158	28.04
113.4	151.9734986	27.76	0.999	105	146.2685776	27.96
114.6	153.0985737	27.71	1.096	105	146.2685776	27.93
112.1	150.8472717	27.72	1.14	103.2	145.5015641	27.95
110.5	149.5886665	27.66	0.993	102.2	145.1405816	27.89
113.5	152.0640803	27.64	0.954	105.9	146.709616	27.86
111.4	150.2796092	27.58	0.89	101.5	144.915171	27.81
112.2	150.9305587	27.55	0.957	102.5	145.2440439	27.83
111	149.967168	27.5	0.836	101.1	144.796372	27.78
121.5	161.3209223	27.45	0.882	110	149.2234061	27.75
117.1	155.7190033	27.37	0.894	106.4	146.9714914	27.68
115	153.4923338	27.34	0.877	103.4	145.579304	27.66
113.3	151.8834871	27.31	0.88	102.3	145.1746105	27.61
111.6	150.439072	27.26	0.948	101	144.7678047	27.56
113	151.6168585	27.21	0.981	101.3	144.8548646	27.52
106.4	146.9714914	27.22	1.102	96.9	143.9815923	27.51
110.5	149.5886665	27.29	1.123	101.5	144.915171	27.56
115.7	154.2044642	27.25	0.972	104.7	146.1301527	27.5
115	153.4923338	27.25	1.139	103.7	145.6994008	27.48
117	155.6067462	27.22	1.104	105.3	146.4112828	27.44
112.4	151.0987909	27.23	1.217	103.6	145.6589028	27.45
114.9	153.3930028	27.21	1.218	105.7	146.6082498	27.43
119.2	158.226888	27.2	1.103	107	147.3018158	27.44
118.9	157.8506504	27.1	0.896	105.2	146.3632375	27.33
117.5	156.1744239	26.99	0.861	105.3	146.4112828	27.24
116.4	154.9464686	26.94	0.902	104	145.823697	27.17
115	153.4923338	26.87	0.999	103.4	145.579304	27.11
110.9	149.8904009	26.88	1.32	102.8	145.3516416	27.14
113.2	151.7940443	26.92	1.26	102.9	145.3884291	27.16
114.7	153.1961245	26.9	1.067	103.4	145.579304	27.12
114.3	152.8094541	26.89	1.06	101	144.7678047	27.11
112.1	150.8472717	26.83	0.96	101.1	144.796372	27.03
110.6	149.6633025	26.83	1.151	98.9	144.2717056	27.04
111.5	150.3590693	26.82	0.954	99.6	144.4151432	27.04
109.7	149.010542	26.8	1.067	100	144.5069269	27.03
113.2	151.7940443	26.84	1.125	101.6	144.9460055	27.07
116.6	155.1640479	26.86	1.125	105.8	146.658692	27.09
119.1	158.1007946	26.86	1.142	107.4	147.531862	27.09
120.3	159.6596036	26.84	0.922	108.7	148.3346233	27.05
117.3	155.945431	26.82	1.007	107.1	147.3585869	27.03
121	160.6159553	26.78	0.824	110.2	149.3679312	26.99
126.6	169.6432085	26.77	0.899	113.5	152.0640803	26.98
126.8	170.0150814	26.77	0.82	116.4	154.9464686	26.97
125.5	167.6628412	26.74	0.925	113.9	152.4321413	26.94
119.4	158.4811294	26.71	0.804	108.5	148.2055809	26.92
116.2	154.7313813	26.67	0.946	107.2	147.415851	26.88
119.1	158.1007946	26.65	0.894	106.1	146.8129126	26.87
113.2	151.7940443	26.62	0.891	102.9	145.3884291	26.86

1.53	115	153.4923338	159.3272857	Yes
1.257	113.6	152.1552339	159.1179335	Yes
1.169	113.7	152.2469608	157.5490696	Yes
1.257	113.5	152.0640803	159.0634799	Yes
1.164	113.1	151.7051686	158.4148265	Yes
1.301	113	151.6168585	156.289793	Yes
1.259	111.8	150.6007104	155.6842418	Yes
1.179	109.2	148.6661534	155.7559121	Yes
1.11	112.3	151.0143979	158.2263741	Yes
1.129	111	149.967168	154.0314696	Yes
1.192	110.2	149.3679312	154.8543354	Yes
1.035	108.7	148.3346233	155.272815	Yes
1.145	113.4	151.9734986	159.7281073	Yes
1.086	111.9	150.682349	157.5331133	Yes
1.069	109.7	149.010542	156.9898727	Yes
1.104	110.4	149.5145601	155.0093057	Yes
1.108	110	149.2234061	154.2460083	Yes
1.178	109.4	148.802358	153.2407592	Yes
1.215	104.9	146.2219614	151.802149	Yes
1.274	108	147.8918251	154.132049	Yes
1.156	110.8	149.8141685	157.3249058	Yes
1.274	111.4	150.2796092	157.8198585	Yes
1.274	113.1	151.7051686	158.843178	Yes
1.452	110.8	149.8141685	156.7004929	Yes
1.424	113.3	151.8834871	158.7408885	Yes
1.31	114.5	153.0016129	158.2388578	Yes
1.04	113.8	152.3392627	159.4731911	Yes
1.085	113	151.6168585	158.4353497	Yes
1.049	113.1	151.7051686	158.0430812	Yes
1.139	113.1	151.7051686	154.4334188	Yes
1.562	111	149.967168	154.0762374	Yes
1.447	111.1	150.0444711	155.0218551	Yes
1.235	111.5	150.3590693	156.3732492	Yes
1.208	109.2	148.6661534	156.720929	Yes
1.161	109.7	149.010542	151.6112804	Yes
1.253	108.7	148.3346233	153.6640719	Yes
1.051	106.7	147.1344513	151.6341836	Yes
1.205	108.9	148.4657012	153.7524404	Yes
1.309	110	149.2234061	154.9034222	Yes
1.265	114.7	153.1961245	158.9980547	Yes
1.282	116.6	155.1640479	161.1212163	Yes
1.051	117	155.6067462	161.3384609	Yes
1.136	115.7	154.2044642	159.7059335	Yes
0.95	120.2	159.5258496	162.4639686	Yes
1.136	121.6	161.4641376	162.9610206	Yes
0.957	123.5	164.3305874	165.0827355	Yes
1.027	122.9	163.3950032	162.92925	Yes
0.99	117.7	156.4059988	161.1602173	Yes
1.031	117.1	155.7190033	159.3650339	Yes
1.074	116.1	154.6247674	158.6432715	Yes
1.051	111.9	150.682349	152.6587694	Yes

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13.93

9/9/2019	21:00	26.07	0.513
9/9/2019	21:01	26.05	0.49
9/9/2019	21:02	26.01	0.598
9/9/2019	21:03	25.99	0.532
9/9/2019	21:04	25.98	0.592
9/9/2019	21:05	25.95	0.582
9/9/2019	21:06	25.95	0.563
9/9/2019	21:07	25.96	0.508
9/9/2019	21:08	25.98	0.609
9/9/2019	21:09	25.99	0.588
9/9/2019	21:10	25.97	0.478
9/9/2019	21:11	25.9	0.573
9/9/2019	21:12	25.86	0.497
9/9/2019	21:13	25.82	0.648
9/9/2019	21:14	25.8	0.671
9/9/2019	21:15	25.78	0.638
9/9/2019	21:16	25.76	0.732
9/9/2019	21:17	25.74	0.661
9/9/2019	21:18	25.73	0.597
9/9/2019	21:19	25.7	0.536
9/9/2019	21:20	25.69	0.654
9/9/2019	21:21	25.7	0.757
9/9/2019	21:22	25.72	0.752
9/9/2019	21:23	25.72	0.602
9/9/2019	21:24	25.68	0.692
9/9/2019	21:25	25.69	0.712
9/9/2019	21:26	25.69	0.636
9/9/2019	21:27	25.67	0.534
9/9/2019	21:28	25.67	0.637
9/9/2019	21:29	25.66	0.646
9/9/2019	21:30	25.65	0.727
9/9/2019	21:31	25.66	0.763
9/9/2019	21:32	25.65	0.675
9/9/2019	21:33	25.66	0.774
9/9/2019	21:34	25.67	0.782
9/9/2019	21:35	25.66	0.748
9/9/2019	21:36	25.65	0.636
9/9/2019	21:37	25.63	0.798
9/9/2019	21:38	25.63	0.767
9/9/2019	21:39	25.63	0.644
9/9/2019	21:40	25.62	0.704
9/9/2019	21:41	25.63	0.73
9/9/2019	21:42	25.56	0.613
9/9/2019	21:43	25.5	0.574
9/9/2019	21:44	25.45	0.74
9/9/2019	21:45	25.42	0.637
9/9/2019	21:46	25.38	0.523
9/9/2019	21:47	25.34	0.604
9/9/2019	21:48	25.31	0.491
9/9/2019	21:49	25.27	0.57
9/9/2019	21:50	25.2	0.478

132.4	182.0726285	26.18	0.543
127.7	171.7349716	26.16	0.457
127.4	171.1531239	26.12	0.618
127.1	170.5798662	26.1	0.558
125.7	168.0148666	26.08	0.591
128.3	172.92492	26.06	0.621
133.7	185.382728	26.07	0.638
130.9	178.509184	26.07	0.599
131.3	179.4337369	26.09	0.686
134.1	186.4450707	26.1	0.674
134.1	186.4450707	26.08	0.534
137.4	188.4136263	26	0.595
138.2	185.6327901	25.95	0.576
126.1	168.7295603	25.91	0.63
131.4	179.6677453	25.89	0.693
136.6	191.31691	25.86	0.597
140	179.7911758	25.84	0.694
140.2	179.1755005	25.83	0.663
134.8	188.3560461	25.81	0.614
138.3	185.293471	25.78	0.544
133.6	185.120437	25.77	0.707
131.4	179.6677453	25.78	0.729
135.4	190.048269	25.8	0.786
129.9	176.2761595	25.81	0.584
135.5	190.3353042	25.77	0.695
136.6	191.31691	25.78	0.818
136	191.7923969	25.79	0.671
138.9	183.2949574	25.76	0.58
132.4	182.0726285	25.76	0.63
128.4	173.1267013	25.74	0.641
130.9	178.509184	25.74	0.723
135.2	189.4785153	25.74	0.781
134.9	188.6345537	25.73	0.704
135.4	190.048269	25.74	0.84
138.6	184.28627	25.75	0.745
139.9	180.1014276	25.73	0.794
139.2	182.3192244	25.73	0.625
139.2	182.3192244	25.71	0.791
134.2	186.7139875	25.7	0.813
142.3	173.0808789	25.71	0.679
132.1	181.3386201	25.7	0.769
131	178.7386118	25.71	0.69
137.9	186.6616714	25.64	0.578
137.2	189.1277069	25.57	0.583
140.5	178.2639076	25.52	0.721
134.9	188.6345537	25.49	0.664
130.4	177.3788901	25.44	0.543
146	163.8037704	25.4	0.611
152.6	150.9537025	25.38	0.514
147.2	161.1450705	25.34	0.527
145.9	164.0325631	25.28	0.473

110.4	149.5145601	26.36	0.68
108.1	147.9535689	26.33	0.585
107	147.3018158	26.3	0.705
107.4	147.531862	26.28	0.634
112.1	150.8472717	26.27	0.685
110.9	149.8904009	26.25	0.707
109.1	148.5988232	26.26	0.777
110.2	149.3679312	26.27	0.768
114.2	152.7142528	26.29	0.877
114.8	153.294267	26.29	0.844
116.8	155.3841351	26.25	0.702
117	155.6067462	26.16	0.742
110.3	149.4409821	26.12	0.806
109.3	148.733998	26.07	0.751
114.5	153.0016129	26.06	0.926
117.9	156.6401729	26.02	0.83
121.1	160.7554768	25.99	0.88
124.3	165.6232794	25.98	0.846
118.2	156.9963458	25.97	0.776
117.2	155.8318976	25.94	0.723
117.2	155.8318976	25.92	0.823
113.3	151.8834871	25.92	0.78
117.2	155.8318976	25.95	0.954
115.1	153.5922617	25.96	0.777
118.1	156.8769637	25.93	0.829
117.1	155.7190033	25.95	0.992
117.9	156.6401729	25.95	0.745
122.8	163.2418433	25.92	0.807
118	156.7582401	25.91	0.911
118.5	157.3584661	25.9	0.888
119.3	158.3536654	25.9	0.965
118.4	157.2370948	25.89	0.852
118.7	157.6032138	25.88	0.926
117.5	156.1744239	25.89	0.96
118.8	157.7265948	25.9	0.814
121.8	161.7528127	25.88	0.94
119.3	158.3536654	25.87	0.814
120.9	160.4771641	25.85	0.954
116.6	155.1640479	25.84	1.052
121.8	161.7528127	25.85	0.944
113.9	152.4321413	25.84	0.962
115.9	154.4133891	25.84	0.82
114.5	153.0016129	25.77	0.715
120.7	160.201762	25.7	0.764
122.4	162.6370044	25.66	0.762
121.8	161.7528127	25.62	0.786
120.1	159.3928048	25.58	0.633
125.3	167.3143222	25.54	0.77
135	188.9144624	25.52	0.674
128.8	173.943875	25.49	0.649
128.8	173.943875	25.42	0.561

113.3	151.8834871	26.61	0.899	103.3	145.540202	26.85
109.8	149.0809751	26.57	0.83	100.2	144.5555056	26.82
109.2	148.6661534	26.55	0.958	99.9	144.4833098	26.78
110.7	149.7384694	26.52	0.894	100.2	144.5555056	26.75
112.5	151.183739	26.51	0.919	101.6	144.9460055	26.74
114.1	152.6196347	26.5	0.968	103.9	145.7817973	26.74
110.8	149.8141685	26.5	1.082	98.4	144.18259	26.75
113	151.6168585	26.52	0.98	102.5	145.2440439	26.77
115.7	154.2044642	26.54	1.146	105.5	146.5088075	26.79
117	155.6067462	26.54	1.05	104.2	145.9089029	26.78
118.9	157.8506504	26.5	0.928	105.7	146.6082498	26.73
119.1	158.1007946	26.41	1.027	107.1	147.3585869	26.65
115.3	153.7939153	26.36	1.093	103.8	145.7403654	26.61
112.2	150.9305587	26.3	1.081	100.3	144.580468	26.54
113.9	152.4321413	26.3	1.231	103	145.4256783	26.53
119	157.9753829	26.25	1.06	105.9	146.709616	26.48
125	166.7980522	26.22	1.104	113	151.6168585	26.44
126.1	168.7295603	26.2	1.052	112.2	150.9305587	26.41
122	162.0444998	26.19	0.994	108.6	148.2698482	26.41
120.3	159.6596036	26.16	0.979	108.6	148.2698482	26.39
118.7	157.6032138	26.14	1.073	106.5	147.0253234	26.36
115.5	153.9979779	26.13	1.083	103.2	145.5015641	26.33
117.4	156.0596058	26.16	1.198	105.4	146.4598058	26.35
119.4	158.4811294	26.17	1.035	106.6	147.0796431	26.35
119.5	158.6092822	26.13	1.132	106.9	147.2455367	26.34
118.3	157.1163888	26.16	1.284	107.7	147.7095994	26.38
120.3	159.6596036	26.16	1.062	107.9	147.8305829	26.38
121.5	161.3209223	26.13	0.997	108.6	148.2698482	26.34
121	160.6159553	26.13	1.13	108.3	148.0785655	26.35
117	155.6067462	26.11	1.113	106	146.7610226	26.32
118.6	157.480505	26.11	1.127	107.2	147.415851	26.32
119.5	158.6092822	26.1	1.22	108.8	148.3999072	26.31
118.4	157.2370948	26.08	1.177	107.4	147.531862	26.28
118.6	157.480505	26.09	1.267	106.1	146.8129126	26.29
120.8	160.3391006	26.1	1.19	109.1	148.5988232	26.28
121	160.6159553	26.08	1.213	111	149.967168	26.26
118.8	157.7265948	26.06	1.023	106.8	147.1897488	26.24
121.8	161.7528127	26.04	1.189	110.7	149.7384694	26.21
118	156.7582401	26.03	1.333	107.2	147.415851	26.2
122.6	162.9378699	26.05	1.107	110.7	149.7384694	26.21
113.1	151.7051686	26.04	1.294	104.6	146.0849588	26.19
113.5	152.0640803	26.04	1.072	103.3	145.540202	26.19
115	153.4923338	25.96	0.974	103.7	145.6994008	26.14
118.7	157.6032138	25.9	1.036	109.2	148.6661534	26.09
121.1	160.7554768	25.87	1.126	110.6	149.6633025	26.07
117.6	156.2898875	25.82	1.049	110	149.2234061	26.02
120.1	159.3928048	25.78	0.942	110.9	149.8904009	25.97
125.2	167.1413681	25.75	1.044	111.8	150.6007104	25.94
129.2	174.7773583	25.73	0.87	120	159.2604663	25.92
130.3	177.156161	25.7	0.854	120.2	159.5258496	25.87
125.1	166.9692794	25.63	0.827	117.5	156.1744239	25.81

1.065	112.6	151.2692438	156.0560243	Yes
0.971	109	148.5320061	152.3714055	Yes
1.028	110.6	149.6633025	152.2535411	Yes
0.97	108.8	148.3999072	152.1611221	Yes
1.045	108.9	148.4657012	152.6915168	Yes
1.079	111.6	150.439072	154.331165	Yes
1.195	107.6	147.6498563	155.1256332	Yes
1.077	110.5	149.5886665	154.8653368	Yes
1.306	112.5	151.183739	156.8090001	Yes
1.152	111.5	150.3590693	158.3228112	Yes
1.098	115.8	154.3086209	160.1193454	Yes
1.191	115.8	154.3086209	160.757675	Yes
1.238	111.3	150.2006904	156.9617486	Yes
1.207	111.3	150.2006904	152.6350551	Yes
1.38	111.3	150.2006904	156.1455736	Yes
1.246	115.4	153.8956445	161.3075453	Yes
1.23	120.6	160.0651457	163.8053418	Yes
1.282	121.6	161.4641376	165.1846073	Yes
1.19	117.6	156.2898875	162.3913255	Yes
1.086	118.6	157.480505	161.3070651	Yes
1.113	115.8	154.3086209	159.9778985	Yes
1.158	113.4	151.9734986	156.6048546	Yes
1.305	114.4	152.9052402	160.2609637	Yes
1.157	115.5	153.9979779	157.8854343	Yes
1.284	117.4	156.0596058	161.8253385	Yes
1.436	117.2	155.8318976	161.5387598	Yes
1.078	118.1	156.8769637	162.559944	Yes
1.284	118.6	157.480505	162.7216152	Yes
1.319	116.8	155.3841351	160.5819049	Yes
1.289	115.4	153.8956445	157.3497161	Yes
1.395	117.5	156.1744239	159.5867259	Yes
1.308	117.8	156.5227599	162.0495119	Yes
1.391	116.9	155.4951241	161.3003697	Yes
1.418	115.6	154.1009172	160.9234055	Yes
1.261	117.9	156.6401729	161.5181923	Yes
1.438	120	159.2604663	162.339566	Yes
1.204	115.7	154.2044642	159.9587395	Yes
1.351	120.1	159.3928048	162.7360951	Yes
1.426	117.8	156.5227599	160.5149773	Yes
1.32	120.2	159.5258496	161.4071761	Yes
1.417	115.4	153.8956445	157.0913067	Yes
1.206	113.6	152.1552339	156.5823034	Yes
1.17	114.1	152.6196347	158.2949307	Yes
1.188	119.8	158.9978987	162.919347	Yes
1.225	119.5	158.6092822	161.9857947	Yes
1.157	120.1	159.3928048	163.0586929	Yes
0.996	121.2	160.8957315	161.3901264	Yes
1.101	122.6	162.9378699	162.3596082	Yes
1.012	128.6	173.5332689	169.4878517	Yes
0.949	129.7	175.8426324	169.5227177	Yes
0.946	125.3	167.3143222	165.6868927	Yes

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9/9/2019	21:52	25.09	0.704
9/9/2019	21:53	25.03	0.528
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9/9/2019	21:55	24.97	0.814
9/9/2019	21:56	24.94	0.644
9/9/2019	21:57	24.92	0.72
9/9/2019	21:58	24.92	0.589
9/9/2019	21:59	24.9	0.607
9/9/2019	22:00	24.88	0.621
9/9/2019	22:01	24.86	0.668
9/9/2019	22:02	24.88	0.829
9/9/2019	22:03	24.91	0.638
9/9/2019	22:04	24.94	0.6
9/9/2019	22:05	24.91	0.482
9/9/2019	22:06	24.84	0.531
9/9/2019	22:07	24.76	0.522
9/9/2019	22:08	24.67	0.558
9/9/2019	22:09	24.6	0.633
9/9/2019	22:10	24.6	0.883
9/9/2019	22:11	24.61	0.537
9/9/2019	22:12	24.6	0.58
9/9/2019	22:13	24.59	0.492
9/9/2019	22:14	24.59	0.551
9/9/2019	22:15	24.59	0.695
9/9/2019	22:16	24.6	0.751
9/9/2019	22:17	24.59	0.63
9/9/2019	22:18	24.6	0.846
9/9/2019	22:19	24.59	0.913
9/9/2019	22:20	24.63	0.8
9/9/2019	22:21	24.66	0.917
9/9/2019	22:22	24.68	0.823
9/9/2019	22:23	24.68	0.854
9/9/2019	22:24	24.68	0.763
9/9/2019	22:25	24.67	0.763
9/9/2019	22:26	24.68	0.78
9/9/2019	22:27	24.7	0.967
9/9/2019	22:28	24.68	0.746
9/9/2019	22:29	24.65	0.779
9/9/2019	22:30	24.64	0.97
9/9/2019	22:31	24.62	0.72
9/9/2019	22:32	24.6	0.704
9/9/2019	22:33	24.56	0.901
9/9/2019	22:34	24.52	0.7
9/9/2019	22:35	24.48	0.925
9/9/2019	22:36	24.48	0.769
9/9/2019	22:37	24.48	0.875
9/9/2019	22:38	24.5	0.727
9/9/2019	22:39	24.47	0.693
9/9/2019	22:40	24.45	0.745
9/9/2019	22:41	24.43	0.777

140.8	177.3663815	25.2	0.553
143.8	169.1107479	25.16	0.691
146.7	162.2336611	25.1	0.564
135.3	189.7626755	25.05	0.654
133.5	184.8594495	25.05	0.783
144.3	167.8527808	25.02	0.677
143	171.1905949	24.99	0.696
140.5	178.2639076	24.99	0.642
145.8	164.2624968	24.99	0.642
139.1	182.6427564	24.96	0.662
136.6	191.31691	24.95	0.652
135.2	189.4785153	24.96	0.889
142.5	172.5339195	25	0.712
145.7	164.4935779	25.02	0.645
160	140.7951122	25	0.463
168.9	132.977145	24.93	0.558
156.6	144.9870876	24.85	0.555
161.1	139.5939084	24.76	0.546
168.8	133.042617	24.7	0.68
154.7	147.6715655	24.7	0.896
150.6	154.4151969	24.72	0.576
153.2	149.9805289	24.71	0.598
152.1	151.7871691	24.7	0.48
162.4	138.2655439	24.69	0.589
161	139.7001382	24.69	0.69
161.6	139.0715101	24.7	0.748
159.8	141.0213439	24.69	0.77
155.6	146.3676144	24.69	0.751
152.7	150.7894808	24.68	0.87
152.4	151.2846063	24.71	0.791
152	151.9563603	24.74	0.859
149.7	156.0881634	24.76	0.761
153.7	149.1915112	24.76	0.847
150.9	153.8738695	24.76	0.763
154.2	148.4219956	24.75	0.787
155.2	146.9398193	24.75	0.781
156.2	145.5308449	24.76	0.891
158.2	142.9209771	24.75	0.743
157.9	143.2953883	24.72	0.818
150.5	154.5974305	24.7	1
152.7	150.7894808	24.69	0.727
148.8	157.837148	24.66	0.728
148.2	159.0470698	24.63	0.856
152.9	150.4634796	24.58	0.699
146.5	162.6767095	24.54	0.899
149.3	156.8559046	24.54	0.84
150.7	154.2338617	24.54	0.87
159.2	141.7148217	24.57	0.792
155.3	146.7956779	24.54	0.782
158.9	142.0699862	24.52	0.734
152.8	150.6260744	24.49	0.787

121.8	161.7528127	25.35	0.629
126.4	169.2750169	25.32	0.731
125.3	167.3143222	25.27	0.703
118.3	157.1163888	25.22	0.775
115.3	153.7939153	25.23	0.887
123	163.5489495	25.18	0.766
120.3	159.6596036	25.15	0.835
118.9	157.8506504	25.15	0.817
120.3	159.6596036	25.16	0.738
121.3	161.0367221	25.14	0.739
114	152.5255981	25.12	0.717
118.2	156.9963458	25.15	1.058
122.6	162.9378699	25.17	0.821
131.5	179.9029136	25.2	0.803
136.2	192.385621	25.16	0.535
146.9	161.7949854	25.09	0.568
133	183.5738179	25.01	0.598
134.9	188.6345537	24.92	0.646
144.2	168.1018522	24.88	0.792
138	186.3168781	24.9	0.937
130.7	178.0537144	24.92	0.701
135.5	190.3353042	24.9	0.633
131.8	180.615438	24.89	0.675
141.4	175.6124958	24.88	0.777
143.7	169.3661605	24.89	0.788
142.2	173.356455	24.89	0.806
140.7	177.6640101	24.88	0.858
138	186.3168781	24.87	0.838
135.1	189.1957803	24.87	0.959
132.9	183.3205043	24.9	0.999
135.5	190.3353042	24.92	1.089
132.8	183.0684457	24.94	0.861
133.7	185.382728	24.94	0.915
130.7	178.0537144	24.93	0.796
133.6	185.120437	24.91	0.893
134	186.1774937	24.91	0.823
135.7	190.9137326	24.92	0.98
136.3	192.4386028	24.91	0.898
137.3	188.7697038	24.87	0.996
130.3	177.156161	24.86	0.961
131.6	180.1392477	24.84	0.924
130.9	178.509184	24.8	0.93
128.9	174.1507045	24.76	0.864
129.1	174.5674412	24.71	0.86
130.4	177.3788901	24.67	0.89
129.6	175.6274687	24.67	0.976
131.9	180.8553063	24.68	1.07
132.7	182.8176355	24.7	0.895
131.3	179.4337369	24.67	0.825
135	188.9144624	24.65	0.846
133.7	185.382728	24.62	0.882

117.9	156.6401729	25.57	0.927	111.3	150.2006904	25.77
122.9	163.3950032	25.55	1.067	116.6	155.1640479	25.75
121.9	161.8982783	25.5	0.938	114	152.5255981	25.72
113.9	152.4321413	25.46	1.114	108	147.8918251	25.7
112.7	151.3553066	25.47	1.217	105.1	146.3156694	25.7
118.1	156.8769637	25.41	1.091	110.1	149.2954063	25.63
114.5	153.0016129	25.36	1.104	110.4	149.5145601	25.58
116.1	154.6247674	25.38	1.099	107.3	147.4736091	25.57
115.8	154.3086209	25.39	1.092	108.8	148.3999072	25.59
115.9	154.4133891	25.36	1.064	109.6	148.9406289	25.56
111.7	150.5196185	25.35	1.048	106	146.7610226	25.55
115.4	153.8956445	25.38	1.379	108.8	148.3999072	25.58
118.8	157.7265948	25.4	1.098	111.2	150.1223115	25.61
125.9	168.3704292	25.43	0.986	116.6	155.1640479	25.62
128.8	173.943875	25.37	0.785	123	163.5489495	25.54
140.5	178.2639076	25.31	0.862	132.5	182.3197334	25.5
127.4	171.1531239	25.23	0.893	123.6	164.489319	25.43
127.1	170.5798662	25.15	0.925	122.9	163.3950032	25.37
137.5	188.0594614	25.13	1.109	129	174.3585583	25.4
133.6	185.120437	25.15	1.254	124.5	165.9547117	25.42
124.5	165.9547117	25.16	1.013	121.3	161.0367221	25.41
129.7	175.8426324	25.14	0.91	124	165.1323684	25.38
128	172.3255294	25.12	0.86	122.6	162.9378699	25.36
133.6	185.120437	25.12	0.989	129.1	174.5674412	25.36
137.1	189.4876488	25.13	1.063	131	178.7386118	25.36
135.3	189.7626755	25.13	1.095	130.1	176.7139881	25.34
133.4	184.5997584	25.11	1.105	127.9	172.1277015	25.31
133.9	185.9112491	25.1	1.147	127.6	171.5400605	25.3
129.6	175.6274687	25.1	1.336	124.4	165.7885774	25.31
129.8	176.0588609	25.13	1.244	123.2	163.8592137	25.33
129.2	174.7773583	25.16	1.287	121.9	161.8982783	25.35
127.7	171.7349716	25.17	1.131	122.1	162.1914802	25.35
128.8	173.943875	25.15	1.245	121.8	161.7528127	25.34
125	166.7980522	25.13	1.168	121.7	161.6081001	25.33
126.5	169.4586546	25.11	1.198	121.2	160.8957315	25.32
128.2	172.724134	25.11	1.205	122.7	163.0894665	25.32
129.9	176.2761595	25.13	1.305	124.3	165.6232794	25.35
129.8	176.0588609	25.11	1.111	123.4	164.1726616	25.31
128.7	173.7380647	25.07	1.219	123.8	164.8092124	25.27
123.8	164.8092124	25.05	1.413	120	159.2604663	25.25
124.7	166.2895033	25.03	1.116	121.3	161.0367221	25.22
123.8	164.8092124	24.99	1.09	118.6	157.480505	25.17
122.1	162.1914802	24.94	1.19	120	159.2604663	25.13
122.2	162.3392225	24.89	1.14	119.8	158.9978987	25.08
123.6	164.489319	24.86	1.303	120.7	160.201762	25.06
124	165.1323684	24.86	1.245	120.2	159.5258496	25.07
126.2	168.9104738	24.87	1.298	123.5	164.3305874	25.08
125.3	167.3143222	24.89	1.249	122.3	162.4877295	25.08
127.4	171.1531239	24.86	1.133	123.6	164.489319	25.04
129.7	175.8426324	24.83	1.122	123.6	164.489319	25.02
126.3	169.0922914	24.82	1.163	123	163.5489495	25.01

1.113	121.1	160.7554768	161.3431069	Yes
1.099	126.4	169.2750169	165.2439666	Yes
1.165	123.9	164.9703808	161.7884481	Yes
1.25	116.6	155.1640479	160.4734157	Yes
1.29	114.4	152.9052402	157.8459162	Yes
1.174	120.7	160.201762	159.5551725	Yes
1.167	119.2	158.226888	158.3186519	Yes
1.183	117.1	155.7190033	158.7863876	Yes
1.16	120.1	159.3928048	157.2046867	Yes
1.152	120.3	159.6596036	161.33862	Yes
1.14	114.8	153.294267	158.8834832	Yes
1.47	118.7	157.6032138	161.2747253	Yes
1.317	121.6	161.4641376	160.9569666	Yes
1.172	126.5	169.4586546	167.4779246	Yes
0.885	130.5	177.6027217	169.6552559	Yes
1.005	139.4	181.6772422	167.4066027	Yes
0.986	133.9	185.9112491	170.0229195	Yes
1.088	131.4	179.6677453	168.3742154	Yes
1.322	135.9	191.4980279	171.0121034	Yes
1.345	132.5	182.3197334	173.4766651	Yes
1.153	130.5	177.6027217	167.4126133	Yes
1.057	134.9	188.6345537	173.9850775	Yes
1.136	130.4	177.3788901	169.0089793	Yes
1.15	138.1	185.9739218	171.9079679	Yes
1.239	139.1	182.6427564	171.9870632	Yes
1.287	138.9	183.2949574	172.4399172	Yes
1.336	136.6	191.31691	173.3459448	Yes
1.338	133.7	185.382728	175.103706	Yes
1.465	132.5	182.3197334	172.7442081	Yes
1.384	132.2	181.5820782	171.2210527	Yes
1.515	131.7	180.3767538	171.868811	Yes
1.37	130.9	178.509184	170.318449	Yes
1.425	131.9	180.8553063	170.2252466	Yes
1.335	129.7	175.8426324	167.2352737	Yes
1.311	129.7	175.8426324	167.9478902	Yes
1.433	130.5	177.6027217	169.306727	Yes
1.479	131.8	180.615438	171.7918909	Yes
1.304	131.5	179.9029136	171.0988032	Yes
1.425	130.9	178.509184	169.8243106	Yes
1.466	128.6	173.5332689	165.8713078	Yes
1.362	129.1	174.5674412	166.564479	Yes
1.416	127.3	170.9610894	165.9194277	Yes
1.413	128.3	172.92492	165.5149282	Yes
1.364	128.2	172.724134	163.8184352	Yes
1.413	128.7	173.7380647	167.6969491	Yes
1.493	129.3	174.9883145	166.4259812	Yes
1.526	130	176.4945334	168.9649525	Yes
1.344	131.1	178.969176	166.660737	Yes
1.278	131.5	179.9029136	168.3549542	Yes
1.323	133	183.5738179	170.9780436	Yes
1.366	130.6	177.8276612	169.2955409	Yes

3.212
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9/9/2019	22:42	24.4	0.735
9/9/2019	22:43	24.37	0.594
9/9/2019	22:44	24.34	0.772
9/9/2019	22:45	24.33	0.685
9/9/2019	22:46	24.32	0.768
9/9/2019	22:47	24.3	0.611
9/9/2019	22:48	24.25	0.505
9/9/2019	22:49	24.17	0.332
9/9/2019	22:50	24.09	0.445
9/9/2019	22:51	24.01	0.387
9/9/2019	22:52	23.92	0.258
9/9/2019	22:53	23.83	0.325
9/9/2019	22:54	23.74	0.224
9/9/2019	22:55	23.66	0.118
9/9/2019	22:56	23.58	0.197
9/9/2019	22:57	23.5	0.182
9/9/2019	22:58	23.43	0.297
9/9/2019	22:59	23.35	0.299
9/9/2019	23:00	23.26	0.307
9/9/2019	23:01	23.18	0.327
9/9/2019	23:02	23.11	0.295
9/9/2019	23:03	23.07	0.365
9/9/2019	23:04	23.05	0.497
9/9/2019	23:05	23.05	0.432
9/9/2019	23:06	23.07	0.401
9/9/2019	23:07	23.07	0.435
9/9/2019	23:08	23.08	0.494
9/9/2019	23:09	23.1	0.512
9/9/2019	23:10	23.08	0.362
9/9/2019	23:11	23.04	0.421
9/9/2019	23:12	23	0.303
9/9/2019	23:13	22.96	0.296
9/9/2019	23:14	22.92	0.292
9/9/2019	23:15	22.88	0.278
9/9/2019	23:16	22.84	0.248
9/9/2019	23:17	22.81	0.274
9/9/2019	23:18	22.78	0.248
9/9/2019	23:19	22.76	0.328
9/9/2019	23:20	22.77	0.433
9/9/2019	23:21	22.8	0.345
9/9/2019	23:22	22.83	0.406
9/9/2019	23:23	22.86	0.245
9/9/2019	23:24	22.87	0.289
9/9/2019	23:25	22.88	0.293
9/9/2019	23:26	22.86	0.215
9/9/2019	23:27	22.83	0.158
9/9/2019	23:28	22.79	0.138
9/9/2019	23:29	22.72	0.171
9/9/2019	23:30	22.63	0.189
9/9/2019	23:31	22.54	0.19
9/9/2019	23:32	22.44	0.233

154.2	148.4219956	24.47	0.747
153.1	150.1407104	24.44	0.64
150.8	154.0534207	24.4	0.864
147.6	160.2933984	24.39	0.781
146.3	163.1241775	24.39	0.818
152.2	151.6188155	24.37	0.613
139.5	181.3587702	24.31	0.54
136.2	192.385621	24.22	0.491
142	173.9118416	24.14	0.537
131.3	179.4337369	24.06	0.518
130.3	177.156161	23.98	0.379
128.2	172.724134	23.89	0.476
123.8	164.8092124	23.81	0.342
143.5	169.8808638	23.73	0.188
163.4	137.3085186	23.66	0.265
159.3	141.5976893	23.59	0.265
158.2	142.9209771	23.53	0.411
160.4	140.3499361	23.48	0.393
184.4	128.0167799	23.39	0.376
179.7	128.4855767	23.32	0.41
178	128.870052	23.26	0.39
165.8	135.2306555	23.22	0.423
155.3	146.7956779	23.2	0.554
148.7	158.0363201	23.2	0.495
142.1	173.6334397	23.21	0.557
142	173.9118416	23.21	0.574
137.8	187.0083138	23.21	0.638
132.1	181.3386201	23.23	0.696
122.5	162.7870502	23.21	0.483
134.4	187.2558705	23.15	0.535
144.5	167.3583715	23.1	0.438
146.2	163.3495837	23.06	0.429
150.6	154.4151969	23.01	0.377
161.2	139.4882645	22.97	0.351
160	140.7951122	22.94	0.317
172.4	130.9739291	22.9	0.366
173.4	130.5013785	22.88	0.353
176.4	129.3383252	22.87	0.389
175.1	129.7960751	22.89	0.44
180.1	128.4118509	22.93	0.458
181.7	128.180153	22.97	0.469
184.3	128.0177548	23	0.433
189.5	128.4855767	23.02	0.381
198.7	131.9926732	23.02	0.354
193	129.4042052	23.02	0.255
234.1	189.1957803	22.97	0.18
285.3	146.4112828	22.92	0.207
274	143.8734887	22.86	0.237
303	163.5489495	22.77	0.255
296.7	155.273777	22.69	0.231
318.6	184.28627	22.58	0.298

131.5	179.9029136	24.6	0.92
131.7	180.3767538	24.57	0.829
126.3	169.0922914	24.54	0.96
125.1	166.9692794	24.52	0.887
123.3	164.0155381	24.52	0.962
121	160.6159553	24.49	0.783
113.4	151.9734986	24.44	0.701
110.4	149.5145601	24.35	0.575
114.7	153.1961245	24.27	0.62
107	147.3018158	24.2	0.641
104.3	145.9522103	24.13	0.487
105.2	146.3632375	24.06	0.562
98.6	144.2169051	24	0.431
116.6	155.1640479	23.93	0.339
134.2	186.7139875	23.86	0.432
133.2	184.0842372	23.8	0.426
132.2	181.5820782	23.75	0.642
135.4	190.048269	23.72	0.604
155.2	146.9398193	23.65	0.568
153.2	149.9805289	23.59	0.646
148.3	158.8429179	23.52	0.603
141.8	174.472931	23.49	0.68
129.2	174.7773583	23.47	0.721
121.6	161.4641376	23.46	0.633
113.3	151.8834871	23.45	0.659
114.2	152.7142528	23.46	0.679
110	149.2234061	23.45	0.731
103.3	145.540202	23.47	0.756
100.6	144.6580519	23.42	0.553
106.3	146.9181461	23.36	0.63
118.3	157.1163888	23.3	0.565
122.4	162.6370044	23.25	0.565
127.3	170.9610894	23.2	0.531
134.4	187.2558705	23.17	0.529
135.2	189.4785153	23.14	0.459
142.6	172.2625195	23.12	0.499
146.1	163.5761126	23.11	0.521
149.6	156.2786798	23.11	0.679
153.5	149.5047542	23.14	0.718
156.3	145.3938588	23.19	0.597
157.3	144.0620273	23.22	0.692
154.9	147.3766469	23.26	0.581
163.3	137.4017445	23.27	0.532
172.8	130.7797169	23.28	0.489
169.1	132.8476073	23.26	0.31
211.3	143.2953883	23.2	0.3
257	150.9305587	23.15	0.3
254.2	153.4923338	23.07	0.312
274.3	143.8675721	22.98	0.368
275.7	143.8921176	22.9	0.32
293.2	151.7940443	22.8	0.371

124	165.1323684	24.8	1.13	121.6	161.4641376	24.99
122.2	162.3392225	24.77	1.037	120.2	159.5258496	24.95
119.1	158.1007946	24.74	1.187	115.7	154.2044642	24.93
117.2	155.8318976	24.73	1.136	115.8	154.3086209	24.9
118.5	157.3584661	24.71	1.121	114.2	152.7142528	24.87
114.2	152.7142528	24.67	1	111.8	150.6007104	24.82
108.3	148.0785655	24.62	0.943	106.8	147.1897488	24.78
110.3	149.4409821	24.53	0.771	106.6	147.0796431	24.7
112.5	151.183739	24.46	0.751	107.2	147.415851	24.64
106.8	147.1897488	24.41	0.829	105	146.2685776	24.61
103.3	145.540202	24.36	0.668	97.8	144.0902707	24.59
105.8	146.658692	24.29	0.79	100	144.5069269	24.53
100	144.5069269	24.26	0.615	97.8	144.0902707	24.51
112.6	151.2692438	24.2	0.486	103.6	145.6589028	24.47
123.6	164.489319	24.14	0.575	117.7	156.4059988	24.43
128.2	172.724134	24.09	0.515	121.6	161.4641376	24.39
127.4	171.1531239	24.05	0.754	123.7	164.6488595	24.35
136.7	190.9470722	24.04	0.74	127.7	171.7349716	24.35
150.5	154.5974305	23.97	0.696	140.5	178.2639076	24.32
150.1	155.335435	23.92	0.761	142.1	173.6334397	24.28
148.2	159.0470698	23.86	0.745	139.8	180.4133026	24.27
141.4	175.6124958	23.83	0.848	134.5	187.5288517	24.24
130.2	176.9345288	23.81	0.901	125.4	167.4881453	24.22
125.1	166.9692794	23.79	0.809	118.8	157.7265948	24.18
116.3	154.8386144	23.78	0.832	112	150.7645356	24.15
117.9	156.6401729	23.77	0.852	112.5	151.183739	24.14
113.1	151.7051686	23.76	0.965	106	146.7610226	24.14
104.7	146.1301527	23.77	1.023	99.2	144.3305061	24.13
103.8	145.7403654	23.71	0.82	98.6	144.2169051	24.06
109.8	149.0809751	23.64	0.87	102.8	145.3516416	24
120.6	160.0651457	23.58	0.735	110.8	149.8141685	23.92
126	168.5495467	23.53	0.699	114.6	153.0985737	23.86
130.6	177.8276612	23.48	0.688	119.6	158.7381263	23.83
137.4	188.4136263	23.46	0.661	125.2	167.1413681	23.81
138.4	184.9559525	23.44	0.638	125.2	167.1413681	23.81
145.5	164.9592071	23.43	0.639	132.7	182.8176355	23.82
147.3	160.9305691	23.43	0.648	135.4	190.048269	23.82
149.3	156.8559046	23.44	0.715	138.6	184.28627	23.82
154.1	148.5743588	23.47	0.734	144.9	166.3842917	23.83
153.9	148.8813884	23.51	0.691	144.9	166.3842917	23.85
152.2	151.6188155	23.55	0.736	146.8	162.0137796	23.88
152.5	151.1187431	23.57	0.663	145.1	165.9045121	23.9
160.9	139.8069561	23.58	0.64	150.4	154.7805667	23.89
167	134.3026158	23.59	0.555	156.9	144.586539	23.91
168.3	133.3770516	23.57	0.388	158.8	142.1896378	23.89
207.2	138.6639767	23.48	0.292	207.2	138.6639767	23.79
242.3	170.2024087	23.43	0.351	240.7	173.3294827	23.74
255.2	152.5255981	23.34	0.393	246.1	163.7036852	23.66
265.9	145.540202	23.26	0.391	247.3	161.8982783	23.58
273.5	143.8921176	23.2	0.375	248.7	159.929249	23.52
286.8	147.1897488	23.14	0.291	261	148.0158154	23.47

1.306	130.4	177.3788901	166.460061	Yes
1.259	127.8	171.9308504	164.8626774	Yes
1.379	125.4	167.4881453	160.5878232	Yes
1.286	124.1	165.2951784	160.5396749	Yes
1.3	123.7	164.6488595	160.3722588	Yes
1.156	122	162.0444998	155.5188468	Yes
1.067	117.6	156.2898875	156.9780941	Yes
0.9	118.7	157.6032138	159.204804	Yes
0.896	118.5	157.3584661	156.6132044	Yes
0.947	116.2	154.7313813	154.9850521	Yes
0.82	112.5	151.183739	152.7845166	Yes
0.879	112.9	151.5291125	152.3564206	Yes
0.765	112.8	151.441929	149.8130488	Yes
0.665	117.6	156.2898875	155.6525891	Yes
0.779	127	170.3906689	163.0616986	Yes
0.755	128.6	173.5332689	166.6806934	Yes
0.921	131.2	179.2008824	167.9011842	Yes
0.985	136.1	192.0882584	177.0337015	Yes
0.999	143.5	169.8808638	155.5397602	Yes
1.103	144.7	166.8688935	154.8607748	Yes
1.092	143.2	170.6627261	159.5672137	Yes
1.133	140.9	177.070287	169.9830442	Yes
1.166	135.3	189.7626755	171.1516771	Yes
1.05	130.1	176.7139881	164.182064	Yes
1.098	125.1	166.9692794	159.6178712	Yes
1.096	125.1	166.9692794	160.2838571	Yes
1.21	118.8	157.7265948	158.4849012	Yes
1.208	114	152.5255981	153.9730158	Yes
1.11	113.9	152.4321413	149.9669028	Yes
1.145	116.7	155.273777	156.7760821	Yes
0.994	121.8	161.7528127	159.2213774	Yes
0.978	126.1	168.7295603	163.2728538	Yes
1.026	129.4	175.2003149	167.4284777	Yes
0.979	132.8	183.0684457	173.073515	Yes
0.939	133.7	185.382728	173.5507352	Yes
0.936	140.4	178.5661959	165.9158974	Yes
0.985	141.6	175.0397923	164.0192243	Yes
1.061	144.4	167.6049563	158.8728272	Yes
1.008	148.3	158.8429179	150.6204795	Yes
1.018	149	157.4417417	149.3026263	Yes
1.074	148.3	158.8429179	148.9435387	Yes
0.94	150.1	155.335435	149.5506184	Yes
0.873	153.9	148.8813884	141.8712465	Yes
0.797	162.2	138.4636301	136.025035	Yes
0.585	173.6	130.4120364	133.6461077	Yes
0.537	207.6	139.0715101	149.7781264	Yes
0.532	239.1	176.7139881	163.5175442	Yes
0.561	238	179.2008824	158.5591976	Yes
0.524	229.3	180.1014276	158.9912859	Yes
0.482	227	173.356455	155.2687432	Yes
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9/9/2019	23:41	22.15	0.186
9/9/2019	23:42	22.14	0.183
9/9/2019	23:43	22.1	0.217
9/9/2019	23:44	22.1	0.222
9/9/2019	23:45	22.08	0.258
9/9/2019	23:46	22.05	0.236
9/9/2019	23:47	22.06	0.273
9/9/2019	23:48	22.07	0.212
9/9/2019	23:49	22.06	0.17
9/9/2019	23:50	22.06	0.145
9/9/2019	23:51	22.07	0.181
9/9/2019	23:52	22.09	0.157
9/9/2019	23:53	22.1	0.171
9/9/2019	23:54	22.11	0.192
9/9/2019	23:55	22.12	0.151
9/9/2019	23:56	22.12	0.164
9/9/2019	23:57	22.12	0.178
9/9/2019	23:58	22.13	0.184
9/9/2019	23:59	22.14	0.199
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9/10/2019	00:01	22.16	0.163
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9/10/2019	00:20	21.55	0.159
9/10/2019	00:21	21.59	0.222
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9/10/2019	00:23	21.64	0.162

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4.654	128.0160569	22.41	0.099
9.32	128.4516149	22.35	0.106
39.09	155.3168066	22.3	0.053
141.3	175.9010607	22.26	0.124
138	186.3168781	22.25	0.144
127.4	171.1531239	22.26	0.17
117.8	156.5227599	22.28	0.172
97.9	144.1045518	22.3	0.22
78.36	149.8445974	22.31	0.227
67	162.3392225	22.3	0.253
67.08	162.2209676	22.32	0.275
69.33	159.0894784	22.34	0.308
69.91	158.3409569	22.33	0.328
68.58	160.0924113	22.38	0.337
67.75	161.249594	22.42	0.276
77.83	150.2558768	22.4	0.212
79.97	148.6864527	22.4	0.188
75.83	151.9464353	22.41	0.238
102	145.0738969	22.42	0.217
119.9	159.1288318	22.42	0.238
115.2	153.6927882	22.42	0.235
126.1	168.7295603	22.41	0.197
124.8	166.4581678	22.39	0.214
122.9	163.3950032	22.38	0.237
132.8	183.0684457	22.37	0.253
140.3	178.8700569	22.37	0.269
136.2	192.385621	22.38	0.249
137.8	187.0083138	22.39	0.217
158	143.1699306	22.39	0.203
146.7	162.2336611	22.39	0.152
147.4	160.717127	22.39	0.151
245.4	164.8092124	22.37	0.12
285.7	146.6082498	22.27	0.128
318.9	183.2949574	22.15	0.144
315.9	192.5757179	22.08	0.068
272.1	144.0026586	22.01	0.069
286.1	146.8129126	21.94	0.056
337.2	144.1921397	21.88	0.049
353.4	130.5013785	21.83	0.058
52.57	191.2057471	21.78	0.081
35.79	149.6467387	21.73	0.111
66.84	162.5772022	21.69	0.147
82.5	147.1344513	21.67	0.147
114.7	153.1961245	21.67	0.136
101.2	144.8253918	21.69	0.112
102.8	145.3516416	21.72	0.154
79.74	148.8436219	21.76	0.177
83	146.8652868	21.82	0.246
90.4	144.2529947	21.87	0.244
71.67	156.2089951	21.89	0.192

311.7	192.5757179	22.71	0.259
329.6	156.2786798	22.63	0.138
330.3	154.96461	22.58	0.074
28.17	139.6682076	22.53	0.082
128.7	173.7380647	22.5	0.226
127.4	171.1531239	22.51	0.257
111.2	150.1223115	22.53	0.266
105.8	146.658692	22.54	0.242
82.9	146.9181461	22.55	0.207
56.62	182.5183016	22.56	0.26
48.96	179.0531325	22.55	0.282
49.08	179.4210017	22.57	0.326
46.08	170.8732327	22.59	0.429
48.07	176.3950397	22.62	0.428
48.9	178.8700569	22.67	0.405
44.88	167.8031164	22.7	0.401
47.9	175.9010607	22.71	0.32
50.2	182.967997	22.72	0.279
56.42	183.018184	22.73	0.294
82.5	147.1344513	22.74	0.233
99.4	144.3719327	22.73	0.302
95.6	143.8875148	22.71	0.26
105.7	146.6082498	22.68	0.27
103.8	145.7403654	22.65	0.284
103.9	145.7817973	22.63	0.313
111.2	150.1223115	22.62	0.325
123.7	164.6488595	22.63	0.353
117.5	156.1744239	22.64	0.294
124.8	166.4581678	22.66	0.281
140.6	177.9631823	22.68	0.286
135	188.9144624	22.7	0.263
135.2	189.4785153	22.71	0.231
212.5	144.8528837	22.69	0.164
270.2	144.2908609	22.56	0.268
295.5	153.9979779	22.41	0.224
308.7	173.7380647	22.33	0.076
247.5	161.6081001	22.26	0.111
266.4	145.3516416	22.18	0.052
315.2	192.5757179	22.12	0.062
328.3	158.8429179	22.05	0.061
15.61	130.4164629	22	0.067
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34.35	147.4500977	21.91	0.151
57.41	180.5915164	21.9	0.156
97.3	144.0254863	21.91	0.136
85.5	145.6994008	21.93	0.143
85.8	145.579304	21.96	0.183
61.59	171.5595082	22	0.202
65.6	164.489319	22.04	0.263
74.49	153.2059121	22.09	0.263
52.62	191.3911196	22.11	0.251

302.9	163.3950032	23.08	0.214	266.2	145.4256783	23.4
296.3	154.8386144	23.01	0.148	242.7	169.4586546	23.32
261.4	147.7698413	22.96	0.164	202.1	134.2285045	23.28
109.9	149.1519294	22.92	0.151	145	166.1438025	23.24
140.5	178.2639076	22.9	0.346	142.7	171.9924951	23.24
141.4	175.6124958	22.91	0.323	134.8	188.3560461	23.26
129.9	176.2761595	22.92	0.345	127.3	170.9610894	23.28
126.4	169.2750169	22.92	0.331	123.9	164.9703808	23.29
97.7	144.0764313	22.91	0.318	104.3	145.9522103	23.28
64.27	166.6787038	22.89	0.291	77.03	150.9055146	23.26
58.1	178.969176	22.86	0.314	71.61	156.278312	23.22
52.18	189.7770072	22.87	0.357	61.13	172.4645926	23.2
44.5	166.8688935	22.87	0.442	50.72	184.6872262	23.17
45.17	168.5281549	22.89	0.443	49.8	181.6772422	23.16
44.63	167.1864961	22.92	0.416	48.57	177.873268	23.15
39.82	156.7011412	22.95	0.414	46.4	171.7238383	23.18
44.83	167.6791732	22.98	0.379	53.4	191.2051427	23.22
50.77	184.8550463	23.01	0.315	62.82	169.238399	23.25
62.39	170.0337723	23.03	0.357	74.75	152.9533531	23.27
89.7	144.3933148	23.04	0.38	95.8	143.897159	23.29
114	152.5255981	23.02	0.418	109	148.5320061	23.32
106.7	147.1344513	23	0.386	103.8	145.7403654	23.34
115.1	153.5922617	22.97	0.346	110.2	149.3679312	23.35
113.3	151.8834871	22.95	0.394	111.3	150.2006904	23.35
117.7	156.4059988	22.95	0.393	115.2	153.6927882	23.37
123.1	163.7036852	22.96	0.393	123.6	164.489319	23.4
138.3	185.293471	23	0.349	138.8	183.6236488	23.45
133.7	185.382728	23.05	0.302	138.6	184.28627	23.49
143	171.1905949	23.09	0.311	148.3	158.8429179	23.52
156.3	145.3938588	23.11	0.328	157	144.4543929	23.55
155.7	146.2263702	23.14	0.334	150.6	154.4151969	23.57
152.4	151.2846063	23.15	0.311	151.3	153.1644801	23.59
213.4	146.0858429	23.13	0.165	179.9	128.4479207	23.55
278.4	144.18259	22.96	0.23	269.9	144.3509966	23.35
304	165.1323684	22.77	0.242	288.6	148.2698482	23.15
302.7	163.0894665	22.69	0.094	277.2	144.0138522	23.06
262.8	146.9714914	22.62	0.098	251.1	156.8769637	22.96
285.4	146.4598058	22.53	0.093	274.2	143.869106	22.87
327.2	161.1450705	22.46	0.066	278.5	144.1995259	22.8
326.9	161.7949854	22.4	0.054	289.7	149.010542	22.74
11.55	128.9636085	22.34	0.066	52.92	192.5140383	22.7
42.53	162.2998385	22.31	0.047	203.2	135.0709716	22.67
24.72	136.3360093	22.28	0.098	69.09	159.4060774	22.65
60.7	173.3294827	22.26	0.138	88.7	144.6317408	22.65
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101.7	144.9772949	22.26	0.17	110.1	149.2954063	22.65
94.4	143.8664765	22.28	0.252	93.6	143.8875148	22.65
68.2	160.6159553	22.31	0.237	81.8	147.531862	22.64
72.82	154.924848	22.34	0.331	85.1	145.8660653	22.65
78.81	149.5071785	22.38	0.357	84.1	146.3156694	22.68
57.08	181.3872153	22.4	0.29	68.11	160.7414917	22.68

0.287	232.7	191.6887683	166.370034	Yes
0.288	195.4	130.3244035	147.7832818	Yes
0.409	176.4	129.3383252	138.9505792	Yes
0.418	160.2	140.5713153	150.1704123	Yes
0.629	151.8	152.2972712	170.4385599	Yes
0.637	147.1	161.3606366	176.5598361	Yes
0.639	144.3	167.8527808	167.273093	Yes
0.66	141.3	175.9010607	162.6655821	Yes
0.55	130.4	177.3788901	151.6860459	Yes
0.444	118.2	156.9963458	161.3886927	Yes
0.385	109	148.5320061	165.0343698	Yes
0.437	89.5	144.4374183	169.6641975	Yes
0.475	71.52	156.3827246	167.5803111	Yes
0.483	64.36	166.5258715	170.293453	Yes
0.479	63.25	168.4598762	170.4964217	Yes
0.48	65.87	164.0625911	164.3080562	Yes
0.457	73.43	154.2773098	167.8637126	Yes
0.366	88.3	144.7396894	166.0975169	Yes
0.393	102.6	145.2794496	160.6462389	Yes
0.503	121.8	161.7528127	148.4503269	Yes
0.607	130.9	178.509184	156.6135105	Yes
0.609	127.1	170.5798662	152.2069972	Yes
0.572	134.2	186.7139875	161.0023981	Yes
0.561	132.1	181.3386201	159.1242662	Yes
0.486	140.9	177.070287	159.2691749	Yes
0.474	146.5	162.6767095	164.8120942	Yes
0.559	149.2	157.0502204	173.8972513	Yes
0.509	155.1	147.0846926	173.0627471	Yes
0.522	156.3	145.3938588	165.7787706	Yes
0.551	161.1	139.5939084	150.1150546	Yes
0.564	162.6	138.0697036	157.9718788	Yes
0.553	160.2	140.5713153	159.0432088	Yes
0.273	185.6	128.0355004	142.446272	Yes
0.294	274.2	143.869106	144.6603607	Yes
0.186	268.2	144.7678047	159.0925913	Yes
0.121	257.8	150.2796092	164.7393421	Yes
0.175	262.5	147.1344513	151.318733	Yes
0.086	249.2	159.2604663	148.3507865	Yes
0.109	243.1	168.7295603	162.1684028	Yes
0.101	218.8	154.7805667	150.9860781	Yes
0.128	164	136.7605319	155.9720777	Yes
0.197	149.6	156.2786798	146.276783	Yes
0.195	128.4	173.1267013	155.7792176	Yes
0.286	122.2	162.3392225	161.6052827	Yes
0.264	127.9	172.1277015	153.9975704	Yes
0.221	120.2	159.5258496	148.8646687	Yes
0.335	111.5	150.3590693	145.8088012	Yes
0.312	110.7	149.7384694	155.6578834	Yes
0.411	111	149.967168	152.4225374	Yes
0.481	111.4	150.2796092	148.7122728	Yes
0.339	97.3	144.0254863	166.7508616	Yes

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9/10/2019	00:31	21.49	0.128
9/10/2019	00:32	21.43	0.142
9/10/2019	00:33	21.4	0.113
9/10/2019	00:34	21.36	0.125
9/10/2019	00:35	21.33	0.168
9/10/2019	00:36	21.3	0.222
9/10/2019	00:37	21.26	0.188
9/10/2019	00:38	21.23	0.082
9/10/2019	00:39	21.21	0.174
9/10/2019	00:40	21.21	0.183
9/10/2019	00:41	21.2	0.233
9/10/2019	00:42	21.18	0.196
9/10/2019	00:43	21.16	0.222
9/10/2019	00:44	21.14	0.189
9/10/2019	00:45	21.13	0.164
9/10/2019	00:46	21.11	0.129
9/10/2019	00:47	21.11	0.152
9/10/2019	00:48	21.1	0.102
9/10/2019	00:49	21.1	0.149
9/10/2019	00:50	21.1	0.162
9/10/2019	00:51	21.09	0.157
9/10/2019	00:52	21.07	0.209
9/10/2019	00:53	21.06	0.2
9/10/2019	00:54	21.05	0.215
9/10/2019	00:55	21.03	0.234
9/10/2019	00:56	21.02	0.159
9/10/2019	00:57	21.01	0.156
9/10/2019	00:58	21	0.175
9/10/2019	00:59	20.99	0.198
9/10/2019	01:00	20.98	0.227
9/10/2019	01:01	20.97	0.195
9/10/2019	01:02	20.96	0.222
9/10/2019	01:03	20.95	0.226
9/10/2019	01:04	20.94	0.217
9/10/2019	01:05	20.92	0.231
9/10/2019	01:06	20.9	0.233
9/10/2019	01:07	20.88	0.242
9/10/2019	01:08	20.86	0.252
9/10/2019	01:09	20.85	0.253
9/10/2019	01:10	20.85	0.268
9/10/2019	01:11	20.85	0.191
9/10/2019	01:12	20.85	0.138
9/10/2019	01:13	20.85	0.163
9/10/2019	01:14	20.85	0.194

67.3	161.8982783	21.91	0.178
81.3	147.8305829	21.9	0.164
83.8	146.4598058	21.9	0.156
58.22	178.6926355	21.89	0.105
348.9	132.977145	21.87	0.065
335.3	146.7956779	21.83	0.058
345.7	135.3112579	21.79	0.105
314.5	192.5757179	21.73	0.157
320.7	177.6640101	21.66	0.195
332.1	151.7871691	21.62	0.132
338.1	143.0451277	21.56	0.148
14.41	129.915603	21.52	0.203
32.92	145.4211999	21.49	0.248
30.92	142.8221248	21.45	0.225
30.19	141.9391008	21.41	0.095
71.37	156.5579152	21.38	0.165
86.3	145.3884291	21.38	0.191
62.41	169.9963998	21.37	0.256
35.1	148.5743588	21.34	0.243
30.67	142.5158784	21.31	0.26
41.08	159.2111192	21.27	0.242
39.51	156.1071727	21.24	0.205
50.08	182.5779136	21.21	0.164
61.33	172.0685438	21.19	0.179
76.27	151.5553772	21.18	0.126
68.25	160.5464685	21.19	0.164
64	167.1413681	21.19	0.173
49.75	181.5177974	21.18	0.193
47.5	174.7556358	21.16	0.266
46.83	172.8888094	21.14	0.253
53.58	190.681661	21.11	0.237
46.92	173.1358818	21.09	0.282
55.17	186.2576265	21.08	0.211
53.66	190.4505238	21.06	0.206
45.08	168.3020117	21.05	0.223
48.34	177.1885413	21.03	0.242
47.33	174.2758967	21.01	0.289
41.83	160.7810488	21	0.268
37.58	152.6069947	20.98	0.259
35.08	148.5438249	20.97	0.266
24.16	135.8560614	20.95	0.262
6	128.0542255	20.92	0.268
356.3	129.3710598	20.9	0.257
338.7	142.3099249	20.87	0.262
339.5	141.3652945	20.85	0.274
349.7	132.4701664	20.85	0.284
356.5	129.3060009	20.84	0.299
351.9	131.2265166	20.85	0.239
353.4	130.5013785	20.85	0.17
358.9	128.6521114	20.85	0.201
3.745	128.0302548	20.84	0.225

50.94	185.4289819	22.12	0.21
62.89	169.110523	22.12	0.202
68.54	160.147029	22.11	0.176
51.31	186.6962522	22.1	0.133
350.8	131.8211113	22.08	0.071
335.3	146.7956779	22.05	0.057
328.9	157.6389568	22.01	0.091
296.4	154.9464686	21.96	0.161
299.6	158.7381263	21.9	0.204
307.6	171.5400605	21.87	0.195
314.1	192.5757179	21.83	0.255
343.2	137.4955162	21.82	0.269
1.4	128.2159189	21.8	0.293
5.533	128.0329746	21.78	0.279
19.26	132.323846	21.75	0.132
47.33	174.2758967	21.72	0.199
60.69	173.349816	21.7	0.189
33.47	146.1841369	21.69	0.312
7.542	128.1849475	21.67	0.281
5.5	128.031795	21.63	0.319
14.12	129.8036653	21.61	0.295
15.22	130.2469905	21.58	0.251
26.55	138.0210928	21.55	0.2
37.43	152.3487001	21.52	0.222
47.06	173.5224762	21.5	0.176
42.08	161.3174379	21.5	0.192
35.57	149.3007899	21.49	0.196
22.38	134.4372553	21.48	0.204
20.78	133.2957079	21.47	0.292
19.52	132.4824793	21.46	0.267
24.26	135.9405667	21.43	0.249
23.75	135.514993	21.42	0.334
28.98	140.5490688	21.41	0.278
25.13	136.6978598	21.4	0.26
19.33	132.3662495	21.39	0.262
23.85	135.5973825	21.38	0.265
21.03	133.4659472	21.38	0.309
17.03	131.0887586	21.38	0.29
8.3	128.2833916	21.39	0.285
6.998	128.128203	21.38	0.336
356.9	129.1807975	21.37	0.302
342.1	138.5635199	21.33	0.324
331.8	152.2972712	21.27	0.334
316.5	191.6887683	21.23	0.381
316.6	191.31691	21.18	0.42
327.2	161.1450705	21.16	0.419
331	153.695204	21.16	0.4
328	159.4584123	21.17	0.335
328.7	158.0363201	21.17	0.279
336.1	145.6685335	21.17	0.26
339.8	141.0213439	21.18	0.284

60.53	173.6765197	22.38	0.246	78.92	149.4263297	22.67
69.42	158.971796	22.38	0.259	86.4	145.3516416	22.68
75.37	152.3670657	22.38	0.276	88.2	144.7678047	22.69
67	162.3392225	22.36	0.217	85.4	145.7403654	22.68
37.81	153.0067934	22.33	0.14	75.89	151.8924626	22.66
25.75	137.2621098	22.3	0.11	74.14	153.5522188	22.62
356.1	129.4377621	22.27	0.085	54.67	187.6110129	22.59
308.8	173.943875	22.22	0.098	317	189.8495428	22.54
312.4	192.5757179	22.17	0.135	306.9	170.2024087	22.5
309	174.3585583	22.13	0.173	315.4	192.5757179	22.43
320.3	178.8700569	22.09	0.202	313.9	192.5757179	22.36
349.4	132.6567999	22.07	0.179	346.8	134.4523139	22.31
6.149	128.0627977	22.05	0.217	8.18	128.2663007	22.26
10.13	128.6145881	22.03	0.224	17.9	131.5441627	22.22
28.56	140.0874488	22	0.229	38.08	153.4819687	22.18
55.64	185.015886	21.96	0.276	45.98	170.6102324	22.15
59.6	175.6274687	21.94	0.262	38.94	155.0384822	22.12
26.05	137.5426072	21.93	0.403	10.9	128.7937914	22.13
7.463	128.1759866	21.89	0.406	358.2	128.8188092	22.1
10.53	128.7047171	21.86	0.44	6.149	128.0627977	22.09
18.88	132.0975649	21.84	0.404	11.6	128.9773778	22.07
22	134.1548834	21.81	0.36	12.96	129.3908977	22.03
36.67	151.0691447	21.77	0.334	25.62	137.1420821	21.99
48.78	178.5056127	21.74	0.372	35.82	149.694209	22
56.67	182.3941042	21.75	0.307	39	155.1495646	22.04
48.67	178.1735263	21.75	0.307	25.78	137.2899388	22.07
40.84	158.72091	21.76	0.321	20.67	133.221743	22.09
28.38	139.8928351	21.76	0.331	12.82	129.3448392	22.11
23.13	135.0155597	21.76	0.407	9.83	128.5511834	22.12
22.27	134.354786	21.75	0.42	8.98	128.3909695	22.12
25.78	137.2899388	21.73	0.442	11.13	128.8519338	22.11
26.08	137.5709276	21.73	0.464	14.1	129.7960751	22.1
30.53	142.3461354	21.73	0.407	16.5	130.8276183	22.1
30.97	142.8838588	21.73	0.399	15.67	130.4431114	22.09
25.48	137.013844	21.73	0.372	16.93	131.0385485	22.09
27.15	138.6136773	21.74	0.375	18.52	131.8892487	22.09
24.75	136.3621846	21.74	0.354	21.31	133.6601575	22.09
20.02	132.7963156	21.75	0.341	18.61	131.9407779	22.09
12.12	129.1265869	21.76	0.361	10.63	128.7282498	22.1
9.9	128.565657	21.76	0.434	3.083	128.0608835	22.08
351.6	131.3833467	21.75	0.411	352.7	130.8276183	22.06
340.9	139.8069561	21.72	0.419	343.4	137.3085186	22.02
330.8	154.0534207	21.66	0.441	330.9	153.8738695	21.98
316.4	192.0626612	21.58	0.482	317.5	188.0594614	21.91
316.1	192.5757179	21.51	0.514	315.5	192.5757179	21.82
324.6	167.1130196	21.48	0.553	321.6	175.0397923	21.8
327.6	160.2933984	21.5	0.564	324.5	167.3583715	21.87
324	168.6037636	21.56	0.501	323.4	170.1401693	21.97
325.5	164.9592071	21.55	0.385	323.5	169.8808638	22
330.7	154.2338617	21.55	0.382	327.6	160.2933984	22.02
333.2	149.9805289	21.56	0.393	331.1	153.51742	22.04

0.416	108.1	147.9535689	163.6767357	Yes
0.442	113.4	151.9734986	154.6476084	Yes
0.41	113.1	151.7051686	151.0893748	Yes
0.338	104.3	145.9522103	163.8841372	Yes
0.247	98.9	144.2717056	142.7938436	Yes
0.215	100.9	144.7396894	145.8290748	Yes
0.178	95.9	143.9026392	150.7803258	Yes
0.068	56.43	182.9930719	178.8617352	Yes
0.045	1.99	128.1489369	165.46584	Yes
0.095	347	134.3026158	164.9128243	Yes
0.108	330.9	153.8738695	172.188098	Yes
0.1	24.79	136.3971588	134.1834784	Yes
0.165	57.43	180.5437087	142.1019852	Yes
0.195	61.47	171.7936334	140.5614967	Yes
0.24	61.5	171.7349716	147.9134672	Yes
0.302	60.78	173.1671774	171.9254215	Yes
0.323	53.62	190.5659759	167.9940344	Yes
0.429	19.82	132.6693902	143.0372651	Yes
0.439	22.51	134.5354895	133.6579183	Yes
0.417	33.93	146.8388436	134.8308064	Yes
0.416	39.6	156.2786798	141.2736814	Yes
0.422	37.22	151.9902994	140.3780488	Yes
0.421	48.46	177.544774	157.2710014	Yes
0.439	58.03	179.1312503	166.3496632	Yes
0.341	52.13	189.5960114	170.4435067	Yes
0.352	49.37	180.3195691	163.5293881	Yes
0.361	48.16	176.6583137	157.008625	Yes
0.347	40.17	157.3827668	148.5150988	Yes
0.413	34.92	148.3006548	143.9837483	Yes
0.413	36.5	150.7894808	143.781305	Yes
0.438	34.53	147.7160604	148.0960321	Yes
0.451	34.98	148.3916147	144.8818985	Yes
0.401	40.43	157.8967964	151.5754491	Yes
0.39	42.8	162.8998881	152.6750484	Yes
0.333	52.59	191.2798355	152.0000979	Yes
0.334	54.97	186.794925	154.0167549	Yes
0.309	57.28	180.9034226	151.7335217	Yes
0.277	61.11	172.5044135	145.8222629	Yes
0.26	53.61	190.5948753	145.8680197	Yes
0.325	32.91	145.4075259	135.7412189	Yes
0.348	21.34	133.6811887	132.1858025	Yes
0.378	8.62	128.3317423	134.4129925	Yes
0.449	354.6	129.9908531	143.9172949	Yes
0.544	336.8	144.7193684	171.7680368	Yes
0.585	333.2	149.9805289	173.5628338	Yes
0.648	337.7	143.5482783	155.8632654	Yes
0.629	345.1	135.8056071	149.2917164	Yes
0.596	342.6	138.0697036	153.4997131	Yes
0.528	345.1	135.8056071	151.8366753	Yes
0.475	350.4	132.0507649	144.179734	Yes
0.543	350.6	131.9350344	140.8969164	Yes

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5.681

9/10/2019	01:15	20.85	0.217
9/10/2019	01:16	20.84	0.251
9/10/2019	01:17	20.83	0.215
9/10/2019	01:18	20.83	0.165
9/10/2019	01:19	20.83	0.098
9/10/2019	01:20	20.82	0.129
9/10/2019	01:21	20.83	0.139
9/10/2019	01:22	20.83	0.12
9/10/2019	01:23	20.83	0.129
9/10/2019	01:24	20.84	0.14
9/10/2019	01:25	20.9	0.193
9/10/2019	01:26	20.94	0.135
9/10/2019	01:27	20.97	0.14
9/10/2019	01:28	21.01	0.105
9/10/2019	01:29	21.04	0.16
9/10/2019	01:30	21.11	0.238
9/10/2019	01:31	21.23	0.288
9/10/2019	01:32	21.29	0.292
9/10/2019	01:33	21.31	0.288
9/10/2019	01:34	21.27	0.305
9/10/2019	01:35	21.23	0.254
9/10/2019	01:36	21.18	0.222
9/10/2019	01:37	21.14	0.242
9/10/2019	01:38	21.11	0.206
9/10/2019	01:39	21.07	0.234
9/10/2019	01:40	21.03	0.261
9/10/2019	01:41	20.99	0.243
9/10/2019	01:42	20.96	0.182
9/10/2019	01:43	20.92	0.077
9/10/2019	01:44	20.9	0.092
9/10/2019	01:45	20.86	0.114
9/10/2019	01:46	20.82	0.114
9/10/2019	01:47	20.79	0.182
9/10/2019	01:48	20.75	0.141
9/10/2019	01:49	20.72	0.217
9/10/2019	01:50	20.69	0.227
9/10/2019	01:51	20.68	0.221
9/10/2019	01:52	20.68	0.212
9/10/2019	01:53	20.7	0.264
9/10/2019	01:54	20.72	0.251
9/10/2019	01:55	20.74	0.21
9/10/2019	01:56	20.77	0.182
9/10/2019	01:57	20.79	0.229
9/10/2019	01:58	20.81	0.246
9/10/2019	01:59	20.84	0.263
9/10/2019	02:00	20.86	0.266
9/10/2019	02:01	20.86	0.34
9/10/2019	02:02	20.85	0.276
9/10/2019	02:03	20.84	0.264
9/10/2019	02:04	20.82	0.216
9/10/2019	02:05	20.81	0.151

11.25	128.8831145	20.83	0.249
26.58	138.0502426	20.82	0.276
26.16	137.6466904	20.82	0.234
11.27	128.8883678	20.81	0.197
22.81	134.7653841	20.8	0.139
52.25	190.031226	20.79	0.154
49	179.1755005	20.79	0.159
30.49	142.2978676	20.79	0.134
47.83	175.6989096	20.79	0.152
61.75	171.2494987	20.8	0.153
72.08	155.7415311	20.89	0.197
65.92	163.9842094	20.93	0.141
74.42	153.2745911	20.96	0.142
83.5	146.6082498	21.02	0.107
77.5	150.5196185	21.06	0.159
93.2	143.9085582	21.16	0.238
89.3	144.4833098	21.33	0.307
96.6	143.9532925	21.47	0.314
89.7	144.3933148	21.54	0.33
136.4	192.0626612	21.52	0.302
125.1	166.9692794	21.45	0.283
123.1	163.7036852	21.39	0.262
122.4	162.6370044	21.33	0.26
103.7	145.6994008	21.29	0.224
142.3	173.0808789	21.24	0.258
130.1	176.7139881	21.2	0.298
132.7	182.8176355	21.15	0.287
139.8	180.4133026	21.11	0.22
148.6	158.2364782	21.07	0.1
303.6	164.489319	21.03	0.053
319	182.967997	20.99	0.088
350.1	132.2277664	20.94	0.105
14.24	129.8495575	20.9	0.185
3.728	128.0308274	20.86	0.164
32.91	145.4075259	20.82	0.242
74.92	152.7903671	20.78	0.217
74.91	152.7999077	20.76	0.216
82.1	147.3585869	20.78	0.211
84.2	146.2685776	20.81	0.252
91.8	144.0375611	20.87	0.256
92.8	143.936624	20.92	0.227
89.8	144.3719327	20.97	0.207
96.9	143.9815923	21.03	0.257
101.7	144.9772949	21.09	0.274
105.1	146.3156694	21.14	0.288
92.5	143.962286	21.18	0.297
84.7	146.0402375	21.2	0.332
77.91	150.1928282	21.18	0.271
83.5	146.6082498	21.16	0.272
89.5	144.4374183	21.12	0.226
95.5	143.8833505	21.09	0.181

342.5	138.1673439	21.2	0.331
357.8	128.9229071	21.23	0.285
357.7	128.9499403	21.24	0.263
347.3	134.0817512	21.26	0.251
354.6	129.9908531	21.28	0.181
15.13	130.2088002	21.28	0.192
15.85	130.5239817	21.28	0.215
3.008	128.0654328	21.29	0.212
16.13	130.6525446	21.29	0.233
29.78	141.457954	21.32	0.224
38.8	154.7805667	21.37	0.277
32.13	144.3622957	21.41	0.206
38.35	153.9635341	21.44	0.206
43.14	163.6670399	21.48	0.155
46.35	171.5900201	21.51	0.188
60.56	173.6150658	21.58	0.237
56.83	181.9987356	21.71	0.32
65.19	165.1486123	21.84	0.345
58.2	178.7386118	21.93	0.395
114.7	153.1961245	21.89	0.293
100.6	144.6580519	21.82	0.302
97.2	144.0138522	21.73	0.304
95.6	143.8875148	21.66	0.275
78.62	149.6483329	21.62	0.284
119.7	158.8676643	21.55	0.246
109	148.5320061	21.47	0.268
115.6	154.1009172	21.4	0.302
117.1	155.7190033	21.35	0.232
129.3	174.9883145	21.3	0.162
298.5	157.3584661	21.26	0.051
300.5	159.929249	21.21	0.062
330.5	154.5974305	21.16	0.099
342	138.6639767	21.11	0.204
338.6	142.43085	21.06	0.228
5.434	128.0295631	21.03	0.27
35.63	149.3947625	21.01	0.278
40.18	157.4024154	21	0.258
48.16	176.6583137	21.03	0.241
53.18	191.8514495	21.08	0.269
61.28	172.1671888	21.15	0.289
62.52	169.791514	21.22	0.263
69.5	158.8676643	21.27	0.21
74.23	153.4624719	21.33	0.261
79.55	148.9755205	21.4	0.272
86.2	145.4256783	21.45	0.297
73.59	154.1112445	21.49	0.311
63.18	168.5854776	21.53	0.372
54.67	187.6110129	21.55	0.332
59.41	176.03719	21.55	0.346
67.45	161.6803624	21.53	0.314
81.8	147.531862	21.5	0.252

337.7	143.5482783	21.59	0.451	337.1	144.3229273	22.07
350	132.2876789	21.67	0.479	343.1	137.5898354	22.12
350.5	131.9926732	21.73	0.394	340.3	140.4603245	22.18
342.9	137.780123	21.77	0.373	336.9	144.586539	22.23
351.9	131.2265166	21.8	0.292	343.1	137.5898354	22.27
7.459	128.1755394	21.81	0.28	350.9	131.7648252	22.26
9.78	128.5409646	21.83	0.266	351.9	131.2265166	22.26
0.35	128.368991	21.85	0.246	346.3	134.8352272	22.27
10.52	128.7023859	21.86	0.263	355.7	129.5761138	22.27
18.47	131.8607792	21.88	0.251	2.943	128.0695532	22.26
23.82	135.5726118	21.92	0.285	13.8	129.6842235	22.29
16.97	131.05858	21.95	0.235	3.316	128.0481521	22.31
22.78	134.742193	21.99	0.206	12.98	129.3975432	22.32
21.35	133.6882088	22.02	0.12	14.13	129.8074667	22.32
25.78	137.2899388	22.03	0.137	18.73	132.0100532	22.31
45	168.1018522	22.07	0.197	49.28	180.0392477	22.33
50.45	183.7886471	22.15	0.278	58.16	178.8307008	22.39
48.01	176.2202005	22.24	0.312	52.56	191.1687332	22.46
45.11	168.3772791	22.32	0.363	49.93	182.0937627	22.51
89.3	144.4833098	22.32	0.332	68.91	159.6461962	22.54
87	145.1405816	22.27	0.379	70.08	158.1259587	22.55
86	145.5015641	22.15	0.38	69.85	158.4173114	22.52
85.9	145.540202	22.1	0.35	69.79	158.4939136	22.5
76.67	151.2093319	22.08	0.311	60.91	172.9047967	22.5
106.8	147.1897488	21.97	0.318	89.9	144.3509966	22.45
98.1	144.1344398	21.87	0.366	84.8	145.9959883	22.41
106.2	146.8652868	21.78	0.353	89.9	144.3509966	22.35
101.1	144.796372	21.73	0.287	85.8	145.579304	22.33
117	155.6067462	21.67	0.203	91	144.1500472	22.3
35.28	148.8505467	21.62	0.118	90.4	144.2529947	22.25
310	176.4945334	21.57	0.041	6.968	128.1254112	22.16
342.1	138.5635199	21.52	0.082	29.39	141.0099742	22.09
339.4	141.481181	21.45	0.187	345.6	135.3923691	22.01
342.6	138.0697036	21.38	0.215	341.6	139.0715101	21.93
8.51	128.3146661	21.34	0.265	10.91	128.7962751	21.88
23.01	134.9211418	21.32	0.304	20.73	133.2620164	21.88
38.43	154.1074593	21.31	0.275	40.31	157.6587319	21.88
49.92	182.0616215	21.36	0.271	58.89	177.1783844	21.9
68.18	160.643801	21.42	0.311	71.65	156.2320749	21.93
72.91	154.8278632	21.5	0.322	74.73	152.9726394	21.96
75.67	152.0913663	21.57	0.295	78.32	149.8751117	21.97
83.9	146.4112828	21.62	0.277	96.9	143.9815923	22
88.2	144.7678047	21.66	0.338	93.6	143.8875148	22.02
91.4	144.0902707	21.7	0.386	98.5	144.1995259	22.05
96.2	143.9217129	21.74	0.418	101.1	144.796372	22.08
89.2	144.5069269	21.78	0.419	94.2	143.869106	22.12
83.5	146.6082498	21.82	0.449	89.3	144.4833098	22.16
79.27	149.1733175	21.87	0.395	86.9	145.1746105	22.19
79.63	148.9197562	21.9	0.399	83.4	146.658692	22.21
81.1	147.9535689	21.9	0.369	92.1	144.0026586	22.22
94.9	143.8675721	21.88	0.369	107.6	147.6498563	22.19

0.486	358.9	128.6521114	136.7147551	Yes
0.508	354.2	130.1542428	133.4009813	Yes
0.485	356.1	129.4377621	133.6974781	Yes
0.43	356.4	129.3383252	134.9350212	Yes
0.377	358.5	128.7449612	132.4635101	Yes
0.292	7.518	128.1821993	141.6725181	Yes
0.301	2.016	128.1462993	139.5226525	Yes
0.282	359	128.6298991	132.4394835	Yes
0.299	6.467	128.0839939	138.5427896	Yes
0.262	14.02	129.7658812	140.4807333	Yes
0.27	31.75	143.8681191	143.9294104	Yes
0.207	24.2	135.8898012	140.6686077	Yes
0.192	36.33	150.512173	144.3780069	Yes
0.102	66.1	163.7036852	147.4949301	Yes
0.099	76.62	151.2520982	148.5323458	Yes
0.177	78.09	150.0522309	163.143391	Yes
0.26	83.6	146.5582885	167.1319364	Yes
0.271	79.16	149.2521433	165.1485963	Yes
0.295	71.24	156.7109346	166.0627806	Yes
0.334	87.2	145.0738969	158.8924377	Yes
0.334	83.3	146.709616	152.3206975	Yes
0.311	86.3	145.3884291	151.4049684	Yes
0.298	88.9	144.580468	151.0278206	Yes
0.243	93.5	143.8921176	152.670796	Yes
0.295	82.3	147.2455367	154.1469651	Yes
0.298	91.1	144.1344398	151.9021724	Yes
0.311	90.6	144.2169051	154.4703482	Yes
0.259	100.6	144.6580519	154.2332068	Yes
0.185	101.3	144.8548646	155.5672901	Yes
0.187	100.3	144.580468	151.9063589	Yes
0.179	102.8	145.3516416	158.5737664	Yes
0.185	102.4	145.2090977	142.3215577	Yes
0.135	49.29	180.0703296	145.0914828	Yes
0.145	25.12	136.688928	136.8583638	Yes
0.211	70.72	157.3341385	137.5764337	Yes
0.311	69.04	159.4725467	145.9681669	Yes
0.293	81.5	147.7095994	153.9356228	Yes
0.292	92.4	143.9717192	165.4457251	Yes
0.33	100.3	144.580468	159.9152742	Yes
0.368	104.4	145.9959883	154.0002481	Yes
0.329	108.3	148.0785655	152.7546363	Yes
0.377	119.2	158.226888	150.371872	Yes
0.412	115.8	154.3086209	148.0816009	Yes
0.493	119.9	159.1288318	148.2742888	Yes
0.548	119.1	158.1007946	147.7120454	Yes
0.539	116.4	154.9464686	148.2792064	Yes
0.542	111.6	150.439072	151.2312693	Yes
0.462	107.6	147.6498563	155.9603251	Yes
0.45	103.9	145.7817973	152.801137	Yes
0.481	111.5	150.3590693	149.6866155	Yes
0.493	120.3	159.6596036	148.5184489	Yes

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9/10/2019	02:06	20.79	0.075
9/10/2019	02:07	20.77	0.06
9/10/2019	02:08	20.75	0.099
9/10/2019	02:09	20.75	0.122
9/10/2019	02:10	20.76	0.176
9/10/2019	02:11	20.78	0.173
9/10/2019	02:12	20.78	0.113
9/10/2019	02:13	20.76	0.147
9/10/2019	02:14	20.73	0.216
9/10/2019	02:15	20.69	0.241
9/10/2019	02:16	20.66	0.212
9/10/2019	02:17	20.62	0.117
9/10/2019	02:18	20.58	0.155
9/10/2019	02:19	20.56	0.219
9/10/2019	02:20	20.56	0.249
9/10/2019	02:21	20.54	0.202
9/10/2019	02:22	20.53	0.246
9/10/2019	02:23	20.51	0.231
9/10/2019	02:24	20.5	0.289
9/10/2019	02:25	20.5	0.271
9/10/2019	02:26	20.48	0.255
9/10/2019	02:27	20.48	0.318
9/10/2019	02:28	20.5	0.281
9/10/2019	02:29	20.48	0.272
9/10/2019	02:30	20.45	0.294
9/10/2019	02:31	20.42	0.262
9/10/2019	02:32	20.39	0.232
9/10/2019	02:33	20.37	0.246
9/10/2019	02:34	20.35	0.233
9/10/2019	02:35	20.33	0.258
9/10/2019	02:36	20.32	0.225
9/10/2019	02:37	20.31	0.253
9/10/2019	02:38	20.31	0.242
9/10/2019	02:39	20.31	0.178
9/10/2019	02:40	20.31	0.309
9/10/2019	02:41	20.29	0.337
9/10/2019	02:42	20.27	0.293
9/10/2019	02:43	20.25	0.3
9/10/2019	02:44	20.23	0.258
9/10/2019	02:45	20.2	0.173
9/10/2019	02:46	20.18	0.152
9/10/2019	02:47	20.16	0.073
9/10/2019	02:48	20.15	0.124
9/10/2019	02:49	20.13	0.125
9/10/2019	02:50	20.11	0.233
9/10/2019	02:51	20.12	0.351
9/10/2019	02:52	20.09	0.314
9/10/2019	02:53	20.07	0.327
9/10/2019	02:54	20.05	0.361
9/10/2019	02:55	20.03	0.359
9/10/2019	02:56	20.02	0.249

129.2	174.7773583	21.08	0.108
147.4	160.717127	21.04	0.09
145.2	165.6664139	21.01	0.131
134.3	186.9842516	21	0.151
114.3	152.8094541	21	0.185
100.3	144.580468	21.02	0.179
81.9	147.4736091	21.03	0.125
52.14	189.6321714	21.02	0.133
24.43	136.0854194	20.99	0.205
358.3	128.7937914	20.95	0.253
5.409	128.0287621	20.91	0.226
350.6	131.9350344	20.87	0.122
322.5	172.5339195	20.81	0.136
348.5	133.2418584	20.78	0.217
351.9	131.2265166	20.75	0.263
328.8	157.837148	20.73	0.24
349.3	132.7199372	20.71	0.281
334.4	148.1195561	20.7	0.26
331.4	152.989316	20.69	0.306
324.8	166.6259865	20.71	0.295
318.8	183.6236488	20.69	0.264
330.7	154.2338617	20.68	0.352
0.687	128.3151255	20.72	0.33
35.02	148.452407	20.7	0.291
12.17	129.141513	20.66	0.326
27.09	138.5535054	20.61	0.282
11.33	128.9042243	20.57	0.256
20.31	132.9836711	20.53	0.277
35.56	149.2851552	20.5	0.278
32.58	144.9601916	20.46	0.291
38.67	154.5426658	20.44	0.263
53.16	191.9105619	20.43	0.298
39.42	155.9364261	20.42	0.297
12.61	129.2772595	20.41	0.22
267.9	144.8548646	20.39	0.266
257	150.9305587	20.37	0.281
247.4	161.7528127	20.35	0.246
265.3	145.7817973	20.32	0.255
267.8	144.8847909	20.29	0.217
261.9	147.4736091	20.26	0.174
271.4	144.0902707	20.23	0.142
212.6	144.9870876	20.2	0.069
321.5	175.3254093	20.19	0.076
152.9	150.4634796	20.17	0.084
121.2	160.8957315	20.15	0.153
119.7	158.8676643	20.16	0.298
110.6	149.6633025	20.17	0.34
107.6	147.6498563	20.17	0.338
103.5	145.6188708	20.15	0.385
104.7	146.1301527	20.15	0.373
112	150.7645356	20.12	0.281

107.5	147.5906108	21.47	0.197
125.1	166.9692794	21.42	0.165
129	174.3585583	21.38	0.207
123.2	163.8592137	21.35	0.217
102.5	145.2440439	21.32	0.244
92	144.0138522	21.31	0.234
77.44	150.5682082	21.3	0.163
41.46	159.9992729	21.28	0.137
7.275	128.1556469	21.26	0.178
341.3	139.3832047	21.23	0.21
343.9	136.8505178	21.2	0.228
337.8	143.4215034	21.16	0.164
318.8	183.6236488	21.12	0.149
333.3	149.8211447	21.09	0.19
329.9	155.7099409	21.09	0.208
316.7	190.9470722	21.12	0.293
323.7	169.3661605	21.14	0.301
319.9	180.1014276	21.17	0.288
314.7	192.5757179	21.21	0.31
311.5	179.9029136	21.27	0.382
308.2	172.724134	21.28	0.375
312.6	192.5757179	21.3	0.399
329.1	157.2454979	21.4	0.407
350.2	132.1683105	21.36	0.393
344.3	136.4937737	21.27	0.422
349.4	132.6567999	21.22	0.406
344.9	135.9745142	21.18	0.356
351.6	131.3833467	21.17	0.353
1.997	128.1482242	21.12	0.345
1.433	128.2118116	21.08	0.349
10.1	128.6080861	21.06	0.301
23.35	135.1905447	21.07	0.337
7.184	128.1462993	21.06	0.339
352	131.1751217	21.04	0.299
246.8	162.6370044	21	0.287
232.3	190.2134023	20.92	0.33
221.6	160.2933984	20.84	0.335
241.4	171.9308504	20.75	0.367
243	168.9104738	20.66	0.306
239.7	175.4133646	20.58	0.275
244.2	166.7980522	20.52	0.213
204.8	136.4059155	20.47	0.104
275.6	143.8875148	20.43	0.108
149.7	156.0881634	20.4	0.063
106.6	147.0796431	20.38	0.088
99.6	144.4151432	20.38	0.209
90	144.3305061	20.38	0.295
83.5	146.6082498	20.38	0.403
79.28	149.1661829	20.38	0.487
84	146.3632375	20.38	0.425
87.5	144.9772949	20.36	0.374

115.6	154.1009172	21.84	0.301	121.5	161.3209223	22.15
122.7	163.0894665	21.78	0.263	125.4	167.4881453	22.07
126	168.5495467	21.73	0.303	130.7	178.0537144	22.02
122.8	163.2418433	21.68	0.305	129.4	175.2003149	21.97
112.1	150.8472717	21.65	0.323	121.6	161.4641376	21.94
105.6	146.5582885	21.62	0.311	113.5	152.0640803	21.92
98	144.1192747	21.59	0.24	106.3	146.9181461	21.88
66.77	162.6819371	21.56	0.155	85.8	145.579304	21.84
25.01	136.5910294	21.52	0.156	35.72	149.5362511	21.79
351.9	131.2265166	21.48	0.199	358.6	128.7211479	21.73
353	130.6852129	21.44	0.215	2.992	128.0664317	21.68
1.117	128.2529	21.41	0.163	20.97	133.4248184	21.65
348.4	133.3092177	21.38	0.13	8.82	128.3640139	21.62
345.1	135.8056071	21.34	0.166	349.4	132.6567999	21.59
336.8	144.7193684	21.32	0.234	341.1	139.5939084	21.56
319.6	181.0419634	21.34	0.292	321.5	175.3254093	21.54
323.7	169.3661605	21.38	0.302	327.1	161.3606366	21.54
321.2	176.1911131	21.42	0.284	321.9	174.1916691	21.54
315.8	192.5757179	21.47	0.322	315.6	192.5757179	21.57
312	192.5757179	21.54	0.35	308.9	174.1507045	21.61
306.3	169.0922914	21.61	0.373	308	172.3255294	21.66
315.7	192.5757179	21.67	0.381	313.7	192.5757179	21.71
324.8	166.6259865	21.74	0.414	320.9	177.070287	21.78
335.8	146.0858429	21.77	0.454	326.9	161.7949854	21.84
340.2	140.5713153	21.74	0.483	328.5	158.4376272	21.87
339.7	141.1353782	21.77	0.483	333.7	149.1915112	21.89
339.9	140.9079226	21.8	0.427	337.8	143.4215034	21.92
347.5	133.9369487	21.83	0.446	340.6	140.1309578	21.94
359.7	128.4855767	21.8	0.412	350.2	132.1683105	21.95
358.8	128.6747234	21.79	0.418	353.3	130.5466922	21.93
13.36	129.5269389	21.81	0.333	8.1	128.2552218	21.94
20.72	133.2552923	21.82	0.443	1.499	128.2037253	21.96
5.283	128.0250961	21.79	0.429	350.9	131.7648252	21.95
350.2	132.1683105	21.78	0.393	344.1	136.6710803	21.98
253.9	153.7939153	21.71	0.296	274.1	143.8710782	21.96
241.5	171.7349716	21.58	0.283	246.8	162.6370044	21.83
228.2	176.7757169	21.44	0.417	230	182.3192244	21.68
244.9	165.6232794	21.27	0.498	243.9	167.3143222	21.49
249.4	158.9978987	21.1	0.388	248.4	160.3391006	21.33
251.2	156.7582401	20.95	0.347	252.4	155.3841351	21.21
249.7	158.6092822	20.86	0.263	259.1	149.2954063	21.09
239.3	176.2761595	20.78	0.122	254.9	152.8094541	21.04
279.4	144.3719327	20.74	0.144	291.4	150.2796092	21
173.5	130.4564935	20.7	0.064	257.1	150.8472717	20.97
92.4	143.9717192	20.67	0.067	31.91	144.0750082	20.94
88.2	144.7678047	20.66	0.221	68.99	159.5391931	20.93
87	145.1405816	20.64	0.349	77.9	150.2006904	20.93
80.4	148.3999072	20.64	0.427	70.13	158.0630996	20.94
79.62	148.9267085	20.63	0.5	68.58	160.0924113	20.94
82.9	146.9181461	20.64	0.537	74.62	153.0791344	20.95
82.3	147.2455367	20.64	0.5	73.55	154.1526146	20.95

0.472	131	178.7386118	163.3056841	Yes
0.418	134.4	187.2558705	169.1039777	Yes
0.449	138.2	185.6327901	174.4522047	Yes
0.467	135.9	191.4980279	176.1567303	Yes
0.508	129.6	175.6274687	157.1984752	Yes
0.437	124.8	166.4581678	150.7349714	Yes
0.373	126.3	169.0922914	151.6343059	Yes
0.284	114.6	153.0985737	162.1982518	Yes
0.198	78.07	150.0677667	140.0872227	Yes
0.166	42.48	162.1895975	138.0628516	Yes
0.18	48.98	179.1142847	140.5490418	Yes
0.219	69.65	158.6736177	139.1415748	Yes
0.133	71.47	156.4409588	154.8543517	Yes
0.124	47.89	175.8721374	145.4795095	Yes
0.157	24.8	136.4059155	141.5311299	Yes
0.14	342.8	137.8760949	168.6055376	Yes
0.197	342.8	137.8760949	154.1377979	Yes
0.168	334.9	147.3766469	165.1960826	Yes
0.167	317.7	187.3568179	183.6146575	Yes
0.211	308	172.3255294	177.1161704	Yes
0.232	304.2	165.4588142	172.6448836	Yes
0.245	315.4	192.5757179	184.9073467	Yes
0.233	327.2	161.1450705	158.0803935	Yes
0.282	336.5	145.1219829	146.7247058	Yes
0.36	338.4	142.6746234	141.4637705	Yes
0.4	345.1	135.8056071	139.4685604	Yes
0.362	349.6	132.5319155	136.348016	Yes
0.354	353.9	130.2812262	133.7432301	Yes
0.328	358.6	128.7211479	133.3616829	Yes
0.326	11.44	128.9336719	132.2654181	Yes
0.255	32	144.1921397	137.0250105	Yes
0.346	20.49	133.1019438	144.3324136	Yes
0.337	8.76	128.3541665	134.4453626	Yes
0.343	353.5	130.4564935	131.9496531	Yes
0.257	321	176.7757169	156.3865159	Yes
0.274	284.4	145.9959883	164.3023851	Yes
0.442	242.7	169.4586546	170.1199614	Yes
0.386	257.4	150.6007104	160.2501919	Yes
0.392	268.5	144.6848135	155.5634155	Yes
0.405	272.5	143.962286	155.798327	Yes
0.274	283.1	145.4633897	152.8512802	Yes
0.185	308	172.3255294	156.5608292	Yes
0.175	323.9	168.856618	156.5442168	Yes
0.102	330.3	154.96461	148.5640036	Yes
0.188	19.44	132.4333381	145.691088	Yes
0.265	54.56	187.9133287	159.1006268	Yes
0.338	57.53	180.3053786	153.9280918	Yes
0.396	57.7	179.9029136	156.1248053	Yes
0.456	63.93	167.2623449	154.2133037	Yes
0.49	70.34	157.8009471	150.0583236	Yes
0.505	65.05	165.3768928	152.5033749	Yes

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9/10/2019	03:13	19.92	0.148
9/10/2019	03:14	19.92	0.164
9/10/2019	03:15	19.92	0.133
9/10/2019	03:16	19.92	0.161
9/10/2019	03:17	19.91	0.182
9/10/2019	03:18	19.9	0.225
9/10/2019	03:19	19.89	0.273
9/10/2019	03:20	19.88	0.29
9/10/2019	03:21	19.89	0.273
9/10/2019	03:22	19.89	0.254
9/10/2019	03:23	19.89	0.17
9/10/2019	03:24	19.9	0.158
9/10/2019	03:25	19.92	0.217
9/10/2019	03:26	19.92	0.238
9/10/2019	03:27	19.93	0.187
9/10/2019	03:28	19.93	0.125
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9/10/2019	03:34	19.93	0.197
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9/10/2019	03:36	19.92	0.209
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9/10/2019	03:41	19.79	0.597
9/10/2019	03:42	19.78	0.314
9/10/2019	03:43	19.79	0.313
9/10/2019	03:44	19.79	0.283
9/10/2019	03:45	19.8	0.123
9/10/2019	03:46	19.79	0.188
9/10/2019	03:47	19.78	0.133

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122	162.0444998	20.12	0.296
96.8	143.9717192	20.11	0.205
111.4	150.2796092	20.15	0.239
109.9	149.1519294	20.19	0.248
92.2	143.9919054	20.22	0.236
76.92	150.9975858	20.23	0.204
63.63	167.7856496	20.22	0.185
38.82	154.8173027	20.2	0.21
357.4	129.0334674	20.17	0.218
323.8	169.1107479	20.14	0.207
294.3	152.8094541	20.11	0.188
294.1	152.6196347	20.07	0.189
314.2	192.5757179	20.05	0.301
315.6	192.5757179	20.04	0.244
291.3	150.2006904	20.02	0.171
308.4	173.1267013	19.99	0.201
341.2	139.4882645	19.98	0.165
352.8	130.7797169	19.97	0.144
345.6	135.3923691	19.96	0.172
8.73	128.3492961	19.95	0.205
22.51	134.5354895	19.94	0.253
38.83	154.8356843	19.92	0.281
38.01	153.3581647	19.91	0.317
33.17	145.765335	19.91	0.298
35.42	149.0670892	19.92	0.27
22.97	134.8898299	19.91	0.197
345.3	135.6387698	19.9	0.185
324.6	167.1130196	19.92	0.233
311.3	179.4337369	19.93	0.237
302.2	162.3392225	19.94	0.214
288.2	148.0158154	19.94	0.107
293.7	152.2469608	19.95	0.166
305.4	167.4881453	19.96	0.22
298.8	157.7265948	19.96	0.201
286.1	146.8129126	19.95	0.125
285.4	146.4598058	19.94	0.103
311.3	179.4337369	19.93	0.224
302.7	163.0894665	19.94	0.252
273.8	143.8796248	19.94	0.222
260.5	148.3346233	19.92	0.366
252.7	155.0549457	19.9	0.639
261.9	147.4736091	19.85	0.88
268.8	144.6058796	19.81	0.705
283.8	145.7403654	19.79	0.644
288.5	148.2055809	19.77	0.38
312.7	192.5757179	19.78	0.353
326.2	163.3495837	19.78	0.29
304.5	165.9547117	19.78	0.149
258.5	149.7384694	19.77	0.195
222.2	161.577273	19.77	0.156

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100	144.5069269	20.38	0.363
73.02	154.7100091	20.37	0.318
85.7	145.6188708	20.42	0.329
85.7	145.6188708	20.45	0.333
68.11	160.7414917	20.46	0.319
46.88	173.025932	20.46	0.297
32.64	145.0409626	20.45	0.274
5.026	128.0195385	20.44	0.269
338.5	142.5524154	20.41	0.268
310.8	178.2808867	20.38	0.278
280.9	144.7396894	20.34	0.315
278	144.1192747	20.31	0.404
294.9	153.3930028	20.29	0.417
293.3	151.8834871	20.28	0.363
277.9	144.1045518	20.24	0.357
288.1	147.9535689	20.21	0.369
314.8	192.5757179	20.19	0.298
328.1	159.2522329	20.18	0.21
324.2	168.1018522	20.17	0.239
342.2	138.4636301	20.17	0.261
352.4	130.9739291	20.17	0.331
2.899	128.0724361	20.16	0.38
0.067	128.4176932	20.17	0.414
354.4	130.0717042	20.21	0.387
354.2	130.1542428	20.22	0.342
350.6	131.9350344	20.21	0.273
329.5	156.470139	20.21	0.268
313.1	192.5757179	20.22	0.354
301.1	160.7554768	20.22	0.341
289.2	148.6661534	20.21	0.282
272.9	143.9289489	20.19	0.24
281.9	145.0412401	20.18	0.26
293.6	152.1552339	20.17	0.281
288.6	148.2698482	20.18	0.265
281.5	144.915171	20.16	0.186
272.3	143.9815923	20.15	0.189
294.8	153.294267	20.15	0.296
292.3	151.0143979	20.15	0.312
256	151.7940443	20.15	0.323
238	179.2008824	20.12	0.471
230.2	182.967997	20.08	0.825
234.4	188.3560461	19.99	1.099
245.2	165.1323684	19.92	0.929
253	154.7313813	19.88	0.784
265.8	145.579304	19.85	0.581
293	151.6168585	19.85	0.49
298.6	157.480505	19.85	0.392
283.3	145.540202	19.85	0.265
239.6	175.6274687	19.84	0.264
206.4	137.8760949	19.84	0.182

87.2	145.0738969	20.6	0.53	76.61	151.2606682	20.91
84.2	146.2685776	20.67	0.449	72.45	155.3288773	20.97
63.41	168.1744302	20.69	0.383	51.93	188.8769019	20.96
75.76	152.0096628	20.72	0.358	66.2	163.5489495	20.96
75.3	152.4321413	20.73	0.372	62.48	169.8658883	20.94
61.29	172.1474402	20.73	0.394	49.68	181.295276	20.93
46.67	172.4523546	20.71	0.417	35.13	148.6202171	20.92
36.8	151.2846063	20.69	0.368	27.34	138.8055721	20.93
13.29	129.5026553	20.67	0.37	11.12	128.8493616	20.93
349.5	132.5941263	20.65	0.304	351.2	131.5986579	20.94
319.7	180.726811	20.61	0.319	327.6	160.2933984	20.89
289.7	149.010542	20.59	0.365	299.1	158.1007946	20.85
281.5	144.915171	20.56	0.505	283.7	145.6994008	20.82
296.2	154.7313813	20.54	0.521	297.6	156.2898875	20.8
291	149.967168	20.53	0.491	288	147.8918251	20.79
280.6	144.6580519	20.49	0.508	280.9	144.7396894	20.73
289	148.5320061	20.45	0.482	287.8	147.7698413	20.67
308.5	173.3294827	20.42	0.414	302.5	162.7870502	20.63
321.4	175.6124958	20.41	0.356	314	192.5757179	20.63
320.6	177.9631823	20.4	0.362	318.7	183.9540825	20.62
334.1	148.5743588	20.39	0.39	324.8	166.6259865	20.61
347.5	133.9369487	20.4	0.405	336.8	144.7193684	20.61
358.4	128.7691755	20.41	0.477	344.8	136.0597477	20.62
354.9	129.8727295	20.44	0.502	341	139.7001382	20.64
348.7	133.1085592	20.47	0.478	336	145.8069274	20.66
349.5	132.5941263	20.48	0.418	339.9	140.9079226	20.66
346.7	134.5279034	20.48	0.315	343.2	137.4955162	20.66
331.2	153.3405134	20.46	0.269	332.5	151.1187431	20.65
311.7	192.5757179	20.46	0.393	311.3	179.4337369	20.63
300.5	159.929249	20.46	0.416	301.8	161.7528127	20.61
291.1	150.0444711	20.44	0.402	292.4	151.0987909	20.58
274.1	143.8710782	20.41	0.313	279.9	144.4833098	20.54
284.5	146.0402375	20.39	0.287	287.6	147.6498563	20.52
296.7	155.273777	20.37	0.348	298.4	157.2370948	20.49
292.7	151.3553066	20.36	0.316	297.2	155.8318976	20.47
296.2	154.7313813	20.34	0.224	304.3	165.6232794	20.46
288.2	148.0158154	20.33	0.224	300.8	160.3391006	20.44
298.1	156.8769637	20.32	0.344	299.2	158.226888	20.42
296.5	155.0549457	20.31	0.355	297.1	155.7190033	20.41
269.3	144.4833098	20.31	0.305	273.2	143.9085582	20.41
247	162.3392225	20.29	0.503	249.2	159.2604663	20.39
234.8	187.2558705	20.25	0.882	231.9	188.7697038	20.34
235.8	184.5997584	20.15	1.198	227.5	174.7556358	20.2
246.6	162.9378699	20.04	1.002	236.5	182.8176355	20.08
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267.1	145.1070106	19.94	0.571	258.2	149.967168	19.97
288.3	148.0785655	19.94	0.561	280	144.5069269	19.99
295.5	153.9979779	19.94	0.485	286.5	147.0253234	20
282.1	145.1070106	19.95	0.325	278	144.1192747	20.01
252.9	154.8386144	19.95	0.328	252.3	155.4951241	20.02
217.4	152.2972712	19.95	0.248	234.3	188.6345537	20.02

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0.446	69.4	158.9978987	153.429356	Yes
0.448	51.39	186.973566	168.5413253	Yes
0.403	63.1	168.7295603	156.0373305	Yes
0.431	58.94	177.0673768	158.8272413	Yes
0.504	48.18	176.7169851	166.9786197	Yes
0.547	44.62	167.1619917	162.4516162	Yes
0.476	45.68	169.8291595	154.54919	Yes
0.451	36.03	150.0284995	138.2434715	Yes
0.387	22.12	134.2432875	134.0043909	Yes
0.379	353.1	130.6386087	163.8100905	Yes
0.402	325.3	165.4295013	154.0179963	Yes
0.517	308.8	173.943875	152.2594712	Yes
0.61	320.7	177.6640101	166.9307999	Yes
0.577	312	192.5757179	166.9787832	Yes
0.623	301.6	161.4641376	149.0334242	Yes
0.597	308.1	172.5243387	157.9812913	Yes
0.549	322.3	173.0808789	168.2522788	Yes
0.544	327	161.577273	163.9594873	Yes
0.518	327.8	159.8738411	165.0570654	Yes
0.573	332.1	151.7871691	146.7600881	Yes
0.553	341.9	138.7650022	136.5861476	Yes
0.59	347	134.3026158	136.4079319	Yes
0.647	343.8	136.9410396	137.6579531	Yes
0.606	340.2	140.5713153	139.0647682	Yes
0.55	345.8	135.2306555	137.5908073	Yes
0.452	346.5	134.6805694	134.7057707	Yes
0.389	337.4	143.9325875	148.1001506	Yes
0.479	324.4	167.6049563	179.8606297	Yes
0.525	316.4	192.0626612	170.7867873	Yes
0.512	309.5	175.4133646	157.5124005	Yes
0.389	302.3	162.4877295	148.5573763	Yes
0.391	311.3	179.4337369	154.0824063	Yes
0.435	318.5	184.6202228	163.3548947	Yes
0.42	323.3	170.4007875	156.7168869	Yes
0.37	330	155.5222256	153.520994	Yes
0.317	318.8	183.6236488	156.4839926	Yes
0.429	317.3	188.7697038	167.3203119	Yes
0.438	317.7	187.3568179	162.4469263	Yes
0.401	294.6	153.0985737	147.4328222	Yes
0.607	269	144.5555056	158.73814	Yes
1.023	245.9	164.0155381	175.612811	Yes
1.458	239.7	175.4133646	174.1196828	Yes
1.352	244.8	165.7885774	164.2564661	Yes
1.135	254.2	153.4923338	154.9596474	Yes
0.863	265	145.9089029	146.9535933	Yes
0.729	280.6	144.6580519	156.2872241	Yes
0.647	289	148.5320061	154.0770792	Yes
0.542	289.3	148.733998	149.8910394	Yes
0.478	267.9	144.8548646	156.1109083	Yes
0.344	252.5	155.273777	159.131794	Yes

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9/10/2019	04:05	19.6	0.267
9/10/2019	04:06	19.6	0.103
9/10/2019	04:07	19.6	0.217
9/10/2019	04:08	19.6	0.124
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9/10/2019	04:18	19.51	0.343
9/10/2019	04:19	19.51	0.254
9/10/2019	04:20	19.52	0.197
9/10/2019	04:21	19.54	0.337
9/10/2019	04:22	19.56	0.522
9/10/2019	04:23	19.58	0.427
9/10/2019	04:24	19.63	0.409
9/10/2019	04:25	19.68	0.3
9/10/2019	04:26	19.71	0.328
9/10/2019	04:27	19.72	0.307
9/10/2019	04:28	19.73	0.349
9/10/2019	04:29	19.74	0.345
9/10/2019	04:30	19.74	0.348
9/10/2019	04:31	19.75	0.269
9/10/2019	04:32	19.74	0.253
9/10/2019	04:33	19.74	0.313
9/10/2019	04:34	19.73	0.305
9/10/2019	04:35	19.73	0.332
9/10/2019	04:36	19.74	0.218
9/10/2019	04:37	19.75	0.225
9/10/2019	04:38	19.76	0.052

188.5	128.3131374	19.77	0.225
204.1	135.8056071	19.78	0.306
144.5	167.3583715	19.78	0.171
140.1	179.4825368	19.78	0.36
103.7	145.6994008	19.78	0.469
128.9	174.1507045	19.77	0.283
48.79	178.5358965	19.78	0.268
226.2	171.1905949	19.76	0.38
265	145.9089029	19.74	0.179
53.55	190.7685782	19.71	0.145
56.5	182.8176355	19.7	0.435
68.72	159.9021557	19.7	0.435
203.3	135.1505606	19.69	0.112
291	149.967168	19.68	0.213
284.6	146.0849588	19.67	0.358
280.8	144.7120259	19.65	0.428
241	172.724134	19.64	0.447
251.8	156.0596058	19.64	0.342
45.69	169.8550051	19.64	0.127
81.9	147.4736091	19.65	0.207
129.9	176.2761595	19.66	0.141
147.3	160.9305691	19.65	0.128
114.6	153.0985737	19.66	0.451
108.2	148.0158154	19.68	0.314
116.7	155.273777	19.66	0.514
132.6	182.5680669	19.64	0.358
118.8	157.7265948	19.62	0.159
144.7	166.8688935	19.6	0.21
141.1	176.4826621	19.59	0.343
125	166.7980522	19.58	0.489
99.3	144.3509966	19.55	0.49
112.2	150.9305587	19.55	0.359
148.2	159.0470698	19.57	0.259
136.2	192.385621	19.58	0.425
116.7	155.273777	19.62	0.613
118.5	157.3584661	19.65	0.505
119.1	158.1007946	19.72	0.443
130.8	178.2808867	19.77	0.363
129.9	176.2761595	19.79	0.387
132.7	182.8176355	19.8	0.401
128.1	172.5243387	19.8	0.426
139.1	182.6427564	19.8	0.407
150	155.5222256	19.8	0.373
155.7	146.2263702	19.8	0.321
142.3	173.0808789	19.79	0.33
120.1	159.3928048	19.78	0.381
114.7	153.1961245	19.78	0.384
118.5	157.3584661	19.78	0.404
126.9	170.2024087	19.81	0.283
112.7	151.3553066	19.83	0.243
119.4	158.4811294	19.86	0.089

173.2	130.5924354	19.84	0.222
188.1	128.2552218	19.85	0.328
132.1	181.3386201	19.86	0.167
117.2	155.8318976	19.86	0.369
81.4	147.7698413	19.88	0.5
98.2	144.1500472	19.89	0.337
29.74	141.4115747	19.93	0.243
206.2	137.6847037	19.9	0.343
229.8	181.6772422	19.86	0.233
31.69	143.7909776	19.84	0.131
35.35	148.9586281	19.85	0.47
42.46	162.1455776	19.91	0.545
89.9	144.3509966	19.88	0.164
272.4	143.9717192	19.87	0.247
257.6	150.439072	19.85	0.48
252.2	155.6067462	19.83	0.576
221.4	159.8738411	19.81	0.567
229.2	179.7911758	19.8	0.436
356	129.4717308	19.8	0.145
52.8	192.0626612	19.79	0.18
92.6	143.9532925	19.79	0.126
109.6	148.9406289	19.78	0.087
86.4	145.3516416	19.78	0.434
79.33	149.1305883	19.8	0.412
87.7	144.915171	19.8	0.617
102.5	145.2440439	19.76	0.407
93.4	143.897159	19.74	0.215
117.3	155.945431	19.73	0.267
115.7	154.2044642	19.71	0.435
95	143.869106	19.69	0.486
72.34	155.4506527	19.66	0.685
85.7	145.6188708	19.67	0.481
117	155.6067462	19.69	0.297
111.1	150.0444711	19.71	0.442
92.9	143.9289489	19.76	0.598
91.3	144.1045518	19.79	0.564
93.3	143.9026392	19.9	0.495
111.2	150.1223115	19.94	0.47
111.6	150.439072	19.95	0.497
108	147.8918251	19.95	0.537
105.3	146.4112828	19.94	0.518
120.9	160.4771641	19.94	0.528
129.2	174.7773583	19.94	0.475
135.1	189.1957803	19.93	0.431
122.1	162.1914802	19.92	0.47
97.4	144.0375611	19.9	0.419
89.2	144.5069269	19.91	0.429
90.7	144.1995259	19.93	0.483
99.1	144.310461	19.98	0.339
89.4	144.4601404	20.03	0.325
79.97	148.6864527	20.08	0.189

177.9	128.8962779	19.95	0.228	185.9	128.0489586	20.02
192.1	129.120645	19.95	0.368	195.3	130.2812262	20.03
142.2	173.356455	19.96	0.175	209.6	141.2500277	20.03
117.6	156.2898875	19.96	0.402	116.7	155.273777	20.03
88.4	144.7120259	19.98	0.532	86.3	145.3884291	20.05
88.2	144.7678047	20.01	0.392	79.09	149.3026351	20.07
21.51	133.8011842	20.05	0.235	356.6	129.2740865	20.11
204.5	136.145503	20.04	0.336	204.9	136.4937737	20.13
221.5	160.0831011	20.01	0.216	219.5	156.0881634	20.12
54.04	189.3652507	20	0.174	34.45	147.5975566	20.11
38.08	153.4819687	20.02	0.485	22.07	134.2063667	20.13
41.3	159.6656133	20.1	0.605	29.91	141.6093745	20.18
56.13	183.7518877	20.11	0.291	42.97	163.2818442	20.22
285.5	146.5088075	20.09	0.231	297.4	156.0596058	20.23
264.5	146.1301527	20.07	0.371	265.2	145.823697	20.23
255.9	151.8834871	20.04	0.509	252.5	155.273777	20.2
227.8	175.6124958	20.01	0.655	227	173.356455	20.17
235.3	185.9112491	19.99	0.585	234.7	187.5288517	20.15
320.6	177.9631823	19.99	0.216	284	145.823697	20.15
47.11	173.661216	19.97	0.165	4.799	128.0167721	20.16
89.3	144.4833098	19.96	0.122	72.98	154.7527784	20.14
109.8	149.0809751	19.95	0.064	81.7	147.5906108	20.12
81	148.0158154	19.94	0.443	74.77	152.9340904	20.11
77.17	150.7892987	19.96	0.417	72.27	155.5285442	20.11
83.2	146.7610226	19.98	0.696	74.93	152.7808324	20.13
92.3	143.9815923	19.97	0.635	84.5	146.1301527	20.17
87.3	145.0412401	19.93	0.39	82.6	147.0796431	20.15
103.4	145.579304	19.91	0.406	93.2	143.9085582	20.13
110.2	149.3679312	19.88	0.534	102.7	145.3153153	20.08
91.8	144.0375611	19.85	0.698	87.6	144.9460055	20.05
75	152.7142528	19.83	0.772	67.27	161.9420652	20.11
78.46	149.7686851	19.84	0.62	71.25	156.6991246	20.15
101.3	144.8548646	19.86	0.484	88.5	144.6848135	20.18
102.1	145.1070106	19.88	0.612	93.1	143.914916	20.22
88.7	144.6317408	19.94	0.877	84.9	145.9522103	20.34
88.3	144.7396894	20.03	0.865	83.9	146.4112828	20.52
89.4	144.4601404	20.17	0.78	84.5	146.1301527	20.69
103.6	145.6589028	20.2	0.666	96.4	143.936624	20.7
106.3	146.9181461	20.19	0.662	99.2	144.3305061	20.65
103.8	145.7403654	20.18	0.721	96.5	143.9447385	20.62
99.6	144.4151432	20.17	0.78	93.5	143.8921176	20.69
111.3	150.2006904	20.17	0.721	103.5	145.6188708	20.73
118.1	156.8769637	20.16	0.679	110	149.2234061	20.74
125.2	167.1413681	20.15	0.603	118.2	156.9963458	20.75
118.1	156.8769637	20.13	0.585	113.1	151.7051686	20.68
98.3	144.1660972	20.11	0.608	96.2	143.9217129	20.64
88.3	144.7396894	20.12	0.685	85.9	145.540202	20.77
86.4	145.3516416	20.18	0.744	81.1	147.9535689	20.99
90.7	144.1995259	20.29	0.637	84.4	146.17582	21.15
86.3	145.3884291	20.38	0.511	81.3	147.8305829	21.25
78.28	149.9057115	20.48	0.309	76.4	151.441929	21.28

0.236	208.8	140.3499361	131.2401491	Yes
0.393	211.5	143.5482783	133.4021957	Yes
0.223	248.7	159.929249	164.6465447	Yes
0.307	139.1	182.6427564	165.9041711	Yes
0.366	90.6	144.2169051	145.5573204	Yes
0.271	80.5	148.3346233	152.141163	Yes
0.195	0.562	128.3345821	142.2714648	Yes
0.289	223.5	164.4935779	149.2016307	Yes
0.115	214.9	148.2703958	158.405561	Yes
0.158	3.505	128.0393821	159.912349	Yes
0.451	26.37	137.8472452	151.4623688	Yes
0.628	35.31	148.8968208	154.4439084	Yes
0.381	39.22	155.5596945	156.4189967	Yes
0.316	337.3	144.0620273	148.1138655	Yes
0.383	297.4	156.0596058	148.9074972	Yes
0.546	273.4	143.897159	150.274639	Yes
0.755	237.7	179.9029136	172.2939679	Yes
0.641	246.1	163.7036852	174.5989135	Yes
0.291	293.7	152.2469608	155.0721152	Yes
0.286	340.9	139.8069561	156.2042429	Yes
0.081	6.922	128.1211988	149.5173478	Yes
0.104	307.7	171.7349716	155.6555511	Yes
0.312	63.31	168.3525666	153.5505375	Yes
0.328	68.7	159.929249	152.6786991	Yes
0.625	78.65	149.6259182	149.8713442	Yes
0.728	84.5	146.1301527	152.8108017	Yes
0.591	83.8	146.4598058	148.0408886	Yes
0.471	92	144.0138522	151.2632078	Yes
0.604	104.6	146.0849588	154.2910663	Yes
0.847	88.7	144.6317408	148.8564931	Yes
1.025	74.88	152.8285645	153.4573063	Yes
0.894	74.43	153.264762	151.2564002	Yes
0.649	84.8	145.9959883	150.0378965	Yes
0.739	88.7	144.6317408	155.2167519	Yes
1.041	85.5	145.6994008	147.0972155	Yes
0.981	86.9	145.1746105	147.5577201	Yes
0.864	89.3	144.4833098	147.4154073	Yes
0.752	98	144.1192747	152.4235999	Yes
0.774	100.6	144.6580519	152.5243871	Yes
0.826	96.2	143.9217129	152.8632555	Yes
0.922	94.4	143.8664765	150.2218717	Yes
0.893	104.2	145.9089029	156.9696769	Yes
0.782	110.5	149.5886665	157.197724	Yes
0.776	118.7	157.6032138	163.4326156	Yes
0.778	116.4	154.9464686	159.760192	Yes
0.74	103.1	145.4633897	147.3963131	Yes
0.746	87.5	144.9772949	146.5920476	Yes
0.828	86.4	145.3516416	148.0429688	Yes
0.681	92.5	143.962286	149.7701003	Yes
0.572	92.9	143.9289489	146.5926816	Yes
0.45	86.8	145.2090977	150.7448641	Yes

6.303
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7.17

9/10/2019	04:39	19.75	0.133
9/10/2019	04:40	19.74	0.228
9/10/2019	04:41	19.72	0.22
9/10/2019	04:42	19.7	0.182
9/10/2019	04:43	19.68	0.079
9/10/2019	04:44	19.69	0.156
9/10/2019	04:45	19.69	0.215
9/10/2019	04:46	19.67	0.379
9/10/2019	04:47	19.66	0.099
9/10/2019	04:48	19.64	0.11
9/10/2019	04:49	19.64	0.122
9/10/2019	04:50	19.64	0.143
9/10/2019	04:51	19.62	0.113
9/10/2019	04:52	19.6	0.097
9/10/2019	04:53	19.59	0.152
9/10/2019	04:54	19.59	0.243
9/10/2019	04:55	19.59	0.255
9/10/2019	04:56	19.58	0.278
9/10/2019	04:57	19.57	0.28
9/10/2019	04:58	19.57	0.308
9/10/2019	04:59	19.56	0.358
9/10/2019	05:00	19.57	0.433
9/10/2019	05:01	19.61	0.448
9/10/2019	05:02	19.67	0.331
9/10/2019	05:03	19.75	0.441
9/10/2019	05:04	19.83	0.393
9/10/2019	05:05	19.89	0.355
9/10/2019	05:06	19.93	0.403
9/10/2019	05:07	19.96	0.378
9/10/2019	05:08	19.98	0.372
9/10/2019	05:09	20	0.431
9/10/2019	05:10	20.03	0.404
9/10/2019	05:11	20.05	0.489
9/10/2019	05:12	20.05	0.377
9/10/2019	05:13	20.06	0.418
9/10/2019	05:14	20.07	0.354
9/10/2019	05:15	20.07	0.362
9/10/2019	05:16	20.07	0.422
9/10/2019	05:17	20.08	0.42
9/10/2019	05:18	20.09	0.461
9/10/2019	05:19	20.09	0.328
9/10/2019	05:20	20.08	0.255
9/10/2019	05:21	20.07	0.21
9/10/2019	05:22	20.06	0.132
9/10/2019	05:23	20.04	0.187
9/10/2019	05:24	20.02	0.057
9/10/2019	05:25	20	0.082
9/10/2019	05:26	19.98	0.141
9/10/2019	05:27	19.95	0.108
9/10/2019	05:28	19.93	0.202
9/10/2019	05:29	19.9	0.25

19.2	132.2876789	19.85	0.145
342.2	138.4636301	19.83	0.252
325.8	164.2624968	19.8	0.275
321.6	175.0397923	19.76	0.233
323.1	170.9259926	19.74	0.116
324	168.6037636	19.73	0.171
292.5	151.183739	19.72	0.233
265.2	145.823697	19.71	0.455
209.8	141.481181	19.7	0.125
114.6	153.0985737	19.68	0.105
133	183.5738179	19.67	0.115
150.3	154.96461	19.67	0.132
206.8	138.2655439	19.67	0.141
201.3	133.6531567	19.65	0.119
188.3	128.2833916	19.64	0.188
149.1	157.2454979	19.64	0.295
133.3	184.3413566	19.67	0.361
136.6	191.31691	19.67	0.393
135.4	190.048269	19.66	0.393
138.8	183.6236488	19.65	0.439
126.7	169.8286827	19.64	0.489
130.6	177.8276612	19.64	0.491
129.8	176.0588609	19.68	0.499
132.9	183.3205043	19.74	0.406
132.5	182.3197334	19.83	0.42
142.3	173.0808789	19.91	0.418
156.1	145.6685335	19.97	0.411
182.6	128.0940314	20.01	0.419
158.4	142.6746234	20.04	0.491
148.2	159.0470698	20.06	0.461
142.7	171.9924951	20.07	0.506
120.1	159.3928048	20.09	0.418
112	150.7645356	20.1	0.488
108.2	148.0158154	20.1	0.381
102.9	145.3884291	20.11	0.412
124.6	166.1216858	20.12	0.373
149.3	156.8559046	20.11	0.351
152.9	150.4634796	20.12	0.458
152.2	151.6188155	20.12	0.468
147.9	159.6656133	20.12	0.48
135.8	191.2051427	20.13	0.353
133.9	185.9112491	20.12	0.224
104.7	146.1301527	20.11	0.233
82.6	147.0796431	20.1	0.137
77.32	150.6659775	20.08	0.19
11.31	128.8989226	20.06	0.059
27.11	138.57354	20.04	0.085
64.69	165.9713712	20.01	0.115
44.35	166.504988	20	0.093
62.26	170.2776006	19.99	0.164
59.17	176.5602561	19.99	0.228

4.15	128.0199484	20.07	0.164
319.7	180.726811	20.04	0.306
300.8	160.3391006	20.01	0.399
309.3	174.9883145	19.96	0.366
299.3	158.3536654	19.94	0.163
307.4	171.1531239	19.94	0.271
273.4	143.897159	19.91	0.383
245.4	164.8092124	19.89	0.627
211.8	143.9325875	19.86	0.192
89.9	144.3509966	19.84	0.065
106.4	146.9714914	19.82	0.049
128.6	173.5332689	19.81	0.087
177.8	128.9229071	19.79	0.119
174.2	130.1542428	19.79	0.096
169.8	132.4088779	19.78	0.197
134.1	186.4450707	19.79	0.276
111.8	150.6007104	19.81	0.385
108.7	148.3346233	19.83	0.523
109.2	148.6661534	19.84	0.553
113.6	152.1552339	19.83	0.58
105.1	146.3156694	19.8	0.575
106.8	147.1897488	19.81	0.658
110	149.2234061	19.86	0.642
115.5	153.9979779	19.93	0.541
123	163.5489495	20.01	0.512
133.1	183.8283932	20.09	0.574
141.3	175.9010607	20.14	0.574
154.5	147.9694733	20.17	0.561
146.4	162.8998881	20.19	0.577
140.2	179.1755005	20.2	0.574
130.4	177.3788901	20.2	0.608
111.9	150.682349	20.21	0.672
96	143.9085582	20.22	0.555
87.2	145.0738969	20.22	0.468
86.1	145.4633897	20.23	0.484
106.4	146.9714914	20.22	0.453
130.8	178.2808867	20.22	0.522
140.2	179.1755005	20.23	0.601
139.1	182.6427564	20.23	0.584
135.9	191.4980279	20.23	0.579
128	172.3255294	20.24	0.511
124.5	165.9547117	20.23	0.371
90.8	144.18259	20.23	0.299
69.3	159.1288318	20.22	0.206
62.63	169.5877459	20.19	0.273
13.55	129.5938729	20.18	0.119
17.73	131.4525429	20.15	0.111
45.49	169.3405613	20.14	0.174
30.85	142.7359692	20.14	0.155
36.91	151.4680104	20.14	0.233
35.52	149.2226947	20.14	0.3

22.54	134.5582777	20.47	0.261	45.19	168.578548	21.24
321.5	175.3254093	20.43	0.291	325.7	164.4935779	21.14
301.1	160.7554768	20.37	0.482	302	162.0444998	20.99
305.4	167.4881453	20.3	0.516	304.4	165.7885774	20.82
313.6	192.5757179	20.27	0.275	314.8	192.5757179	20.76
312.3	192.5757179	20.26	0.398	306.7	169.8286827	20.71
279.9	144.4833098	20.2	0.459	282.7	145.3153153	20.63
253.4	154.3086209	20.16	0.601	251.2	156.7582401	20.57
242.3	170.2024087	20.12	0.318	253.2	154.5187706	20.52
73.28	154.4344162	20.09	0.115	303.4	164.1726616	20.45
95	143.869106	20.06	0.057	66.78	162.6669518	20.41
131.5	179.9029136	20.04	0.077	34.87	148.2250642	20.38
179.6	128.5050003	20.02	0.115	209.8	141.481181	20.35
186.7	128.1020341	20	0.092	227.4	174.472931	20.32
171.8	131.2783518	19.98	0.182	181.5	128.2036041	20.29
133.5	184.8594495	19.98	0.227	128.5	173.3294827	20.28
111.1	150.0444711	19.99	0.409	103.2	145.5015641	20.28
110.1	149.2954063	20.02	0.569	106	146.7610226	20.29
108.5	148.2055809	20.06	0.648	104.9	146.2219614	20.34
109.3	148.733998	20.06	0.703	106.3	146.9181461	20.39
102.1	145.1070106	20.03	0.769	97.7	144.0764313	20.44
102.5	145.2440439	20.04	0.876	97.6	144.0630334	20.5
104.1	145.8660653	20.09	0.884	99.6	144.4151432	20.54
110.7	149.7384694	20.15	0.739	106	146.7610226	20.58
114.1	152.6196347	20.23	0.764	109.2	148.6661534	20.63
125.4	167.4881453	20.31	0.745	119.6	158.7381263	20.68
134.2	186.7139875	20.37	0.734	127.1	170.5798662	20.7
145	166.1438025	20.4	0.721	136.6	191.31691	20.69
141	176.7757169	20.41	0.769	134.4	187.2558705	20.66
133.5	184.8594495	20.4	0.807	128.2	172.724134	20.63
125.2	167.1413681	20.39	0.827	123	163.5489495	20.63
111.3	150.2006904	20.39	0.792	109.6	148.9406289	20.61
97.1	144.0026586	20.4	0.821	95.3	143.8763375	20.6
87.2	145.0738969	20.39	0.725	85.9	145.540202	20.59
86.9	145.1746105	20.39	0.746	84.5	146.1301527	20.58
100.8	144.7120259	20.39	0.673	95.3	143.8763375	20.56
121.2	160.8957315	20.38	0.714	117.1	155.7190033	20.54
130.3	177.156161	20.38	0.777	124.2	165.4588142	20.54
130.6	177.8276612	20.38	0.778	125.5	167.6628412	20.54
130.4	177.3788901	20.39	0.781	124.9	166.6276829	20.56
122.7	163.0894665	20.4	0.695	120	159.2604663	20.59
120	159.2604663	20.4	0.552	116.6	155.1640479	20.62
98.7	144.234728	20.4	0.502	100.7	144.6848135	20.64
83.1	146.8129126	20.4	0.375	89.7	144.3933148	20.64
76.24	151.5816925	20.38	0.445	84.6	146.0849588	20.63
67.31	161.8836977	20.37	0.25	82.7	147.0253234	20.63
50.45	183.7886471	20.35	0.234	76.98	150.9472823	20.6
64.39	166.475081	20.34	0.258	72.09	155.7302641	20.6
63.99	167.1586245	20.34	0.286	69.89	158.3663809	20.59
61.7	171.3461128	20.35	0.323	70.68	157.3828204	20.61
53.88	189.8196792	20.36	0.385	61.88	170.9994201	20.64

0.409	63.88	167.3490172	146.158694	Yes
0.255	17.17	131.159789	158.0338435	Yes
0.41	321.3	175.9010607	164.6605269	Yes
0.532	323.2	170.6627261	170.7935111	Yes
0.337	345.5	135.4739906	169.9810169	Yes
0.467	329.8	155.8985853	171.6119747	Yes
0.547	309.4	175.2003149	152.0159676	Yes
0.622	274	143.8734887	153.1146518	Yes
0.367	282.1	145.1070106	151.0483917	Yes
0.2	319.9	180.1014276	159.2316151	Yes
0.158	2.488	128.1030207	153.0368776	Yes
0.139	24.54	136.1799516	158.5611616	Yes
0.038	310.7	178.0537144	143.0456694	Yes
0.044	85.1	145.8660653	142.449686	Yes
0.098	201.4	133.7233811	130.7795213	Yes
0.162	115	153.4923338	171.0743669	Yes
0.272	95.4	143.8796248	154.8735454	Yes
0.435	108.8	148.3999072	156.8215739	Yes
0.651	111.3	150.2006904	156.668531	Yes
0.851	112.8	151.441929	156.5745912	Yes
0.974	109.5	148.8712346	150.8398057	Yes
1.121	109.1	148.5988232	152.5846621	Yes
1.113	109	148.5320061	152.8190963	Yes
1.018	112.6	151.2692438	157.0174436	Yes
0.951	116.8	155.3841351	160.5077212	Yes
0.974	123.8	164.8092124	169.5889512	Yes
0.945	131.1	178.969176	171.5665248	Yes
0.911	138.3	185.293471	163.7635376	Yes
0.99	138.1	185.9739218	171.1160042	Yes
1.037	134.7	188.0789318	176.7770171	Yes
1.053	130.8	178.2808867	171.6685179	Yes
1.077	121.5	161.3209223	154.1074791	Yes
0.971	108.8	148.3999072	146.1903994	Yes
0.864	98.4	144.18259	145.5772803	Yes
0.85	94.5	143.8658191	145.2044802	Yes
0.802	102.5	145.2440439	149.3851169	Yes
0.894	120.7	160.201762	162.3906576	Yes
0.993	127.2	170.7700049	168.604792	Yes
1.022	130.5	177.6027217	171.4709592	Yes
0.982	133	183.5738179	175.7488064	Yes
0.896	131	178.7386118	172.9238434	Yes
0.71	131.4	179.6677453	169.1916441	Yes
0.59	122.3	162.4877295	148.3440027	Yes
0.489	113.1	151.7051686	149.8239742	Yes
0.514	109.8	149.0809751	153.40027	Yes
0.391	107.3	147.4736091	142.9750852	Yes
0.332	99.2	144.3305061	149.8185037	Yes
0.367	87	145.1405816	160.5315718	Yes
0.407	95.9	143.9026392	155.7337204	Yes
0.445	90.2	144.2908609	158.953081	Yes
0.528	83.7	146.5088075	166.6221715	Yes

18.68
5.808
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7.99
12.85

9/10/2019	05:30	19.87	0.218
9/10/2019	05:31	19.84	0.23
9/10/2019	05:32	19.81	0.25
9/10/2019	05:33	19.78	0.238
9/10/2019	05:34	19.76	0.318
9/10/2019	05:35	19.75	0.23
9/10/2019	05:36	19.74	0.112
9/10/2019	05:37	19.75	0.143
9/10/2019	05:38	19.75	0.122
9/10/2019	05:39	19.74	0.179
9/10/2019	05:40	19.71	0.198
9/10/2019	05:41	19.67	0.175
9/10/2019	05:42	19.64	0.19
9/10/2019	05:43	19.6	0.206
9/10/2019	05:44	19.58	0.308
9/10/2019	05:45	19.55	0.362
9/10/2019	05:46	19.55	0.384
9/10/2019	05:47	19.54	0.324
9/10/2019	05:48	19.55	0.267
9/10/2019	05:49	19.55	0.21
9/10/2019	05:50	19.55	0.163
9/10/2019	05:51	19.55	0.134
9/10/2019	05:52	19.55	0.142
9/10/2019	05:53	19.55	0.244
9/10/2019	05:54	19.53	0.323
9/10/2019	05:55	19.51	0.215
9/10/2019	05:56	19.49	0.18
9/10/2019	05:57	19.48	0.168
9/10/2019	05:58	19.47	0.14
9/10/2019	05:59	19.45	0.112
9/10/2019	06:00	19.43	0.162
9/10/2019	06:01	19.4	0.189
9/10/2019	06:02	19.37	0.091
9/10/2019	06:03	19.35	0.112
9/10/2019	06:04	19.33	0.1
9/10/2019	06:05	19.31	0.104
9/10/2019	06:06	19.29	0.18
9/10/2019	06:07	19.26	0.207
9/10/2019	06:08	19.24	0.152
9/10/2019	06:09	19.22	0.104
9/10/2019	06:10	19.2	0.151
9/10/2019	06:11	19.2	0.24
9/10/2019	06:12	19.21	0.319
9/10/2019	06:13	19.24	0.354
9/10/2019	06:14	19.29	0.31
9/10/2019	06:15	19.35	0.318
9/10/2019	06:16	19.39	0.298
9/10/2019	06:17	19.42	0.207
9/10/2019	06:18	19.42	0.138
9/10/2019	06:19	19.43	0.088
9/10/2019	06:20	19.43	0.05

35.15	148.6508276	19.98	0.233
27.58	139.0509154	19.95	0.261
35.41	149.0515714	19.91	0.331
46.92	173.1358818	19.87	0.323
51.98	189.0559516	19.85	0.325
48.07	176.3950397	19.84	0.283
55.08	186.4987466	19.82	0.153
93.3	143.9026392	19.83	0.15
161.1	139.5939084	19.84	0.128
210.2	141.9509679	19.83	0.17
218.8	154.7805667	19.8	0.258
230.3	183.2949574	19.75	0.235
247.9	161.0367221	19.71	0.253
256.6	151.2692438	19.68	0.289
269.6	144.4151432	19.66	0.399
270.2	144.2908609	19.64	0.486
265.8	145.579304	19.64	0.476
257.3	150.682349	19.63	0.405
240.9	172.92492	19.62	0.35
226.7	172.5339195	19.62	0.286
196.3	130.7322487	19.62	0.199
167.9	133.6531567	19.62	0.147
143	171.1905949	19.61	0.158
115.2	153.6927882	19.62	0.276
107.1	147.3585869	19.62	0.436
107.4	147.531862	19.61	0.335
104.9	146.2219614	19.59	0.258
87.9	144.8548646	19.57	0.246
80.7	148.2055809	19.56	0.225
114.5	153.0016129	19.55	0.16
220.2	157.4417417	19.52	0.189
212.3	144.586539	19.49	0.265
151.5	152.8150171	19.46	0.124
95	143.869106	19.44	0.149
74.17	153.5222494	19.43	0.161
137.3	188.7697038	19.4	0.159
191.3	128.8962779	19.39	0.232
215.1	148.5743588	19.36	0.287
229.1	179.4825368	19.35	0.236
236.8	182.0726285	19.32	0.184
259.4	149.0809751	19.3	0.223
236.7	182.3197334	19.29	0.354
211.2	143.1699306	19.31	0.428
204.5	136.145503	19.34	0.458
200.6	133.1749726	19.39	0.423
196.4	130.7797169	19.45	0.413
209.3	140.9079226	19.49	0.405
203.9	135.6387698	19.52	0.301
178.9	128.6521114	19.53	0.172
214.2	147.2303008	19.54	0.131
153.1	150.1407104	19.54	0.075

17.32	131.2368484	20.15	0.269
11	128.8188092	20.14	0.3
14.75	130.0513334	20.13	0.39
21.74	133.9657536	20.14	0.455
21.5	133.7940871	20.15	0.438
20.72	133.2552923	20.15	0.389
30.83	142.7114115	20.14	0.277
63.18	168.5854776	20.13	0.258
121.4	161.1784514	20.12	0.195
172.5	130.9247236	20.11	0.166
196.4	130.7797169	20.07	0.264
210	141.7148217	20.02	0.293
223.4	164.2624968	19.98	0.36
232.2	189.8495428	19.94	0.399
242.1	170.5798662	19.93	0.522
243.8	167.4881453	19.93	0.679
240.8	173.1267013	19.9	0.656
232.3	190.2134023	19.87	0.552
222.2	161.577273	19.84	0.491
209.9	141.5976893	19.82	0.392
182.2	128.1283904	19.8	0.226
156.5	145.1219829	19.79	0.178
129.1	174.5674412	19.78	0.181
96.3	143.9289489	19.77	0.281
82.7	147.0253234	19.78	0.374
85.2	145.823697	19.78	0.342
82.8	146.9714914	19.75	0.304
67.48	161.6369825	19.72	0.338
64.18	166.8322289	19.7	0.308
88.1	144.796372	19.69	0.203
190	128.5866722	19.66	0.178
193.3	129.506112	19.62	0.262
134.8	188.3560461	19.6	0.191
86	145.5015641	19.59	0.186
62.7	169.4586546	19.57	0.18
102.8	145.3516416	19.55	0.21
159.2	141.7148217	19.54	0.277
190.3	128.6521114	19.52	0.312
206.6	138.0697036	19.51	0.305
212	144.1921397	19.49	0.279
225.5	169.3661605	19.48	0.316
216.2	150.3016928	19.46	0.469
193.5	129.5761138	19.5	0.579
183.2	128.0542255	19.54	0.558
176.4	129.3383252	19.6	0.5
169.2	132.7835393	19.65	0.439
184.4	128.0167799	19.69	0.48
179.2	128.5866722	19.71	0.378
163.3	137.4017445	19.72	0.246
186.3	128.0723698	19.73	0.187
153.4	149.6625543	19.72	0.137

41.57	160.2302	20.38	0.335	50.23	183.0659041	20.65
31.3	143.2953883	20.38	0.354	40.38	157.7974314	20.65
27.98	139.4672059	20.38	0.447	25.78	137.2899388	20.64
22.4	134.4523139	20.4	0.546	12	129.0911795	20.64
22.05	134.1916327	20.43	0.559	10.87	128.7863645	20.69
24.78	136.3884073	20.45	0.49	21.68	133.9225754	20.72
39.63	156.3360183	20.44	0.388	40.29	157.6191914	20.72
63.05	168.8199043	20.43	0.369	56.77	182.1466313	20.76
94.9	143.8675721	20.42	0.316	81	148.0158154	20.75
141.6	175.0397923	20.41	0.256	112.8	151.441929	20.78
186.3	128.0723698	20.37	0.24	159.1	141.8325805	20.76
200.3	132.977145	20.32	0.283	185.8	128.0440822	20.71
221.2	159.4584123	20.28	0.35	208.6	140.1309578	20.64
231.5	187.3568179	20.24	0.414	225.8	170.1401693	20.58
240.9	172.92492	20.22	0.556	237.2	181.0963649	20.54
244.7	165.9547117	20.23	0.717	237.4	180.615438	20.52
243	168.9104738	20.24	0.769	234.5	188.0789318	20.52
234.6	187.8032029	20.19	0.678	229.4	180.4133026	20.49
225.9	170.4007875	20.13	0.624	225.1	168.3521774	20.44
215.7	149.5047542	20.08	0.518	219	155.1495646	20.38
190.1	128.6080861	20.04	0.353	204.7	136.3185854	20.33
167.4	134.0091067	20.02	0.26	176.7	129.2425815	20.29
137.7	187.3568179	20	0.258	143.9	168.856618	20.26
108	147.8918251	19.99	0.366	115.6	154.1009172	20.26
90.1	144.310461	19.97	0.54	92.9	143.9289489	20.22
91.8	144.0375611	19.95	0.534	93.5	143.8921176	20.17
85.8	145.579304	19.93	0.464	87.1	145.1070106	20.13
77.37	150.6251445	19.9	0.424	80.2	148.5320061	20.11
76.01	151.7851312	19.88	0.401	79.41	149.0739084	20.08
89.9	144.3509966	19.85	0.309	93.4	143.897159	20.07
167.6	133.8652759	19.83	0.271	143.1	170.9259926	20.07
179.1	128.6080861	19.8	0.312	160.1	140.6829105	20.04
128.1	172.5243387	19.78	0.313	124	165.1323684	20.02
102.9	145.3884291	19.76	0.3	110.9	149.8904009	20.02
82.4	147.1897488	19.75	0.257	96.9	143.9815923	20.03
108.7	148.3346233	19.73	0.314	113.2	151.7940443	20
147.7	160.0831011	19.72	0.422	144	168.6037636	20.01
176.8	129.2114853	19.71	0.424	172.3	131.0235708	19.99
194	129.7583745	19.71	0.421	189.3	128.4479207	20
200.5	133.1085592	19.72	0.431	192.1	129.120645	20
215.6	149.347741	19.7	0.457	205.7	137.2158368	19.99
209.5	141.1353782	19.69	0.623	202.5	134.5279034	20.04
192.3	129.1807975	19.75	0.737	188.3	128.2833916	20.1
181.7	128.180153	19.8	0.736	177.8	128.9229071	20.14
173.8	130.3244035	19.85	0.689	171.4	131.490113	20.19
165.1	135.8056071	19.9	0.65	164.8	136.0597477	20.24
179.1	128.6080861	19.94	0.658	175	129.8341932	20.28
177.6	128.9773778	19.97	0.545	172.6	130.8759536	20.3
162	138.6639767	19.98	0.395	162	138.6639767	20.32
178.8	128.6747234	19.99	0.322	171.5	131.436508	20.32
155.9	145.9460296	19.98	0.253	157.7	143.5482783	20.3

0.469	75.35	152.3856298	155.113882	Yes
0.462	63.17	168.6034565	147.5132002	Yes
0.516	47.79	175.5837207	146.2887541	Yes
0.611	28.17	139.6682076	142.0626673	Yes
0.625	29.25	140.8514412	145.3358954	Yes
0.588	43.73	165.0294526	148.9981535	Yes
0.511	58.85	177.2673881	164.0865512	Yes
0.528	70.75	157.2976971	164.1504699	Yes
0.446	86	145.5015641	147.6314623	Yes
0.382	111	149.967168	149.8649162	Yes
0.289	128.5	173.3294827	145.7589433	Yes
0.239	153.6	149.347741	147.0757495	Yes
0.274	187.6	128.1916822	150.6160543	Yes
0.315	208.1	139.5939084	167.6419364	Yes
0.441	227.7	175.3254093	168.8683407	Yes
0.632	236.8	182.0726285	168.0843569	Yes
0.843	236.9	181.8267455	171.5044313	Yes
0.937	233.3	191.4980279	180.1220569	Yes
0.895	231	185.6327901	171.7775896	Yes
0.742	226.5	171.9924951	158.1556845	Yes
0.549	206.5	137.9726212	132.3519864	Yes
0.418	188.2	128.2691098	134.0591875	Yes
0.369	168.5	133.2418584	167.0426661	Yes
0.449	148.6	158.2364782	151.5701915	Yes
0.605	112.5	151.183739	146.7614118	Yes
0.592	114.1	152.6196347	146.7809745	Yes
0.538	112.1	150.8472717	146.9454078	Yes
0.515	104.9	146.2219614	150.3741918	Yes
0.49	103.8	145.7403654	152.3274429	Yes
0.438	122.7	163.0894665	149.8271214	Yes
0.427	152.9	150.4634796	148.2566324	Yes
0.464	151.6	152.6415793	139.2050454	Yes
0.477	138.2	185.6327901	172.8921121	Yes
0.449	135.6	190.6237893	155.0546579	Yes
0.365	126.8	170.0150814	156.8334653	Yes
0.452	131.9	180.8553063	163.0210638	Yes
0.57	162.5	138.1673439	147.4930616	Yes
0.594	176.2	129.4042052	133.3731463	Yes
0.634	185.1	128.0208746	140.755882	Yes
0.643	188.1	128.2552218	143.3498388	Yes
0.649	195.1	130.1961465	147.041372	Yes
0.817	195.8	130.5013785	147.7572173	Yes
0.981	190	128.5866722	131.7593811	Yes
0.965	183.5	128.0395961	129.868477	Yes
0.876	178.1	128.8442293	130.6344087	Yes
0.849	173.8	130.3244035	133.1506029	Yes
0.869	179.9	128.4479207	131.1629805	Yes
0.77	177.6	128.9773778	130.6112302	Yes
0.601	170.4	132.0507649	135.0865148	Yes
0.512	176.2	129.4042052	132.9636214	Yes
0.436	168.7	133.1085592	144.4812264	Yes

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9/10/2019	06:38	19.5	0.303
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9/10/2019	06:43	19.48	0.253
9/10/2019	06:44	19.5	0.166
9/10/2019	06:45	19.5	0.082
9/10/2019	06:46	19.5	0.065
9/10/2019	06:47	19.51	0.144
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9/10/2019	06:54	19.61	0.196
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9/10/2019	06:56	19.74	0.122
9/10/2019	06:57	19.82	0.139
9/10/2019	06:58	19.92	0.093
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9/10/2019	07:03	20.42	0.161
9/10/2019	07:04	20.52	0.172
9/10/2019	07:05	20.61	0.143
9/10/2019	07:06	20.72	0.187
9/10/2019	07:07	20.82	0.189
9/10/2019	07:08	20.92	0.202
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9/10/2019	07:10	21.17	0.198
9/10/2019	07:11	21.31	0.103

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78.16	149.9980249	19.56	0.284
78.16	149.9980249	19.57	0.306
86.4	145.3516416	19.58	0.33
78.43	149.7914028	19.58	0.277
79.84	148.7749521	19.55	0.236
71	156.9963458	19.52	0.244
72.41	155.3730709	19.48	0.17
86.2	145.4256783	19.45	0.206
93.4	143.897159	19.45	0.275
116.5	155.0549457	19.48	0.298
153.8	149.0360615	19.54	0.263
164	136.7605319	19.54	0.267
172.7	130.8276183	19.57	0.278
159.8	141.0213439	19.6	0.233
137	189.8495428	19.63	0.254
114.7	153.1961245	19.67	0.285
117.7	156.4059988	19.73	0.335
121.8	161.7528127	19.79	0.432
119.8	158.9978987	19.79	0.536
125.5	167.6628412	19.74	0.523
145.7	164.4935779	19.7	0.394
165.1	135.8056071	19.71	0.306
173.1	130.6386087	19.71	0.229
155.2	146.9398193	19.71	0.131
95.4	143.8796248	19.72	0.1
24.62	136.2491004	19.73	0.146
6.251	128.0691659	19.74	0.245
349.3	132.7199372	19.75	0.289
343	137.6847037	19.71	0.383
347.8	133.7233811	19.68	0.367
355.8	129.5409061	19.68	0.321
359.2	128.5866722	19.71	0.333
351.4	131.490113	19.76	0.262
4.093	128.0210121	19.81	0.147
15.09	130.1919371	19.9	0.166
23.33	135.1745359	19.99	0.175
60.13	174.504668	20.11	0.116
91.5	144.0764313	20.23	0.074
113.4	151.9734986	20.36	0.127
132.1	181.3386201	20.47	0.17
132.4	182.0726285	20.56	0.208
133.6	185.120437	20.61	0.215
111.8	150.6007104	20.68	0.239
151.4	152.989316	20.75	0.173
95.1	143.8710782	20.85	0.221
88.6	144.6580519	20.92	0.235
97.6	144.0630334	21.01	0.205
81	148.0158154	21.12	0.208
67.39	161.7673253	21.21	0.214
97.6	144.0630334	21.34	0.15

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60.75	173.2279667	19.75	0.294
56.13	183.7518877	19.76	0.353
60.19	174.3794002	19.76	0.383
53.9	189.7626755	19.75	0.38
56.08	183.8794603	19.72	0.342
50.18	182.9028117	19.69	0.332
44.83	167.6791732	19.65	0.246
57.36	180.7112428	19.62	0.276
65.37	164.8574771	19.67	0.324
95.2	143.8734887	19.73	0.333
128.1	172.5243387	19.8	0.357
139.1	182.6427564	19.82	0.37
153.8	149.0360615	19.88	0.359
145.1	165.9045121	19.91	0.326
122.8	163.2418433	19.93	0.312
105.3	146.4112828	19.94	0.317
102.8	145.3516416	19.98	0.362
99.8	144.4601404	20.04	0.466
91.3	144.1045518	20.07	0.519
96.9	143.9815923	20.06	0.601
117.6	156.2898875	20.03	0.577
137.3	188.7697038	20.03	0.443
143.9	168.856618	20	0.312
132.1	181.3386201	19.97	0.224
87	145.1405816	19.97	0.173
15.17	130.2257313	19.99	0.133
350.4	132.0507649	19.99	0.177
324.8	166.6259865	19.98	0.301
315.3	192.5757179	19.91	0.532
321.1	176.4826621	19.85	0.495
331	153.695204	19.83	0.466
335	147.2303008	19.83	0.394
328.2	159.0470698	19.84	0.326
340.4	140.3499361	19.87	0.25
355.3	129.7210908	19.92	0.204
2.706	128.0859756	19.99	0.202
28.84	140.3940193	20.08	0.161
44.97	168.0269994	20.17	0.116
76.67	151.2093319	20.28	0.142
99.2	144.3305061	20.38	0.179
106.8	147.1897488	20.45	0.215
107.6	147.6498563	20.5	0.237
90.5	144.234728	20.56	0.292
120.8	160.3391006	20.61	0.223
75.29	152.4414609	20.7	0.286
62.4	170.0150814	20.75	0.313
75.2	152.5255981	20.82	0.317
54.88	187.0384668	20.91	0.301
43.68	164.9124351	20.99	0.264
65.64	164.4257295	21.11	0.192

103.5	145.6188708	19.98	0.253	122.5	162.7870502	20.3
73.35	154.3609284	19.99	0.317	84.1	146.3156694	20.3
67.65	161.3924367	19.98	0.384	73.33	154.3818943	20.27
68.2	160.6159553	19.97	0.43	69.8	158.4811294	20.23
64.08	167.0036281	19.95	0.442	67.83	161.1358549	20.2
62.87	169.1470135	19.94	0.433	65.1	165.2951784	20.17
54.17	188.9987095	19.92	0.467	49.97	182.2224963	20.15
47.07	173.5501959	19.88	0.385	43.51	164.5167494	20.11
55.99	184.1098916	19.86	0.394	57.12	181.2900731	20.1
74.37	153.3238254	19.9	0.32	83.2	146.7610226	20.13
101.3	144.8548646	19.94	0.402	110	149.2234061	20.18
126.4	169.2750169	20.01	0.433	129.3	174.9883145	20.24
139.2	182.3192244	20.07	0.469	146.2	163.3495837	20.31
151.7	152.4689987	20.14	0.456	157.4	143.9325875	20.37
146.8	162.0137796	20.19	0.43	154.2	148.4219956	20.41
129.9	176.2761595	20.21	0.367	137.8	187.0083138	20.43
117.9	156.6401729	20.21	0.337	128.7	173.7380647	20.44
113.1	151.7051686	20.23	0.385	120.9	160.4771641	20.45
110.7	149.7384694	20.25	0.512	113.4	151.9734986	20.47
98.3	144.1660972	20.28	0.659	100.6	144.6580519	20.49
98.2	144.1500472	20.33	0.778	100.2	144.5555056	20.52
112.9	151.5291125	20.38	0.738	110	149.2234061	20.58
124.6	166.1216858	20.41	0.578	118.3	157.1163888	20.64
129.9	176.2761595	20.37	0.456	119.2	158.226888	20.65
123.8	164.8092124	20.33	0.399	113.8	152.3392627	20.66
101.4	144.8847909	20.33	0.312	108.2	148.0158154	20.68
54.15	189.0549447	20.38	0.195	92.8	143.936624	20.72
8.17	128.2649021	20.41	0.123	50.38	183.5577715	20.74
330	155.5222256	20.41	0.214	334.7	147.6715655	20.77
308.5	173.3294827	20.31	0.593	309.4	175.2003149	20.72
313.2	192.5757179	20.23	0.644	311.8	192.5757179	20.65
322	173.9118416	20.14	0.641	322.7	171.9924951	20.55
329	157.4417417	20.07	0.57	330.4	154.7805667	20.43
324.9	166.3842917	20.02	0.418	328	159.4584123	20.31
333.6	149.347741	20	0.346	332.4	151.2846063	20.26
348.4	133.3092177	20.02	0.293	340.9	139.8069561	20.28
356.8	129.2114853	20.06	0.313	343.8	136.9410396	20.33
18.33	131.7816639	20.11	0.247	357.1	129.120645	20.42
30.46	142.2617337	20.19	0.184	3.931	128.024727	20.51
58.91	177.1339485	20.27	0.183	27.19	138.6539054	20.61
79.95	148.7000113	20.36	0.202	59.24	176.4070545	20.7
98.5	144.1995259	20.44	0.281	86.2	145.4256783	20.77
99.2	144.3305061	20.49	0.306	93.1	143.914916	20.79
86.8	145.2090977	20.53	0.326	74.94	152.7713035	20.8
107	147.3018158	20.58	0.251	92.8	143.936624	20.82
73.69	154.0082445	20.65	0.364	56.15	183.7009474	20.87
64.61	166.1049505	20.68	0.39	48.38	177.3070402	20.88
71.16	156.8056507	20.74	0.34	55.77	184.67753	20.94
58.23	178.6696644	20.8	0.377	43.83	165.2643645	21.03
47.75	175.4687683	20.87	0.417	32.65	145.0544487	21.14
58.04	179.1080625	20.96	0.261	46.06	170.8205261	21.25

0.396	149.1	157.2454979	150.8692574	Yes
0.31	120.8	160.3391006	156.848338	Yes
0.294	102.7	145.3153153	158.9679118	Yes
0.371	98.2	144.1500472	156.5956347	Yes
0.365	93.8	143.8796248	162.3146372	Yes
0.323	94.7	143.8658191	162.1924847	Yes
0.388	80.4	148.3999072	171.9040541	Yes
0.344	70.28	157.8755427	163.7989464	Yes
0.302	88.8	144.6058796	167.2285531	Yes
0.318	124.4	165.7885774	154.9256123	Yes
0.459	141.1	176.4826621	153.8978734	Yes
0.524	152.1	151.7871691	163.5221801	Yes
0.598	163.8	136.9410396	160.4026272	Yes
0.591	172.1	131.1241663	141.4778865	Yes
0.549	170	132.2876789	149.929862	Yes
0.46	160.3	140.4603245	171.3672368	Yes
0.43	153.6	149.347741	155.8666772	Yes
0.459	145.1	165.9045121	155.968897	Yes
0.561	138.9	183.2949574	158.2439757	Yes
0.615	125.6	167.8384137	151.9530026	Yes
0.716	120.9	160.4771641	152.1654301	Yes
0.725	129.5	175.4133646	159.3898697	Yes
0.639	140	179.7911758	165.5209122	Yes
0.54	135.9	191.4980279	165.0992604	Yes
0.44	133.6	185.120437	166.1094703	Yes
0.351	134.7	188.0789318	153.9999489	Yes
0.22	126.2	168.9104738	153.6753749	Yes
0.101	113.7	152.2469608	144.837913	Yes
0.046	330	155.5222256	151.6123881	Yes
0.364	325.3	165.4295013	168.8439441	Yes
0.523	317.4	188.4136263	176.7542211	Yes
0.767	321.5	175.3254093	160.8931712	Yes
0.75	326.3	163.1241775	150.2326918	Yes
0.601	326.3	163.1241775	155.9008129	Yes
0.546	331.4	152.989316	144.3985223	Yes
0.462	338.5	142.5524154	135.1163234	Yes
0.483	335.8	146.0858429	135.0997759	Yes
0.375	347.6	133.8652759	141.9332544	Yes
0.313	354.9	129.8727295	142.4525242	Yes
0.282	16.75	130.9492718	149.9839912	Yes
0.276	45.99	170.6364726	164.2825329	Yes
0.344	76.16	151.6521148	154.1079392	Yes
0.386	91	144.1500472	153.0331525	Yes
0.425	73.08	154.6460407	149.4923761	Yes
0.323	80.6	148.2698482	150.5673409	Yes
0.465	61.53	171.6763969	161.1396256	Yes
0.496	57.38	180.6633167	167.7496881	Yes
0.456	57.67	179.9736911	163.6091006	Yes
0.467	52.28	190.1404725	173.8257567	Yes
0.477	51.87	188.6626789	167.1731313	Yes
0.4	57.4	180.615438	167.8065579	Yes

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9/10/2019	07:20	22.46	0.266
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9/10/2019	07:22	22.63	0.238
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9/10/2019	07:57	24.71	0.832
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9/10/2019	08:01	24.9	0.948
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127.7	171.7349716	21.86	0.212
141.4	175.6124958	21.99	0.295
151.8	152.2972712	22.1	0.304
156.3	145.3938588	22.22	0.287
166	135.0709716	22.34	0.252
148.7	158.0363201	22.44	0.296
136.6	191.31691	22.53	0.282
146.7	162.2336611	22.61	0.346
174.9	129.8727295	22.7	0.285
189.1	128.4118509	22.79	0.359
192.3	129.1807975	22.87	0.425
181.1	128.2552218	22.98	0.419
191.2	128.870052	23.08	0.529
199.5	132.4701664	23.14	0.503
208.3	139.8069561	23.19	0.48
206	137.4955162	23.25	0.543
198.9	132.1093104	23.32	0.506
203.3	135.1505606	23.4	0.529
196.6	130.8759536	23.46	0.426
199.6	132.5319155	23.54	0.514
202.4	134.4523139	23.6	0.597
191.1	128.8442293	23.65	0.489
196.6	130.8759536	23.66	0.74
191.8	129.0334674	23.69	0.585
189.5	128.4855767	23.75	0.615
194.6	129.9908531	23.84	0.669
190.6	128.7211479	23.88	0.676
191.5	128.9499403	23.92	0.679
201	133.4453614	23.99	0.552
182.7	128.0864199	24.08	0.561
196.3	130.7322487	24.17	0.597
191.5	128.9499403	24.29	0.547
191.3	128.8962779	24.38	0.914
202.8	134.7576487	24.35	1.038
205.5	137.032099	24.31	0.903
202.6	134.6039881	24.28	1.013
185.7	128.0395961	24.31	0.834
204.6	136.2317817	24.32	0.993
197.7	131.436508	24.32	1.186
193.8	129.6842235	24.35	0.952
188.8	128.3607156	24.45	0.718
192.2	129.1505175	24.6	0.839
188	128.2417275	24.72	0.802
180.4	128.3607156	24.82	0.832
183.6	128.0355004	24.88	0.778
191.3	128.8962779	24.99	0.847
198.3	131.7648252	25.03	0.962
202.9	134.8352272	24.99	1.162
194.5	129.9510588	24.97	1.041

67.1	162.1914802	21.28	0.149
71.24	156.7109346	21.43	0.213
110.6	149.6633025	21.58	0.211
122.8	163.2418433	21.69	0.338
134.9	188.6345537	21.79	0.315
139.4	181.6772422	21.88	0.372
143.1	170.9259926	21.98	0.299
137.3	188.7697038	22.06	0.37
122.2	162.3392225	22.14	0.38
130.2	176.9345288	22.23	0.385
148.4	158.6397721	22.32	0.355
155.3	146.7956779	22.4	0.403
162.3	138.3643054	22.47	0.478
160.5	140.2401479	22.57	0.454
163.1	137.5898354	22.67	0.514
172.2	131.0736496	22.73	0.594
180.8	128.2980674	22.79	0.643
178.6	128.7211479	22.84	0.641
173.7	130.3680067	22.92	0.528
182.2	128.1283904	22.98	0.691
177.6	128.9773778	23.04	0.7
169.5	132.5941263	23.11	0.699
177.6	128.9773778	23.16	0.802
174.1	130.1961465	23.21	0.791
174.5	130.0310681	23.22	0.969
172.8	130.7797169	23.25	0.923
171.8	131.2783518	23.3	0.907
164.7	136.145503	23.38	0.888
163.6	137.1236975	23.42	0.999
164	136.7605319	23.46	0.983
178.5	128.7449612	23.54	0.903
163	137.6847037	23.61	0.847
175.8	129.5409061	23.7	0.861
163.8	136.9410396	23.81	0.718
171.1	131.6535994	23.87	1.075
175.2	129.7583745	23.85	1.232
184.7	128.016195	23.83	1.222
178.7	128.6977354	23.83	1.456
166.9	134.3772185	23.88	1.185
178.2	128.8188092	23.89	1.402
169.3	132.7199372	23.9	1.42
169.3	132.7199372	23.92	1.247
167.9	133.6531567	24.03	1.089
167	134.3026158	24.15	1.038
165.2	135.7219305	24.26	1.047
161.9	138.7650022	24.32	1.271
164.4	136.4059155	24.38	0.901
165.4	135.5561236	24.47	1.128
176.5	129.3060009	24.51	1.203
180.4	128.3607156	24.48	1.276
169.3	132.7199372	24.48	1.222

68.14	160.6995804	21.09	0.197	55.44	185.5407312	21.37
72.3	155.4951241	21.23	0.275	64.56	166.1887114	21.52
99.1	144.310461	21.36	0.332	90	144.3305061	21.65
110.8	149.8141685	21.48	0.455	102.7	145.3153153	21.74
125	166.7980522	21.58	0.443	120.4	159.7940691	21.81
129.4	175.2003149	21.66	0.446	122.9	163.3950032	21.84
137.2	189.1277069	21.73	0.383	124.5	165.9547117	21.88
132.2	181.5820782	21.8	0.422	125.2	167.1413681	21.95
117.1	155.7190033	21.89	0.497	110.2	149.3679312	22.05
123.2	163.8592137	21.98	0.546	115.5	153.9979779	22.14
133.1	183.8283932	22.06	0.484	131.2	179.2008824	22.21
151.2	153.3405134	22.16	0.545	145.1	165.9045121	22.3
156	145.8069274	22.25	0.588	152.4	151.2846063	22.39
158.9	142.0699862	22.36	0.594	152.8	150.6260744	22.49
159.9	140.9079226	22.46	0.635	158.8	142.1896378	22.58
167.2	134.1548834	22.54	0.676	163.4	137.3085186	22.66
177	129.1505175	22.61	0.646	169.7	132.4701664	22.73
178.4	128.7691755	22.67	0.688	172.9	130.7322487	22.8
174.6	129.9908531	22.75	0.614	168	133.5834127	22.88
176.3	129.3710598	22.81	0.683	171.5	131.436508	22.94
171	131.7089882	22.87	0.564	165.6	135.3923691	23.02
166.9	134.3772185	22.95	0.683	161.9	138.7650022	23.09
171.6	131.3833467	23	0.769	167.3	134.0817512	23.14
170	132.2876789	23.05	0.743	163.3	137.4017445	23.19
171.2	131.5986579	23.07	1.014	166	135.0709716	23.19
172.3	131.0235708	23.1	0.733	162.5	138.1673439	23.21
170.5	131.9926732	23.15	0.822	162.5	138.1673439	23.26
165.3	135.6387698	23.21	0.878	156.8	144.7193684	23.31
165.8	135.2306555	23.25	0.944	161.2	139.4882645	23.34
163.4	137.3085186	23.28	0.926	154.4	148.1195561	23.37
174.5	130.0310681	23.35	0.775	171.1	131.6535994	23.45
169.2	132.7835393	23.42	0.806	159.8	141.0213439	23.52
171.9	131.2265166	23.5	0.745	165.9	135.1505606	23.61
168	133.5834127	23.6	0.7	156.9	144.586539	23.71
168.4	133.3092177	23.66	1.136	165	135.8898012	23.75
172.5	130.9247236	23.66	1.369	168	133.5834127	23.73
179.4	128.5450401	23.65	1.16	174	130.2384741	23.73
171.1	131.6535994	23.67	1.398	167.6	133.8652759	23.73
171	131.7089882	23.71	1.125	161.1	139.5939084	23.78
173.6	130.4120364	23.73	1.306	168.4	133.3092177	23.8
162.9	137.780123	23.75	1.534	161.6	139.0715101	23.82
168.7	133.1085592	23.77	1.183	164.4	136.4059155	23.85
166.3	134.8352272	23.87	0.892	159.1	141.8325805	23.96
161.6	139.0715101	23.98	1	157.8	143.4215034	24.07
159.6	141.2500277	24.07	1.084	158.8	142.1896378	24.16
160.4	140.3499361	24.11	1.106	157	144.4543929	24.17
162.9	137.780123	24.16	0.981	153.1	150.1407104	24.22
162.9	137.780123	24.24	1.15	159.1	141.8325805	24.29
170.1	132.2277664	24.28	1.221	167.6	133.8652759	24.34
176.5	129.3060009	24.28	1.535	173	130.6852129	24.32
165.8	135.2306555	24.28	1.309	162.3	138.3643054	24.32

0.366	62.32	170.1648687	164.5293475	Yes
0.404	77.87	150.2243093	154.5819881	Yes
0.345	94.1	143.8710782	150.7820639	Yes
0.501	107.4	147.531862	156.303137	Yes
0.567	123.5	164.3305874	166.3709067	Yes
0.612	129.9	176.2761595	168.3885157	Yes
0.535	133.9	185.9112491	169.3981264	Yes
0.596	128.5	173.3294827	173.7717906	Yes
0.545	120.4	159.7940691	163.7074272	Yes
0.632	126.9	170.2024087	165.445558	Yes
0.676	141.6	175.0397923	165.3163139	Yes
0.642	150.1	155.335435	149.9575979	Yes
0.778	161.6	139.0715101	140.7416293	Yes
0.727	157.4	143.9325875	141.0248036	Yes
0.712	166	135.0709716	136.9256839	Yes
0.84	171	131.7089882	133.3432412	Yes
0.836	174.9	129.8727295	131.9196874	Yes
0.86	179	128.6298991	130.8695975	Yes
0.682	174.6	129.9908531	131.2084872	Yes
0.824	175.4	129.6842235	130.7541484	Yes
0.783	171	131.7089882	131.7327354	Yes
0.774	168.2	133.4453614	134.3427248	Yes
0.875	174.3	130.1127622	131.8015104	Yes
0.949	169.8	132.4088779	132.2277354	Yes
1.175	172.4	130.9739291	131.710116	Yes
1.106	171.8	131.2783518	132.0564902	Yes
1.098	169.4	132.6567999	132.5161491	Yes
0.989	165.6	135.3923691	136.3773727	Yes
1.131	168.7	133.1085592	134.7344649	Yes
1.073	161.8	138.8665983	138.0010291	Yes
0.969	175.8	129.5409061	130.6831792	Yes
0.865	166.5	134.6805694	134.8513153	Yes
0.83	173	130.6852129	131.467089	Yes
0.817	166.8	134.4523139	135.7026491	Yes
1.3	166.8	134.4523139	132.840242	Yes
1.554	172.4	130.9739291	131.9996177	Yes
1.386	178.9	128.6521114	130.4967839	Yes
1.701	172.9	130.7322487	131.9105695	Yes
1.351	168.6	133.1749726	133.3789368	Yes
1.616	176.7	129.2425815	131.6028853	Yes
1.715	163.6	137.1236975	135.6263552	Yes
1.411	168.7	133.1085592	133.0054389	Yes
1.18	165.7	135.3112579	134.7985876	Yes
1.173	163.9	136.8505178	136.5593329	Yes
1.247	164.1	136.6710803	136.8148807	Yes
1.538	165.9	135.1505606	137.4161215	Yes
1.054	164.6	136.2317817	137.7188062	Yes
1.432	163.9	136.8505178	136.1831246	Yes
1.413	171.8	131.2783518	131.688444	Yes
1.682	178.5	128.7449612	130.3864236	Yes
1.49	171.2	131.5986579	133.572923	Yes

19.92
62.04
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10.31
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9.59
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10.07
7.2
7.74
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8.58
8.84
9.09
12.75

9/10/2019	08:03	24.95	0.957
9/10/2019	08:04	24.97	0.935
9/10/2019	08:05	25.03	0.958
9/10/2019	08:06	25.06	1.047
9/10/2019	08:07	25.11	1.087
9/10/2019	08:08	25.18	1.09
9/10/2019	08:09	25.23	0.977
9/10/2019	08:10	25.28	0.868
9/10/2019	08:11	25.37	0.912
9/10/2019	08:12	25.41	0.817
9/10/2019	08:13	25.43	1.028
9/10/2019	08:14	25.5	0.848
9/10/2019	08:15	25.59	0.983
9/10/2019	08:16	25.69	0.992
9/10/2019	08:17	25.72	0.807
9/10/2019	08:18	25.87	0.716
9/10/2019	08:19	26.06	0.939
9/10/2019	08:20	26.14	0.792
9/10/2019	08:21	26.2	0.888
9/10/2019	08:22	26.24	0.907
9/10/2019	08:23	26.34	0.827
9/10/2019	08:24	26.46	0.661
9/10/2019	08:25	26.53	0.947
9/10/2019	08:26	26.54	1.028
9/10/2019	08:27	26.55	0.577
9/10/2019	08:28	26.65	0.928
9/10/2019	08:29	26.66	1.077
9/10/2019	08:30	26.65	1.061
9/10/2019	08:31	26.67	1.034
9/10/2019	08:32	26.75	0.857
9/10/2019	08:33	26.8	0.918
9/10/2019	08:34	26.87	0.782
9/10/2019	08:35	27	0.618
9/10/2019	08:36	27.13	0.746
9/10/2019	08:37	27.16	1.052
9/10/2019	08:38	27.28	0.707
9/10/2019	08:39	27.42	0.804
9/10/2019	08:40	27.46	1.103
9/10/2019	08:41	27.46	0.854
9/10/2019	08:42	27.5	0.647
9/10/2019	08:43	27.57	0.757
9/10/2019	08:44	27.59	0.744
9/10/2019	08:45	27.79	0.593
9/10/2019	08:46	27.91	0.993
9/10/2019	08:47	28	1.137
9/10/2019	08:48	27.99	1.378
9/10/2019	08:49	27.91	1.156
9/10/2019	08:50	27.84	1.262
9/10/2019	08:51	27.79	0.967
9/10/2019	08:52	27.84	0.993
9/10/2019	08:53	27.84	0.754

187.4	128.1690162	25.02	0.991
201.5	133.7940871	25.05	1.008
192.2	129.1505175	25.11	1.056
200.4	133.042617	25.14	1.153
199.6	132.5319155	25.17	1.186
205.1	136.6710803	25.25	1.079
219.2	155.5222256	25.29	1.102
219.9	156.8559046	25.32	0.978
217.4	152.2972712	25.41	0.972
207.7	139.1748294	25.46	0.896
212.5	144.8528837	25.48	1.184
197	131.0736496	25.55	0.939
201.7	133.9369487	25.65	1.004
194.4	129.9116845	25.76	1.084
200.1	132.8476073	25.79	0.892
182.5	128.1020341	25.94	0.77
186.9	128.1192135	26.15	1.065
196.9	131.0235708	26.2	0.84
222.8	162.8998881	26.25	1.039
221.2	159.4584123	26.28	1.054
214.7	147.9694733	26.38	0.899
210.3	142.0699862	26.49	0.759
212.1	144.3229273	26.59	1.055
226.7	172.5339195	26.59	1.124
211.1	143.0451277	26.58	0.646
213.6	146.3676144	26.72	1.011
228.2	176.7757169	26.75	1.218
214.1	147.0846926	26.73	1.183
207.7	139.1748294	26.74	1.029
210.3	142.0699862	26.84	0.97
222.5	162.2336611	26.9	1.006
219.3	155.7099409	26.97	0.956
215.4	149.0360615	27.13	0.693
208.5	140.0223639	27.29	0.945
208.6	140.1309578	27.33	1.07
220.7	158.4376272	27.45	0.63
207.2	138.6639767	27.62	0.851
213.5	146.2263702	27.64	1.077
210.8	142.6746234	27.59	0.954
233.2	191.7923969	27.66	0.794
199.3	132.3480491	27.74	0.942
214	146.9398193	27.76	0.811
221.3	159.6656133	27.98	0.638
236.1	183.8283932	28.11	0.912
235.2	186.1774937	28.18	1.047
228.6	177.9631823	28.1	1.328
225.5	169.3661605	27.94	1.16
232.2	189.8495428	27.85	1.13
223.7	164.9592071	27.79	1.062
223.7	164.9592071	27.85	0.92
229.2	179.7911758	27.86	0.739

165.7	135.3112579	24.55	1.239
177.2	129.0911795	24.59	1.283
171.3	131.5441627	24.65	1.205
175.6	129.6117355	24.67	1.428
169.2	132.7835393	24.71	1.25
184	128.0230196	24.78	1.241
197.5	131.3306282	24.82	1.329
196.4	130.7797169	24.86	1.132
194.9	130.1127622	24.97	0.99
188.6	128.328602	25	1.211
188.6	128.328602	25.03	1.27
173.8	130.3244035	25.08	0.884
178.3	128.7937914	25.16	1.175
171.5	131.436508	25.25	1.292
178.1	128.8442293	25.27	0.991
157.4	143.9325875	25.42	0.628
164.5	136.3185854	25.59	1.185
175.2	129.7583745	25.62	0.935
203.4	135.2306555	25.68	1.179
199.5	132.4701664	25.73	0.96
195.4	130.3244035	25.83	0.894
189.5	128.4855767	25.95	0.89
190.6	128.7211479	26.04	1.016
203.4	135.2306555	26.02	1.319
191.1	128.8442293	26.01	0.765
186.6	128.0940314	26.16	1.012
207.4	138.8665983	26.19	1.176
196.3	130.7322487	26.17	1.33
185.6	128.0355004	26.2	1.108
185.4	128.0284797	26.29	1.118
205	136.5821614	26.34	1.023
194.3	129.8727295	26.42	1.054
188.9	128.3773651	26.58	0.732
184.3	128.0177548	26.72	1.014
180.8	128.2980674	26.72	1.107
200.2	132.9121422	26.86	0.656
180.7	128.3131374	27.01	0.884
188.7	128.3444613	26.99	1.351
190.4	128.6747234	26.94	1.019
211.2	143.1699306	27.03	0.996
171.6	131.3833467	27.11	0.986
192.6	129.2740865	27.12	0.796
197.8	131.490113	27.33	0.745
212.7	145.1219829	27.42	0.815
210.8	142.6746234	27.52	1.141
210	141.7148217	27.47	1.406
204.2	135.8898012	27.34	1.266
206.5	137.9726212	27.27	1.428
196.2	130.6852129	27.23	1.208
199	132.1683105	27.28	1.312
207.5	138.968767	27.29	0.763

162.3	138.3643054	24.34	1.347	157.3	144.0620273	24.39
173	130.6852129	24.4	1.232	168.5	133.2418584	24.46
167.2	134.1548834	24.47	1.404	163.8	136.9410396	24.52
169.8	132.4088779	24.48	1.462	165.6	135.3923691	24.51
166.7	134.5279034	24.52	1.479	162.8	137.8760949	24.56
180.1	128.4118509	24.6	1.412	175.6	129.6117355	24.64
192.1	129.120645	24.63	1.423	188.1	128.2552218	24.67
192.9	129.3710598	24.67	1.228	188.2	128.2691098	24.71
191.1	128.8442293	24.78	1.164	189	128.3944101	24.83
189.9	128.565657	24.81	1.152	184.3	128.0177548	24.87
181.8	128.1690162	24.85	1.477	177.9	128.8962779	24.9
172.8	130.7797169	24.89	1.104	170	132.2876789	24.95
171.3	131.5441627	24.95	1.257	168.6	133.1749726	25
164.8	136.0597477	25.02	1.419	164.6	136.2317817	25.06
169.3	132.7199372	25.03	1.141	165.4	135.5561236	25.05
154.5	147.9694733	25.17	0.926	150.1	155.335435	25.22
159.8	141.0213439	25.32	1.292	154.8	147.5237341	25.36
171.4	131.490113	25.34	1.136	165.2	135.7219305	25.35
195.2	130.2384741	25.42	1.189	193.2	129.4717308	25.45
191.6	128.9773778	25.47	1.272	191.4	128.9229071	25.49
191.2	128.870052	25.56	1.17	188.2	128.2691098	25.59
182.5	128.1020341	25.7	0.917	175	129.8341932	25.72
188.3	128.2833916	25.8	1.224	183.4	128.0440822	25.8
190.5	128.6977354	25.77	1.344	190.9	128.7937914	25.76
190.1	128.6080861	25.77	0.799	183.2	128.0542255	25.79
177.4	129.0334674	25.91	1.187	176.6	129.2740865	25.92
200.9	133.3770516	25.93	1.442	196	130.5924354	25.9
188	128.2417275	25.91	1.459	186.1	128.0598829	25.87
180	128.4296876	25.97	1.29	179.4	128.5450401	25.94
182.8	128.0791994	26.05	1.173	178.9	128.6521114	26.01
195.2	130.2384741	26.09	1.205	192.4	129.2114853	26.06
192.6	129.2740865	26.17	1.169	190.3	128.6521114	26.14
183.9	128.0255546	26.32	0.836	183	128.065931	26.3
176	129.4717308	26.44	1.146	168.4	133.3092177	26.41
179.3	128.565657	26.43	1.343	170.5	131.9926732	26.37
196.6	130.8759536	26.56	0.82	195.9	130.5466922	26.51
173.9	130.2812262	26.71	1.168	164.2	136.5821614	26.65
179.9	128.4479207	26.68	1.355	177.4	129.0334674	26.6
178.6	128.7211479	26.63	1.15	178.1	128.8442293	26.58
203	134.9133063	26.72	1.043	205.3	136.8505178	26.69
173.1	130.6386087	26.8	1.121	164.8	136.0597477	26.73
190.9	128.7937914	26.81	1.023	185.3	128.0255546	26.73
199	132.1683105	26.99	0.824	200.9	133.3770516	26.91
209.4	141.0213439	27.05	1.141	211	142.9209771	26.94
209.1	140.6829105	27.13	1.338	211.5	143.5482783	27.01
204.3	135.9745142	27.12	1.611	207.9	139.3832047	26.96
201.5	133.7940871	26.99	1.488	200.2	132.9121422	26.84
201.2	133.5834127	26.93	1.43	202.1	134.2285045	26.76
191.4	128.9229071	26.91	1.246	187.7	128.2036041	26.76
189.3	128.4479207	26.97	1.213	190.5	128.6977354	26.81
199.3	132.3480491	26.97	0.942	199.5	132.4701664	26.83

1.582	163.6	137.1236975	136.6060609	Yes
1.636	176.8	129.2114853	131.2047646	Yes
1.604	166.7	134.5279034	133.2637013	Yes
1.692	173.4	130.5013785	132.1913956	Yes
1.68	170.6	131.9350344	133.9308975	Yes
1.53	181.4	128.2159189	130.186721	Yes
1.805	190.9	128.7937914	134.6045024	Yes
1.499	190.4	128.6747234	134.7901029	Yes
1.294	190.9	128.7937914	133.6884929	Yes
1.488	189.8	128.5450401	130.5263767	Yes
1.598	183	128.065931	131.6625421	Yes
1.203	179.4	128.5450401	130.6020978	Yes
1.551	172.7	130.8276183	131.6554988	Yes
1.68	171.9	131.2265166	132.9732477	Yes
1.34	168.6	133.1749726	132.628574	Yes
0.963	159.7	141.1353782	143.2949816	Yes
1.579	161.3	139.3832047	138.4732163	Yes
1.292	174.3	130.1127622	131.6213502	Yes
1.443	196.6	130.8759536	137.7433404	Yes
1.363	194.3	129.8727295	135.9403186	Yes
1.303	188.2	128.2691098	132.7404297	Yes
1.196	187.2	128.1479193	131.3279419	Yes
1.35	190.9	128.7937914	131.6330681	Yes
1.569	191.4	128.9229071	138.8358018	Yes
0.961	190.4	128.6747234	131.4452784	Yes
1.297	179.5	128.5248214	132.2588042	Yes
1.604	199.1	132.2277664	142.3679137	Yes
1.677	189.9	128.565657	132.5368417	Yes
1.477	187.7	128.2036041	130.4777324	Yes
1.336	185	128.0191197	130.9697793	Yes
1.386	198.9	132.1093104	138.0750185	Yes
1.333	193.5	129.5761138	134.6169964	Yes
1.02	185.3	128.0255546	132.3060934	Yes
1.348	172.2	131.0736496	132.3789434	Yes
1.402	177.8	128.9229071	131.5820525	Yes
0.991	201.8	134.0091067	137.3563044	Yes
1.167	172.2	131.0736496	132.9828303	Yes
1.542	183.7	128.031795	132.0168029	Yes
1.31	181.5	128.2036041	131.4236656	Yes
1.339	204	135.7219305	148.4896164	Yes
1.322	179	128.6298991	131.8119302	Yes
1.052	193.2	129.4717308	132.5009965	Yes
1.032	202.9	134.8352272	138.3072632	Yes
1.196	211.5	143.5482783	151.2881951	Yes
1.601	211.9	144.0620273	151.4290666	Yes
1.836	210.4	142.1896378	147.4450722	Yes
1.673	205.2	136.7605319	141.7445446	Yes
1.795	203.2	135.0709716	146.1410106	Yes
1.524	192.2	129.1505175	136.3842898	Yes
1.563	191.4	128.9229071	136.6392162	Yes
1.025	202.5	134.5279034	143.6212123	Yes

16.28
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9.09

9/10/2019	08:54	27.98	0.792
9/10/2019	08:55	28.07	0.853
9/10/2019	08:56	28.16	0.727
9/10/2019	08:57	28.31	0.807
9/10/2019	08:58	28.37	0.993
9/10/2019	08:59	28.42	0.727
9/10/2019	09:00	28.53	0.649
9/10/2019	09:01	28.52	0.934
9/10/2019	09:02	28.55	0.708
9/10/2019	09:03	28.63	1.109
9/10/2019	09:04	28.68	0.862
9/10/2019	09:05	28.75	0.684
9/10/2019	09:06	28.9	0.478
9/10/2019	09:07	29.01	0.865
9/10/2019	09:08	29.13	0.609
9/10/2019	09:09	29.11	0.619
9/10/2019	09:10	29.15	0.847
9/10/2019	09:11	29.22	0.534
9/10/2019	09:12	29.34	0.862
9/10/2019	09:13	29.32	0.657
9/10/2019	09:14	29.31	0.936
9/10/2019	09:15	29.32	0.899
9/10/2019	09:16	29.35	0.653
9/10/2019	09:17	29.41	1.019
9/10/2019	09:18	29.37	0.725
9/10/2019	09:19	29.43	0.638
9/10/2019	09:20	29.48	0.772
9/10/2019	09:21	29.57	0.743
9/10/2019	09:22	29.6	0.686
9/10/2019	09:23	29.74	0.779
9/10/2019	09:24	29.79	0.807
9/10/2019	09:25	29.94	0.728
9/10/2019	09:26	30.09	0.85
9/10/2019	09:27	30.17	0.698
9/10/2019	09:28	30.36	0.698
9/10/2019	09:29	30.51	0.76
9/10/2019	09:30	30.43	0.982
9/10/2019	09:31	30.29	0.983
9/10/2019	09:32	30.27	1.063
9/10/2019	09:33	30.19	0.904
9/10/2019	09:34	30.24	0.527
9/10/2019	09:35	30.42	0.672
9/10/2019	09:36	30.62	0.587
9/10/2019	09:37	30.79	0.849
9/10/2019	09:38	30.81	0.755
9/10/2019	09:39	30.88	0.64
9/10/2019	09:40	31.07	0.674
9/10/2019	09:41	31.1	0.929
9/10/2019	09:42	31.1	0.541
9/10/2019	09:43	31.16	0.983
9/10/2019	09:44	31.11	0.898

241.9	170.9610894	28.04	0.846
248.1	160.7554768	28.13	0.884
214.8	148.1195561	28.23	0.685
221.3	159.6656133	28.4	0.843
195.1	130.1961465	28.46	0.984
204.3	135.9745142	28.49	0.863
211.4	143.4215034	28.61	0.785
209.9	141.5976893	28.62	1.104
190.6	128.7211479	28.61	0.77
186.2	128.065931	28.71	1.062
214.9	148.2703958	28.75	0.959
193.1	129.4377621	28.82	0.718
188.8	128.3607156	29	0.531
165.1	135.8056071	29.14	0.787
197.1	131.1241663	29.27	0.79
205.1	136.6710803	29.22	0.813
233.4	191.2051427	29.25	0.786
211.2	143.1699306	29.29	0.616
192.6	129.2740865	29.44	1.095
186.4	128.0791994	29.4	0.777
190.4	128.6747234	29.37	1.238
169.2	132.7835393	29.35	0.993
151.4	152.989316	29.37	0.691
177.1	129.120645	29.43	1.055
200.2	132.9121422	29.37	0.88
188.6	128.328602	29.43	0.752
208.3	139.8069561	29.5	0.845
201.3	133.6531567	29.63	0.871
193.9	129.7210908	29.67	0.76
185.5	128.031795	29.82	0.772
194	129.7583745	29.86	0.886
194.7	130.0310681	30	0.678
199.9	132.7199372	30.16	1.017
206.5	137.9726212	30.22	0.829
148.7	158.0363201	30.42	0.736
197.2	131.1751217	30.6	0.752
201.7	133.9369487	30.5	1.334
187.3	128.1582717	30.3	1.138
179.1	128.6080861	30.27	1.245
145.4	165.1937679	30.21	1.071
168.6	133.1749726	30.23	0.754
179.2	128.5866722	30.44	0.775
156.2	145.5308449	30.67	0.776
159	141.9509679	30.84	0.988
144	168.6037636	30.85	0.942
186	128.0542255	30.9	0.855
190.8	128.7691755	31.06	0.804
219.1	155.335435	31.07	1.093
179.7	128.4855767	31.07	0.686
177.8	128.9229071	31.16	1.121
175	129.8341932	31.1	1.005

215.5	149.1915112	27.48	1.044
227.7	175.3254093	27.58	1.23
190.3	128.6521114	27.68	0.843
193.2	129.4717308	27.83	0.831
173.2	130.5924354	27.89	1.146
180	128.4296876	27.88	1.129
181.6	128.1916822	27.97	1.026
187.2	128.1479193	27.94	1.462
165.4	135.5561236	27.95	0.957
159.5	141.3652945	28.03	1.282
183.8	128.0284797	28.08	1.296
168.4	133.3092177	28.15	0.856
169.1	132.8476073	28.33	0.675
147.3	160.9305691	28.49	0.877
172.4	130.9739291	28.62	1.052
184.2	128.0191197	28.58	0.972
206.5	137.9726212	28.64	0.973
186.3	128.0723698	28.7	0.763
162.2	138.4636301	28.84	1.275
159.9	140.9079226	28.79	1.016
165.9	135.1505606	28.73	1.5
143.7	169.3661605	28.72	1.185
135.1	189.1957803	28.75	1.042
156.3	145.3938588	28.81	1.373
172.9	130.7322487	28.73	1.015
175.9	129.506112	28.81	0.884
180	128.4296876	28.87	1.029
178.7	128.6977354	29.01	1.047
166.9	134.3772185	29.06	0.916
163.8	136.9410396	29.2	0.922
171.8	131.2783518	29.21	0.989
172.7	130.8276183	29.31	0.82
179.9	128.4479207	29.47	1.16
184.5	128.016195	29.52	1.055
138	186.3168781	29.73	0.837
174.4	130.0717042	29.89	0.917
175	129.8341932	29.78	1.556
160.8	139.914364	29.61	1.365
155	147.2303008	29.59	1.483
129	174.3585583	29.55	1.22
141.1	176.4826621	29.61	0.836
151.4	152.989316	29.81	0.787
135.6	190.6237893	30.03	0.888
139.1	182.6427564	30.17	1.178
123.5	164.3305874	30.15	1.059
163.1	137.5898354	30.22	1.061
174.7	129.9510588	30.32	0.769
191.3	128.8962779	30.28	1.291
155.3	146.7956779	30.28	0.9
149.4	156.6625457	30.35	1.338
145.4	165.1937679	30.3	1.043

213.4	146.0858429	27.14	1.174	215.2	148.7274886	27.02
226.5	171.9924951	27.21	1.275	223.8	165.1937679	27.05
186.5	128.0864199	27.29	0.917	187.6	128.1916822	27.12
189.2	128.4296876	27.43	0.996	191.3	128.8962779	27.27
170.8	131.8211113	27.5	1.361	160.7	140.0223639	27.32
179	128.6298991	27.47	1.111	170.2	132.1683105	27.31
175.2	129.7583745	27.57	1.014	171	131.7089882	27.42
181.8	128.1690162	27.55	1.365	178.3	128.7937914	27.41
162.2	138.4636301	27.56	0.995	152.6	150.9537025	27.44
158.4	142.6746234	27.63	1.482	150.9	153.8738695	27.51
182.1	128.1379589	27.68	1.287	170.4	132.0507649	27.55
170.1	132.2277664	27.72	0.99	157.5	143.8038178	27.58
174.2	130.1542428	27.87	0.727	161.8	138.8665983	27.72
147.6	160.2933984	28.02	1.108	140.3	178.8700569	27.86
169.1	132.8476073	28.16	1.006	164.3	136.4937737	27.99
176.2	129.4042052	28.15	1.013	172.4	130.9739291	28
199.5	132.4701664	28.22	1.104	201.9	134.0817512	28.08
186.6	128.0940314	28.28	0.727	177.9	128.8962779	28.15
154.4	148.1195561	28.42	1.327	152.6	150.9537025	28.3
161.5	139.1748294	28.4	0.99	149.5	156.470139	28.31
161.9	138.7650022	28.34	1.614	151.4	152.989316	28.24
142	173.9118416	28.31	1.505	135.7	190.9137326	28.15
134.6	187.8032029	28.32	1.102	126.1	168.7295603	28.14
154.5	147.9694733	28.39	1.496	147.6	160.2933984	28.17
170.2	132.1683105	28.33	1.198	162.5	138.1673439	28.12
175.2	129.7583745	28.4	0.945	165.4	135.5561236	28.21
176.9	129.1807975	28.48	1.012	169.6	132.5319155	28.28
173.3	130.5466922	28.62	1.101	171.8	131.2783518	28.44
164.9	135.9745142	28.66	0.948	157	144.4543929	28.47
157.6	143.6757156	28.77	1.051	155.5	146.5095784	28.59
172.6	130.8759536	28.78	1.239	165	135.8898012	28.56
172	131.1751217	28.85	0.93	169.7	132.4701664	28.65
176.9	129.1807975	29.02	1.355	170.7	131.8778474	28.78
180	128.4296876	29.08	0.984	172.6	130.8759536	28.86
137	189.8495428	29.28	0.957	135.8	191.2051427	29.05
167.4	134.0091067	29.43	0.888	163.1	137.5898354	29.18
169.4	132.6567999	29.33	1.72	164.7	136.145503	29.09
156.3	145.3938588	29.18	1.476	154.8	147.5237341	28.96
149.6	156.2786798	29.14	1.586	146.1	163.5761126	28.91
126.6	169.6432085	29.13	1.454	121.6	161.4641376	28.92
141.6	175.0397923	29.19	0.959	134.1	186.4450707	28.96
152.4	151.2846063	29.38	0.959	145.6	164.7258126	29.14
130.9	178.509184	29.58	0.908	125.3	167.3143222	29.37
134.1	186.4450707	29.68	1.388	132.1	181.3386201	29.43
121.8	161.7528127	29.63	1.193	120.6	160.0651457	29.39
161.2	139.4882645	29.72	1.143	159.4	141.481181	29.52
174.7	129.9510588	29.83	0.983	175.2	129.7583745	29.65
186.6	128.0940314	29.8	1.325	181.7	128.180153	29.56
153.2	149.9805289	29.76	0.833	155.9	145.9460296	29.54
145.1	165.9045121	29.79	1.46	139.4	181.6772422	29.56
145.2	165.6664139	29.73	1.269	143.4	170.1401693	29.48

1.356	216.4	150.6260744	153.1184013	Yes
1.572	223.5	164.4935779	167.5521454	Yes
1.067	192.2	129.1505175	132.4400574	Yes
1.039	194.3	129.8727295	135.2672078	Yes
1.514	166	135.0709716	133.5406057	Yes
1.323	179.7	128.4855767	130.7375976	Yes
1.207	176.1	129.4377621	132.5036621	Yes
1.633	183.6	128.0355004	130.9487833	Yes
1.151	159.8	141.0213439	138.9431896	Yes
1.56	160.4	140.3499361	141.2659309	Yes
1.468	180.1	128.4118509	132.97989	Yes
1.118	168.5	133.2418584	134.4040845	Yes
0.741	172.8	130.7797169	132.2017762	Yes
1.294	148.1	159.2522329	159.0303729	Yes
1.287	171.7	131.3306282	132.5540209	Yes
1.19	179.4	128.5450401	130.7226749	Yes
1.238	206	137.4955162	146.6450395	Yes
0.958	198	131.5986579	131.9662535	Yes
1.484	166.1	134.9918873	140.3605725	Yes
1.307	159.2	141.7148217	141.2693824	Yes
1.89	158.4	142.6746234	139.6508451	Yes
1.659	143.4	170.1401693	167.4230887	Yes
1.366	138.6	184.28627	176.6008259	Yes
1.713	154.7	147.6715655	146.0897882	Yes
1.396	170.8	131.8211113	133.1602313	Yes
1.142	175.2	129.7583745	130.5815173	Yes
1.258	176.1	129.4377621	131.8774238	Yes
1.231	177.1	129.120645	130.6593162	Yes
1.076	164	136.7605319	136.2575497	Yes
1.18	162.6	138.0697036	138.6455664	Yes
1.39	172.9	130.7322487	131.706946	Yes
1.18	181.1	128.2552218	130.5518392	Yes
1.561	175.3	129.7210908	130.3895187	Yes
1.364	177.3	129.0621204	130.8713156	Yes
1.099	142.5	172.5339195	179.5883606	Yes
1.09	168.5	133.2418584	133.2175253	Yes
2.102	168.1	133.514148	133.2175186	Yes
1.808	159.7	141.1353782	140.4251214	Yes
1.846	154.3	148.2703958	148.792715	Yes
1.597	131.7	180.3767538	170.2072852	Yes
1.099	144.2	168.1018522	167.84887	Yes
0.943	154	148.7274886	149.2627791	Yes
1.063	136.2	192.385621	174.8727523	Yes
1.578	137.9	186.6616714	175.8078173	Yes
1.202	132.3	181.8267455	167.315811	Yes
1.518	166.1	134.9918873	136.3210787	Yes
0.991	189.4	128.4665503	129.3792436	Yes
1.588	183.2	128.0542255	133.7120246	Yes
1.115	159.4	141.481181	142.5377988	Yes
1.672	145	166.1438025	159.8622019	Yes
1.33	149.8	155.8985853	157.3466259	Yes

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7.14
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9/10/2019	09:49	31.31	1.206
9/10/2019	09:50	31.34	0.852
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9/10/2019	09:52	31.39	1.096
9/10/2019	09:53	31.19	1.525
9/10/2019	09:54	30.99	0.888
9/10/2019	09:55	30.96	1.027
9/10/2019	09:56	31.01	1.396
9/10/2019	09:57	31.07	1.086
9/10/2019	09:58	31.16	1.088
9/10/2019	09:59	31.19	0.974
9/10/2019	10:00	31.33	0.321
9/10/2019	10:01	31.46	0.572
9/10/2019	10:02	31.72	0.797
9/10/2019	10:03	31.9	0.998
9/10/2019	10:04	31.98	1.037
9/10/2019	10:05	32.04	1.077
9/10/2019	10:06	31.99	0.853
9/10/2019	10:07	31.87	1.332
9/10/2019	10:08	31.73	0.869
9/10/2019	10:09	31.78	1.165
9/10/2019	10:10	31.81	1.017
9/10/2019	10:11	31.89	1.23
9/10/2019	10:12	32.06	0.894
9/10/2019	10:13	32.32	0.928
9/10/2019	10:14	32.35	0.992
9/10/2019	10:15	32.39	0.875
9/10/2019	10:16	32.26	1.106
9/10/2019	10:17	32.11	0.942
9/10/2019	10:18	32.16	0.631
9/10/2019	10:19	32.2	1.043
9/10/2019	10:20	32.04	1.334
9/10/2019	10:21	31.96	0.888
9/10/2019	10:22	32.16	0.478
9/10/2019	10:23	32.47	0.817
9/10/2019	10:24	32.59	0.872
9/10/2019	10:25	32.77	0.701
9/10/2019	10:26	32.87	0.718
9/10/2019	10:27	32.88	1.287
9/10/2019	10:28	32.75	0.913
9/10/2019	10:29	32.8	1.013
9/10/2019	10:30	32.75	0.863
9/10/2019	10:31	32.74	1.004
9/10/2019	10:32	32.76	1.098
9/10/2019	10:33	32.66	1.901
9/10/2019	10:34	32.3	2.04
9/10/2019	10:35	32.1	1.139

183.4	128.0440822	31.19	1.059
186.8	128.1104281	31.3	1.198
154.1	148.5743588	31.35	1.213
170.6	131.9350344	31.31	1.032
190.3	128.6521114	31.28	1.358
201.7	133.9369487	31.33	0.953
201.4	133.7233811	31.32	0.814
213.4	146.0858429	31.35	1.412
217.6	152.6415793	31.1	1.907
218.4	154.0534207	30.88	1.287
220.9	158.8429179	30.85	1.311
221.1	159.2522329	30.89	1.451
214.4	147.5237341	30.95	1.468
189.6	128.5050003	31.03	1.331
175.6	129.6117355	31.07	1.131
216.3	150.4634796	31.27	0.391
166.5	134.6805694	31.46	0.745
210.6	142.43085	31.72	1.023
252.9	154.8386144	31.9	1.102
200.4	133.042617	31.95	1.192
197.5	131.3306282	31.97	1.121
237.8	179.6677453	31.9	1.128
262.2	147.3018158	31.76	1.53
279	144.2908609	31.63	1.023
262.2	147.3018158	31.7	1.284
260.8	148.1418203	31.68	1.1
238	179.2008824	31.73	1.308
244.2	166.7980522	31.92	0.923
215.7	149.5047542	32.21	1.35
215	148.4219956	32.22	1.149
188.1	128.2552218	32.29	1.151
188.5	128.3131374	32.15	1.501
202.3	134.3772185	31.96	1.154
166.2	134.9133063	32.06	0.801
227.4	174.472931	32.15	1.396
260.2	148.5320061	31.96	1.558
267.6	144.9460055	31.83	0.953
278.4	144.18259	32.06	0.521
203.7	135.4739906	32.43	0.941
203.4	135.2306555	32.54	1.046
192.1	129.120645	32.72	0.822
202.5	134.5279034	32.84	0.917
219	155.1495646	32.83	1.59
227.3	174.1916691	32.6	1.177
243	168.9104738	32.62	1.157
269.3	144.4833098	32.61	0.867
256.3	151.5291125	32.65	1.069
257.4	150.6007104	32.65	1.151
272.9	143.9289489	32.56	2.098
273.6	143.8875148	32.18	2.087
287.1	147.3585869	31.98	1.259

155.8	146.0858429	30.4	1.196
159.4	141.481181	30.53	1.209
132.6	182.5680669	30.57	1.231
148.9	157.6389568	30.54	1.182
153.8	149.0360615	30.49	1.326
176.5	129.3060009	30.51	0.993
177	129.1505175	30.53	0.894
190.1	128.6080861	30.57	1.563
190	128.5866722	30.33	2.011
185.1	128.0208746	30.17	1.412
193.8	129.6842235	30.15	1.593
197.6	131.3833467	30.23	1.793
187.2	128.1479193	30.3	1.608
171.6	131.3833467	30.31	1.475
154.6	147.8201441	30.33	1.31
184.3	128.0177548	30.5	0.565
133	183.5738179	30.71	0.824
191.9	129.0621204	31.02	1.184
227.4	174.472931	31.2	1.052
173.2	130.5924354	31.19	1.444
174.9	129.8727295	31.16	1.389
218.1	153.51742	31.08	1.401
237.2	181.0963649	30.99	1.759
258.1	150.0444711	30.88	1.275
244.5	166.2895033	30.98	1.549
237.3	180.8553063	30.95	1.255
210.8	142.6746234	31.02	1.482
223.2	163.8037704	31.24	1.195
193.6	129.6117355	31.5	1.651
192	129.0911795	31.43	1.348
168.4	133.3092177	31.45	1.492
159.5	141.3652945	31.25	1.76
180.1	128.4118509	31.06	1.571
139.4	181.6772422	31.2	0.957
192.6	129.2740865	31.35	1.874
232.1	189.4876488	31.18	1.769
249.8	158.4811294	31.12	1.151
243	168.9104738	31.35	0.558
189.1	128.4118509	31.69	1.262
186.9	128.1192135	31.8	1.383
168.3	133.3770516	31.96	1.028
179.9	128.4479207	32.08	1.157
193.2	129.4717308	32	2.186
206.9	138.3643054	31.77	1.438
219.1	155.335435	31.83	1.587
246.5	163.0894665	31.89	1.075
230.3	183.2949574	31.95	1.221
233.4	191.2051427	31.96	1.57
250.3	157.8506504	31.88	2.58
251.2	156.7582401	31.57	2.481
265.2	145.823697	31.42	1.627

150.4	154.7805667	29.86	1.208	146.4	162.8998881	29.63
156	145.8069274	30.01	1.51	154.9	147.3766469	29.81
128.7	173.7380647	30.05	1.514	126.8	170.0150814	29.86
144.5	167.3583715	29.98	1.255	141.9	174.1916691	29.74
154.2	148.4219956	29.94	1.683	148.4	158.6397721	29.67
165.4	135.5561236	29.96	1.298	163.4	137.3085186	29.67
189.2	128.4296876	29.99	0.935	175.9	129.506112	29.72
185	128.0191197	30.06	1.753	182.7	128.0864199	29.8
184.5	128.016195	29.85	2.506	182.9	128.0723698	29.56
179	128.6298991	29.72	1.598	176.8	129.2114853	29.45
183.8	128.0284797	29.72	1.637	181.5	128.2036041	29.48
192.9	129.3710598	29.82	1.881	188	128.2417275	29.6
182.5	128.1020341	29.87	1.868	177.2	129.0911795	29.59
162	138.6639767	29.84	1.729	160.4	140.3499361	29.59
151.8	152.2972712	29.86	1.48	152.2	151.6188155	29.64
163	137.6847037	29.97	0.467	161.3	139.3832047	29.78
124.7	166.2895033	30.2	0.728	132.9	183.3205043	30.16
197.7	131.436508	30.54	1.246	183.3	128.0489586	30.48
227.5	174.7556358	30.74	1.265	213.6	146.3676144	30.65
169	132.9121422	30.68	1.48	164.4	136.4059155	30.49
171	131.7089882	30.62	1.382	169	132.9121422	30.4
210.6	142.43085	30.55	1.28	211	142.9209771	30.31
232	189.1277069	30.51	1.882	230	182.3192244	30.25
253.7	153.9979779	30.41	1.184	249.9	158.3536654	30.18
240	174.7773583	30.51	1.49	234.7	187.5288517	30.34
234.7	187.5288517	30.5	1.298	229.2	179.7911758	30.24
204.8	136.4059155	30.57	1.616	200.4	133.042617	30.32
223.9	165.4295013	30.8	1.027	212.5	144.8528837	30.56
189.6	128.5050003	31.06	1.747	185.6	128.0355004	30.75
186.9	128.1192135	30.96	1.37	183.9	128.0255546	30.61
163	137.6847037	30.95	1.44	159	141.9509679	30.6
156.2	145.5308449	30.76	1.914	154.1	148.5743588	30.48
172.4	130.9739291	30.55	1.431	168	133.5834127	30.26
138.8	183.6236488	30.64	0.872	136.9	190.2134023	30.31
185.7	128.0395961	30.83	1.618	180.6	128.328602	30.58
227.6	175.0397923	30.74	1.867	225.3	168.856618	30.47
250.6	157.480505	30.68	1.105	244.3	166.6276829	30.42
242.2	170.3906689	30.88	0.569	236.1	183.8283932	30.68
184.4	128.0167799	31.23	1.09	179.3	128.565657	31.07
187.8	128.2159189	31.36	1.241	178.9	128.6521114	31.2
165.9	135.1505606	31.51	1.003	164.8	136.0597477	31.33
179.9	128.4479207	31.61	1.18	170.9	131.7648252	31.45
183.2	128.0542255	31.51	2.089	181.7	128.180153	31.25
198.8	132.0507649	31.27	1.3	194.8	130.0717042	30.99
214	146.9398193	31.37	1.362	210.3	142.0699862	31.09
246.4	163.2418433	31.48	0.924	240.1	174.5674412	31.23
230.8	184.9559525	31.56	1.295	224	165.6664139	31.31
229.6	181.0419634	31.57	1.525	223.3	164.0325631	31.3
245.3	164.9703808	31.49	2.662	241.8	171.1531239	31.19
249.9	158.3536654	31.18	2.725	244.6	166.1216858	30.83
264.1	146.3156694	31	1.633	256.7	151.183739	30.65

1.434	153.3	149.8211447	148.3263049	Yes
1.695	161.4	139.278727	140.4107821	Yes
1.581	138	186.3168781	172.24249	Yes
1.591	150.9	153.8738695	156.9995803	Yes
1.827	155.3	146.7956779	146.3091237	Yes
1.365	168.6	133.1749726	133.8565129	Yes
1.245	182.7	128.0864199	129.7792236	Yes
2.141	183.6	128.0355004	131.7669938	Yes
2.715	186.5	128.0864199	133.0806472	Yes
1.859	181.9	128.1582717	133.6147903	Yes
2.106	182.3	128.1192135	134.5756877	Yes
2.494	190.8	128.7691755	135.4035085	Yes
2.263	183.8	128.0284797	132.1786693	Yes
2.029	167.6	133.8652759	134.5535071	Yes
1.673	157.5	143.8038178	145.0303569	Yes
0.58	175.8	129.5409061	137.0180098	Yes
0.832	140.3	178.8700569	169.3468904	Yes
1.515	194.2	129.8341932	132.1625261	Yes
1.339	221.5	160.0831011	162.1035793	Yes
1.738	172.6	130.8759536	132.7658127	Yes
1.643	174.6	129.9908531	131.1630683	Yes
1.571	212.9	145.3938588	152.7861702	Yes
2.166	235.3	185.9112491	177.1512722	Yes
1.358	259.4	149.0809751	151.1535901	Yes
1.848	238.8	177.3788901	170.6552838	Yes
1.466	236.9	181.8267455	175.6287799	Yes
1.757	203.7	135.4739906	145.3596058	Yes
1.27	215.7	149.5047542	158.0777923	Yes
1.98	190.2	128.6298991	132.8573779	Yes
1.708	186.2	128.065931	132.3447748	Yes
1.701	166.3	134.8352272	135.2070677	Yes
2.08	161.7	138.968767	140.5504805	Yes
1.871	173.6	130.4120364	131.5516895	Yes
1.062	145.4	165.1937679	171.1242735	Yes
2.06	187	128.1283904	137.6487212	Yes
2.144	228.9	178.8700569	172.1572244	Yes
1.323	259.2	149.2234061	155.3517458	Yes
0.615	240.3	174.1507045	168.2925661	Yes
1.369	183.9	128.0255546	129.6987666	Yes
1.383	186.3	128.0723698	129.6580538	Yes
1.111	173.2	130.5924354	132.860088	Yes
1.279	183.5	128.0395961	130.2456332	Yes
2.449	184.3	128.0177548	133.7746857	Yes
1.715	195.8	130.5013785	141.0359644	Yes
1.619	212.7	145.1219829	151.6755395	Yes
1.086	250.3	157.8506504	160.6465422	Yes
1.416	232	189.1277069	174.9148286	Yes
1.819	232.7	191.6887683	175.7138296	Yes
3.273	248.8	159.7940691	159.5394346	Yes
3.229	253.4	154.3086209	155.8859454	Yes
2.171	263.4	146.658692	147.4680769	Yes

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9/10/2019	10:38	32.37	1.664
9/10/2019	10:39	32.49	1.522
9/10/2019	10:40	32.59	1.335
9/10/2019	10:41	32.52	1.418
9/10/2019	10:42	32.48	1.82
9/10/2019	10:43	32.51	2.114
9/10/2019	10:44	32.3	2.293
9/10/2019	10:45	32.16	2.235
9/10/2019	10:46	32.15	1.985
9/10/2019	10:47	32.13	1.713
9/10/2019	10:48	32.19	2.174
9/10/2019	10:49	32.23	2.062
9/10/2019	10:50	32.19	1.765
9/10/2019	10:51	32.11	1.392
9/10/2019	10:52	32.07	1.394
9/10/2019	10:53	32.24	1.447
9/10/2019	10:54	32.36	1.405
9/10/2019	10:55	32.4	1.427
9/10/2019	10:56	32.52	1.246
9/10/2019	10:57	32.64	1.242
9/10/2019	10:58	32.64	1.255
9/10/2019	10:59	32.57	1.708
9/10/2019	11:00	32.31	1.434
9/10/2019	11:01	32.31	1.573
9/10/2019	11:02	32.27	1.641
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9/10/2019	11:05	32.2	0.727
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9/10/2019	11:07	32.46	1.842
9/10/2019	11:08	32.45	1.568
9/10/2019	11:09	32.41	1.163
9/10/2019	11:10	32.64	0.826
9/10/2019	11:11	32.78	1.863
9/10/2019	11:12	32.73	1.131
9/10/2019	11:13	32.73	1.372
9/10/2019	11:14	32.95	1.681
9/10/2019	11:15	32.87	2.284
9/10/2019	11:16	32.98	1.956
9/10/2019	11:17	33.09	1.442
9/10/2019	11:18	33.05	1.952
9/10/2019	11:19	32.98	1.603
9/10/2019	11:20	32.95	2.211
9/10/2019	11:21	32.72	2.079
9/10/2019	11:22	32.7	0.952
9/10/2019	11:23	32.92	1.098
9/10/2019	11:24	33.04	1.879
9/10/2019	11:25	32.97	1.392
9/10/2019	11:26	33	1.713

282.3	145.1746105	32.06	1.576
268.2	144.7678047	32.2	2.055
264.2	146.2685776	32.23	1.764
251.9	155.945431	32.33	1.484
265.1	145.8660653	32.47	1.626
271.5	144.0764313	32.43	1.59
254.9	152.8094541	32.36	1.99
251.8	156.0596058	32.37	2.41
256.1	151.7051686	32.12	2.367
240.4	173.943875	31.92	2.464
245.5	164.6488595	31.91	2.012
235.9	184.3413566	31.89	1.947
228.8	178.5661959	31.97	2.272
258.2	149.967168	32.02	2.206
267.5	144.9772949	32	1.896
262.9	146.9181461	31.92	1.577
258.1	150.0444711	31.91	1.594
234.6	187.8032029	32.04	1.86
241.5	171.7349716	32.13	1.63
239.2	176.4945334	32.15	1.67
231.9	188.7697038	32.29	1.404
262.6	147.0796431	32.43	1.435
250.7	157.3584661	32.45	1.584
273.1	143.914916	32.4	1.941
278.7	144.234728	32.14	1.576
269	144.5555056	32.12	1.784
257	150.9305587	32.1	1.942
271.9	144.0254863	32.05	1.343
246.7	162.7870502	32.04	0.858
247.6	161.4641376	32.09	0.879
228.7	178.2639076	32.23	1.751
237.7	179.9029136	32.29	2.079
243.5	168.0148666	32.23	1.799
245	165.4588142	32.16	1.351
240.5	173.7380647	32.39	1.15
228.9	178.8700569	32.54	2.242
224.6	167.1130196	32.48	1.337
235.9	184.3413566	32.48	1.454
212.3	144.586539	32.72	2.054
245.2	165.1323684	32.67	2.681
245.1	165.2951784	32.79	1.985
253.3	154.4133891	32.9	1.983
270.2	144.2908609	32.88	2.214
274.4	143.8664765	32.79	1.758
270.9	144.1660972	32.78	2.476
278.1	144.1344398	32.56	2.237
289.9	149.1519294	32.52	1.037
247	162.3392225	32.77	1.28
233.1	192.0882584	32.85	2.083
239.6	175.6274687	32.74	1.512
199.7	132.5941263	32.76	1.851

254.4	153.294267	31.55	1.952
240.5	173.7380647	31.71	2.523
241.2	172.3255294	31.75	2.007
229.7	181.3587702	31.85	1.777
239.5	175.8426324	31.97	1.947
248.9	159.6596036	31.89	1.821
230.9	185.293471	31.83	2.363
228.8	178.5661959	31.83	2.799
230.7	184.6202228	31.56	2.839
217.6	152.6415793	31.41	2.68
222.4	162.0137796	31.38	2.348
211.5	143.5482783	31.35	2.451
204	135.7219305	31.44	2.526
233.2	191.7923969	31.49	2.638
244.6	166.1216858	31.46	2.267
238.9	177.156161	31.38	1.679
235.9	184.3413566	31.41	1.873
211.6	143.6757156	31.53	2.063
220.7	158.4376272	31.56	1.927
214.7	147.9694733	31.53	1.777
207.8	139.278727	31.69	1.85
243.4	168.1922038	31.82	1.774
227.8	175.6124958	31.8	1.753
251.7	156.1744239	31.78	2.341
257.5	150.5196185	31.49	1.794
244.7	165.9547117	31.56	2.136
233.1	192.0882584	31.52	2.088
241.7	171.3461128	31.53	1.633
221.8	160.717127	31.51	1.02
221.9	160.9305691	31.51	1.09
206.7	138.1673439	31.66	2.026
215.5	149.1915112	31.71	2.518
222.5	162.2336611	31.64	2.206
224.6	167.1130196	31.59	1.5
213.6	146.3676144	31.81	1.29
204.7	136.3185854	31.92	2.564
212.7	145.1219829	31.84	1.716
210.4	142.1896378	31.9	1.984
199.1	132.2277664	32.17	2.7
221.5	160.0831011	32.13	3.089
222.3	161.7949854	32.31	2.225
230.6	184.28627	32.43	2.49
242	170.7700049	32.4	2.628
249.7	158.6092822	32.35	2.14
249.9	158.3536654	32.3	3.154
250.3	157.8506504	32.09	2.645
269.8	144.3719327	32.05	1.392
223.3	164.0325631	32.27	1.744
205.3	136.8505178	32.29	2.47
216.4	150.6260744	32.12	1.62
175.6	129.6117355	32.14	2.23

252.4	155.3841351	31.13	1.917	246	163.8592137	30.83
239.1	176.7139881	31.34	2.697	232.6	191.31691	31
240.2	174.3585583	31.39	2.235	235.5	185.382728	31.04
227.5	174.7556358	31.47	1.799	222.5	162.2336611	31.13
237.2	181.0963649	31.59	2.015	231.2	186.3168781	31.28
249.8	158.4811294	31.48	1.986	242.2	170.3906689	31.13
225.4	169.1107479	31.46	2.516	222.6	162.4546358	31.13
224.3	166.3842917	31.48	3.019	220.7	158.4376272	31.17
226.8	172.8067032	31.21	3.114	223.7	164.9592071	30.84
214	146.9398193	31.09	3.175	211.9	144.0620273	30.76
219.3	155.7099409	31.07	2.613	216.9	151.4512959	30.68
208	139.4882645	31.01	2.465	206.2	137.6847037	30.65
199.2	132.2876789	31.12	2.976	196.9	131.0235708	30.77
229.3	180.1014276	31.17	2.933	224.5	166.8688935	30.81
242.3	170.2024087	31.12	2.467	233.9	189.7626755	30.74
237.3	180.8553063	31.02	1.993	230.9	185.293471	30.61
230.5	183.9540825	31.06	2.019	226	170.6627261	30.68
207.6	139.0715101	31.18	2.255	202.2	134.3026158	30.85
214.5	147.6715655	31.17	2.067	209.6	141.2500277	30.84
211.1	143.0451277	31.13	2.104	205.7	137.2158368	30.76
208.3	139.8069561	31.28	1.714	201.5	133.7940871	30.93
241.9	170.9610894	31.42	1.81	235.4	185.6463296	31.04
225.6	169.6228634	31.4	1.871	219.7	156.470139	31.07
249.9	158.3536654	31.36	2.572	243.6	167.8384137	30.99
255.1	152.6196347	31.04	2.025	249.5	158.8676643	30.65
241.9	170.9610894	31.15	2.28	235.7	184.8594495	30.83
228.6	177.9631823	31.13	2.399	224.3	166.3842917	30.75
234.6	187.8032029	31.15	1.621	228.7	178.2639076	30.76
214.6	147.8201441	31.12	1.063	212.7	145.1219829	30.75
215	148.4219956	31.09	1.077	209.6	141.2500277	30.78
199.7	132.5941263	31.2	2.061	200.1	132.8476073	30.94
209.1	140.6829105	31.26	2.601	208.4	139.914364	30.93
217.4	152.2972712	31.24	2.309	215.1	148.5743588	30.89
221.3	159.6656133	31.2	1.607	217	151.6188155	30.82
211.4	143.4215034	31.38	1.37	207.3	138.7650022	31.06
199.6	132.5319155	31.47	2.831	197.9	131.5441627	31.08
205.1	136.6710803	31.39	1.567	199.4	132.4088779	30.96
209.2	140.7951122	31.5	1.808	201.6	133.8652759	31.21
196.1	130.6386087	31.78	2.635	193.3	129.506112	31.49
218.7	154.5974305	31.78	3.332	213.9	146.7956779	31.48
212.9	145.3938588	31.99	2.316	213.3	145.9460296	31.73
226.6	172.2625195	32.11	2.334	223.2	163.8037704	31.81
237.5	180.3767538	32.05	2.909	233.5	190.9137326	31.66
248.7	159.929249	31.98	2.216	244.1	166.9692794	31.62
245.3	164.9703808	31.95	3.058	240.3	174.1507045	31.53
251.2	156.7582401	31.73	2.821	243.1	168.7295603	31.29
268.1	144.796372	31.66	1.414	255.5	152.2469608	31.22
223.4	164.2624968	31.86	1.637	218.7	154.5974305	31.45
201.6	133.8652759	31.89	2.63	197.6	131.3833467	31.51
207	138.4636301	31.68	1.921	205.8	137.3085186	31.25
170.6	131.9350344	31.71	2.384	169.3	132.7199372	31.39

2.391	251.7	156.1744239	154.77733	Yes
3.262	237.7	179.9029136	173.2879362	Yes
2.5	242.7	169.4586546	169.5588096	Yes
2.106	228.8	178.5661959	170.5719388	Yes
2.369	238.1	178.969176	173.6182234	Yes
2.358	248.6	160.0651457	158.5345958	Yes
2.88	227.5	174.7556358	168.8847889	Yes
3.578	226.3	171.4565408	166.1808523	Yes
3.609	227.8	175.6124958	169.9407595	Yes
3.424	216	149.9805289	153.5135659	Yes
3.063	219.4	155.8985853	157.9444922	Yes
3.298	211.7	143.8038178	149.7732842	Yes
3.248	202	134.1548834	142.3508519	Yes
3.572	230.8	184.9559525	174.7371677	Yes
2.916	240.4	173.943875	169.001588	Yes
2.325	237.1	181.3386201	174.3123409	Yes
2.319	230.9	185.293471	174.8592214	Yes
2.686	209.6	141.2500277	149.2206144	Yes
2.433	212.5	144.8528837	152.7894151	Yes
2.324	211	142.9209771	149.5291897	Yes
2.346	210.2	141.9509679	148.7200884	Yes
2.257	244.8	165.7885774	167.5335687	Yes
2.151	225.5	169.3661605	165.6860249	Yes
2.987	249	159.5258496	157.1614537	Yes
2.349	256.9	151.0143979	151.4512087	Yes
2.744	246.1	163.7036852	166.0068883	Yes
2.613	231.8	188.4136263	175.1559835	Yes
2.023	233.2	191.7923969	174.6462213	Yes
1.238	214.4	147.5237341	152.7940077	Yes
1.215	212.7	145.1219829	151.4377426	Yes
2.482	205	136.5821614	143.6910293	Yes
3.008	214.5	147.6715655	151.4726529	Yes
2.788	218.7	154.5974305	157.1435176	Yes
1.82	219.8	156.6625457	160.1037617	Yes
1.555	213	145.5308449	149.5646059	Yes
3.157	203.2	135.0709716	142.8671384	Yes
2.119	201.3	133.6531567	142.9936235	Yes
2.324	206.3	137.780123	147.7943011	Yes
3.315	197.3	131.2265166	133.6371085	Yes
3.778	220.2	157.4417417	156.8100639	Yes
2.615	218.3	153.8738695	154.4607843	Yes
3.097	228.7	178.2639076	170.6059713	Yes
3.422	239.3	176.2761595	172.5255024	Yes
2.687	252.6	155.1640479	156.907667	Yes
4.013	246.1	163.7036852	161.0689067	Yes
3.396	249.9	158.3536654	157.1653112	Yes
1.777	259.6	148.9406289	147.9015648	Yes
2.2	225.9	170.4007875	163.1265001	Yes
3.015	204.1	135.8056071	145.9986012	Yes
2.132	208.4	139.914364	148.3880111	Yes
2.683	177.1	129.120645	131.1962957	Yes

13.05
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9/10/2019	11:27	32.85	1.403
9/10/2019	11:28	32.89	1.613
9/10/2019	11:29	32.86	1.966
9/10/2019	11:30	32.86	1.79
9/10/2019	11:31	33.01	1.742
9/10/2019	11:32	33.1	1.695
9/10/2019	11:33	33.18	1.711
9/10/2019	11:34	33.06	1.69
9/10/2019	11:35	33.03	1.646
9/10/2019	11:36	33.05	1.704
9/10/2019	11:37	33.07	1.535
9/10/2019	11:38	33.05	1.969
9/10/2019	11:39	33.14	1.644
9/10/2019	11:40	33.07	1.674
9/10/2019	11:41	33.26	1.828
9/10/2019	11:42	33.17	2.301
9/10/2019	11:43	33.1	1.56
9/10/2019	11:44	33.35	1.706
9/10/2019	11:45	33.41	1.916
9/10/2019	11:46	33.4	1.693
9/10/2019	11:47	33.48	1.377
9/10/2019	11:48	33.53	1.505
9/10/2019	11:49	33.4	1.998
9/10/2019	11:50	33.41	2.145
9/10/2019	11:51	33.4	2.428
9/10/2019	11:52	33.22	1.827
9/10/2019	11:53	33.17	2.302
9/10/2019	11:54	33.23	1.634
9/10/2019	11:55	33.4	1.917
9/10/2019	11:56	33.51	2.296
9/10/2019	11:57	33.52	2.057
9/10/2019	11:58	33.49	1.645
9/10/2019	11:59	33.58	1.786
9/10/2019	12:00	33.48	1.168
9/10/2019	12:01	33.5	1.547
9/10/2019	12:02	33.53	2.221
9/10/2019	12:03	33.68	1.749
9/10/2019	12:04	33.84	1.823
9/10/2019	12:05	33.97	1.919
9/10/2019	12:06	33.82	1.641
9/10/2019	12:07	33.78	2.03
9/10/2019	12:08	33.82	2.052
9/10/2019	12:09	33.85	1.411
9/10/2019	12:10	33.95	2.463
9/10/2019	12:11	33.81	1.806
9/10/2019	12:12	33.75	1.846
9/10/2019	12:13	33.93	1.965
9/10/2019	12:14	34.09	1.677
9/10/2019	12:15	34.28	2.031
9/10/2019	12:16	34.26	2.364
9/10/2019	12:17	34.27	2.821

220.7	158.4376272	32.61	1.75
242.4	170.0150814	32.67	2.139
259.1	149.2954063	32.63	2.108
250	158.226888	32.61	1.915
251.8	156.0596058	32.8	1.96
233.9	189.7626755	32.88	1.834
247.8	161.1784514	32.95	2.064
257.3	150.682349	32.82	1.863
242.4	170.0150814	32.78	1.966
246.7	162.7870502	32.8	1.94
253	154.7313813	32.87	1.799
261.8	147.531862	32.85	2.065
262.8	146.9714914	32.92	1.72
271.8	144.0375611	32.83	1.97
237.8	179.6677453	33.01	2.091
239.7	175.4133646	32.91	2.476
239.4	176.0588609	32.81	1.798
241.8	171.1531239	33.08	2.135
233.1	192.0882584	33.16	2.264
216.3	150.4634796	33.12	2.092
224.9	167.8527808	33.22	1.878
235	186.7139875	33.24	2.036
217.5	152.4689987	33.11	2.567
227	173.356455	33.1	2.401
244.7	165.9547117	33.1	2.645
258.6	149.6633025	32.93	2.056
242.5	169.8286827	32.89	2.518
231.7	188.0594614	32.92	1.877
245.9	164.0155381	33.07	2.116
256.3	151.5291125	33.21	2.372
226.1	170.9259926	33.23	2.496
249.7	158.6092822	33.17	1.962
252.2	155.6067462	33.26	1.877
271.6	144.0630334	33.19	1.327
258.3	149.8904009	33.25	1.904
219.7	156.470139	33.27	2.883
228.1	176.4826621	33.41	2.094
224.4	166.6259865	33.58	2.142
247.6	161.4641376	33.69	2.02
240.5	173.7380647	33.53	1.949
240.1	174.5674412	33.45	2.5
236.2	183.5738179	33.49	2.168
243.9	167.3143222	33.53	1.708
234.6	187.8032029	33.63	2.811
244.3	166.6276829	33.48	1.932
254.3	153.3930028	33.42	2.299
227.2	173.9118416	33.64	2.659
222	161.1450705	33.79	2.193
252.2	155.6067462	34.01	2.403
237.8	179.6677453	33.97	2.866
235.9	184.3413566	33.97	2.827

193.9	129.7210908	31.98	2.115
219	155.1495646	32.05	2.641
235.5	185.382728	32.05	2.433
227.4	174.472931	32.09	2.121
230.8	184.9559525	32.33	2.259
210.9	142.7974765	32.42	2.168
222.2	161.577273	32.47	2.338
232.3	190.2134023	32.3	2.22
217.8	152.989316	32.25	2.345
222	161.1450705	32.28	2.433
230.1	182.6427564	32.38	2.009
237.1	181.3386201	32.34	2.414
235.2	186.1774937	32.37	1.941
243.3	168.3704292	32.31	2.218
215.9	149.8211447	32.54	2.589
214.8	148.1195561	32.37	2.972
213.9	146.7956779	32.32	2.154
220.2	157.4417417	32.63	2.554
208.9	140.4603245	32.7	2.502
194.9	130.1127622	32.62	2.461
200.6	133.1749726	32.71	2.392
213	145.5308449	32.68	2.524
192.7	129.3060009	32.53	3.004
205.6	137.1236975	32.54	2.733
216.6	150.9537025	32.51	3.239
231	185.6327901	32.37	2.371
216.8	151.2846063	32.39	2.998
212	144.1921397	32.42	2.343
228.2	176.7757169	32.59	2.513
234.2	188.9144624	32.73	2.805
207.6	139.0715101	32.7	2.964
226.6	172.2625195	32.68	2.382
226.7	172.5339195	32.79	2.194
244.4	166.4581678	32.69	1.541
230.9	185.293471	32.77	2.351
203.4	135.2306555	32.83	2.953
203.7	135.4739906	32.97	2.428
200.5	133.1085592	33.12	2.413
224.4	166.6259865	33.2	2.574
219.9	156.8559046	32.99	2.687
213.5	146.2263702	32.95	2.768
216.9	151.4512959	33	2.722
221.9	160.9305691	33.05	2.17
209.8	141.481181	33.16	3.149
223.8	165.1937679	32.98	2.204
231.4	187.0083138	32.97	2.832
202.7	134.6805694	33.25	2.937
203.4	135.2306555	33.36	2.506
227.3	174.1916691	33.56	2.924
213.3	145.9460296	33.5	2.849
213.4	146.0858429	33.49	3.544

184.7	128.016195	31.58	2.171	182.6	128.0940314	31.27
213	145.5308449	31.64	2.686	208.3	139.8069561	31.34
229.9	181.9973899	31.64	2.541	226.1	170.9259926	31.27
224.2	166.1438025	31.73	2.281	222	161.1450705	31.43
228.5	177.6640101	31.97	2.412	222.9	163.1241775	31.63
207.6	139.0715101	32.03	2.328	204.5	136.145503	31.67
218.8	154.7805667	32.06	2.608	217.4	152.2972712	31.65
228.1	176.4826621	31.92	2.362	223.5	164.4935779	31.48
213.4	146.0858429	31.86	2.483	208.4	139.914364	31.44
214.4	147.5237341	31.88	2.376	213.7	146.5095784	31.53
226	170.6627261	31.99	2.271	223.2	163.8037704	31.58
233.7	190.3353042	31.92	2.633	227.5	174.7556358	31.51
233.5	190.9137326	31.93	2.141	229.9	181.9973899	31.49
241.3	172.1277015	31.87	2.479	237.4	180.615438	31.43
214.5	147.6715655	32.13	2.696	209.9	141.5976893	31.75
208.4	139.914364	31.97	3.278	208.2	139.7001382	31.51
209.4	141.0213439	31.96	2.248	203.8	135.5561236	31.63
215.6	149.347741	32.3	2.655	211.2	143.1699306	32.02
203.2	135.0709716	32.39	2.843	201.1	133.514148	32.04
187.9	128.2286266	32.3	2.634	184.8	128.0167799	31.9
195.2	130.2384741	32.38	2.285	189.6	128.5050003	32.02
206.2	137.6847037	32.32	2.558	203.4	135.2306555	31.97
188.6	128.328602	32.17	3.442	185.2	128.0230196	31.79
203.6	135.3923691	32.14	3.133	197.9	131.5441627	31.77
211	142.9209771	32.12	3.407	209.2	140.7951122	31.67
226.5	171.9924951	31.96	2.596	224.9	167.8527808	31.49
210.3	142.0699862	32.02	3.202	208.6	140.1309578	31.64
206	137.4955162	32.03	2.428	205.4	136.9410396	31.59
224.1	165.9045121	32.21	2.747	220.5	158.0363201	31.8
230	182.3192244	32.38	2.967	227	173.356455	31.98
204.2	135.8898012	32.32	3.156	200	132.7835393	31.87
220.5	158.0363201	32.32	2.411	220.1	157.2454979	31.96
222.9	163.1241775	32.41	2.434	222.1	161.3606366	32.02
243.2	168.5495467	32.28	1.623	238.1	178.969176	31.84
223.5	164.4935779	32.36	2.545	221.8	160.717127	32.01
200.8	133.3092177	32.46	3.654	198.1	131.6535994	32.12
200.6	133.1749726	32.6	2.748	197.3	131.2265166	32.23
199.5	132.4701664	32.77	2.674	193.4	129.5409061	32.4
220.4	157.837148	32.83	2.614	214.5	147.6715655	32.43
213	145.5308449	32.61	2.588	211.8	143.9325875	32.17
209.9	141.5976893	32.61	3.012	206.9	138.3643054	32.25
211.7	143.8038178	32.66	2.947	209.3	140.9079226	32.26
215.9	149.8211447	32.73	2.095	209.1	140.6829105	32.38
205.8	137.3085186	32.8	3.642	202.1	134.2285045	32.42
218.4	154.0534207	32.6	2.376	217.8	152.989316	32.23
228.3	177.070287	32.59	2.843	226.3	171.4565408	32.25
200.7	133.2418584	32.92	3.316	193.3	129.506112	32.59
203.7	135.4739906	33.03	2.828	195.1	130.1961465	32.68
223.3	164.0325631	33.23	2.966	217.9	153.1644801	32.93
212.1	144.3229273	33.16	3.628	206.5	137.9726212	32.79
210.8	142.6746234	33.14	3.652	206.2	137.6847037	32.78

2.567	187.1	128.1379589	134.4813807	Yes
3.259	212.7	145.1219829	151.124886	Yes
3.043	229.8	181.6772422	173.8557518	Yes
2.567	229	179.1755005	167.8328385	Yes
2.858	232.3	190.2134023	174.4034297	Yes
2.805	210.6	142.43085	150.041603	Yes
2.991	222.5	162.2336611	158.4134447	Yes
2.768	226.6	172.2625195	170.8269022	Yes
2.907	213.1	145.6685335	150.9346276	Yes
2.72	218.5	154.2338617	154.439859	Yes
2.635	226.5	171.9924951	168.7666259	Yes
3.121	231.6	187.7071962	176.3337237	Yes
2.48	237.1	181.3386201	177.4797456	Yes
2.816	242.6	169.6432085	166.9588677	Yes
3.227	214.9	148.2703958	153.4057081	Yes
3.669	211.9	144.0620273	149.44189	Yes
2.604	209.6	141.2500277	148.1364068	Yes
3.135	215.5	149.1915112	154.0608097	Yes
3.125	206	137.4955162	147.7258437	Yes
2.942	191	128.8188092	133.1280915	Yes
2.856	197.1	131.1241663	138.1790788	Yes
3.067	207.3	138.7650022	148.7850388	Yes
3.879	189.9	128.565657	133.3384556	Yes
3.495	205.7	137.2158368	142.9265042	Yes
4.281	213.7	146.5095784	149.4268164	Yes
3.036	223.9	165.4295013	168.114174	Yes
3.625	212.6	144.9870876	149.6602641	Yes
2.864	208.4	139.914364	149.3205042	Yes
3.063	227.5	174.7556358	167.8975446	Yes
3.404	231.5	187.3568179	176.6952144	Yes
3.688	207.1	138.5635199	143.4468726	Yes
2.777	224.1	165.9045121	162.4116263	Yes
2.854	224.9	167.8527808	164.0956521	Yes
1.826	247.6	161.4641376	163.9008123	Yes
2.865	226.2	171.1905949	166.3170344	Yes
4.057	205	136.5821614	138.6491546	Yes
3.054	206.7	138.1673439	142.9050971	Yes
2.985	201	133.4453614	139.0381959	Yes
3.134	220.5	158.0363201	158.3270315	Yes
3.138	214.9	148.2703958	153.6655595	Yes
3.454	213.1	145.6685335	149.2848679	Yes
3.346	214.2	147.2303008	153.393431	Yes
2.596	215.4	149.0360615	153.5570016	Yes
4.042	208.2	139.7001382	148.1043091	Yes
2.598	221.3	159.6656133	159.7059602	Yes
3.447	231.3	186.6616714	175.1179632	Yes
3.762	198.8	132.0507649	140.6782293	Yes
3.162	205.6	137.1236975	139.8339121	Yes
3.508	222.1	161.3606366	161.671219	Yes
3.624	214.7	147.9694733	151.1757593	Yes
4.269	212.5	144.8528837	151.1278821	Yes

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258.6	149.6633025	33.74	2.566
245.3	164.9703808	33.84	2.129
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254.4	153.294267	33.84	2.645
251.4	156.5227599	33.78	1.897
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253.8	153.8956445	34.36	2.324
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272.9	143.9289489	34.13	2.524
269.3	144.4833098	34.11	1.68
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218.2	153.695204	34.48	2.197
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243.3	168.3704292	33.37	3.14
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248.5	160.201762	33.45	2.735
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242.9	169.0922914	34.26	1.777
233.5	190.9137326	34.74	2.196
262.2	147.3018158	35.06	2.409
261.3	147.8305829	34.9	2.662
261.6	147.6498563	34.87	2.52
246.2	163.5489495	34.82	2.157
257.6	150.439072	34.83	2.103
253.6	154.1009172	34.94	2.388
241.8	171.1531239	34.76	2.369
232.3	190.2134023	34.56	2.387
257.8	150.2796092	34.62	2.596

231	185.6327901	33.29	3.232
234.5	188.0789318	33.38	3.37
243.7	167.6628412	33.14	2.908
248.9	159.6596036	33.02	3.695
252.7	155.0549457	33.07	2.696
223.8	165.1937679	33.16	3.145
216.4	150.6260744	33.2	3.03
236.1	183.8283932	33.31	3.027
224.5	166.8688935	33.43	2.613
214.3	147.3766469	33.46	3.238
215.2	148.7274886	33.37	3.395
217.9	153.1644801	33.47	2.953
228.5	177.6640101	33.54	2.974
228.7	178.2639076	33.41	3.267
229.3	180.1014276	33.35	2.415
228.4	177.3663815	33.54	2.512
228.6	177.9631823	33.61	2.095
239.7	175.4133646	33.67	2.76
249	159.5258496	33.53	2.149
242.1	170.5798662	33.49	1.851
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232.6	191.31691	33.98	2.986
231	185.6327901	33.78	2.971
216.3	150.4634796	33.61	2.671
220.9	158.8429179	33.78	2.591
235.7	184.8594495	33.97	3.188
250.5	157.6032138	33.8	3.333
260.6	148.2698482	33.81	2.968
250.6	157.480505	33.77	3.401
236	184.0842372	33.57	2.333
247.8	161.1784514	33.61	3.144
243.7	167.6628412	33.55	2.218
207.5	138.968767	33.95	2.145
197	131.0736496	33.86	2.756
223.5	164.4935779	33.62	2.847
221.8	160.717127	33.33	3.93
220.1	157.2454979	32.93	3.419
220.2	157.4417417	32.85	2.898
223.1	163.5761126	33.1	3.208
227.5	174.7556358	33.41	2.273
220.8	158.6397721	33.9	1.839
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241.6	171.5400605	34.56	3.003
238.9	177.156161	34.39	3.225
237.1	181.3386201	34.37	2.907
221.4	159.8738411	34.32	2.466
232.2	189.8495428	34.34	2.541
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219.6	156.2786798	34.17	2.618
211.6	143.6757156	34.02	2.877
235.4	185.6463296	34.11	3.138

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213	145.5308449	32.87	3.18	209.5	141.1353782	32.47
231.4	187.0083138	32.98	3.056	226.6	172.2625195	32.59
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227.1	173.6334397	33.2	3.192	219.6	156.2786798	32.83
226.5	171.9924951	33.06	3.388	221.7	160.5047386	32.67
225.3	168.856618	33.01	2.258	219.3	155.7099409	32.67
226.9	173.0808789	33.21	2.549	219.2	155.5222256	32.91
229.9	181.9973899	33.23	2.267	223.2	163.8037704	32.85
237.9	179.4337369	33.26	2.714	231.4	187.0083138	32.77
245.9	164.0155381	33.08	2.278	240	174.7773583	32.58
243.5	168.0148666	33.04	1.661	232.5	190.9470722	32.6
223.7	164.9592071	33.46	2.892	220.6	158.2364782	33.07
230.9	185.293471	33.58	3.309	224.2	166.1438025	33.15
227.2	173.9118416	33.38	3.081	222.2	161.577273	32.9
214.8	148.1195561	33.19	2.896	210.3	142.0699862	32.76
220.5	158.0363201	33.37	2.858	212.4	144.7193684	32.95
233.4	191.2051427	33.57	3.251	225.6	169.6228634	33.12
248.3	160.4771641	33.41	3.408	241.1	172.5243387	32.93
260.5	148.3346233	33.38	2.801	252.5	155.273777	32.93
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246.4	163.2418433	33.18	3.22	239.8	175.2003149	32.79
242.7	169.4586546	33.11	2.233	236.9	181.8267455	32.71
204.6	136.2317817	33.5	2.205	198.2	131.7089882	33.15
194.3	129.8727295	33.45	2.808	190.9	128.7937914	33.03
222.2	161.577273	33.22	3.155	215.9	149.8211447	32.86
218.9	154.96461	33	4.201	212.1	144.3229273	32.65
218.8	154.7805667	32.64	3.912	211.9	144.0620273	32.29
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222.1	161.3606366	32.83	3.447	215.5	149.1915112	32.54
225.1	168.3521774	33.13	2.553	216.7	151.1187431	32.78
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207	138.4636301	33.99	2.782	199.9	132.7199372	33.67
239.5	175.8426324	34.13	3.064	231.5	187.3568179	33.72
236	184.0842372	33.96	3.404	230	182.3192244	33.54
235.9	184.3413566	33.93	3.21	227.5	174.7556358	33.52
221.6	160.2933984	33.88	2.728	211.9	144.0620273	33.43
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216.5	150.7894808	33.68	2.995	212.4	144.7193684	33.15
207.3	138.7650022	33.55	3.154	203.6	135.3923691	33.09
234.2	188.9144624	33.68	3.347	226.8	172.8067032	33.23

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4.207	232.7	191.6887683	178.6698444	Yes
3.69	241	172.724134	170.3017523	Yes
4.453	246.8	162.6370044	161.3166776	Yes
3.505	250.6	157.480505	155.5713602	Yes
3.892	222.1	161.3606366	158.5372472	Yes
3.683	213.1	145.6685335	151.4223071	Yes
3.604	232.1	189.4876488	176.4500356	Yes
3.131	221.1	159.2522329	160.0036483	Yes
3.902	212	144.1921397	148.7284927	Yes
4.352	212	144.1921397	147.6448235	Yes
3.828	217.1	151.7871691	154.1006935	Yes
3.588	228.9	178.8700569	168.712515	Yes
3.965	224.9	167.8527808	166.3816378	Yes
2.788	224.8	167.6049563	165.7591405	Yes
3.029	222.4	162.0137796	166.3997607	Yes
2.476	229.6	181.0419634	172.481904	Yes
3.169	237	181.5820782	173.8955462	Yes
2.635	246.9	162.4877295	161.1504962	Yes
2.232	240.6	173.5332689	170.7844691	Yes
3.561	222	161.1450705	165.8883086	Yes
3.685	231.6	187.7071962	176.2287457	Yes
3.54	226	170.6627261	169.5007268	Yes
3.355	214.8	148.1195561	151.9467335	Yes
3.376	219.4	155.8985853	155.0695684	Yes
4.092	233.3	191.4980279	177.2392051	Yes
4.197	249.3	159.1288318	158.7205309	Yes
3.654	259.9	148.733998	149.9815305	Yes
4.007	245.1	165.2951784	160.1489748	Yes
2.919	233.1	192.0882584	177.4749034	Yes
3.726	244.1	166.9692794	162.1037676	Yes
2.654	244	167.1413681	166.1145838	Yes
2.624	204.4	136.0597477	145.7886413	Yes
3.196	194.2	129.8341932	134.6539136	Yes
3.686	221	159.0470698	159.0281655	Yes
5.016	218.3	153.8738695	156.8538405	Yes
4.564	218.1	153.51742	155.5951882	Yes
3.983	217.2	151.9563603	153.457371	Yes
3.946	224	165.6664139	159.9992873	Yes
2.996	224.4	166.6259865	164.6979094	Yes
2.282	219.2	155.5222256	156.6170924	Yes
3.047	207.4	138.8665983	148.5829732	Yes
3.635	241.8	171.1531239	170.6388901	Yes
3.965	237.2	181.0963649	174.4973141	Yes
3.787	235.2	186.1774937	174.8525925	Yes
3.247	221.5	160.0831011	157.5722635	Yes
3.207	231.4	187.0083138	175.3957387	Yes
3.457	226.8	172.8067032	165.5098789	Yes
3.326	218	153.3405134	155.2562332	Yes
3.626	209.1	140.6829105	149.7458799	Yes
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2.874
3.565
3.043
3.469

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9/10/2019	13:11	34.66	2.595
9/10/2019	13:12	34.4	2.567
9/10/2019	13:13	34.26	2.072
9/10/2019	13:14	34.18	2.633
9/10/2019	13:15	33.98	1.943
9/10/2019	13:16	34.03	1.72
9/10/2019	13:17	34.03	2.155
9/10/2019	13:18	33.87	2.613
9/10/2019	13:19	33.84	1.704
9/10/2019	13:20	33.86	1.766
9/10/2019	13:21	33.83	2.459
9/10/2019	13:22	33.71	2.891
9/10/2019	13:23	33.56	2.244
9/10/2019	13:24	33.41	1.824
9/10/2019	13:25	33.31	2.187
9/10/2019	13:26	33.14	2.508
9/10/2019	13:27	33.14	2.205
9/10/2019	13:28	33.07	2.207
9/10/2019	13:29	33.01	1.987
9/10/2019	13:30	32.87	2.077
9/10/2019	13:31	32.8	2.164
9/10/2019	13:32	32.73	2.494
9/10/2019	13:33	32.63	3.142
9/10/2019	13:34	32.45	2.84
9/10/2019	13:35	32.35	2.251
9/10/2019	13:36	32.32	2.456
9/10/2019	13:37	32.28	2.055
9/10/2019	13:38	32.3	2.614
9/10/2019	13:39	32.32	2.237
9/10/2019	13:40	32.37	2.169
9/10/2019	13:41	32.47	1.753
9/10/2019	13:42	32.69	1.85
9/10/2019	13:43	32.79	2.229
9/10/2019	13:44	32.73	2.438
9/10/2019	13:45	32.68	1.665
9/10/2019	13:46	32.77	2.037
9/10/2019	13:47	32.84	2.128
9/10/2019	13:48	32.79	1.587
9/10/2019	13:49	32.94	1.487
9/10/2019	13:50	33.08	1.836
9/10/2019	13:51	33	1.767
9/10/2019	13:52	32.91	1.932
9/10/2019	13:53	32.94	1.753
9/10/2019	13:54	32.88	2.622
9/10/2019	13:55	32.74	1.63
9/10/2019	13:56	32.71	1.804
9/10/2019	13:57	32.66	2.079
9/10/2019	13:58	32.57	2.192
9/10/2019	13:59	32.41	1.817

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274.5	143.8658191	34.71	3.089
256.6	151.2692438	34.38	3.002
264.7	146.0402375	34.12	2.779
255.1	152.6196347	33.95	2.263
250.3	157.8506504	33.89	2.854
249.4	158.9978987	33.68	2.35
229.3	180.1014276	33.76	2.087
236.6	182.5680669	33.76	2.312
249.7	158.6092822	33.62	3.217
261.8	147.531862	33.59	2.022
257.6	150.439072	33.62	2.168
257.9	150.2006904	33.61	2.519
244.4	166.4581678	33.47	3.017
243.4	168.1922038	33.3	2.307
260.6	148.2698482	33.15	1.918
246.5	163.0894665	33.08	2.842
236.2	183.5738179	32.89	3.003
241.4	171.9308504	32.91	2.543
252.2	155.6067462	32.86	2.49
250.8	157.2370948	32.82	2.243
249.7	158.6092822	32.66	2.082
252.3	155.4951241	32.59	2.608
251.2	156.7582401	32.55	2.978
245	165.4588142	32.47	3.314
251.1	156.8769637	32.28	3.074
248.1	160.7554768	32.19	2.757
221.5	160.0831011	32.15	3.18
222.6	162.4546358	32.12	2.243
243.5	168.0148666	32.13	2.672
247.3	161.8982783	32.16	2.515
263	146.8652868	32.21	2.575
258.9	149.4409821	32.33	1.972
238.8	177.3788901	32.56	2.195
243.3	168.3704292	32.66	2.628
253.7	153.9979779	32.57	2.559
249.9	158.3536654	32.48	2.08
247	162.3392225	32.59	2.374
260.7	148.2055809	32.66	2.497
264.4	146.17582	32.62	2.033
258.9	149.4409821	32.75	1.565
265.2	145.823697	32.91	2.13
263.5	146.6082498	32.84	2.199
251.7	156.1744239	32.72	2.164
239.3	176.2761595	32.73	1.996
243.7	167.6628412	32.67	2.767
248.7	159.929249	32.49	1.724
236.1	183.8283932	32.48	2.08
243.8	167.4881453	32.44	2.29
240.7	173.3294827	32.36	2.473
245.8	164.1726616	32.21	2.043

226.9	173.0808789	34.2	3.764
247.4	161.7528127	34.18	3.688
231.9	188.7697038	33.9	3.53
239.9	174.9883145	33.68	3.597
232.4	190.5792409	33.52	2.561
226	170.6627261	33.48	3.278
226.7	172.5339195	33.3	2.702
206.2	137.6847037	33.42	2.234
209.8	141.481181	33.42	2.688
223.7	164.9592071	33.25	3.746
238.7	177.6027217	33.25	2.418
236.8	182.0726285	33.28	2.435
236.7	182.3197334	33.27	2.866
220.2	157.4417417	33.12	3.034
224.2	166.1438025	32.96	2.588
234.3	188.6345537	32.84	2.217
222	161.1450705	32.77	3.261
212.3	144.586539	32.6	2.882
220	157.0502204	32.66	2.808
227.6	175.0397923	32.58	2.821
226.6	172.2625195	32.55	2.639
221.5	160.0831011	32.37	2.152
237.7	179.9029136	32.32	2.991
225.3	168.856618	32.32	3.336
217.8	152.989316	32.25	3.587
225	168.1018522	32.07	3.363
226.1	170.9259926	31.99	3.142
197.7	131.436508	31.96	3.253
202.6	134.6039881	31.92	2.692
222.4	162.0137796	31.93	2.888
220.4	157.837148	31.97	2.964
238	179.2008824	32.02	3.012
232.9	192.4386028	32.16	2.323
216.9	151.4512959	32.37	2.265
218.1	153.51742	32.42	2.953
224.8	167.6049563	32.31	3.042
222.9	163.1241775	32.23	2.623
225.6	169.6228634	32.34	2.643
237.4	180.615438	32.4	2.843
233.8	190.048269	32.36	2.231
238.1	178.969176	32.5	1.848
241.5	171.7349716	32.64	2.332
238.4	178.2808867	32.56	2.492
229.7	181.3587702	32.44	2.535
218	153.3405134	32.47	2.046
220.5	158.0363201	32.37	2.982
225.5	169.3661605	32.21	2.107
212.3	144.586539	32.2	2.336
221	159.0470698	32.18	2.599
215	148.4219956	32.09	2.445
222.7	162.6767095	31.96	2.141

225.3	168.856618	33.78	4.183	219.2	155.5222256	33.34
244.4	166.4581678	33.78	3.951	237.3	180.8553063	33.31
230.7	184.6202228	33.5	3.825	222.7	162.6767095	33.04
237.7	179.9029136	33.32	3.688	229.9	181.9973899	32.88
233.3	191.4980279	33.14	2.781	224	165.6664139	32.73
223.9	165.4295013	33.14	3.596	216.3	150.4634796	32.79
225.6	169.6228634	32.98	2.982	214.6	147.8201441	32.65
207.1	138.5635199	33.14	2.686	199.2	132.2876789	32.87
210.3	142.0699862	33.17	2.923	200.7	133.2418584	32.92
221.8	160.717127	33.01	4.042	215.9	149.8211447	32.69
236.6	182.5680669	32.99	2.475	228.9	178.8700569	32.64
236.7	182.3197334	33.01	2.64	228.8	178.5661959	32.65
236.1	183.8283932	33.01	3.038	226.5	171.9924951	32.65
219.4	155.8985853	32.86	3.71	214.2	147.2303008	32.51
223.1	163.5761126	32.71	2.947	214	146.9398193	32.38
234.1	189.1957803	32.6	2.337	224.9	167.8527808	32.3
221.5	160.0831011	32.57	3.616	213.4	146.0858429	32.3
207.6	139.0715101	32.42	3.721	203.5	135.3112579	32.21
220.5	158.0363201	32.5	3.172	211.4	143.4215034	32.29
229	179.1755005	32.42	3.133	219.7	156.470139	32.19
227.4	174.472931	32.38	2.771	217.9	153.1644801	32.15
222.6	162.4546358	32.19	2.6	217	151.6188155	31.96
237	181.5820782	32.16	3.266	230.1	182.6427564	31.99
221.8	160.717127	32.17	3.769	215.8	149.6625543	31.98
216.6	150.9537025	32.13	4.191	210.2	141.9509679	31.97
223	163.3495837	31.95	3.821	216.6	150.9537025	31.79
226.3	171.4565408	31.88	3.463	217.9	153.1644801	31.72
193.8	129.6842235	31.86	3.971	191.3	128.8962779	31.71
202.7	134.6805694	31.8	3	195.9	130.5466922	31.63
221.1	159.2522329	31.81	3.337	214.7	147.9694733	31.65
219.3	155.7099409	31.85	3.285	212.3	144.586539	31.69
239	176.9345288	31.89	3.204	230.9	185.293471	31.72
234.9	186.9842516	32.04	2.482	224	165.6664139	31.89
219.5	156.0881634	32.23	2.753	210.2	141.9509679	32.07
218.8	154.7805667	32.25	3.284	211.5	143.5482783	32.05
223.8	165.1937679	32.15	3.199	218.3	153.8738695	31.91
221.4	159.8738411	32.05	2.741	215	148.4219956	31.81
223.7	164.9592071	32.17	2.887	217.4	152.2972712	31.94
236.4	183.0684457	32.21	2.989	229.2	179.7911758	32
234.6	187.8032029	32.17	2.476	226.4	171.7238383	31.94
240.5	173.7380647	32.29	1.877	229.9	181.9973899	32.07
242.9	169.0922914	32.45	2.501	234.7	187.5288517	32.24
240.6	173.5332689	32.36	2.705	232.7	191.6887683	32.12
230.9	185.293471	32.25	2.732	223.4	164.2624968	32
221.3	159.6656133	32.29	2.479	212.7	145.1219829	32.11
219.6	156.2786798	32.22	3.535	213	145.5308449	32
226.4	171.7238383	32.04	2.247	216.7	151.1187431	31.82
211.3	143.2953883	32.05	2.687	205.5	137.032099	31.86
222.7	162.6767095	32.03	2.927	215.5	149.1915112	31.84
212.4	144.7193684	31.94	2.948	208.7	140.2401479	31.74
225.2	168.6037636	31.83	2.518	219.9	156.8559046	31.65

4.906	226.4	171.7238383	165.7418821	Yes
4.648	244.3	166.6276829	163.9119577	Yes
4.519	230.1	182.6427564	173.9957272	Yes
4.468	235.8	184.5997584	173.5057228	Yes
3.248	232.5	190.9470722	178.2620779	Yes
4.357	223.1	163.5761126	161.596494	Yes
3.548	222.1	161.3606366	162.0670924	Yes
3.006	204.7	136.3185854	144.9911831	Yes
3.437	209.4	141.0213439	148.0764873	Yes
4.902	222.4	162.0137796	159.2241081	Yes
2.989	235	186.7139875	174.657339	Yes
3.084	238.5	178.0537144	174.2902688	Yes
3.606	233.2	191.7923969	176.0267418	Yes
4.129	219.6	156.2786798	156.6614951	Yes
3.414	223.2	163.8037704	161.7311417	Yes
2.768	233.3	191.4980279	177.0901982	Yes
4.153	219.9	156.8559046	157.4518771	Yes
3.926	209.8	141.481181	148.8048612	Yes
3.805	221	159.0470698	157.8971928	Yes
3.632	225.5	169.3661605	167.1316677	Yes
3.427	223.9	165.4295013	164.5133053	Yes
2.776	223.5	164.4935779	159.4518825	Yes
3.766	237.7	179.9029136	175.9051572	Yes
4.393	222	161.1450705	159.427922	Yes
4.714	217.7	152.8150171	152.8335635	Yes
4.414	223.5	164.4935779	160.755136	Yes
4.114	223	163.3495837	163.9304148	Yes
4.379	197.4	131.2783518	136.2756924	Yes
3.599	201.8	134.0091067	139.2589985	Yes
3.871	221.6	160.2933984	159.5087502	Yes
3.825	218	153.3405134	154.6744839	Yes
3.862	238.2	178.7386118	173.4065562	Yes
3.054	233.7	190.3353042	176.9731109	Yes
3.076	217.5	152.4689987	155.8676632	Yes
3.923	218.6	154.4151969	154.9263782	Yes
3.891	221.8	160.717127	160.2775397	Yes
3.404	219.9	156.8559046	157.3259169	Yes
3.428	221	159.0470698	161.6531268	Yes
3.552	236.4	183.0684457	174.9498172	Yes
2.831	233.8	190.048269	177.1598798	Yes
2.283	237.7	179.9029136	172.8097053	Yes
2.897	243.6	167.8384137	168.4036451	Yes
3.236	240	174.7773583	172.9777064	Yes
3.095	231.3	186.6616714	174.7501667	Yes
2.787	220.3	157.6389568	158.4086452	Yes
3.878	219.6	156.2786798	156.7574731	Yes
2.743	221.8	160.717127	162.5710236	Yes
3.043	212.5	144.8528837	150.7190606	Yes
3.446	221.1	159.2522329	159.5311338	Yes
3.233	216.3	150.4634796	151.4348948	Yes
2.716	225.7	169.8808638	164.4379806	Yes

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9/10/2019	14:07	32.09	1.897
9/10/2019	14:08	32.13	2.063
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9/10/2019	14:10	31.99	2.161
9/10/2019	14:11	32.05	1.847
9/10/2019	14:12	32.09	1.689
9/10/2019	14:13	32.07	1.647
9/10/2019	14:14	32.08	1.7
9/10/2019	14:15	32.09	1.902
9/10/2019	14:16	32.18	1.514
9/10/2019	14:17	32.24	2.024
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9/10/2019	14:22	32.24	1.718
9/10/2019	14:23	32.37	1.365
9/10/2019	14:24	32.59	1.808
9/10/2019	14:25	32.71	1.828
9/10/2019	14:26	32.65	2.232
9/10/2019	14:27	32.49	2.111
9/10/2019	14:28	32.38	2.44
9/10/2019	14:29	32.38	2.613
9/10/2019	14:30	32.46	2.127
9/10/2019	14:31	32.52	2.289
9/10/2019	14:32	32.52	2.574
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9/10/2019	14:37	32.9	1.757
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9/10/2019	14:40	32.96	1.966
9/10/2019	14:41	32.95	2.029
9/10/2019	14:42	32.58	2.904
9/10/2019	14:43	32.31	2.186
9/10/2019	14:44	32.17	2.207
9/10/2019	14:45	32.02	2.557
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9/10/2019	14:47	31.81	2.048
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9/10/2019	14:49	31.67	2.004
9/10/2019	14:50	31.61	2.204

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253	154.7313813	32.2	2.457
259	149.3679312	32.09	2.503
256.2	151.6168585	32.01	1.94
267	145.1405816	32.01	2.522
271.1	144.1344398	32.02	2.442
254.3	153.3930028	31.97	2.202
253.4	154.3086209	31.99	2.309
258.1	150.0444711	31.9	2.417
258.2	149.967168	31.86	2.36
244.4	166.4581678	31.91	1.945
256.9	151.0143979	31.95	1.787
266.4	145.3516416	31.95	1.897
253.9	153.7939153	31.95	2.058
251.1	156.8769637	31.96	2.132
234.8	187.2558705	32.04	1.85
235.3	185.9112491	32.1	2.429
236.8	182.0726285	32.07	2.121
245.6	164.489319	32.14	1.982
249.9	158.3536654	32.23	2.395
262	147.415851	32.2	2.52
257.9	150.2006904	32.11	2.123
233.7	190.3353042	32.23	1.559
230.2	182.967997	32.46	2.173
233.4	191.2051427	32.58	2.18
219.3	155.7099409	32.52	3.002
218.9	154.96461	32.33	2.623
221.1	159.2522329	32.22	2.834
241.2	172.3255294	32.21	2.682
228.3	177.070287	32.3	2.673
231.8	188.4136263	32.36	2.843
235.9	184.3413566	32.36	2.951
229.3	180.1014276	32.36	2.714
227.9	175.9010607	32.59	2.993
239.1	176.7139881	32.74	2.124
215	148.4219956	32.71	2.252
212.3	144.586539	32.73	2.335
219.5	156.0881634	32.82	2.544
234	189.4785153	32.73	2.168
215.6	149.347741	32.78	2.426
228.5	177.6640101	32.78	2.73
224.4	166.6259865	32.39	3.297
213.2	145.8069274	32.11	2.768
212.8	145.2575724	31.99	2.794
214.2	147.2303008	31.85	2.972
226.9	173.0808789	31.69	2.942
217.5	152.4689987	31.64	2.6
211.1	143.0451277	31.59	3.166
223.3	164.0325631	31.52	2.82
214.5	147.6715655	31.45	2.479

238.2	178.7386118	32.16	2.581
239.3	176.2761595	32.22	3.524
226.6	172.2625195	31.98	3.018
236.5	182.8176355	31.89	3.044
229.9	181.9973899	31.81	2.326
241.7	171.3461128	31.83	2.791
246.3	163.3950032	31.85	2.911
227.3	174.1916691	31.79	2.537
230.5	183.9540825	31.81	2.674
235.9	184.3413566	31.7	2.854
235.6	185.120437	31.68	2.607
222.7	162.6767095	31.74	2.024
235.7	184.8594495	31.76	2.063
240.4	173.943875	31.74	2.268
231.3	186.6616714	31.75	2.498
228	176.1911131	31.76	2.502
210.8	142.6746234	31.86	2.177
212.8	145.2575724	31.9	2.956
212.6	144.9870876	31.87	2.296
224.9	167.8527808	31.94	2.033
224.1	165.9045121	32.03	2.727
236.1	183.8283932	32	3.037
232.3	190.2134023	31.91	2.502
211.9	144.0620273	32.05	1.959
207.1	138.5635199	32.28	2.36
207.3	138.7650022	32.37	2.708
196.2	130.6852129	32.27	3.396
194.2	129.8341932	32.07	3.148
196.9	131.0235708	31.96	3.274
214.2	147.2303008	31.97	2.865
203.1	134.9918873	32.07	2.668
205.8	137.3085186	32.13	3.078
217.4	152.2972712	32.1	3.637
201.3	133.6531567	32.12	3.059
203.8	135.5561236	32.32	3.222
218.2	153.695204	32.45	2.403
195.9	130.5466922	32.41	2.501
188.5	128.3131374	32.44	2.35
194.2	129.8341932	32.53	2.889
210.3	142.0699862	32.43	2.427
190	128.5866722	32.51	2.562
202.4	134.4523139	32.47	3.107
198.7	131.9926732	32.05	3.801
189.1	128.4118509	31.81	3.487
189.8	128.5450401	31.7	3.34
188.5	128.3131374	31.57	3.499
199	132.1683105	31.43	3.272
191.8	129.0334674	31.41	3.256
193.1	129.4377621	31.36	3.384
201.8	134.0091067	31.3	3.145
190.4	128.6747234	31.24	2.981

239.9	174.9883145	32.04	2.591	230.5	183.9540825	31.94
236.9	181.8267455	32.11	3.865	229.6	181.0419634	31.96
228.1	176.4826621	31.86	3.092	219	155.1495646	31.67
235.1	186.4450707	31.78	3.204	228	176.1911131	31.63
229	179.1755005	31.71	2.553	221.7	160.5047386	31.54
242.4	170.0150814	31.72	3.062	233.3	191.4980279	31.58
246.5	163.0894665	31.75	3.127	237.4	180.615438	31.59
226.4	171.7238383	31.69	2.754	218.4	154.0534207	31.54
230.2	182.967997	31.7	2.946	222.6	162.4546358	31.54
235.5	185.382728	31.59	2.975	226.8	172.8067032	31.44
238.5	178.0537144	31.56	2.907	229.2	179.7911758	31.39
224.7	167.3583715	31.62	2.388	216.5	150.7894808	31.48
237.9	179.4337369	31.64	2.169	228.8	178.5661959	31.5
242.5	169.8286827	31.62	2.347	233.3	191.4980279	31.46
230.7	184.6202228	31.63	2.585	221.8	160.717127	31.5
226	170.6627261	31.64	2.647	219.3	155.7099409	31.5
209.3	140.9079226	31.76	2.35	202.9	134.8352272	31.65
211.8	143.9325875	31.8	3.122	204.2	135.8898012	31.67
213.2	145.8069274	31.76	2.536	208.5	140.0223639	31.63
227.1	173.6334397	31.83	2.482	217.6	152.6415793	31.72
222.6	162.4546358	31.93	2.946	215.3	148.8813884	31.81
236.3	183.3205043	31.9	3.127	228.4	177.3663815	31.77
232.2	189.8495428	31.8	2.653	224.2	166.1438025	31.63
213.1	145.6685335	31.94	1.978	205.3	136.8505178	31.83
208.9	140.4603245	32.16	2.769	201.7	133.9369487	32.06
206	137.4955162	32.24	2.741	197.5	131.3306282	32.12
191.4	128.9229071	32.14	3.755	186.4	128.0791994	31.99
193.4	129.5409061	31.93	3.366	188	128.2417275	31.77
193.4	129.5409061	31.82	3.83	190.6	128.7211479	31.65
214	146.9398193	31.85	3.354	207.1	138.5635199	31.72
201	133.4453614	31.95	3.365	195.4	130.3244035	31.83
205	136.5821614	32.01	3.474	199.3	132.3480491	31.88
214.7	147.9694733	31.98	3.78	208.6	140.1309578	31.81
198.3	131.7648252	31.99	3.47	193.9	129.7210908	31.82
199.5	132.4701664	32.15	3.796	196.4	130.7797169	31.96
214.7	147.9694733	32.29	2.58	208.4	139.914364	32.11
191.1	128.8442293	32.25	2.844	189.1	128.4118509	32.07
185.5	128.031795	32.28	2.94	180.1	128.4118509	32.13
192.3	129.1807975	32.37	3.166	187.2	128.1479193	32.22
209.3	140.9079226	32.27	2.789	201.6	133.8652759	32.11
189.7	128.5248214	32.36	3.261	184.8	128.0167799	32.21
199.5	132.4701664	32.32	3.581	192	129.0911795	32.11
193.4	129.5409061	31.87	4.401	189.4	128.4665503	31.64
184.9	128.0177548	31.64	3.729	181.4	128.2159189	31.44
185.3	128.0255546	31.55	3.737	181.8	128.1690162	31.35
184.8	128.0167799	31.43	3.878	180	128.4296876	31.24
198.8	132.0507649	31.29	3.854	192.3	129.1807975	31.12
188.6	128.328602	31.27	3.488	183.7	128.031795	31.12
189.4	128.4665503	31.23	3.925	185.2	128.0230196	31.07
199.6	132.5319155	31.19	3.64	194.5	129.9510588	31.02
185.9	128.0489586	31.13	3.294	181.5	128.2036041	30.97

3.217	238.4	178.2808867	172.4184096	Yes
4.691	234.4	188.3560461	174.7538984	Yes
3.802	225.4	169.1107479	165.5473751	Yes
3.702	234.8	187.2558705	176.4155242	Yes
2.972	227.5	174.7556358	169.6100247	Yes
3.638	241.6	171.5400605	169.9079728	Yes
3.7	245	165.4588142	163.3386323	Yes
3.056	225.4	169.1107479	164.4945358	Yes
3.329	228.8	178.5661959	172.4503064	Yes
3.558	233.5	190.9137326	176.6977983	Yes
3.577	236.2	183.5738179	175.3012626	Yes
2.626	222.5	162.2336611	161.9032782	Yes
2.591	237.2	181.0963649	174.994029	Yes
2.754	239.6	175.6274687	171.2499392	Yes
3.012	227.6	175.0397923	172.1665457	Yes
3.091	225.8	170.1401693	165.9161826	Yes
2.813	208.1	139.5939084	149.0535104	Yes
3.662	209.7	141.3652945	150.471301	Yes
2.942	214	146.9398193	151.9657653	Yes
2.676	224.6	167.1130196	165.1460277	Yes
3.307	221.8	160.717127	159.2622657	Yes
3.658	235.6	185.120437	175.4103134	Yes
3.073	233.2	191.7923969	177.639967	Yes
2.267	210.6	142.43085	151.8694466	Yes
3.111	205.6	137.1236975	146.6104975	Yes
3.448	203.6	135.3923691	146.8377317	Yes
4.226	191	128.8188092	134.4432139	Yes
4.158	191.9	129.0621204	134.3287115	Yes
4.347	196.8	130.9739291	135.9023574	Yes
3.686	212.7	145.1219829	150.0362305	Yes
3.522	201.9	134.0817512	141.9827381	Yes
4.105	206	137.4955162	146.4295743	Yes
4.564	212.1	144.3229273	153.8123972	Yes
4.089	198.7	131.9926732	141.4466347	Yes
4.117	202.8	134.7576487	141.8929433	Yes
3.02	213.4	146.0858429	152.8757744	Yes
3.328	194.1	129.7960751	133.2041686	Yes
3.237	187	128.1283904	131.4943425	Yes
3.615	196.1	130.6386087	134.7779364	Yes
3.245	208.7	140.2401479	149.3123696	Yes
3.59	191.8	129.0334674	132.7018964	Yes
4.199	197.6	131.3833467	141.0122033	Yes
4.866	194.9	130.1127622	137.3477757	Yes
4.499	185.1	128.0208746	131.6946653	Yes
4.456	188.1	128.2552218	131.650481	Yes
4.44	185.5	128.031795	132.0043402	Yes
4.03	199.8	132.6567999	139.8275103	Yes
4.146	189.3	128.4479207	133.2621568	Yes
4.451	190.9	128.7937914	131.5532502	Yes
3.95	200.1	132.8476073	138.6744503	Yes
3.975	187.5	128.180153	132.1558009	Yes

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9/10/2019	14:51	31.53	2.272
9/10/2019	14:52	31.43	2.072
9/10/2019	14:53	31.38	2.053
9/10/2019	14:54	31.33	2.503
9/10/2019	14:55	31.26	2.258
9/10/2019	14:56	31.21	2.258
9/10/2019	14:57	31.13	2.367
9/10/2019	14:58	31.02	2.1
9/10/2019	14:59	30.94	2.776
9/10/2019	15:00	30.88	2.344
9/10/2019	15:01	30.82	2.5
9/10/2019	15:02	30.74	2.608
9/10/2019	15:03	30.65	1.945
9/10/2019	15:04	30.68	1.668
9/10/2019	15:05	30.7	2.487
9/10/2019	15:06	30.63	1.88
9/10/2019	15:07	30.6	2.109
9/10/2019	15:08	30.6	1.967
9/10/2019	15:09	30.48	2.307
9/10/2019	15:10	30.42	2.002
9/10/2019	15:11	30.34	2.453
9/10/2019	15:12	30.35	2.358
9/10/2019	15:13	30.37	1.806
9/10/2019	15:14	30.44	1.833
9/10/2019	15:15	30.47	2.146
9/10/2019	15:16	30.41	2.118
9/10/2019	15:17	30.28	2.389
9/10/2019	15:18	30.15	2.288
9/10/2019	15:19	30.08	1.997
9/10/2019	15:20	30.11	1.757
9/10/2019	15:21	30.12	2.454
9/10/2019	15:22	30.02	2.903
9/10/2019	15:23	29.97	2.127
9/10/2019	15:24	29.93	2.122
9/10/2019	15:25	29.9	2.052
9/10/2019	15:26	29.9	2.446
9/10/2019	15:27	29.88	1.909
9/10/2019	15:28	29.86	2.614
9/10/2019	15:29	29.77	2.031
9/10/2019	15:30	29.73	1.937
9/10/2019	15:31	29.75	2.027
9/10/2019	15:32	29.77	2.573
9/10/2019	15:33	29.7	1.9
9/10/2019	15:34	29.76	1.345
9/10/2019	15:35	29.86	1.487
9/10/2019	15:36	29.86	2.358
9/10/2019	15:37	29.83	2.174
9/10/2019	15:38	29.87	2.096
9/10/2019	15:39	29.9	1.761
9/10/2019	15:40	29.95	1.847
9/10/2019	15:41	29.94	2.271

212.7	145.1219829	31.38	2.938
211.8	143.9325875	31.28	2.61
216.2	150.3016928	31.22	2.549
229.8	181.6772422	31.19	2.713
234.6	187.8032029	31.12	2.57
236.2	183.5738179	31.06	2.57
218.1	153.51742	30.98	2.606
215	148.4219956	30.87	2.49
230.7	184.6202228	30.8	3.092
233	192.385621	30.74	2.694
223.6	164.7258126	30.68	2.898
232.8	192.0626612	30.61	2.916
223.1	163.5761126	30.51	2.505
205.6	137.1236975	30.55	2.094
233.5	190.9137326	30.58	2.746
232	189.1277069	30.5	2.507
223.8	165.1937679	30.47	2.209
220.7	158.4376272	30.48	2.494
219.8	156.6625457	30.36	2.845
203.7	135.4739906	30.28	2.643
226	170.6627261	30.22	2.805
238.9	177.156161	30.24	2.649
231.5	187.3568179	30.26	2.061
221.3	159.6656133	30.33	2.08
216.8	151.2846063	30.37	2.244
208.2	139.7001382	30.29	2.478
218.6	154.4151969	30.17	2.853
215	148.4219956	30.03	2.744
219.1	155.335435	29.96	2.572
228.1	176.4826621	29.99	2.026
234.4	188.3560461	30.01	2.964
231.7	188.0594614	29.9	3.332
224.7	167.3583715	29.85	2.707
217.8	152.989316	29.81	2.449
218.2	153.695204	29.78	2.239
215.8	149.6625543	29.79	2.85
220.5	158.0363201	29.77	2.328
218	153.3405134	29.74	2.993
211.5	143.5482783	29.66	2.458
210	141.7148217	29.61	2.59
221.5	160.0831011	29.64	2.475
218.8	154.7805667	29.67	2.946
224.3	166.3842917	29.59	2.54
227.1	173.6334397	29.65	1.451
238.4	178.2808867	29.76	1.817
232.7	191.6887683	29.77	2.628
226.1	170.9259926	29.73	2.561
234.1	189.1957803	29.77	2.259
232.1	189.4876488	29.8	1.973
239.1	176.7139881	29.86	2.124
241.1	172.5243387	29.84	2.439

188.8	128.3607156	31.15	3.378
189	128.3944101	31.04	3.232
188.1	128.2552218	31.01	3.021
206.1	137.5898354	30.98	2.723
208.5	140.0223639	30.91	2.934
213	145.5308449	30.88	3.106
186.5	128.0864199	30.79	3.262
188.2	128.2691098	30.68	2.913
208.8	140.3499361	30.61	3.437
209.8	141.481181	30.58	3.238
200.1	132.8476073	30.52	3.081
208.3	139.8069561	30.44	3.185
203.4	135.2306555	30.36	3.093
187.1	128.1379589	30.42	2.43
208.1	139.5939084	30.43	3.345
207.5	138.968767	30.35	3.052
200.6	133.1749726	30.32	2.771
197.2	131.1751217	30.34	3.007
197.1	131.1241663	30.2	3.443
178	128.870052	30.13	3.189
200.8	133.3092177	30.08	3.391
213.1	145.6685335	30.11	3.16
207.3	138.7650022	30.15	2.392
199.9	132.7199372	30.22	2.431
195.2	130.2384741	30.24	2.773
182.7	128.0864199	30.14	2.908
193	129.4042052	30	3.485
191	128.8188092	29.87	3.41
195.7	130.4564935	29.81	2.965
203.1	134.9918873	29.85	2.485
207.1	138.5635199	29.86	3.557
205.6	137.1236975	29.74	3.552
200	132.7835393	29.71	3.194
196.1	130.6386087	29.67	2.964
197.3	131.2265166	29.65	2.819
193.6	129.6117355	29.66	3.482
193.6	129.6117355	29.63	2.724
197.6	131.3833467	29.6	3.394
188.3	128.2833916	29.52	3.067
185.5	128.031795	29.48	2.966
196.1	130.6386087	29.53	2.654
194.2	129.8341932	29.55	3.468
201.8	134.0091067	29.47	2.994
207.9	139.3832047	29.54	1.851
214.5	147.6715655	29.65	2.419
212	144.1921397	29.63	3.148
205.2	136.7605319	29.61	3.117
211.4	143.4215034	29.66	2.409
214.4	147.5237341	29.69	2.635
218	153.3405134	29.75	2.513
220.1	157.2454979	29.73	3.272

183.7	128.031795	31.03	3.864	180.6	128.328602	30.87
184.8	128.0167799	30.93	3.486	180.3	128.3773651	30.76
188.3	128.2833916	30.91	3.324	182.5	128.1020341	30.77
203.8	135.5561236	30.87	3.512	200	132.7835393	30.73
202.5	134.5279034	30.81	3.229	200.9	133.3770516	30.67
209.1	140.6829105	30.79	3.303	204.9	136.4937737	30.66
184	128.0230196	30.7	3.543	178.9	128.6521114	30.56
184.8	128.0167799	30.59	3.425	181.1	128.2552218	30.45
204	135.7219305	30.52	3.792	200.5	133.1085592	30.38
204.4	136.0597477	30.5	3.343	202.4	134.4523139	30.38
194	129.7583745	30.45	3.666	192	129.0911795	30.32
201.4	133.7233811	30.38	3.65	200	132.7835393	30.25
195.4	130.3244035	30.31	3.243	192.7	129.3060009	30.2
185.9	128.0489586	30.38	2.702	178.7	128.6977354	30.3
201.9	134.0817512	30.38	3.661	198.9	132.1093104	30.27
201.7	133.9369487	30.29	3.157	199.4	132.4088779	30.18
195.9	130.5466922	30.27	2.91	192.7	129.3060009	30.16
192.6	129.2740865	30.29	3.26	189.5	128.4855767	30.2
191.1	128.8442293	30.15	3.75	188.4	128.2980674	30.04
175.2	129.7583745	30.09	3.548	171.5	131.436508	29.99
195.5	130.3680067	30.03	3.659	192.5	129.2425815	29.94
207.4	138.8665983	30.06	3.461	206	137.4955162	29.97
199.7	132.5941263	30.1	2.64	199.8	132.6567999	30.02
197.9	131.5441627	30.18	2.642	193.2	129.4717308	30.12
191.1	128.8442293	30.19	2.932	188.8	128.3607156	30.1
179.3	128.565657	30.08	3.178	174.9	129.8727295	29.98
186.3	128.0723698	29.93	3.756	184.2	128.0191197	29.82
184.8	128.0167799	29.81	3.725	183.3	128.0489586	29.71
192.6	129.2740865	29.75	3.183	188.6	128.328602	29.65
198.1	131.6535994	29.8	2.524	195.3	130.2812262	29.71
201.6	133.8652759	29.8	3.8	197.9	131.5441627	29.7
199.8	132.6567999	29.67	4.186	197.2	131.1751217	29.55
193.4	129.5409061	29.65	3.469	190.6	128.7211479	29.55
192	129.0911795	29.61	3.263	187.6	128.1916822	29.51
197.3	131.2265166	29.59	2.998	191.3	128.8962779	29.49
189	128.3944101	29.6	3.554	184.2	128.0191197	29.5
193.4	129.5409061	29.58	3.047	185	128.0191197	29.49
190.7	128.7449612	29.54	3.808	188.9	128.3773651	29.44
183.1	128.0598829	29.47	3.154	179.9	128.4479207	29.37
181.1	128.2552218	29.42	3.391	177.2	129.0911795	29.33
190.1	128.6080861	29.48	3.067	188.4	128.2980674	29.41
189.7	128.5248214	29.5	3.941	187.1	128.1379589	29.41
195.9	130.5466922	29.41	3.276	194.1	129.7960751	29.32
204.9	136.4937737	29.49	1.813	198.5	131.8778474	29.41
210.4	142.1896378	29.6	2.238	206.4	137.8760949	29.53
205.6	137.1236975	29.59	3.324	204.4	136.0597477	29.51
203.5	135.3112579	29.56	3.336	200.4	133.042617	29.48
206.6	138.0697036	29.62	2.88	204.6	136.2317817	29.54
210.3	142.0699862	29.64	2.451	207.8	139.278727	29.55
213.1	145.6685335	29.69	2.608	211.1	143.0451277	29.61
213.5	146.2263702	29.67	3.141	212	144.1921397	29.58

4.526	186.7	128.1020341	131.5890259	Yes
4.071	185.8	128.0440822	131.353045	Yes
3.709	190.5	128.6977354	132.7280152	Yes
3.524	205	136.5821614	144.8377804	Yes
3.626	204.8	136.4059155	146.4272875	Yes
3.734	209.6	141.2500277	149.5062749	Yes
4.191	185.4	128.0284797	133.2614901	Yes
3.809	187.8	128.2159189	132.2358052	Yes
4.123	205.2	136.7605319	146.1122361	Yes
4.013	204.3	135.9745142	148.0706756	Yes
4.003	197.2	131.1751217	137.5196191	Yes
4.08	202.7	134.6805694	146.6114214	Yes
3.793	194.1	129.7960751	137.6466495	Yes
3.107	185.5	128.031795	130.0080291	Yes
4.249	204.2	135.8898012	146.5177008	Yes
3.835	202.1	134.2285045	145.734161	Yes
3.422	198.3	131.7648252	137.9972518	Yes
3.631	194.9	130.1127622	135.4970349	Yes
4.354	193.5	129.5761138	134.9010245	Yes
4.059	177.5	129.00522	130.908829	Yes
4.366	197.3	131.2265166	138.9618097	Yes
4.002	209.4	141.0213439	148.0416306	Yes
2.805	204	135.7219305	145.4189354	Yes
3.018	199.3	132.3480491	137.1498986	Yes
3.478	193.8	129.6842235	133.6824498	Yes
3.699	181.5	128.2036041	130.8857097	Yes
4.441	187.3	128.1582717	133.6138327	Yes
4.123	189	128.3944101	132.3401907	Yes
3.688	194.1	129.7960751	134.6381384	Yes
2.934	201.6	133.8652759	141.4549302	Yes
4.482	200.8	133.3092177	145.1276445	Yes
4.627	201.1	133.514148	144.5058457	Yes
3.966	194.2	129.8341932	137.6476316	Yes
3.706	193.5	129.5761138	134.09738	Yes
3.475	195.3	130.2812262	135.0651482	Yes
4.221	189.4	128.4665503	132.830874	Yes
3.487	192.7	129.3060009	134.9028165	Yes
4.107	193	129.4042052	134.2500783	Yes
3.783	186	128.0542255	131.2787398	Yes
3.737	183.3	128.0489586	131.0283953	Yes
3.284	193.7	129.6477719	135.455127	Yes
4.461	191.7	129.00522	134.0565521	Yes
3.727	197.9	131.5441627	138.4560657	Yes
2.137	205.5	137.032099	143.6840729	Yes
2.88	209.4	141.0213439	149.4079058	Yes
3.901	208.3	139.8069561	149.7742618	Yes
3.812	206.2	137.6847037	142.7450206	Yes
3.023	211.4	143.4215034	150.0680545	Yes
3.123	210.6	142.43085	152.1581892	Yes
3.147	213.9	146.7956779	153.1127681	Yes
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238.1	178.969176	29.92	1.966
243.5	168.0148666	29.9	1.858
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208.7	140.2401479	29.68	2.921
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233.2	191.7923969	29.69	2.418
233.7	190.3353042	29.64	2.842
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199	132.1683105	29.62	2.68	196.2	130.6852129	29.55
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192	129.0911795	29.73	3.688	192.1	129.120645	29.66
194.1	129.7960751	29.74	2.981	189.4	128.4665503	29.67
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199.8	132.6567999	29.69	3.29	197.9	131.5441627	29.62
203.4	135.2306555	29.65	3.24	201.8	134.0091067	29.58
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219.4	155.8985853	29.76	2.268	216.8	151.2846063	29.68
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224.8	167.6049563	29.7	2.734	222.2	161.577273	29.62
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2.969	202	134.1548834	139.3618732	Yes
3.477	199.4	132.4088779	140.2148958	Yes
3.881	195.1	130.1961465	136.1557502	Yes
3.478	194.5	129.9510588	136.4037447	Yes
3.506	190.9	128.7937914	132.187267	Yes
2.88	206.5	137.9726212	146.8659837	Yes
3.717	201.5	133.7940871	142.8313426	Yes
3.38	206.5	137.9726212	146.7386111	Yes
3.554	202.1	134.2285045	143.3933893	Yes
3.493	206.6	138.0697036	146.568617	Yes
3.797	205.3	136.8505178	148.5925798	Yes
3.814	200.5	133.1085592	141.224208	Yes
3.514	203	134.9133063	142.7099519	Yes
3.428	209.6	141.2500277	150.4474129	Yes
2.642	202.2	134.3026158	140.3588667	Yes
2.794	213.2	145.8069274	153.1446269	Yes
2.93	217.4	152.2972712	153.049231	Yes
2.531	208.4	139.914364	147.867862	Yes
2.614	208.2	139.7001382	147.6825921	Yes
2.735	215.4	149.0360615	151.5826031	Yes
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3.134	227.6	175.0397923	168.7315269	Yes
2.466	237.2	181.0963649	173.5586313	Yes
3.518	225.6	169.6228634	166.4291353	Yes
3.793	228.1	176.4826621	169.5163807	Yes
3.791	232.7	191.6887683	177.9401114	Yes
3.116	222.7	162.6767095	162.2963491	Yes
2.807	216.8	151.2846063	154.3998715	Yes
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3.444	222	161.1450705	158.4755419	Yes
2.574	221.2	159.4584123	159.1603699	Yes
3.185	231.8	188.4136263	179.6728659	Yes
3.588	232.1	189.4876488	177.6588662	Yes
2.638	229.8	181.6772422	173.0303598	Yes
2.71	233.3	191.4980279	178.3543873	Yes
3.081	238.4	178.2808867	172.5681298	Yes
2.673	232.7	191.6887683	177.0153066	Yes
2.658	240.7	173.3294827	171.45335	Yes
2.306	228.1	176.4826621	173.55315	Yes
2.941	227.4	174.472931	170.6645858	Yes
2.865	218.6	154.4151969	155.2784231	Yes
2.935	221.3	159.6656133	158.1515664	Yes
2.732	232.8	192.0626612	180.26015	Yes
3.034	235.8	184.5997584	176.0490575	Yes
2.678	231.5	187.3568179	177.4056904	Yes
2.927	233.5	190.9137326	178.6837028	Yes

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9/10/2019	16:54	29.85	1.592
9/10/2019	16:55	29.86	1.839
9/10/2019	16:56	29.88	1.575
9/10/2019	16:57	29.95	1.603
9/10/2019	16:58	29.93	1.747
9/10/2019	16:59	29.9	1.542
9/10/2019	17:00	29.89	1.468
9/10/2019	17:01	29.89	1.532
9/10/2019	17:02	29.88	1.323
9/10/2019	17:03	29.92	1.413
9/10/2019	17:04	29.95	1.349
9/10/2019	17:05	29.95	1.335
9/10/2019	17:06	29.98	1.338
9/10/2019	17:07	30.03	1.544
9/10/2019	17:08	30.02	1.418
9/10/2019	17:09	30.04	1.089
9/10/2019	17:10	30.09	0.92
9/10/2019	17:11	30.13	1.271
9/10/2019	17:12	30.18	1.119
9/10/2019	17:13	30.18	1.296
9/10/2019	17:14	30.16	1.338
9/10/2019	17:15	30.16	1.167
9/10/2019	17:16	30.19	1.377
9/10/2019	17:17	30.27	1.155
9/10/2019	17:18	30.28	1.294
9/10/2019	17:19	30.22	1.44
9/10/2019	17:20	30.18	1.257
9/10/2019	17:21	30.18	1
9/10/2019	17:22	30.19	1.241
9/10/2019	17:23	30.21	1.205

257.8	150.2796092	29.47	2.196
251.8	156.0596058	29.46	1.663
241.5	171.7349716	29.5	1.474
219.7	156.470139	29.54	1.714
240.4	173.943875	29.56	1.69
260.7	148.2055809	29.57	1.772
279.3	144.3509966	29.54	1.687
276.7	143.962286	29.52	1.645
273.2	143.9085582	29.54	1.636
255.4	152.3392627	29.55	1.678
269.9	144.3509966	29.54	2.033
262.9	146.9181461	29.5	1.888
260.5	148.3346233	29.47	1.892
254.1	153.5922617	29.46	1.419
275.9	143.9026392	29.5	1.58
274.2	143.869106	29.52	1.496
253.4	154.3086209	29.55	1.324
257.3	150.682349	29.63	1.267
264.5	146.1301527	29.69	1.569
267.8	144.8847909	29.75	1.564
247.7	161.3209223	29.78	1.54
244.7	165.9547117	29.76	1.721
242.1	170.5798662	29.77	1.98
236.9	181.8267455	29.78	1.746
248.4	160.3391006	29.85	1.769
243	168.9104738	29.84	2.083
262.3	147.2455367	29.81	1.733
257.3	150.682349	29.8	1.639
264.3	146.2219614	29.8	1.601
264	146.3632375	29.81	1.467
257.3	150.682349	29.84	1.527
274	143.8734887	29.88	1.482
264.1	146.3156694	29.89	1.272
240.8	173.1267013	29.91	1.552
237.7	179.9029136	29.96	1.565
228.9	178.8700569	29.93	1.562
233.6	190.6237893	29.94	1.382
240.6	173.5332689	30	1.07
236.7	182.3197334	30.05	1.315
240.7	173.3294827	30.1	1.207
244.1	166.9692794	30.08	1.459
249	159.5258496	30.06	1.456
296.2	154.7313813	30.09	1.218
283.8	145.7403654	30.13	1.407
279.8	144.4601404	30.23	1.312
271.3	144.1045518	30.24	1.346
272.6	143.9532925	30.18	1.542
257	150.9305587	30.12	1.33
264.7	146.0402375	30.12	1.127
278.6	144.2169051	30.14	1.33
260.3	148.4657012	30.16	1.269

234.2	188.9144624	29.39	2.606
227.5	174.7556358	29.38	1.84
215.2	148.7274886	29.43	1.663
204.8	136.4059155	29.46	1.836
220.3	157.6389568	29.47	1.877
235.6	185.120437	29.48	1.991
252.8	154.9464686	29.45	1.957
248.2	160.6159553	29.43	1.862
248.4	160.3391006	29.45	2.001
231.7	188.0594614	29.46	1.913
244	167.1413681	29.45	2.259
239.1	176.7139881	29.41	2.218
235.5	185.382728	29.39	2.23
231.1	185.9739218	29.39	1.481
248.5	160.201762	29.42	1.776
244.5	166.2895033	29.44	1.64
230.5	183.9540825	29.48	1.487
233.1	192.0882584	29.55	1.406
238.9	177.156161	29.62	1.634
236.9	181.8267455	29.67	1.704
223.1	163.5761126	29.69	1.824
223.5	164.4935779	29.65	1.994
218.7	154.5974305	29.66	2.229
218.1	153.51742	29.67	1.822
224.8	167.6049563	29.73	2.178
225.1	168.3521774	29.71	2.393
234.6	187.8032029	29.7	1.962
230.2	182.967997	29.69	1.805
240.4	173.943875	29.7	1.892
237.9	179.4337369	29.7	1.713
229.9	181.9973899	29.73	1.61
250.3	157.8506504	29.76	1.707
240.6	173.5332689	29.77	1.496
218.2	153.695204	29.79	1.814
216	149.9805289	29.83	1.778
209.9	141.5976893	29.78	1.698
215	148.4219956	29.79	1.606
216.4	150.6260744	29.85	1.207
216.8	151.2846063	29.91	1.326
219.3	155.7099409	29.95	1.531
221.4	159.8738411	29.91	1.705
224.7	167.3583715	29.89	1.688
268.3	144.7396894	29.92	1.618
258.4	149.8141685	29.95	1.816
246.9	162.4877295	30.04	1.585
244.9	165.6232794	30.05	1.435
243.9	167.3143222	29.99	1.763
237.7	179.9029136	29.94	1.458
238.3	178.509184	29.93	1.296
253.8	153.8956445	29.95	1.701
236.6	182.5680669	29.97	1.375

228.9	178.8700569	29.36	2.718	226.4	171.7238383	29.28
227.3	174.1916691	29.35	2.034	223.8	165.1937679	29.28
216	149.9805289	29.4	1.815	210.1	141.8325805	29.34
203	134.9133063	29.43	2.034	196.4	130.7797169	29.37
216.8	151.2846063	29.44	2.073	216	149.9805289	29.38
233.9	189.7626755	29.45	2.197	230.5	183.9540825	29.38
251.1	156.8769637	29.41	2.102	244.9	165.6232794	29.34
247.8	161.1784514	29.39	2.143	240.4	173.943875	29.33
247.7	161.3209223	29.41	2.088	242.4	170.0150814	29.35
230.5	183.9540825	29.43	2.171	227.7	175.3254093	29.37
241	172.724134	29.42	2.516	236.3	183.3205043	29.35
236.7	182.3197334	29.38	2.415	232.2	189.8495428	29.3
234.4	188.3560461	29.36	2.412	230.5	183.9540825	29.28
233.6	190.6237893	29.36	1.747	225.9	170.4007875	29.28
248.3	160.4771641	29.39	1.968	242.5	169.8286827	29.32
245.9	164.0155381	29.41	1.85	238	179.2008824	29.34
234.2	188.9144624	29.44	1.665	226	170.6627261	29.38
233.1	192.0882584	29.51	1.604	223.3	164.0325631	29.46
238.1	178.969176	29.58	1.822	230.8	184.9559525	29.53
238.6	177.8276612	29.63	1.934	231.1	185.9739218	29.57
220.6	158.2364782	29.65	1.939	216	149.9805289	29.58
219.2	155.5222256	29.6	2.214	218	153.3405134	29.51
213.1	145.6685335	29.61	2.378	213.6	146.3676144	29.53
216.7	151.1187431	29.62	2.171	215.1	148.5743588	29.54
223.2	163.8037704	29.68	2.222	219.2	155.5222256	29.6
219.8	156.6625457	29.66	2.543	219.4	155.8985853	29.58
232.8	192.0626612	29.64	2.153	228.4	177.3663815	29.57
229.1	179.4825368	29.64	2.061	224.2	166.1438025	29.56
240.1	174.5674412	29.65	1.996	232.6	191.31691	29.57
236.9	181.8267455	29.64	1.93	230.9	185.293471	29.56
229.3	180.1014276	29.67	1.977	223.7	164.9592071	29.6
253	154.7313813	29.69	1.859	243.6	167.8384137	29.61
240.3	174.1507045	29.7	1.746	232.6	191.31691	29.63
217.3	152.1263931	29.72	1.958	212.2	144.4543929	29.65
214.9	148.2703958	29.76	1.966	212.6	144.9870876	29.7
211.2	143.1699306	29.72	1.874	206.4	137.8760949	29.65
213	145.5308449	29.72	1.686	209.8	141.481181	29.66
220.9	158.8429179	29.79	1.281	212.7	145.1219829	29.73
219.7	156.470139	29.84	1.51	215.3	148.8813884	29.78
217.7	152.8150171	29.88	1.61	214.3	147.3766469	29.82
221.6	160.2933984	29.84	1.854	216	149.9805289	29.77
223	163.3495837	29.82	1.9	216.7	151.1187431	29.76
267.5	144.9772949	29.84	1.629	262.1	147.3585869	29.78
257.9	150.2006904	29.86	1.931	249.9	158.3536654	29.79
249.3	159.1288318	29.93	1.725	238.9	177.156161	29.89
247	162.3392225	29.95	1.766	238.1	178.969176	29.9
243.3	168.3704292	29.89	1.938	237.1	181.3386201	29.84
242.2	170.3906689	29.85	1.735	232.6	191.31691	29.78
239.5	175.8426324	29.83	1.381	230.1	182.6427564	29.76
255.8	151.9734986	29.85	1.804	247.3	161.8982783	29.79
237.6	180.1392477	29.87	1.573	231.1	185.9739218	29.82

3.256	231.2	186.3168781	175.220969	Yes
2.295	228.9	178.8700569	169.8141471	Yes
2.155	218.1	153.51742	153.1585979	Yes
2.19	204.4	136.0597477	138.9257651	Yes
2.268	221.1	159.2522329	158.42004	Yes
2.504	235.3	185.9112491	178.590805	Yes
2.399	252	155.8318976	155.5259212	Yes
2.382	247	162.3392225	160.407958	Yes
2.463	249.3	159.1288318	158.9424989	Yes
2.407	233.1	192.0882584	178.3532949	Yes
2.873	241.2	172.3255294	167.9725065	Yes
2.826	237	181.5820782	175.4766977	Yes
2.821	236.5	182.8176355	177.7690231	Yes
1.893	233.4	191.2051427	178.3591806	Yes
2.284	248.2	160.6159553	159.0052407	Yes
2.096	246.7	162.7870502	163.232416	Yes
1.836	230.9	185.293471	176.6266726	Yes
1.826	227.8	175.6124958	174.9007849	Yes
1.901	237.3	180.8553063	173.6133497	Yes
2.157	235.3	185.9112491	175.2848737	Yes
2.284	220.2	157.4417417	158.1111567	Yes
2.48	220.8	158.6397721	159.5901601	Yes
2.773	217.1	151.7871691	153.8001227	Yes
2.367	219	155.1495646	158.0373664	Yes
2.765	223.2	163.8037704	162.2147646	Yes
2.791	224.4	166.6259865	163.2899537	Yes
2.367	234.1	189.1957803	178.7347125	Yes
2.246	229.8	181.6772422	172.1907855	Yes
2.31	235.1	186.4450707	174.4990517	Yes
2.159	235.5	185.382728	175.6599838	Yes
2.126	227.6	175.0397923	170.5560332	Yes
2.177	249.1	159.3928048	156.7373478	Yes
1.876	239.7	175.4133646	172.1459835	Yes
2.197	216.3	150.4634796	154.7732342	Yes
2.222	216.3	150.4634796	154.7208811	Yes
2.073	211.3	143.2953883	148.961832	Yes
1.985	215.5	149.1915112	155.0498644	Yes
1.609	222	161.1450705	157.8538629	Yes
1.682	221.6	160.2933984	159.8498531	Yes
2.022	219	155.1495646	156.8761304	Yes
2.218	222.1	161.3606366	159.6955369	Yes
2.087	224.4	166.6259865	161.5957069	Yes
2.114	270	144.3305061	147.2274917	Yes
2.274	257.7	150.3590693	150.8935918	Yes
1.976	248.6	160.0651457	160.6596017	Yes
1.795	244.1	166.9692794	163.6011018	Yes
2.098	244.1	166.9692794	165.5891887	Yes
1.974	238	179.2008824	174.3483867	Yes
1.592	237.1	181.3386201	172.8746861	Yes
2.12	255.1	152.6196347	152.9207922	Yes
1.825	234.9	186.9842516	176.8262378	Yes

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9/10/2019	17:25	30.26	0.989
9/10/2019	17:26	30.22	1.612
9/10/2019	17:27	30.18	1.171
9/10/2019	17:28	30.12	1.139
9/10/2019	17:29	30.03	1.456
9/10/2019	17:30	29.97	1.698
9/10/2019	17:31	29.9	1.632
9/10/2019	17:32	29.88	1.373
9/10/2019	17:33	29.88	1.584
9/10/2019	17:34	29.89	1.571
9/10/2019	17:35	29.91	1.443
9/10/2019	17:36	29.93	1.426
9/10/2019	17:37	29.92	1.042
9/10/2019	17:38	29.94	1.531
9/10/2019	17:39	29.97	1.604
9/10/2019	17:40	29.98	1.538
9/10/2019	17:41	29.99	1.474
9/10/2019	17:42	29.99	1.502
9/10/2019	17:43	29.98	1.373
9/10/2019	17:44	29.98	1.388
9/10/2019	17:45	29.98	1.127
9/10/2019	17:46	29.99	1.134
9/10/2019	17:47	30	1.49
9/10/2019	17:48	29.97	1.622
9/10/2019	17:49	29.94	1.611
9/10/2019	17:50	29.92	1.432
9/10/2019	17:51	29.9	1.207
9/10/2019	17:52	29.91	1.421
9/10/2019	17:53	29.91	1.101
9/10/2019	17:54	29.94	1.28
9/10/2019	17:55	29.95	1.302
9/10/2019	17:56	29.95	1.389
9/10/2019	17:57	29.96	1.421
9/10/2019	17:58	30	1.471
9/10/2019	17:59	30	1.503
9/10/2019	18:00	29.97	1.508
9/10/2019	18:01	29.95	1.432
9/10/2019	18:02	29.96	1.269
9/10/2019	18:03	29.99	1.447
9/10/2019	18:04	30.07	1.464
9/10/2019	18:05	30.16	1.622
9/10/2019	18:06	30.2	1.437
9/10/2019	18:07	30.22	1.191
9/10/2019	18:08	30.23	1.525
9/10/2019	18:09	30.3	0.819
9/10/2019	18:10	30.49	0.902
9/10/2019	18:11	30.66	0.798
9/10/2019	18:12	30.72	1.082
9/10/2019	18:13	30.63	0.977
9/10/2019	18:14	30.53	0.757

260.5	148.3346233	30.17	1.373
277.5	144.0500767	30.2	0.984
263.2	146.7610226	30.16	1.588
257.6	150.439072	30.1	1.272
293.6	152.1552339	30.05	1.248
275.3	143.8763375	29.97	1.563
277.5	144.0500767	29.91	1.767
266.8	145.2090977	29.84	1.884
263.6	146.5582885	29.81	1.546
257	150.9305587	29.82	1.637
254.4	153.294267	29.82	1.749
246.6	162.9378699	29.83	1.459
265.5	145.6994008	29.85	1.461
280.8	144.7120259	29.85	1.108
249.1	159.3928048	29.87	1.645
238.3	178.509184	29.9	1.695
234.4	188.3560461	29.9	1.752
241.8	171.1531239	29.91	1.664
228.5	177.6640101	29.91	1.655
224.2	166.1438025	29.9	1.737
242.2	170.3906689	29.9	1.442
248	160.8957315	29.9	1.302
244.9	165.6232794	29.92	1.357
233	192.385621	29.93	1.731
255.2	152.5255981	29.91	1.953
248	160.8957315	29.87	1.783
246.8	162.6370044	29.85	1.581
248.4	160.3391006	29.83	1.405
244.3	166.6276829	29.84	1.616
242.1	170.5798662	29.84	1.233
251.9	155.945431	29.87	1.477
249.4	158.9978987	29.89	1.408
246.2	163.5489495	29.89	1.685
235.3	185.9112491	29.9	1.621
233.4	191.2051427	29.93	1.6
243.6	167.8384137	29.93	1.701
246.4	163.2418433	29.9	1.681
253.1	154.6247674	29.89	1.728
234.8	187.2558705	29.9	1.48
232.7	191.6887683	29.94	1.625
246.1	163.7036852	30.02	1.655
233.7	190.3353042	30.11	1.696
240.7	173.3294827	30.15	1.651
244.4	166.4581678	30.16	1.338
234.8	187.2558705	30.16	1.619
238.8	177.3788901	30.23	1.106
251	156.9963458	30.42	1.001
252.5	155.273777	30.6	0.868
266	145.5015641	30.66	1.158
270	144.3305061	30.58	1.218
266.6	145.2794496	30.48	0.861

238.3	178.509184	29.97	1.701
252.7	155.0549457	30	1.257
237.8	179.6677453	29.97	1.866
234	189.4785153	29.92	1.376
265.2	145.823697	29.88	1.648
247.6	161.4641376	29.83	1.784
249.8	158.4811294	29.78	2.024
238.7	177.6027217	29.72	2.06
240.5	173.7380647	29.7	1.756
232.8	192.0626612	29.72	1.736
228.9	178.8700569	29.72	1.897
224.7	167.3583715	29.73	1.46
243.6	167.8384137	29.75	1.679
256.5	151.3553066	29.75	1.388
224	165.6664139	29.78	1.755
216.5	150.7894808	29.8	2.004
212	144.1921397	29.81	2.021
220.5	158.0363201	29.82	1.962
209.1	140.6829105	29.83	1.641
208.2	139.7001382	29.82	1.996
223	163.3495837	29.82	1.643
220.3	157.6389568	29.82	1.569
221.8	160.717127	29.85	1.406
208.9	140.4603245	29.85	1.795
229.8	181.6772422	29.84	2.404
224.1	165.9045121	29.81	1.917
224.4	166.6259865	29.79	1.771
227.3	174.1916691	29.77	1.683
224.7	167.3583715	29.77	1.775
222.2	161.577273	29.78	1.323
226.2	171.1905949	29.81	1.736
227.3	174.1916691	29.82	1.502
227	173.356455	29.83	1.846
216.4	150.6260744	29.83	1.957
214.4	147.5237341	29.85	1.868
215.9	149.8211447	29.85	2.029
224.3	166.3842917	29.82	1.934
229	179.1755005	29.82	1.91
210	141.7148217	29.84	1.629
216.5	150.7894808	29.87	1.786
225.1	168.3521774	29.93	1.966
214.8	148.1195561	30	1.952
216.4	150.6260744	30.02	1.865
223.3	164.0325631	30.04	1.507
213.8	146.6522652	30.03	1.818
215.4	149.0360615	30.08	1.005
230	182.3192244	30.24	1.154
232	189.1277069	30.39	0.805
239	176.9345288	30.44	1.32
244.7	165.9547117	30.37	1.32
242.3	170.2024087	30.3	0.962

237.2	181.0963649	29.88	1.781	231.3	186.6616714	29.81
256	151.7940443	29.9	1.292	246.5	163.0894665	29.84
237.3	180.8553063	29.87	2.014	232.5	190.9470722	29.79
234.6	187.8032029	29.82	1.633	227.9	175.9010607	29.74
261.5	147.7095994	29.79	1.644	252.6	155.1640479	29.72
248.7	159.929249	29.76	1.934	241.2	172.3255294	29.69
247.1	162.1914802	29.71	2.301	239	176.9345288	29.65
236.5	182.8176355	29.67	2.335	231.5	187.3568179	29.6
242	170.7700049	29.66	2.002	233.8	190.048269	29.6
232.6	191.31691	29.68	2.051	227.6	175.0397923	29.63
229.1	179.4825368	29.69	2.166	225.2	168.6037636	29.63
224.1	165.9045121	29.69	1.722	219.6	156.2786798	29.64
243.1	168.7295603	29.71	1.832	237.4	180.615438	29.66
259.1	149.2954063	29.71	1.442	250.1	158.1007946	29.66
221.6	160.2933984	29.73	2.061	218.3	153.8738695	29.69
214.5	147.6715655	29.77	2.123	213.1	145.6685335	29.73
209.5	141.1353782	29.78	2.146	208	139.4882645	29.75
218.9	154.96461	29.81	1.982	212.9	145.3938588	29.77
204.8	136.4059155	29.82	2.027	203.6	135.3923691	29.79
206.4	137.8760949	29.81	2.182	202	134.1548834	29.78
224.4	166.6259865	29.81	1.796	218.4	154.0534207	29.79
216.8	151.2846063	29.82	1.601	212.5	144.8528837	29.79
222.4	162.0137796	29.84	1.594	215.4	149.0360615	29.82
204.8	136.4059155	29.85	2.037	204.2	135.8898012	29.83
224.2	166.1438025	29.84	2.527	223.1	163.5761126	29.81
223.6	164.7258126	29.82	2.105	219.5	156.0881634	29.79
222.1	161.3606366	29.79	1.896	218.4	154.0534207	29.76
225.4	169.1107479	29.78	1.704	221.8	160.717127	29.75
224.4	166.6259865	29.77	2.006	221.2	159.4584123	29.75
222.9	163.1241775	29.78	1.447	214.5	147.6715655	29.75
223.6	164.7258126	29.8	1.761	222.5	162.2336611	29.78
226.4	171.7238383	29.82	1.664	221.7	160.5047386	29.8
222.2	161.577273	29.82	2.072	219.3	155.7099409	29.8
213.8	146.6522652	29.83	2.017	211.6	143.6757156	29.81
215.3	148.8813884	29.85	1.889	210.4	142.1896378	29.83
212.1	144.3229273	29.85	2.14	211.2	143.1699306	29.83
221.5	160.0831011	29.82	2.04	218.8	154.7805667	29.8
225.2	168.6037636	29.83	2.079	222.9	163.1241775	29.81
205.2	136.7605319	29.85	1.761	202	134.1548834	29.84
213.7	146.5095784	29.87	1.975	209.9	141.5976893	29.86
220.2	157.4417417	29.92	2.066	218.1	153.51742	29.92
210.6	142.43085	29.98	2.051	207.2	138.6639767	29.97
213.9	146.7956779	30	2.051	212.4	144.7193684	29.99
223.6	164.7258126	30.01	1.734	215.7	149.5047542	30
210.8	142.6746234	30	2.052	207.2	138.6639767	29.99
216.9	151.4512959	30.04	1.358	209.3	140.9079226	30.05
236.9	181.8267455	30.18	1.208	223.3	164.0325631	30.21
236.6	182.5680669	30.31	0.996	223	163.3495837	30.35
243.4	168.1922038	30.37	1.452	235.7	184.8594495	30.37
247.1	162.1914802	30.3	1.555	238.6	177.8276612	30.27
245	165.4588142	30.22	1.089	235.6	185.120437	30.2

2.055	237.3	180.8553063	175.0914299	Yes
1.602	252.9	154.8386144	153.7654295	Yes
2.287	237.7	179.9029136	175.626812	Yes
1.752	235.1	186.4450707	178.0133843	Yes
2.095	259.3	149.1519294	150.0009015	Yes
2.173	245.8	164.1726616	160.353583	Yes
2.621	245.6	164.489319	161.2293068	Yes
2.609	237	181.5820782	174.9136702	Yes
2.349	239.2	176.4945334	171.5218321	Yes
2.249	232.6	191.31691	180.1333664	Yes
2.453	230.9	185.293471	173.1088191	Yes
1.918	225	168.1018522	164.1162571	Yes
2.01	243.4	168.1922038	166.2150033	Yes
1.751	254.8	152.9052402	151.2737547	Yes
2.143	222.8	162.8998881	160.4252749	Yes
2.405	217.3	152.1263931	154.9530314	Yes
2.413	214.8	148.1195561	152.2582769	Yes
2.336	219.4	155.8985853	157.0892996	Yes
1.974	211.4	143.4215034	146.7133417	Yes
2.464	209.4	141.0213439	143.7792526	Yes
2.141	222.8	162.8998881	163.4639096	Yes
1.872	215.9	149.8211447	152.8986646	Yes
1.881	219.9	156.8559046	158.8492304	Yes
2.174	210.6	142.43085	149.5145025	Yes
2.959	227.2	173.9118416	167.5669194	Yes
2.387	225.6	169.6228634	163.4474166	Yes
2.227	223.7	164.9592071	161.927251	Yes
2.062	226.9	173.0808789	167.4879047	Yes
2.242	226.3	171.4565408	166.3053988	Yes
1.633	222.6	162.4546358	161.0815036	Yes
1.912	228.4	177.3663815	166.2923762	Yes
1.835	227.3	174.1916691	167.9219628	Yes
2.234	222.9	163.1241775	163.4633592	Yes
2.305	217	151.6188155	155.696824	Yes
2.367	213.9	146.7956779	155.3191162	Yes
2.366	214.9	148.2703958	150.6845624	Yes
2.261	224.5	166.8688935	162.2717392	Yes
2.37	226.7	172.5339195	167.6124257	Yes
1.944	207.1	138.5635199	147.6899255	Yes
2.215	215.1	148.5743588	155.8319751	Yes
2.398	222.4	162.0137796	161.0057608	Yes
2.336	212.3	144.586539	152.8272452	Yes
2.294	217.9	153.1644801	153.7270167	Yes
1.93	222.4	162.0137796	161.3470154	Yes
2.317	211.1	143.0451277	151.6583727	Yes
1.423	215	148.4219956	153.4392331	Yes
1.383	231.1	185.9739218	174.2297601	Yes
1.117	233.4	191.2051427	176.3048554	Yes
1.659	243.8	167.4881453	168.5951783	Yes
1.655	249.3	159.1288318	161.8866382	Yes
1.253	242.4	170.0150814	167.2152382	Yes

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2.057

9/10/2019	18:15	30.58	1.088
9/10/2019	18:16	30.61	0.984
9/10/2019	18:17	30.52	0.999
9/10/2019	18:18	30.45	0.817
9/10/2019	18:19	30.52	0.634
9/10/2019	18:20	30.63	0.796
9/10/2019	18:21	30.61	1.173
9/10/2019	18:22	30.55	1.08
9/10/2019	18:23	30.5	1.142
9/10/2019	18:24	30.45	1.027
9/10/2019	18:25	30.46	0.825
9/10/2019	18:26	30.49	0.756
9/10/2019	18:27	30.51	0.903
9/10/2019	18:28	30.49	1.272
9/10/2019	18:29	30.44	0.922
9/10/2019	18:30	30.44	0.67
9/10/2019	18:31	30.47	0.536
9/10/2019	18:32	30.53	0.529
9/10/2019	18:33	30.53	0.473
9/10/2019	18:34	30.54	0.591
9/10/2019	18:35	30.51	0.603
9/10/2019	18:36	30.46	0.742
9/10/2019	18:37	30.41	0.882
9/10/2019	18:38	30.33	0.932
9/10/2019	18:39	30.21	1.083
9/10/2019	18:40	30.1	0.885
9/10/2019	18:41	30	1.111
9/10/2019	18:42	29.92	1.015
9/10/2019	18:43	29.83	1.108
9/10/2019	18:44	29.74	0.788
9/10/2019	18:45	29.62	0.793
9/10/2019	18:46	29.53	1.033
9/10/2019	18:47	29.46	1.098
9/10/2019	18:48	29.42	0.989
9/10/2019	18:49	29.38	1
9/10/2019	18:50	29.33	0.968
9/10/2019	18:51	29.27	0.925
9/10/2019	18:52	29.2	0.726
9/10/2019	18:53	29.11	0.547
9/10/2019	18:54	29.02	0.725
9/10/2019	18:55	28.91	0.687
9/10/2019	18:56	28.81	0.746
9/10/2019	18:57	28.72	1.157
9/10/2019	18:58	28.66	0.838
9/10/2019	18:59	28.57	0.531
9/10/2019	19:00	28.47	0.923
9/10/2019	19:01	28.4	0.771
9/10/2019	19:02	28.33	0.807
9/10/2019	19:03	28.33	1.007
9/10/2019	19:04	28.29	0.918
9/10/2019	19:05	28.2	0.701

245.5	164.6488595	30.52	1.205
258.1	150.0444711	30.54	1.106
268.2	144.7678047	30.45	1.096
272.7	143.9447385	30.4	0.898
268.9	144.580468	30.47	0.721
273.6	143.8875148	30.58	0.896
287.2	147.415851	30.59	1.297
263.3	146.709616	30.52	1.163
277.8	144.0902707	30.48	1.249
274.5	143.8658191	30.44	1.102
263.4	146.658692	30.43	0.927
265.4	145.7403654	30.45	0.869
256.1	151.7051686	30.46	1.006
260.2	148.5320061	30.43	1.342
241.8	171.1531239	30.37	1.056
240.5	173.7380647	30.35	0.727
244.1	166.9692794	30.36	0.698
240	174.7773583	30.41	0.626
226.9	173.0808789	30.43	0.705
229.3	180.1014276	30.41	0.699
227	173.356455	30.4	0.749
216.8	151.2846063	30.37	0.959
211.2	143.1699306	30.33	0.988
211.9	144.0620273	30.27	1.189
210.9	142.7974765	30.16	1.29
202.6	134.6039881	30.06	1.079
211.3	143.2953883	29.97	1.332
206.5	137.9726212	29.89	1.119
212	144.1921397	29.82	1.223
212	144.1921397	29.76	1.032
212.5	144.8528837	29.69	1.146
210.1	141.8325805	29.6	1.199
217.3	152.1263931	29.5	1.28
222.3	161.7949854	29.44	1.252
220.7	158.4376272	29.37	1.083
221.3	159.6656133	29.32	1.086
215.2	148.7274886	29.24	1.023
218.5	154.2338617	29.17	0.883
222.9	163.1241775	29.09	0.922
218	153.3405134	29	0.899
213.7	146.5095784	28.9	0.869
216.3	150.4634796	28.8	0.983
222.7	162.6767095	28.72	1.354
206.2	137.6847037	28.67	0.976
211.2	143.1699306	28.58	0.699
213.2	145.8069274	28.49	0.979
213.9	146.7956779	28.42	0.985
210.8	142.6746234	28.35	1.172
219.7	156.470139	28.36	1.239
214.8	148.1195561	28.34	1.033
200.1	132.8476073	28.24	0.89

228.7	178.2639076	30.31	1.389
235	186.7139875	30.33	1.117
249.3	159.1288318	30.26	1.238
249.7	158.6092822	30.22	1.095
247.6	161.4641376	30.27	0.777
250.4	157.7265948	30.36	0.963
261.4	147.7698413	30.36	1.665
244.3	166.6276829	30.3	1.358
248.6	160.0651457	30.26	1.407
251.8	156.0596058	30.24	1.303
235.9	184.3413566	30.24	0.921
240.3	174.1507045	30.26	0.96
230.2	182.967997	30.26	1.105
234.2	188.9144624	30.23	1.454
218	153.3405134	30.18	0.968
223.8	165.1937679	30.15	0.89
223.3	164.0325631	30.16	0.741
216.4	150.6260744	30.21	0.532
206.5	137.9726212	30.2	0.799
208.4	139.914364	30.18	0.683
201.1	133.514148	30.16	0.703
193.1	129.4377621	30.11	0.893
184.7	128.016195	30.07	1.003
187.6	128.1916822	30.01	1.27
183.7	128.031795	29.92	1.48
179.7	128.4855767	29.82	1.251
183	128.065931	29.75	1.458
187.4	128.1690162	29.69	1.16
192.6	129.2740865	29.64	1.431
185.3	128.0255546	29.59	1.099
188	128.2417275	29.54	1.267
187.7	128.2036041	29.5	1.427
193	129.4042052	29.44	1.514
203	134.9133063	29.39	1.42
198	131.5986579	29.33	1.394
199	132.1683105	29.26	1.289
197.2	131.1751217	29.17	1.152
198.9	132.1093104	29.1	1.089
202.4	134.4523139	29.02	1.076
195.3	130.2812262	28.94	1.093
190	128.5866722	28.86	0.978
193.9	129.7210908	28.78	1.202
203.3	135.1505606	28.73	1.532
186	128.0542255	28.7	1.102
191	128.8188092	28.59	0.848
190.7	128.7449612	28.49	1.189
190.6	128.7211479	28.43	1.267
183.2	128.0542255	28.35	1.535
199.8	132.6567999	28.4	1.581
188.5	128.3131374	28.37	1.285
181.5	128.2036041	28.27	1.072

225.8	170.1401693	30.23	1.502	221.2	159.4584123	30.22
240.4	173.943875	30.25	1.39	231.2	186.3168781	30.26
250	158.226888	30.19	1.388	241.8	171.1531239	30.18
249.2	159.2604663	30.14	1.23	239.9	174.9883145	30.14
252	155.8318976	30.18	0.886	243.2	168.5495467	30.2
254.6	153.0985737	30.25	1.09	246.6	162.9378699	30.29
262.6	147.0796431	30.25	1.67	253.4	154.3086209	30.28
245.3	164.9703808	30.2	1.511	236.1	183.8283932	30.21
249.6	158.7381263	30.18	1.539	239	176.9345288	30.19
252.5	155.273777	30.16	1.435	240.7	173.3294827	30.19
242	170.7700049	30.17	1.102	231.9	188.7697038	30.2
241.4	171.9308504	30.18	1.016	232.6	191.31691	30.22
231.2	186.3168781	30.19	1.249	223.6	164.7258126	30.23
235	186.7139875	30.17	1.737	228.3	177.070287	30.21
219.8	156.6625457	30.14	1.287	212.4	144.7193684	30.17
224.7	167.3583715	30.11	0.962	214.4	147.5237341	30.15
225.7	169.8808638	30.12	0.89	213.9	146.7956779	30.17
220.5	158.0363201	30.16	0.775	207.1	138.5635199	30.23
205.8	137.3085186	30.16	0.902	198	131.5986579	30.24
208	139.4882645	30.15	0.852	201.6	133.8652759	30.22
201.7	133.9369487	30.12	0.92	193.8	129.6842235	30.2
193.3	129.506112	30.09	1.201	188.1	128.2552218	30.17
182.6	128.0940314	30.05	1.313	179.9	128.4479207	30.14
183.1	128.0598829	30	1.484	178.1	128.8442293	30.08
182	128.1479193	29.91	1.552	175.6	129.6117355	29.98
176.4	129.3383252	29.82	1.389	172.7	130.8276183	29.89
179.3	128.565657	29.75	1.637	174.2	130.1542428	29.82
185.4	128.0284797	29.69	1.42	178.7	128.6977354	29.77
189.3	128.4479207	29.65	1.572	183.5	128.0395961	29.74
181.6	128.1916822	29.62	1.293	174.6	129.9908531	29.7
182.7	128.0864199	29.58	1.442	178.8	128.6747234	29.65
185.5	128.031795	29.54	1.545	181.4	128.2159189	29.61
192	129.0911795	29.49	1.665	186.5	128.0864199	29.56
198.6	131.9350344	29.44	1.6	192.4	129.2114853	29.5
193.7	129.6477719	29.38	1.375	188.4	128.2980674	29.44
198.6	131.9350344	29.33	1.417	192.7	129.3060009	29.38
193.4	129.5409061	29.25	1.348	190.9	128.7937914	29.3
199.1	132.2277664	29.18	1.061	190.7	128.7449612	29.23
196.7	130.9247236	29.11	1.139	191.3	128.8962779	29.15
193.8	129.6842235	29.04	1.166	188.4	128.2980674	29.09
187.9	128.2286266	28.97	1.084	182.6	128.0940314	29.02
189.7	128.5248214	28.9	1.271	185.9	128.0489586	28.97
199.9	132.7199372	28.85	1.643	194.5	129.9510588	28.93
185.6	128.0355004	28.82	1.288	180.7	128.3131374	28.9
188	128.2417275	28.73	0.97	182.4	128.1104281	28.83
190.9	128.7937914	28.64	1.363	182.3	128.1192135	28.74
186.4	128.0791994	28.58	1.289	180.1	128.4118509	28.67
178.2	128.8188092	28.51	1.572	173.3	130.5466922	28.61
195.7	130.4564935	28.58	1.639	189.4	128.4665503	28.69
185.5	128.031795	28.54	1.348	180.9	128.2833916	28.63
176.4	129.3383252	28.43	1.241	173.3	130.5466922	28.51

1.781	225.8	170.1401693	168.5303036	Yes
1.532	238.8	177.3788901	174.8796204	Yes
1.542	250.2	157.9753829	158.2504062	Yes
1.504	248.4	160.3391006	159.4283804	Yes
1.064	255.1	152.6196347	156.6091369	Yes
1.293	256.5	151.3553066	153.801172	Yes
2.024	259.1	149.2954063	149.1738725	Yes
1.823	243.7	167.6628412	165.9597828	Yes
1.706	248.6	160.0651457	159.9786435	Yes
1.639	246.1	163.7036852	158.446474	Yes
1.256	241.3	172.1277015	172.5334918	Yes
1.169	241.7	171.3461128	170.8969886	Yes
1.434	228.7	178.2639076	172.7959528	Yes
1.899	231.3	186.6616714	177.5784829	Yes
1.39	218.3	153.8738695	155.9498842	Yes
1.211	221	159.0470698	162.5722016	Yes
1.096	221.1	159.2522329	161.3861234	Yes
0.828	213.3	145.9460296	153.5898605	Yes
1.09	205.3	136.8505178	143.3622389	Yes
0.899	211.9	144.0620273	147.4862719	Yes
1.045	200.3	132.977145	140.693784	Yes
1.283	193.9	129.7210908	133.6409586	Yes
1.355	184.4	128.0167799	131.1489715	Yes
1.634	183.4	128.0440822	131.4403808	Yes
1.786	182.8	128.0791994	131.3336251	Yes
1.654	179.6	128.5050003	130.3521017	Yes
1.77	181.3	128.2286266	131.6619691	Yes
1.547	185.1	128.0208746	130.1777454	Yes
1.754	192.3	129.1807975	131.8269081	Yes
1.404	182	128.1479193	131.7096298	Yes
1.608	185	128.0191197	131.5749748	Yes
1.829	186.2	128.065931	130.8699659	Yes
1.803	191.1	128.8442293	133.5104854	Yes
1.79	199	132.1683105	138.0046244	Yes
1.648	193.4	129.5409061	135.5046061	Yes
1.626	197.1	131.1241663	136.8398251	Yes
1.455	197.3	131.2265166	133.8927649	Yes
1.312	199.4	132.4088779	135.9449555	Yes
1.362	196.8	130.9739291	137.6742844	Yes
1.402	194.3	129.8727295	134.295352	Yes
1.264	190.1	128.6080861	132.0053989	Yes
1.518	192.4	129.2114853	133.1939671	Yes
1.971	198.8	132.0507649	138.5098062	Yes
1.415	188.2	128.2691098	130.0713354	Yes
1.187	187	128.1283904	131.2938572	Yes
1.539	189	128.3944101	131.9718607	Yes
1.551	184.8	128.0167799	132.0049312	Yes
1.876	180.8	128.2980674	131.6784835	Yes
1.945	195.1	130.1961465	135.6492258	Yes
1.473	185	128.0191197	132.1534	Yes
1.457	178.6	128.7211479	129.9314753	Yes

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9/10/2019	19:17	27.41	0.991
9/10/2019	19:18	27.37	0.891
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9/10/2019	19:21	27.13	0.661
9/10/2019	19:22	27.03	0.543
9/10/2019	19:23	26.91	0.516
9/10/2019	19:24	26.81	0.607
9/10/2019	19:25	26.72	0.625
9/10/2019	19:26	26.62	0.637
9/10/2019	19:27	26.53	0.536
9/10/2019	19:28	26.43	0.657
9/10/2019	19:29	26.33	0.634
9/10/2019	19:30	26.26	0.545
9/10/2019	19:31	26.18	0.562
9/10/2019	19:32	26.11	0.603
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9/10/2019	19:36	25.91	0.592
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9/10/2019	19:45	25.68	0.521
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9/10/2019	19:47	25.6	0.457
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9/10/2019	19:50	25.39	0.373
9/10/2019	19:51	25.3	0.35
9/10/2019	19:52	25.21	0.38
9/10/2019	19:53	25.13	0.422
9/10/2019	19:54	25.04	0.318
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9/10/2019	19:56	24.82	0.339

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204.3	135.9745142	27.99	0.705
205.8	137.3085186	27.86	0.504
204.3	135.9745142	27.71	0.523
198.3	131.7648252	27.6	0.853
199.3	132.3480491	27.58	1.094
205.2	136.7605319	27.55	0.963
202.9	134.8352272	27.49	0.876
203.4	135.2306555	27.46	1.105
209.7	141.3652945	27.45	1.136
211.3	143.2953883	27.47	1.145
216	149.9805289	27.46	1.15
216.2	150.3016928	27.42	1.032
210.1	141.8325805	27.36	0.914
213.5	146.2263702	27.27	0.758
207.2	138.6639767	27.17	0.785
203.5	135.3112579	27.07	0.655
209.7	141.3652945	26.95	0.617
211	142.9209771	26.85	0.666
202.4	134.4523139	26.77	0.755
202.6	134.6039881	26.67	0.71
197.8	131.490113	26.58	0.672
194.4	129.9116845	26.47	0.706
201.2	133.5834127	26.38	0.664
199.1	132.2277664	26.32	0.633
195.1	130.1961465	26.24	0.642
199	132.1683105	26.18	0.634
203.9	135.6387698	26.12	0.692
211.5	143.5482783	26.09	0.663
207.7	139.1748294	26.03	0.582
206.3	137.780123	25.98	0.635
208.9	140.4603245	25.95	0.702
208.8	140.3499361	25.91	0.662
209.8	141.481181	25.85	0.624
215.2	148.7274886	25.81	0.601
214.1	147.0846926	25.78	0.691
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208.2	139.7001382	25.76	0.749
209.2	140.7951122	25.78	0.699
218.3	153.8738695	25.77	0.652
208.3	139.8069561	25.74	0.626
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214.4	147.5237341	25.48	0.411
190.6	128.7211479	25.4	0.399
160.9	139.8069561	25.31	0.385
160.8	139.914364	25.25	0.443
176.3	129.3710598	25.18	0.36
210.8	142.6746234	25.08	0.387
196.8	130.9739291	24.98	0.382

183.3	128.0489586	28.11	1.02
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185.8	128.0440822	27.86	0.81
180.5	128.3444613	27.72	0.832
177.8	128.9229071	27.64	1.237
177	129.1505175	27.65	1.427
182	128.1479193	27.64	1.345
179.8	128.4665503	27.57	1.221
182.6	128.0940314	27.56	1.382
185.6	128.0355004	27.54	1.533
187.9	128.2286266	27.57	1.484
188.7	128.3444613	27.56	1.53
190.3	128.6521114	27.52	1.478
184.9	128.0177548	27.45	1.212
186	128.0542255	27.36	1.084
184.4	128.0167799	27.25	1.185
181.3	128.2286266	27.15	0.98
183.5	128.0395961	27.04	0.942
184.6	128.016	26.95	1.121
179.1	128.6080861	26.86	1.039
178.5	128.7449612	26.76	1.11
175.3	129.7210908	26.66	1.061
169.9	132.3480491	26.56	0.991
171.9	131.2265166	26.48	1.117
171.5	131.436508	26.43	1.017
168.1	133.514148	26.36	0.957
172.3	131.0235708	26.31	1.05
175.8	129.5409061	26.26	0.974
181.9	128.1582717	26.24	1.056
181.8	128.1690162	26.18	0.847
179.7	128.4855767	26.14	0.954
179.1	128.6080861	26.11	0.936
179.8	128.4665503	26.06	0.879
181.4	128.2159189	26	0.933
185.3	128.0255546	25.97	0.996
185.6	128.0355004	25.95	0.863
183.6	128.0355004	25.94	0.939
180.4	128.3607156	25.93	0.897
181.4	128.2159189	25.96	1.004
183.8	128.0284797	25.93	0.933
183.2	128.0542255	25.9	0.887
183.3	128.0489586	25.85	0.815
185	128.0191197	25.79	0.771
178.4	128.7691755	25.72	0.578
182.7	128.0864199	25.64	0.584
174.9	129.8727295	25.57	0.506
146.7	162.2336611	25.48	0.451
147.6	160.2933984	25.44	0.591
154.8	147.5237341	25.41	0.479
188.7	128.3444613	25.33	0.426
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178.3	128.7937914	28.28	1.145	174.6	129.9908531	28.36
178.1	128.8442293	28.17	0.963	171.4	131.490113	28.29
181.3	128.2286266	28.02	0.816	176.6	129.2740865	28.15
179.5	128.5248214	27.9	0.888	174.9	129.8727295	28.05
173.9	130.2812262	27.82	1.19	168.4	133.3092177	28
171.1	131.6535994	27.84	1.463	169.3	132.7199372	28
175.5	129.6477719	27.83	1.312	172.7	130.8276183	27.99
174.7	129.9510588	27.75	1.206	171.8	131.2783518	27.89
178.4	128.7691755	27.73	1.587	174.4	130.0717042	27.88
178.9	128.6521114	27.71	1.614	175.8	129.5409061	27.86
182.4	128.1104281	27.73	1.528	177.3	129.0621204	27.86
183.2	128.0542255	27.7	1.58	179.2	128.5866722	27.81
185.7	128.0395961	27.65	1.452	180.3	128.3773651	27.75
183.1	128.0598829	27.59	1.321	179.5	128.5248214	27.7
182.2	128.1283904	27.5	1.068	178.3	128.7937914	27.62
180.1	128.4118509	27.41	1.109	177.3	129.0621204	27.54
179.6	128.5050003	27.32	0.95	176.9	129.1807975	27.46
178.6	128.7211479	27.22	0.92	177	129.1505175	27.37
179.9	128.4479207	27.15	0.983	177.1	129.120645	27.33
176.5	129.3060009	27.05	1.074	171.5	131.436508	27.23
177.2	129.0911795	26.94	1.018	171.2	131.5986579	27.12
171.9	131.2265166	26.85	0.994	167.6	133.8652759	27.03
170.2	132.1683105	26.76	1.068	164.5	136.3185854	26.98
170.7	131.8778474	26.68	1.032	166.2	134.9133063	26.92
169.5	132.5941263	26.64	0.988	163.6	137.1236975	26.89
167.8	133.7233811	26.57	1.002	162.1	138.5635199	26.84
170.8	131.8211113	26.53	0.959	164.2	136.5821614	26.81
176	129.4717308	26.47	1.087	170.8	131.8211113	26.73
176.9	129.1807975	26.45	0.977	173	130.6852129	26.7
178.4	128.7691755	26.41	0.912	173.2	130.5924354	26.66
176.1	129.4377621	26.37	0.953	172.1	131.1241663	26.64
174.9	129.8727295	26.35	1.03	171.9	131.2265166	26.61
178.3	128.7937914	26.29	0.903	173.9	130.2812262	26.57
179.3	128.565657	26.23	0.941	173.8	130.3244035	26.51
179.3	128.565657	26.21	0.909	176.1	129.4377621	26.5
182.2	128.1283904	26.19	0.989	177	129.1505175	26.46
179.7	128.4855767	26.18	1.011	176.3	129.3710598	26.45
177.2	129.0911795	26.16	1.088	173.7	130.3680067	26.43
178	128.870052	26.19	0.966	176.3	129.3710598	26.44
180.4	128.3607156	26.15	0.933	175.4	129.6842235	26.38
180.8	128.2980674	26.13	0.873	176.1	129.4377621	26.35
179.7	128.4855767	26.09	0.874	175.9	129.506112	26.33
179.8	128.4665503	26.04	0.781	175.1	129.7960751	26.28
175.5	129.6477719	25.97	0.658	171.3	131.5441627	26.22
179.9	128.4479207	25.91	0.644	176.3	129.3710598	26.19
172.3	131.0235708	25.86	0.61	170.8	131.8211113	26.16
149.8	155.8985853	25.79	0.562	145.9	164.0325631	26.13
147.7	160.0831011	25.76	0.667	144	168.6037636	26.1
152.3	151.4512959	25.77	0.598	148	159.4584123	26.13
178.8	128.6747234	25.72	0.56	169	132.9121422	26.09
170.4	132.0507649	25.64	0.585	164.3	136.4937737	26

1.302	181.2	128.2417275	131.5992616	Yes
1.282	179.6	128.5050003	130.6059552	Yes
0.974	182.6	128.0940314	130.1898691	Yes
1.086	177.9	128.8962779	130.3225609	Yes
1.489	171.4	131.490113	131.1536579	Yes
1.749	174.7	129.9510588	131.1646324	Yes
1.743	178.3	128.7937914	130.8355266	Yes
1.508	173	130.6852129	131.0432802	Yes
1.838	178.4	128.7691755	130.1869484	Yes
1.976	180.4	128.3607156	131.1909056	Yes
1.874	182.3	128.1192135	131.3631554	Yes
1.891	185	128.0191197	132.5970015	Yes
1.771	185.6	128.0355004	132.6812532	Yes
1.558	182.6	128.0940314	130.9058142	Yes
1.277	183.6	128.0355004	131.8476556	Yes
1.418	182.1	128.1379589	130.4585374	Yes
1.243	181.6	128.1916822	129.8834729	Yes
1.182	181.4	128.2159189	131.098495	Yes
1.372	181.3	128.2286266	131.3468339	Yes
1.22	179.5	128.5248214	130.4655461	Yes
1.389	178.5	128.7449612	130.5567496	Yes
1.367	174.5	130.0310681	131.2668129	Yes
1.29	170.4	132.0507649	132.5594789	Yes
1.451	171.4	131.490113	132.6182392	Yes
1.334	170.8	131.8211113	133.0406419	Yes
1.334	168.9	132.977145	133.7948681	Yes
1.408	170.9	131.7648252	132.6719959	Yes
1.266	176	129.4717308	131.1888498	Yes
1.293	178.3	128.7937914	132.0732704	Yes
1.218	178.9	128.6521114	131.0715136	Yes
1.285	177.8	128.9229071	131.1501071	Yes
1.238	178	128.870052	131.8075417	Yes
1.184	179.3	128.565657	131.2914322	Yes
1.226	178.9	128.6521114	131.4478543	Yes
1.24	181.7	128.180153	132.587323	Yes
1.176	181.8	128.1690162	132.1136234	Yes
1.281	181	128.2691098	130.6879947	Yes
1.239	179.9	128.4479207	131.1935921	Yes
1.299	180.6	128.328602	131.116149	Yes
1.192	181.7	128.180153	133.6254883	Yes
1.168	181	128.2691098	130.7732242	Yes
1.151	180.4	128.3607156	132.2972111	Yes
1.007	180.9	128.2833916	133.0057233	Yes
0.891	178.9	128.6521114	131.5369463	Yes
0.886	180.3	128.3773651	132.3612999	Yes
0.813	179.4	128.5450401	129.9967199	Yes
0.665	168.3	133.3770516	151.0697634	Yes
0.821	158.5	142.5524154	154.2894085	Yes
0.761	162.5	138.1673439	145.1943692	Yes
0.707	172.1	131.1241663	132.7460233	Yes
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9/10/2019	20:45	23.88	0.532
9/10/2019	20:46	23.84	0.547
9/10/2019	20:47	23.8	0.514

195.3	130.2812262	24.93	0.395
186.4	128.0791994	24.88	0.442
183.4	128.0440822	24.84	0.486
171.8	131.2783518	24.77	0.435
181.4	128.2159189	24.71	0.468
182.3	128.1192135	24.68	0.57
200.2	132.9121422	24.64	0.459
198.7	131.9926732	24.57	0.516
204.8	136.4059155	24.51	0.529
202.6	134.6039881	24.48	0.582
211.9	144.0620273	24.47	0.579
212.3	144.586539	24.46	0.58
219.8	156.6625457	24.46	0.582
216.5	150.7894808	24.44	0.593
215.2	148.7274886	24.36	0.618
211.3	143.2953883	24.28	0.541
209.8	141.481181	24.22	0.581
209.4	141.0213439	24.15	0.595
203.2	135.0709716	24.09	0.635
203.7	135.4739906	24.03	0.601
207.4	138.8665983	23.98	0.597
213.6	146.3676144	23.91	0.604
217.6	152.6415793	23.84	0.544
223.4	164.2624968	23.76	0.521
215.2	148.7274886	23.7	0.546
211.3	143.2953883	23.7	0.622
213.8	146.6522652	23.7	0.547
210.6	142.43085	23.69	0.512
214.2	147.2303008	23.7	0.624
212.4	144.7193684	23.73	0.649
210.1	141.8325805	23.75	0.618
208.7	140.2401479	23.76	0.617
203.7	135.4739906	23.79	0.648
202.6	134.6039881	23.81	0.713
203.7	135.4739906	23.84	0.698
203.3	135.1505606	23.88	0.704
205.8	137.3085186	23.95	0.762
203.7	135.4739906	23.98	0.737
199.1	132.2277664	24	0.774
200.3	132.977145	24.08	0.749
201.7	133.9369487	24.13	0.79
201.4	133.7233811	24.14	0.729
205.5	137.032099	24.14	0.703
196.9	131.0235708	24.14	0.651
198.6	131.9350344	24.12	0.6
201.8	134.0091067	24.08	0.629
205.9	137.4017445	24.06	0.611
208.3	139.8069561	24.03	0.623
208.9	140.4603245	24.02	0.635
200.7	133.2418584	23.99	0.613
204.2	135.8898012	23.94	0.608

174.5	130.0310681	25.23	0.51
166	135.0709716	25.2	0.524
161.2	139.4882645	25.16	0.586
148.5	158.4376272	25.09	0.508
155.9	145.9460296	25.05	0.553
161.3	139.3832047	25.04	0.67
181.4	128.2159189	24.98	0.518
177	129.1505175	24.9	0.56
181.2	128.2417275	24.85	0.63
184.3	128.0177548	24.81	0.663
185.9	128.0489586	24.8	0.686
189.7	128.5248214	24.78	0.686
200.2	132.9121422	24.77	0.693
200.8	133.3092177	24.73	0.628
202.1	134.2285045	24.64	0.67
197.4	131.2783518	24.55	0.594
196	130.5924354	24.48	0.639
189.2	128.4296876	24.43	0.688
182	128.1479193	24.39	0.743
184.5	128.016195	24.33	0.773
192.1	129.120645	24.27	0.748
196.7	130.9247236	24.21	0.75
200.5	133.1085592	24.12	0.692
207.1	138.5635199	24.04	0.714
197.6	131.3833467	23.99	0.707
196	130.5924354	23.99	0.732
200.5	133.1085592	23.99	0.673
198	131.5986579	23.99	0.679
198.4	131.8211113	24.01	0.766
193.2	129.4717308	24.04	0.733
195.4	130.3244035	24.05	0.718
193.3	129.506112	24.07	0.743
188.1	128.2552218	24.08	0.795
187.2	128.1479193	24.11	0.8
183.3	128.0489586	24.14	0.79
182	128.1479193	24.16	0.878
179.9	128.4479207	24.23	0.954
180.5	128.3444613	24.25	0.821
179.2	128.5866722	24.26	0.926
180.2	128.3944101	24.34	1.007
180.5	128.3444613	24.38	0.837
179.2	128.5866722	24.38	0.77
180.8	128.2980674	24.38	0.8
182.6	128.0940314	24.37	0.736
179.3	128.565657	24.34	0.724
183.3	128.0489586	24.3	0.695
183.7	128.031795	24.28	0.715
187.8	128.2159189	24.24	0.701
189.8	128.5450401	24.25	0.774
182.1	128.1379589	24.22	0.721
184.2	128.0191197	24.18	0.701

170.2	132.1683105	25.62	0.609	165.3	135.6387698	25.96
162.2	138.4636301	25.59	0.663	156.2	145.5308449	25.92
158.6	142.43085	25.54	0.761	152.5	151.1187431	25.88
149.5	156.470139	25.5	0.7	144.1	168.3521774	25.88
151.9	152.1263931	25.48	0.699	145.6	164.7258126	25.86
157	144.4543929	25.46	0.887	150.8	154.0534207	25.85
172.7	130.8276183	25.39	0.676	161.1	139.5939084	25.82
171.8	131.2783518	25.31	0.783	164.3	136.4937737	25.78
175.9	129.506112	25.28	0.801	169.2	132.7835393	25.79
176.7	129.2425815	25.23	0.858	172	131.1751217	25.71
182.6	128.0940314	25.21	0.867	175.6	129.6117355	25.67
187.2	128.1479193	25.18	0.789	181.2	128.2417275	25.63
194.7	130.0310681	25.14	0.847	191.9	129.0621204	25.57
197.7	131.436508	25.1	0.843	194.3	129.8727295	25.52
196.9	131.0235708	25.01	0.886	194.8	130.0717042	25.43
192.9	129.3710598	24.93	0.81	191.9	129.0621204	25.36
190.6	128.7211479	24.85	0.851	188.7	128.3444613	25.3
185.5	128.031795	24.82	0.896	181.4	128.2159189	25.29
178.7	128.6977354	24.79	0.935	174.1	130.1961465	25.26
179.3	128.565657	24.75	0.946	173.8	130.3244035	25.23
185.4	128.0284797	24.68	0.925	178.3	128.7937914	25.16
191	128.8188092	24.62	0.929	182.9	128.0723698	25.1
199	132.1683105	24.52	0.863	188.9	128.3773651	25.02
204.6	136.2317817	24.45	0.878	194.9	130.1127622	24.97
193.6	129.6117355	24.42	0.922	187.3	128.1582717	24.95
190.8	128.7691755	24.42	0.915	184.7	128.016195	24.93
195	130.1542428	24.4	0.849	188.2	128.2691098	24.91
192.4	129.2114853	24.4	0.828	186.6	128.0940314	24.89
190.7	128.7449612	24.41	0.911	185	128.0191197	24.88
189	128.3944101	24.44	0.916	185	128.0191197	24.88
189	128.3944101	24.44	0.904	183.7	128.031795	24.87
186	128.0542255	24.44	0.918	183.8	128.0284797	24.86
185.2	128.0230196	24.45	0.945	180.9	128.2833916	24.86
182.6	128.0940314	24.47	0.96	178.2	128.8188092	24.85
180	128.4296876	24.48	1.004	175.1	129.7960751	24.84
179.5	128.5248214	24.48	0.979	174.2	130.1542428	24.83
176.5	129.3060009	24.53	1.088	172	131.1751217	24.87
175.7	129.5761138	24.55	1.022	170.3	132.1093104	24.87
177.1	129.120645	24.56	1.086	171.6	131.3833467	24.88
176.1	129.4377621	24.62	1.068	170.4	132.0507649	24.92
174.4	130.0717042	24.64	1.023	168.3	133.3770516	24.91
175.1	129.7960751	24.64	0.985	168.9	132.977145	24.89
175	129.8341932	24.64	0.99	169.6	132.5319155	24.91
176.9	129.1807975	24.64	0.933	172.9	130.7322487	24.92
178.8	128.6747234	24.61	0.872	173.8	130.3244035	24.92
178.7	128.6977354	24.58	0.888	172.5	130.9247236	24.89
179.9	128.4479207	24.56	0.879	174.8	129.9116845	24.87
183.1	128.0598829	24.54	0.873	178	128.870052	24.86
182.2	128.1283904	24.56	0.904	177.9	128.8962779	24.88
178.9	128.6521114	24.53	0.904	173.7	130.3680067	24.87
178.4	128.7691755	24.5	0.912	173.8	130.3244035	24.84

0.742	171.9	131.2265166	131.8691782	Yes
0.784	166	135.0709716	136.4431235	Yes
0.92	164.9	135.9745142	139.4112908	Yes
0.837	158.6	142.43085	151.3938291	Yes
0.879	158	143.1699306	146.8368169	Yes
1.007	161.4	139.278727	141.0577917	Yes
0.929	166.1	134.9918873	133.308295	Yes
1.048	173.3	130.5466922	131.8924017	Yes
1.086	174.7	129.9510588	131.3776706	Yes
1.122	176.5	129.3060009	130.4690894	Yes
1.076	180.8	128.2980674	131.622964	Yes
1.08	183.5	128.0395961	131.5081207	Yes
1.041	191.6	128.9773778	135.5290508	Yes
1.109	193.7	129.6477719	135.0111416	Yes
1.131	195.8	130.5013785	134.9105293	Yes
1.043	195.1	130.1961465	132.6406134	Yes
1.116	191.5	128.9499403	131.6178332	Yes
1.151	184.9	128.0177548	130.7433	Yes
1.182	180.9	128.2833916	130.0792329	Yes
1.246	180.3	128.3773651	130.1515222	Yes
1.217	182.3	128.1192135	130.5857456	Yes
1.22	185	128.0191197	132.4405273	Yes
1.215	189.7	128.5248214	134.9641271	Yes
1.198	194.7	130.0310681	139.8403258	Yes
1.218	188.8	128.3607156	133.2483116	Yes
1.201	188.1	128.2552218	131.7856832	Yes
1.135	190.6	128.7211479	133.381065	Yes
1.117	187.9	128.2286266	131.9127302	Yes
1.179	188.1	128.2552218	132.814143	Yes
1.202	187.5	128.180153	131.7569564	Yes
1.199	187.3	128.1582717	131.3482922	Yes
1.181	186.7	128.1020341	130.7861998	Yes
1.24	186	128.0542255	129.6179698	Yes
1.244	182.6	128.0940314	129.5517559	Yes
1.236	181.9	128.1582717	129.9813967	Yes
1.327	179.6	128.5050003	130.0965089	Yes
1.37	177	129.1505175	131.0776159	Yes
1.288	176.5	129.3060009	130.9619754	Yes
1.42	176.7	129.2425815	130.1122023	Yes
1.446	177.6	128.9773778	130.367492	Yes
1.293	176	129.4717308	131.0403793	Yes
1.233	176.3	129.3710598	130.8908666	Yes
1.284	176.5	129.3060009	131.4004552	Yes
1.267	181.6	128.1916822	129.4444661	Yes
1.183	182	128.1479193	129.5295475	Yes
1.139	182.2	128.1283904	129.9617829	Yes
1.149	183.8	128.0284797	130.3643249	Yes
1.14	184.1	128.0208746	130.5947369	Yes
1.22	184.9	128.0177548	130.8095575	Yes
1.184	182.5	128.1020341	129.7003939	Yes
1.169	182.1	128.1379589	130.2280918	Yes

2.233
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4.212
5.053
4.497

9/10/2019	20:48	23.74	0.515
9/10/2019	20:49	23.68	0.441
9/10/2019	20:50	23.63	0.472
9/10/2019	20:51	23.57	0.488
9/10/2019	20:52	23.53	0.588
9/10/2019	20:53	23.52	0.597
9/10/2019	20:54	23.51	0.472
9/10/2019	20:55	23.52	0.404
9/10/2019	20:56	23.5	0.432
9/10/2019	20:57	23.49	0.425
9/10/2019	20:58	23.46	0.326
9/10/2019	20:59	23.42	0.282
9/10/2019	21:00	23.38	0.327
9/10/2019	21:01	23.34	0.313
9/10/2019	21:02	23.29	0.321
9/10/2019	21:03	23.25	0.356
9/10/2019	21:04	23.21	0.416
9/10/2019	21:05	23.19	0.525
9/10/2019	21:06	23.22	0.584
9/10/2019	21:07	23.27	0.638
9/10/2019	21:08	23.33	0.709
9/10/2019	21:09	23.42	0.653
9/10/2019	21:10	23.5	0.61
9/10/2019	21:11	23.57	0.698
9/10/2019	21:12	23.66	0.718
9/10/2019	21:13	23.72	0.707
9/10/2019	21:14	23.75	0.73
9/10/2019	21:15	23.78	0.574
9/10/2019	21:16	23.78	0.511
9/10/2019	21:17	23.79	0.649
9/10/2019	21:18	23.79	0.693
9/10/2019	21:19	23.8	0.701
9/10/2019	21:20	23.82	0.807
9/10/2019	21:21	23.85	0.657
9/10/2019	21:22	23.87	0.696
9/10/2019	21:23	23.9	0.672
9/10/2019	21:24	23.92	0.757
9/10/2019	21:25	23.93	0.708
9/10/2019	21:26	23.94	0.607
9/10/2019	21:27	23.94	0.659
9/10/2019	21:28	23.95	0.68
9/10/2019	21:29	23.94	0.53
9/10/2019	21:30	23.91	0.508
9/10/2019	21:31	23.88	0.515
9/10/2019	21:32	23.83	0.542
9/10/2019	21:33	23.76	0.568
9/10/2019	21:34	23.69	0.593
9/10/2019	21:35	23.63	0.594
9/10/2019	21:36	23.59	0.582
9/10/2019	21:37	23.57	0.594
9/10/2019	21:38	23.55	0.622

203.3	135.1505606	23.89	0.561
202.4	134.4523139	23.83	0.564
207.3	138.7650022	23.77	0.562
201.4	133.7233811	23.71	0.525
198	131.5986579	23.67	0.654
203.4	135.2306555	23.66	0.652
205.3	136.8505178	23.65	0.571
211.9	144.0620273	23.65	0.534
213.8	146.6522652	23.64	0.521
209.7	141.3652945	23.63	0.503
216.4	150.6260744	23.6	0.451
214.8	148.1195561	23.56	0.419
211.4	143.4215034	23.52	0.444
218	153.3405134	23.5	0.423
211.8	143.9325875	23.46	0.449
212.8	145.2575724	23.44	0.47
211.6	143.6757156	23.4	0.493
202.7	134.6805694	23.39	0.585
191.6	128.9773778	23.41	0.7
189.6	128.5050003	23.46	0.774
196.6	130.8759536	23.5	0.704
198.9	132.1093104	23.58	0.67
201.4	133.7233811	23.66	0.704
202.9	134.8352272	23.71	0.815
206.9	138.3643054	23.79	0.756
208.4	139.914364	23.84	0.742
207.2	138.6639767	23.87	0.748
201.9	134.0817512	23.89	0.618
193.2	129.4717308	23.89	0.618
190.8	128.7691755	23.89	0.669
193.5	129.5761138	23.88	0.742
194.8	130.0717042	23.89	0.725
192.3	129.1807975	23.91	0.847
194.1	129.7960751	23.94	0.793
196.6	130.8759536	23.97	0.844
196.3	130.7322487	24.01	0.727
199.3	132.3480491	24.02	0.745
198.4	131.8211113	24.04	0.856
194.4	129.9116845	24.04	0.652
198.5	131.8778474	24.04	0.711
204.1	135.8056071	24.04	0.734
201.6	133.8652759	24.03	0.587
209.9	141.5976893	23.99	0.565
205.3	136.8505178	23.96	0.588
205.2	136.7605319	23.91	0.587
195.3	130.2812262	23.83	0.619
195.3	130.2812262	23.77	0.643
195.9	130.5466922	23.71	0.662
194.8	130.0717042	23.67	0.62
199.8	132.6567999	23.65	0.651
195.5	130.3680067	23.63	0.69

185.7	128.0395961	24.13	0.738
183	128.065931	24.07	0.715
186.8	128.1104281	24.01	0.731
182.6	128.0940314	23.95	0.689
176.2	129.4042052	23.92	0.803
184.9	128.0177548	23.9	0.784
190	128.5866722	23.89	0.665
194.8	130.0717042	23.89	0.646
197.7	131.436508	23.88	0.634
193.2	129.4717308	23.86	0.606
199	132.1683105	23.84	0.622
195.8	130.5013785	23.8	0.599
192.2	129.1505175	23.76	0.607
197.1	131.1241663	23.75	0.619
193.1	129.4377621	23.74	0.671
194.2	129.8341932	23.73	0.7
192	129.0911795	23.71	0.68
185.7	128.0395961	23.7	0.705
172.7	130.8276183	23.72	0.884
169.2	132.7835393	23.77	0.873
172	131.1751217	23.8	0.822
178.1	128.8442293	23.85	0.867
175.9	129.506112	23.91	0.772
183.9	128.0255546	23.96	1.004
183.6	128.0355004	24.02	0.81
186.1	128.0598829	24.06	0.814
185.9	128.0489586	24.08	0.747
178.5	128.7449612	24.09	0.792
174.3	130.1127622	24.08	0.774
165.7	135.3112579	24.07	0.858
170.2	132.1683105	24.05	0.826
165.5	135.4739906	24.06	0.756
166.3	134.8352272	24.09	0.839
171.9	131.2265166	24.12	0.86
172	131.1751217	24.15	0.879
175.4	129.6842235	24.2	0.962
172.2	131.0736496	24.19	0.826
171.9	131.2265166	24.21	0.875
170.6	131.9350344	24.21	0.822
171.6	131.3833467	24.2	0.793
178.1	128.8442293	24.2	0.876
183.4	128.0440822	24.18	0.704
187.5	128.180153	24.14	0.656
188.2	128.2691098	24.11	0.644
183.1	128.0598829	24.06	0.723
175.4	129.6842235	23.99	0.736
170.3	132.1093104	23.93	0.821
171.4	131.490113	23.87	0.867
174.4	130.0717042	23.83	0.905
175.5	129.6477719	23.81	0.954
176.4	129.3383252	23.78	0.881

181.2	128.2417275	24.45	0.873	174.8	129.9116845	24.81
177.4	129.0334674	24.4	0.884	172.6	130.8759536	24.76
181.3	128.2286266	24.34	0.865	174.7	129.9510588	24.69
179	128.6298991	24.3	0.811	171.7	131.3306282	24.67
172.5	130.9247236	24.26	0.93	167.2	134.1548834	24.61
178.4	128.7691755	24.23	0.933	171.4	131.490113	24.57
185.2	128.0230196	24.21	0.852	175.5	129.6477719	24.55
189.1	128.4118509	24.21	0.788	179.6	128.5050003	24.55
192.1	129.120645	24.2	0.79	184.9	128.0177548	24.53
188.9	128.3773651	24.17	0.794	181.9	128.1582717	24.52
195.1	130.1961465	24.15	0.731	186.8	128.1104281	24.51
193	129.4042052	24.13	0.733	184.4	128.0167799	24.51
187.5	128.180153	24.09	0.764	180.5	128.3444613	24.49
194.8	130.0717042	24.09	0.735	185.7	128.0395961	24.5
188.2	128.2691098	24.11	0.802	181.6	128.1916822	24.51
192.4	129.2114853	24.11	0.794	183	128.065931	24.52
189.9	128.565657	24.1	0.881	181.6	128.1916822	24.53
182.1	128.1379589	24.08	0.854	176.4	129.3383252	24.49
167.9	133.6531567	24.09	1.039	166.2	134.9133063	24.48
164.4	136.4059155	24.12	1.086	160.8	139.914364	24.48
167.6	133.8652759	24.13	1.007	163.7	137.032099	24.46
170.1	132.2277664	24.16	1.039	164.7	136.145503	24.47
172.3	131.0235708	24.2	0.969	165.7	135.3112579	24.48
174.6	129.9908531	24.24	1.098	170.5	131.9926732	24.52
183.1	128.0598829	24.28	1.03	173.3	130.5466922	24.54
181.9	128.1582717	24.31	0.993	175	129.8341932	24.56
180.8	128.2980674	24.32	0.983	174.1	130.1961465	24.57
176.3	129.3710598	24.32	0.859	169.5	132.5941263	24.56
172.3	131.0235708	24.31	0.904	165.3	135.6387698	24.54
168	133.5834127	24.3	0.925	159.2	141.7148217	24.52
165	135.8898012	24.28	1.029	159.2	141.7148217	24.5
160.9	139.8069561	24.28	1.005	156.7	144.8528837	24.51
160.9	139.8069561	24.31	1.177	156	145.8069274	24.55
163.9	136.8505178	24.33	1.062	159.2	141.7148217	24.57
164.9	135.9745142	24.37	1.115	160.1	140.6829105	24.61
170.5	131.9926732	24.4	1.009	164	136.7605319	24.62
169.4	132.6567999	24.38	1.112	160.4	140.3499361	24.59
166.2	134.9133063	24.41	1.158	162	138.6639767	24.61
170.5	131.9926732	24.41	0.884	162.8	137.8760949	24.6
168.3	133.3770516	24.4	0.969	162.6	138.0697036	24.59
176.1	129.4377621	24.4	0.977	169.3	132.7199372	24.57
175.5	129.6477719	24.37	0.878	170.2	132.1683105	24.54
179.9	128.4479207	24.34	0.838	174.9	129.8727295	24.52
185.9	128.0489586	24.31	0.809	178.9	128.6521114	24.49
178.6	128.7211479	24.26	0.863	174.2	130.1542428	24.46
171.3	131.5441627	24.21	0.91	168.1	133.514148	24.41
166.5	134.6805694	24.16	0.957	164.2	136.5821614	24.37
166.4	134.7576487	24.11	0.994	162.9	137.780123	24.35
166.9	134.3772185	24.06	0.963	164.5	136.3185854	24.33
168.6	133.1749726	24.05	0.968	165.7	135.3112579	24.29
172.4	130.9739291	24.01	1.002	168.4	133.3092177	24.24

1.228	182.9	128.0723698	129.8831877	Yes
1.165	179.5	128.5248214	130.1904975	Yes
1.159	181.1	128.2552218	130.6620675	Yes
1.069	179.1	128.6080861	130.0772052	Yes
1.165	175.3	129.7210908	131.1607122	Yes
1.134	180.4	128.3607156	130.3736829	Yes
0.946	183.3	128.0489586	130.231388	Yes
1.007	187.1	128.1379589	131.8377083	Yes
0.972	192.5	129.2425815	132.8939509	Yes
1.03	186.4	128.0791994	131.0903723	Yes
1.033	188.6	128.328602	133.8859123	Yes
0.995	186.4	128.0791994	132.8242238	Yes
1.007	183.5	128.0395961	131.4272463	Yes
0.988	187.2	128.1479193	134.1447799	Yes
1.067	182.8	128.0791994	131.5820682	Yes
1.087	185.5	128.031795	132.0801954	Yes
1.112	185.5	128.031795	131.5112059	Yes
1.111	181.4	128.2159189	129.6824737	Yes
1.337	175	129.8341932	131.6411305	Yes
1.305	168.6	133.1749726	134.1567583	Yes
1.227	169.7	132.4701664	133.0837233	Yes
1.317	170.6	131.9350344	132.2523687	Yes
1.269	171.8	131.2783518	132.1685347	Yes
1.408	174	130.2384741	131.0165565	Yes
1.209	178.8	128.6747234	130.7362209	Yes
1.226	180.7	128.3131374	130.8559699	Yes
1.186	177.9	128.8962779	130.8206854	Yes
1.197	177.2	129.0911795	130.7766156	Yes
1.147	171	131.7089882	131.5911644	Yes
1.235	166.1	134.9918873	134.8741111	Yes
1.225	165.7	135.3112579	134.932061	Yes
1.217	164.4	136.4059155	137.32229	Yes
1.333	163	137.6847037	137.4629224	Yes
1.319	166.7	134.5279034	134.8231669	Yes
1.337	168.5	133.2418584	134.3900717	Yes
1.332	170.9	131.7648252	132.1869005	Yes
1.292	169.8	132.4088779	133.7674625	Yes
1.348	168	133.5834127	134.0416647	Yes
1.276	170	132.2876789	132.8006332	Yes
1.252	170	132.2876789	133.3991256	Yes
1.299	174.2	130.1542428	131.3923557	Yes
1.038	174.8	129.9116845	130.727425	Yes
1.04	179.2	128.5866722	131.3370329	Yes
1.002	182.4	128.1104281	129.9862251	Yes
1.099	180.5	128.3444613	130.4080534	Yes
1.163	173.4	130.5013785	131.1050278	Yes
1.241	169.7	132.4701664	133.2246868	Yes
1.308	168.6	133.1749726	133.5499099	Yes
1.303	170.7	131.8778474	132.5434119	Yes
1.291	172.6	130.8759536	132.3333512	Yes
1.305	172.9	130.7322487	130.9443455	Yes

5.549
4.64
5.86
4.81
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3.711
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2.548
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13.45

9/10/2019	21:39	23.55	0.763
9/10/2019	21:40	23.55	0.603
9/10/2019	21:41	23.55	0.636
9/10/2019	21:42	23.56	0.557
9/10/2019	21:43	23.54	0.487
9/10/2019	21:44	23.51	0.428
9/10/2019	21:45	23.47	0.457
9/10/2019	21:46	23.43	0.473
9/10/2019	21:47	23.39	0.524
9/10/2019	21:48	23.35	0.374
9/10/2019	21:49	23.3	0.401
9/10/2019	21:50	23.25	0.353
9/10/2019	21:51	23.2	0.374
9/10/2019	21:52	23.15	0.365
9/10/2019	21:53	23.1	0.39
9/10/2019	21:54	23.05	0.37
9/10/2019	21:55	23	0.367
9/10/2019	21:56	22.97	0.457
9/10/2019	21:57	22.95	0.419
9/10/2019	21:58	22.95	0.436
9/10/2019	21:59	22.97	0.505
9/10/2019	22:00	23.01	0.583
9/10/2019	22:01	23.07	0.612
9/10/2019	22:02	23.15	0.751
9/10/2019	22:03	23.24	0.656
9/10/2019	22:04	23.31	0.529
9/10/2019	22:05	23.36	0.624
9/10/2019	22:06	23.42	0.759
9/10/2019	22:07	23.48	0.845
9/10/2019	22:08	23.54	0.698
9/10/2019	22:09	23.6	0.691
9/10/2019	22:10	23.69	0.878
9/10/2019	22:11	23.8	0.841
9/10/2019	22:12	23.88	0.841
9/10/2019	22:13	23.99	1.247
9/10/2019	22:14	24.1	0.837
9/10/2019	22:15	24.16	0.745
9/10/2019	22:16	24.18	0.815
9/10/2019	22:17	24.19	0.788
9/10/2019	22:18	24.18	0.732
9/10/2019	22:19	24.2	1.002
9/10/2019	22:20	24.23	1.089
9/10/2019	22:21	24.22	0.806
9/10/2019	22:22	24.18	0.952
9/10/2019	22:23	24.16	0.814
9/10/2019	22:24	24.13	0.745
9/10/2019	22:25	24.11	0.791
9/10/2019	22:26	24.11	0.782
9/10/2019	22:27	24.1	0.781
9/10/2019	22:28	24.07	0.549
9/10/2019	22:29	24.03	0.771

198	131.5986579	23.62	0.728
195.8	130.5013785	23.63	0.654
202.6	134.6039881	23.63	0.708
202.1	134.2285045	23.64	0.706
200.1	132.8476073	23.62	0.547
206.2	137.6847037	23.58	0.548
204.6	136.2317817	23.54	0.584
201.6	133.8652759	23.5	0.522
207.5	138.968767	23.46	0.545
209.7	141.3652945	23.42	0.551
209.4	141.0213439	23.38	0.551
213.3	145.9460296	23.33	0.488
219.1	155.335435	23.28	0.467
213.5	146.2263702	23.24	0.469
210	141.7148217	23.18	0.502
209.9	141.5976893	23.13	0.485
207.6	139.0715101	23.09	0.481
204.2	135.8898012	23.06	0.581
208.7	140.2401479	23.06	0.515
201.2	133.5834127	23.06	0.525
204.5	136.145503	23.08	0.577
198.2	131.7089882	23.12	0.671
198.3	131.7648252	23.17	0.692
196	130.5924354	23.26	0.78
192.8	129.3383252	23.34	0.645
195	130.1542428	23.41	0.619
186.3	128.0723698	23.45	0.603
181.5	128.2036041	23.5	0.702
191.3	128.8962779	23.56	0.813
187.2	128.1479193	23.61	0.745
184.7	128.016195	23.67	0.76
198.9	132.1093104	23.75	0.942
190.6	128.7211479	23.85	0.952
196.3	130.7322487	23.93	0.965
195.1	130.1961465	24.04	1.282
195.2	130.2384741	24.15	1.01
193.8	129.6842235	24.21	0.816
200.8	133.3092177	24.23	0.807
197.8	131.490113	24.22	0.779
198.7	131.9926732	24.21	0.757
202.6	134.6039881	24.23	1.132
204.1	135.8056071	24.26	1.018
205.9	137.4017445	24.24	0.868
203.6	135.3923691	24.21	0.93
205.6	137.1236975	24.18	0.922
206.1	137.5898354	24.14	0.822
207.2	138.6639767	24.13	0.913
194.3	129.8727295	24.13	0.853
195.3	130.2812262	24.12	0.882
191.4	128.9229071	24.09	0.642
200.5	133.1085592	24.05	0.876

175	129.8341932	23.77	0.884
178.3	128.7937914	23.78	0.976
176.7	129.2425815	23.78	0.923
180.9	128.2833916	23.79	0.79
184.4	128.0167799	23.77	0.726
187.7	128.2036041	23.73	0.735
186.5	128.0864199	23.68	0.708
186	128.0542255	23.64	0.751
187.9	128.2286266	23.61	0.723
184.8	128.0167799	23.58	0.715
185.2	128.0230196	23.54	0.703
196.3	130.7322487	23.49	0.715
201.6	133.8652759	23.44	0.624
193.8	129.6842235	23.4	0.609
189.3	128.4479207	23.34	0.708
188.8	128.3607156	23.3	0.657
185.9	128.0489586	23.27	0.726
184.1	128.0208746	23.25	0.806
185.1	128.0208746	23.25	0.842
179.9	128.4479207	23.26	0.786
182.5	128.1020341	23.29	0.856
176	129.4717308	23.32	0.81
177.9	128.8962779	23.38	0.905
176.5	129.3060009	23.47	0.917
171.5	131.436508	23.55	0.785
165.5	135.4739906	23.6	0.762
161.8	138.8665983	23.63	0.833
160.3	140.4603245	23.68	0.912
161.8	138.8665983	23.73	0.867
164.2	136.5821614	23.77	0.881
164.2	136.5821614	23.83	1.053
171.4	131.490113	23.9	0.961
168.8	133.042617	24.01	1.193
171.3	131.5441627	24.08	1.202
170	132.2876789	24.19	1.559
175.6	129.6117355	24.3	1.395
174.9	129.8727295	24.34	1.142
176.5	129.3060009	24.34	1.093
176.9	129.1807975	24.32	1.101
174.7	129.9510588	24.3	0.906
174.1	130.1961465	24.33	1.397
176.1	129.4377621	24.36	1.008
181.5	128.2036041	24.32	0.977
184.7	128.016195	24.29	0.901
185.9	128.0489586	24.26	1.082
184.3	128.0177548	24.22	1.031
177.1	129.120645	24.21	0.995
172.4	130.9739291	24.21	0.963
171.8	131.2783518	24.2	0.95
173.4	130.5013785	24.16	0.909
172.5	130.9247236	24.11	0.909

170.6	131.9350344	23.99	1.001	165.4	135.5561236	24.21
170.6	131.9350344	23.99	0.965	169.1	132.8476073	24.2
173	130.6852129	23.99	1.03	167.5	133.9369487	24.2
176.5	129.3060009	24	0.974	170.4	132.0507649	24.21
177.6	128.9773778	23.97	0.854	173.1	130.6386087	24.18
182.7	128.0864199	23.93	0.83	174.8	129.9116845	24.15
179.8	128.4665503	23.89	0.778	174.1	130.1961465	24.1
181.1	128.2552218	23.85	0.799	173.4	130.5013785	24.09
182.5	128.1020341	23.83	0.842	177.3	129.0621204	24.06
182.4	128.1104281	23.81	0.819	174.6	129.9908531	24.04
180.4	128.3607156	23.77	0.813	174.9	129.8727295	24.01
189.5	128.4855767	23.73	0.768	183.5	128.0395961	23.97
191.9	129.0621204	23.67	0.716	187	128.1283904	23.92
187.2	128.1479193	23.64	0.689	184.8	128.0167799	23.89
182.6	128.0940314	23.59	0.778	178.3	128.7937914	23.85
183.1	128.0598829	23.57	0.76	177.1	129.120645	23.84
181.6	128.1916822	23.53	0.768	176.5	129.3060009	23.81
179.8	128.4665503	23.52	0.873	174	130.2384741	23.82
179.9	128.4479207	23.53	0.824	175.2	129.7583745	23.83
177.1	129.120645	23.54	0.801	173.6	130.4120364	23.84
178.8	128.6747234	23.56	0.867	173.8	130.3244035	23.85
170.7	131.8778474	23.59	0.945	166.8	134.4523139	23.87
172.8	130.7797169	23.63	1.011	169.3	132.7199372	23.89
173.7	130.3680067	23.71	1.058	168	133.5834127	23.95
170	132.2876789	23.77	0.942	164.8	136.0597477	23.99
163	137.6847037	23.81	0.899	162	138.6639767	24.02
158.1	143.0451277	23.84	0.892	157.7	143.5482783	24.04
157.2	144.1921397	23.89	1.015	153.3	149.8211447	24.08
156.5	145.1219829	23.93	1.139	151.4	152.989316	24.11
159.3	141.5976893	23.96	1.043	155	147.2303008	24.12
161.9	138.7650022	24	1.118	155.4	146.6522652	24.16
166.5	134.6805694	24.07	1.288	161.5	139.1748294	24.22
162.9	137.780123	24.17	1.265	158.7	142.3099249	24.31
166.6	134.6039881	24.24	1.301	159.3	141.5976893	24.35
162.6	138.0697036	24.36	1.708	157.9	143.2953883	24.48
170	132.2876789	24.46	1.364	165.9	135.1505606	24.55
168.4	133.3092177	24.49	1.121	163.1	137.5898354	24.57
175.9	129.506112	24.47	1.113	169.3	132.7199372	24.55
173.8	130.3244035	24.45	1.046	169	132.9121422	24.53
175.6	129.6117355	24.43	1.068	167	134.3026158	24.5
167.4	134.0091067	24.45	1.486	164.7	136.145503	24.54
172.3	131.0235708	24.48	1.373	166.5	134.6805694	24.56
179	128.6298991	24.44	1.139	173.5	130.4564935	24.51
178.7	128.6977354	24.4	1.18	175.4	129.6842235	24.45
180.1	128.4118509	24.37	1.146	177.6	128.9773778	24.42
181.7	128.180153	24.33	1.038	174.3	130.1127622	24.39
170.7	131.8778474	24.32	1.157	168.9	132.977145	24.39
166.6	134.6039881	24.32	1.129	164	136.7605319	24.39
164.4	136.4059155	24.32	1.088	162.8	137.8760949	24.39
165.5	135.4739906	24.28	0.905	164.2	136.5821614	24.34
167.7	133.7940871	24.23	1.073	164.6	136.2317817	24.31

1.236	171.6	131.3833467	132.0614712	Yes
1.357	173.7	130.3680067	130.8891636	Yes
1.301	173.2	130.5924354	131.8122333	Yes
1.18	174.9	129.8727295	130.7482783	Yes
1.095	177.9	128.8962779	129.8753303	Yes
1.054	177.9	128.8962779	130.556538	Yes
1.05	178.9	128.6521114	130.3266019	Yes
1.102	177.2	129.0911795	129.9534562	Yes
1.069	181.2	128.2417275	130.5206551	Yes
1.08	179.6	128.5050003	131.1976712	Yes
1.086	178.9	128.6521114	131.185984	Yes
1.038	185.3	128.0255546	132.2458012	Yes
0.982	187.5	128.180153	134.9142749	Yes
0.944	186.4	128.0791994	132.0308985	Yes
1.037	182.9	128.0723698	131.024587	Yes
0.991	181.9	128.1582717	131.0594409	Yes
1.066	180	128.4296876	130.6095679	Yes
1.162	178.7	128.6977354	130.2626871	Yes
1.183	177.9	128.8962779	131.0727191	Yes
1.138	177.7	128.9499403	130.102791	Yes
1.199	177.6	128.9773778	130.4448084	Yes
1.233	172.7	130.8276183	131.6676997	Yes
1.282	174.2	130.1542428	130.863	Yes
1.309	174.2	130.1542428	130.8008197	Yes
1.157	170.3	132.1093104	132.246314	Yes
1.069	169.1	132.8476073	134.9649042	Yes
1.213	164.7	136.145503	137.9355754	Yes
1.264	160.8	139.914364	140.5183154	Yes
1.237	161.1	139.5939084	141.0936167	Yes
1.229	163.5	137.2158368	138.1547815	Yes
1.395	163.4	137.3085186	137.4648285	Yes
1.39	169.9	132.3480491	133.9605743	Yes
1.611	165.6	135.3923691	135.4492364	Yes
1.631	167.1	134.2285045	134.5413187	Yes
1.95	164.4	136.4059155	136.0509666	Yes
1.729	172.5	130.9247236	131.6426345	Yes
1.495	169.5	132.5941263	132.6100265	Yes
1.437	174.1	130.1961465	131.0074829	Yes
1.459	174.2	130.1542428	130.8123398	Yes
1.262	175.1	129.7960751	131.1308317	Yes
1.82	171.9	131.2265166	133.2362522	Yes
1.415	176	129.4717308	132.083848	Yes
1.358	178.8	128.6747234	130.6732929	Yes
1.352	182.1	128.1379589	129.9856964	Yes
1.366	181.3	128.2286266	130.1581023	Yes
1.371	180	128.4296876	130.4660386	Yes
1.345	176.1	129.4377621	132.4154752	Yes
1.283	173.9	130.2812262	132.4984809	Yes
1.345	171.5	131.436508	133.4556193	Yes
1.233	170.9	131.7648252	132.6490526	Yes
1.256	169.9	132.3480491	133.2814401	Yes

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9/10/2019	22:30	24	0.719
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9/10/2019	22:32	23.94	0.766
9/10/2019	22:33	23.93	0.732
9/10/2019	22:34	23.92	0.765
9/10/2019	22:35	23.9	0.653
9/10/2019	22:36	23.88	0.82
9/10/2019	22:37	23.86	0.546
9/10/2019	22:38	23.84	0.608
9/10/2019	22:39	23.8	0.609
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9/10/2019	22:41	23.74	0.518
9/10/2019	22:42	23.7	0.475
9/10/2019	22:43	23.66	0.35
9/10/2019	22:44	23.62	0.276
9/10/2019	22:45	23.57	0.21
9/10/2019	22:46	23.53	0.287
9/10/2019	22:47	23.49	0.22
9/10/2019	22:48	23.46	0.331
9/10/2019	22:49	23.42	0.256
9/10/2019	22:50	23.38	0.25
9/10/2019	22:51	23.34	0.176
9/10/2019	22:52	23.3	0.037
9/10/2019	22:53	23.23	0.154
9/10/2019	22:54	23.15	0.22
9/10/2019	22:55	23.07	0.163
9/10/2019	22:56	22.99	0.152
9/10/2019	22:57	22.91	0.196
9/10/2019	22:58	22.81	0.245
9/10/2019	22:59	22.7	0.222
9/10/2019	23:00	22.59	0.245
9/10/2019	23:01	22.48	0.295
9/10/2019	23:02	22.38	0.293
9/10/2019	23:03	22.28	0.262
9/10/2019	23:04	22.19	0.246
9/10/2019	23:05	22.11	0.282
9/10/2019	23:06	22.03	0.323
9/10/2019	23:07	21.96	0.233
9/10/2019	23:08	21.9	0.276
9/10/2019	23:09	21.84	0.288
9/10/2019	23:10	21.78	0.356
9/10/2019	23:11	21.72	0.36
9/10/2019	23:12	21.67	0.245
9/10/2019	23:13	21.62	0.255
9/10/2019	23:14	21.58	0.311
9/10/2019	23:15	21.54	0.28
9/10/2019	23:16	21.5	0.285
9/10/2019	23:17	21.46	0.472
9/10/2019	23:18	21.45	0.214
9/10/2019	23:19	21.43	0.293
9/10/2019	23:20	21.4	0.325

194.5	129.9510588	24.01	0.832
194.6	129.9908531	23.98	0.856
194.9	130.1127622	23.96	0.878
194.9	130.1127622	23.95	0.793
193.2	129.4717308	23.94	0.815
187.2	128.1479193	23.92	0.713
192.7	129.3060009	23.91	0.837
199.6	132.5319155	23.9	0.696
197.6	131.3833467	23.87	0.636
204.1	135.8056071	23.84	0.642
200.7	133.2418584	23.81	0.71
201.4	133.7233811	23.78	0.497
206.9	138.3643054	23.74	0.501
208.5	140.0223639	23.7	0.437
218.1	153.51742	23.66	0.38
238.6	177.8276612	23.61	0.288
233.6	190.6237893	23.57	0.358
232.6	191.31691	23.53	0.333
214.6	147.8201441	23.52	0.406
212.1	144.3229273	23.5	0.328
192.7	129.3060009	23.48	0.293
230.4	183.6236488	23.45	0.229
4.198	128.019151	23.41	0.044
346.2	134.9133063	23.36	0.156
348.6	133.1749726	23.28	0.244
2.421	128.1086329	23.22	0.206
20.27	132.957595	23.15	0.189
24.73	136.3447291	23.08	0.229
22.92	134.8508029	23	0.281
28.56	140.0874488	22.88	0.267
22.5	134.5279034	22.76	0.289
49.42	180.4758733	22.64	0.373
42.16	161.4904896	22.54	0.386
52.58	191.2427813	22.44	0.348
44.25	166.2638968	22.36	0.303
48.66	178.1434305	22.26	0.362
52.59	191.2798355	22.18	0.422
50.32	183.3605568	22.1	0.28
52.92	192.5140383	22.02	0.314
55.75	184.7294423	21.95	0.354
61.67	171.4041962	21.89	0.404
71.41	156.5110545	21.83	0.428
78.51	149.7309288	21.77	0.283
74.69	153.0112825	21.71	0.312
66.39	163.257124	21.66	0.365
54.77	187.3376215	21.62	0.345
70.02	158.2016147	21.56	0.314
40.66	158.3570484	21.54	0.542
32.25	144.5203807	21.54	0.201
45.48	169.314975	21.5	0.33
47.47	174.6706723	21.46	0.363

172.2	131.0736496	24.08	0.825
172.2	131.0736496	24.05	1.002
175.3	129.7210908	24.04	1.076
174.4	130.0717042	24.04	1.076
172.4	130.9739291	24.03	1.037
173.3	130.5466922	24.01	0.877
169.8	132.4088779	24	1.042
173.8	130.3244035	23.99	0.773
171.6	131.3833467	23.97	0.899
174.7	129.9510588	23.93	0.825
176.4	129.3383252	23.91	0.797
180.9	128.2833916	23.87	0.768
183	128.065931	23.83	0.68
190.6	128.7211479	23.79	0.548
195.4	130.3244035	23.75	0.48
214	146.9398193	23.71	0.459
214.2	147.2303008	23.68	0.483
210.5	142.3099249	23.64	0.467
200	132.7835393	23.64	0.461
196	130.5924354	23.64	0.494
177.1	129.120645	23.64	0.409
202.4	134.4523139	23.63	0.303
277.3	144.0254863	23.6	0.09
309.3	174.9883145	23.55	0.133
315.8	192.5757179	23.48	0.255
327.2	161.1450705	23.42	0.305
351.1	131.6535994	23.35	0.279
357.4	129.0334674	23.29	0.303
356.4	129.3383252	23.2	0.424
356.5	129.3060009	23.08	0.462
355.6	129.6117355	22.96	0.455
21.67	133.915396	22.86	0.569
19.63	132.5505302	22.81	0.62
26.76	138.2261966	22.76	0.625
20	132.7835393	22.69	0.493
25.68	137.1973656	22.6	0.564
29.31	140.9192372	22.49	0.658
25.75	137.2621098	22.4	0.373
26.03	137.5237544	22.3	0.499
31.2	143.1699306	22.23	0.483
37.63	152.6935205	22.17	0.556
44.75	167.4815094	22.13	0.547
50.58	184.2196916	22.05	0.397
50.55	184.1199563	21.97	0.433
38.82	154.8173027	21.91	0.462
30.31	142.0819228	21.85	0.421
43.16	163.7125714	21.79	0.33
16	130.5924354	21.81	0.714
6.004	128.0544443	21.81	0.229
20.17	132.8927326	21.77	0.411
22.55	134.5658837	21.71	0.443

167.5	133.9369487	24.19	1.089	164.5	136.3185854	24.28
166.6	134.6039881	24.18	1.108	166.7	134.5279034	24.26
168.3	133.3770516	24.18	1.147	164.9	135.9745142	24.26
169.6	132.5319155	24.17	1.099	163.8	136.9410396	24.27
169.1	132.8476073	24.16	1.101	165.6	135.3923691	24.27
169.7	132.4701664	24.14	1.015	165	135.8898012	24.25
164.6	136.2317817	24.13	1.128	161.4	139.278727	24.24
167.1	134.2285045	24.13	0.972	163.6	137.1236975	24.24
170.1	132.2277664	24.11	0.905	164.1	136.6710803	24.21
169.5	132.5941263	24.08	0.954	165.9	135.1505606	24.2
169.4	132.6567999	24.06	0.967	165.3	135.6387698	24.17
175.5	129.6477719	24.03	0.748	169.3	132.7199372	24.13
180	128.4296876	23.98	0.756	173.6	130.4120364	24.1
187.4	128.1690162	23.95	0.657	177.3	129.0621204	24.07
191.2	128.870052	23.91	0.521	187.4	128.1690162	24.03
206	137.4955162	23.87	0.502	198.1	131.6535994	24
210.1	141.8325805	23.85	0.474	202.3	134.3772185	23.97
205.9	137.4017445	23.82	0.497	200.4	133.042617	23.95
199.5	132.4701664	23.83	0.565	195.4	130.3244035	23.99
189.7	128.5248214	23.85	0.555	189.9	128.565657	24.02
178.5	128.7449612	23.86	0.53	180	128.4296876	24.04
192.7	129.3060009	23.87	0.408	189.9	128.565657	24.06
196.6	130.8759536	23.84	0.189	187.5	128.180153	24.04
283.3	145.540202	23.8	0.162	241.6	171.5400605	24.01
310.6	177.8276612	23.74	0.207	290	149.2234061	23.95
328.3	158.8429179	23.67	0.25	304	165.1323684	23.88
339.4	141.481181	23.6	0.219	314.6	192.5757179	23.81
346.9	134.3772185	23.54	0.212	329.3	156.8559046	23.74
352.6	130.8759536	23.45	0.39	336.6	144.9870876	23.66
353.5	130.4564935	23.31	0.455	339.3	141.5976893	23.53
353.1	130.6386087	23.21	0.484	336	145.8069274	23.43
12.4	129.2114853	23.14	0.517	357.3	129.0621204	23.38
12.85	129.3546411	23.12	0.585	358.5	128.7449612	23.36
16.52	130.8372506	23.11	0.606	2.7	128.0864199	23.35
15.85	130.5239817	23.09	0.575	3.883	128.0260243	23.35
20.1	132.8476073	23	0.667	7.15	128.1428902	23.34
21.89	134.0744649	22.95	0.763	10.7	128.7449612	23.38
22.17	134.2803308	22.84	0.543	13.13	129.4479094	23.35
22.32	134.3921981	22.68	0.603	11.17	128.8622629	23.24
26.33	137.8088565	22.61	0.635	14.53	129.962953	23.24
31.42	143.4468055	22.55	0.72	18.22	131.7201198	23.26
39.13	155.3913754	22.56	0.729	29.33	140.9418848	23.31
51.45	187.1823324	22.47	0.569	41.72	160.5471322	23.26
50.56	184.1531838	22.37	0.561	42.35	161.9042469	23.08
42.61	162.4767936	22.27	0.599	33.6	146.3676144	22.95
34.6	147.8201441	22.17	0.59	26.28	137.760995	22.86
44.12	165.9522746	22.1	0.547	31.43	143.4594665	22.76
15.8	130.5013785	22.17	0.714	11.07	128.836561	22.8
359.2	128.5866722	22.18	0.318	3.841	128.0272332	22.78
21.82	134.0235967	22.09	0.563	11.05	128.831469	22.64
26.96	138.4238325	22.01	0.558	15.48	130.3592519	22.54

1.202	171.3	131.5441627	132.5648811	Yes
1.368	171.6	131.3833467	132.3159482	Yes
1.483	171.4	131.490113	132.1351064	Yes
1.399	171.2	131.5986579	132.2512159	Yes
1.399	172.5	130.9247236	131.922072	Yes
1.255	170.8	131.8211113	131.7751381	Yes
1.327	169.7	132.4701664	133.9391108	Yes
1.228	170	132.2876789	133.29924	Yes
1.261	169.2	132.7835393	132.8898159	Yes
1.193	172.1	131.1241663	132.9251038	Yes
1.083	172.5	130.9247236	132.3600954	Yes
1.018	174.8	129.9116845	130.8572333	Yes
0.958	179	128.6298991	130.7803719	Yes
0.865	182.6	128.0940314	130.813736	Yes
0.747	189.8	128.5450401	133.8851864	Yes
0.681	196.9	131.0235708	144.9880334	Yes
0.669	202	134.1548834	149.6437545	Yes
0.674	202.4	134.4523139	147.7047021	Yes
0.819	198.1	131.6535994	135.0103705	Yes
0.753	192	129.0911795	132.2194041	Yes
0.731	187.6	128.1916822	128.7585954	Yes
0.571	193.2	129.4717308	141.0838703	Yes
0.4	192.2	129.1505175	132.0502523	Yes
0.298	217.3	152.1263931	155.8216553	Yes
0.182	266	145.5015641	159.6606644	Yes
0.199	283.3	145.540202	151.7538383	Yes
0.155	288	147.8918251	149.3119837	Yes
0.139	318.5	184.6202228	148.2463085	Yes
0.343	339.1	141.8325805	136.37695	Yes
0.389	344.9	135.9745142	135.4844294	Yes
0.515	342	138.6639767	135.8498303	Yes
0.579	359.6	128.5050003	140.2339751	Yes
0.645	357.9	128.8962779	136.20738	Yes
0.642	4.467	128.0163449	143.2817987	Yes
0.702	1.517	128.2015497	137.1597984	Yes
0.801	8.6	128.328602	140.9319791	Yes
0.802	15.95	130.5695101	145.1176018	Yes
0.794	14.13	129.8074667	142.8316747	Yes
0.908	12.73	129.3156551	144.5215818	Yes
0.916	13.9	129.7210908	145.0784546	Yes
0.933	17.67	131.420513	146.137031	Yes
0.914	22.02	134.1695685	150.8990785	Yes
0.778	35.46	149.1292379	166.1618646	Yes
0.722	41.85	160.823716	168.8024771	Yes
0.758	36.07	150.092572	155.4022813	Yes
0.805	33.6	146.3676144	152.2736596	Yes
0.675	37.11	151.8040505	156.6259955	Yes
0.628	19.33	132.3662495	136.1307345	Yes
0.362	18.94	132.1328558	132.2643172	Yes
0.701	21.18	133.5695215	139.726459	Yes
0.775	22.82	134.7731244	142.558553	Yes

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9/10/2019	23:25	21.27	0.278
9/10/2019	23:26	21.22	0.225
9/10/2019	23:27	21.16	0.244
9/10/2019	23:28	21.1	0.291
9/10/2019	23:29	21.05	0.303
9/10/2019	23:30	21.01	0.312
9/10/2019	23:31	20.98	0.307
9/10/2019	23:32	20.96	0.278
9/10/2019	23:33	20.94	0.231
9/10/2019	23:34	20.92	0.155
9/10/2019	23:35	20.89	0.124
9/10/2019	23:36	20.87	0.056
9/10/2019	23:37	20.84	0.052
9/10/2019	23:38	20.79	0.102
9/10/2019	23:39	20.74	0.171
9/10/2019	23:40	20.69	0.201
9/10/2019	23:41	20.66	0.203
9/10/2019	23:42	20.64	0.278
9/10/2019	23:43	20.62	0.323
9/10/2019	23:44	20.6	0.288
9/10/2019	23:45	20.58	0.311
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9/10/2019	23:47	20.57	0.28
9/10/2019	23:48	20.61	0.225
9/10/2019	23:49	20.66	0.163
9/10/2019	23:50	20.69	0.171
9/10/2019	23:51	20.7	0.142
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9/10/2019	23:53	20.64	0.173
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9/10/2019	23:55	20.53	0.242
9/10/2019	23:56	20.49	0.181
9/10/2019	23:57	20.46	0.114
9/10/2019	23:58	20.43	0.128
9/10/2019	23:59	20.4	0.131
9/11/2019	00:00	20.37	0.182
9/11/2019	00:01	20.35	0.136
9/11/2019	00:02	20.33	0.197
9/11/2019	00:03	20.32	0.165
9/11/2019	00:04	20.3	0.084
9/11/2019	00:05	20.28	0.067
9/11/2019	00:06	20.26	0.067
9/11/2019	00:07	20.25	0.07
9/11/2019	00:08	20.23	0.062
9/11/2019	00:09	20.2	0.084
9/11/2019	00:10	20.2	0.132
9/11/2019	00:11	20.25	0.211

53.37	191.292853	21.42	0.307
66.42	163.2113054	21.4	0.207
65.12	165.2625504	21.39	0.24
77.34	150.6496279	21.36	0.262
97.2	144.0138522	21.33	0.312
119.9	159.1288318	21.28	0.259
121.1	160.7554768	21.22	0.274
103.6	145.6589028	21.16	0.3
94.5	143.8658191	21.11	0.339
93.8	143.8796248	21.09	0.331
89	144.5555056	21.07	0.333
83.8	146.4598058	21.06	0.292
77.24	150.7315951	21.04	0.255
81.7	147.5906108	21.02	0.181
81.8	147.531862	21	0.136
53.39	191.2343647	20.97	0.072
343.7	137.032099	20.94	0.052
268.6	144.6580519	20.9	0.048
257.2	150.7645356	20.84	0.125
234.9	186.9842516	20.79	0.177
171.5	131.436508	20.75	0.227
149.5	156.470139	20.75	0.35
135.8	191.2051427	20.74	0.357
131.1	178.969176	20.71	0.328
114.2	152.7142528	20.68	0.327
115.2	153.6927882	20.68	0.34
121.1	160.7554768	20.7	0.304
134.9	188.6345537	20.75	0.264
115.3	153.7939153	20.8	0.216
87.9	144.8548646	20.85	0.199
67.33	161.8545593	20.88	0.166
27.97	139.4566854	20.88	0.206
328.8	157.837148	20.84	0.178
308.5	173.3294827	20.79	0.24
320.1	179.4825368	20.71	0.265
322.4	172.8067032	20.64	0.195
312.7	192.5757179	20.6	0.137
268	144.8253918	20.56	0.107
276.3	143.9289489	20.53	0.1
270.9	144.1660972	20.51	0.135
243.3	168.3704292	20.49	0.114
235.3	185.9112491	20.46	0.178
227.9	175.9010607	20.45	0.168
249.4	158.9978987	20.43	0.091
269.9	144.3509966	20.42	0.085
284.9	146.2219614	20.42	0.082
269.9	144.3509966	20.43	0.079
277.8	144.0902707	20.43	0.072
230.7	184.6202228	20.42	0.085
196.8	130.9739291	20.42	0.124
172.4	130.9739291	20.45	0.18

19.1	132.2277664	21.69	0.47
37.04	151.6860567	21.65	0.383
34.77	148.0744519	21.65	0.349
49.97	182.2224963	21.6	0.323
68.18	160.643801	21.56	0.392
90.9	144.1660972	21.49	0.359
93.2	143.9085582	21.42	0.333
78.82	149.4998022	21.35	0.409
70.55	157.5417755	21.31	0.461
66.48	163.1198794	21.3	0.455
62.93	169.0376509	21.29	0.465
56.8	182.0726285	21.29	0.437
53.79	190.0769076	21.27	0.359
53.93	189.6772773	21.26	0.297
52.06	189.3434385	21.24	0.225
35.76	149.5993396	21.22	0.125
358.6	128.7211479	21.19	0.089
242.3	170.2024087	21.14	0.037
230.9	185.293471	21.08	0.123
206.1	137.5898354	21.02	0.165
144.6	167.1130196	20.99	0.275
131.7	180.3767538	20.98	0.413
124.6	166.1216858	20.96	0.437
118.4	157.2370948	20.92	0.5
102.6	145.2794496	20.91	0.443
94.2	143.869106	20.91	0.367
97.9	144.1045518	20.94	0.346
109.9	149.1519294	20.99	0.346
97.7	144.0764313	21.05	0.269
67.82	161.1500463	21.1	0.267
50.99	185.5987768	21.13	0.222
8.94	128.3841357	21.12	0.228
321.5	175.3254093	21.09	0.197
301.5	161.3209223	21.07	0.305
306	168.5495467	21.04	0.389
307.8	171.9308504	21.01	0.339
297.9	156.6401729	21.01	0.262
258.7	149.5886665	20.97	0.188
261.4	147.7698413	20.95	0.204
255.8	151.9734986	20.93	0.226
227.4	174.472931	20.91	0.178
214.1	147.0846926	20.86	0.216
204.4	136.0597477	20.83	0.182
233.8	190.048269	20.81	0.143
259.5	149.010542	20.8	0.147
272.6	143.9532925	20.82	0.145
259.2	149.2234061	20.82	0.132
265.9	145.540202	20.81	0.113
218.9	154.96461	20.8	0.06
180.2	128.3944101	20.76	0.089
153.5	149.5047542	20.77	0.169

23.63	135.4168019	21.98	0.495	14.94	130.1293037	22.49
32.48	144.8261256	21.93	0.365	26.41	137.8857226	22.39
33.57	146.3251656	21.93	0.387	26.18	137.665686	22.36
56.63	182.4934375	21.86	0.43	44.35	166.504988	22.25
68.29	160.4910104	21.82	0.511	52.73	191.8007219	22.2
79.68	148.885072	21.75	0.445	66.18	163.5798334	22.13
81.4	147.7698413	21.66	0.445	70.45	157.6648201	22.04
75.83	151.9464353	21.58	0.512	67.47	161.6514349	21.96
71.05	156.9365723	21.54	0.599	62.25	170.2964219	22
69.87	158.3918324	21.56	0.592	57.5	180.3767538	22.13
67.23	162.0005538	21.59	0.622	56.68	182.3693016	22.3
63.9	167.3143222	21.61	0.572	57.52	180.3291586	22.35
62.13	170.5230084	21.6	0.49	58.02	179.1544495	22.37
58.3	178.509184	21.61	0.412	54.83	187.1742421	22.43
52.7	191.6887683	21.59	0.341	53.4	191.2051427	22.31
47.48	174.6989789	21.56	0.275	55.52	185.3301652	22.21
36.49	150.7731035	21.52	0.223	53.58	190.681661	22.09
33.32	145.9739353	21.46	0.151	61.2	172.3255294	21.95
212.2	144.4543929	21.41	0.087	165.4	135.5561236	21.85
193.5	129.5761138	21.35	0.197	162	138.6639767	21.78
131.1	178.969176	21.3	0.366	121.2	160.8957315	21.71
125.3	167.3143222	21.28	0.537	119.3	158.3536654	21.66
116.3	154.8386144	21.25	0.604	110.9	149.8904009	21.6
113	151.6168585	21.2	0.646	108	147.8918251	21.56
105.2	146.3632375	21.21	0.651	100	144.5069269	21.6
92.9	143.9289489	21.22	0.63	89.9	144.3509966	21.65
95.8	143.897159	21.24	0.6	90.9	144.1660972	21.67
104.7	146.1301527	21.3	0.483	99.2	144.3305061	21.72
97.1	144.0026586	21.35	0.421	92.3	143.9815923	21.75
80.3	148.4657012	21.41	0.382	83	146.8652868	21.8
67.37	161.7963731	21.44	0.31	70.25	157.9129319	21.81
24.37	136.0341229	21.43	0.248	31.85	143.9972235	21.79
333.9	148.8813884	21.39	0.16	345.3	135.6387698	21.75
308.6	173.5332689	21.35	0.236	312.9	192.5757179	21.69
305.3	167.3143222	21.33	0.33	309.7	175.8426324	21.63
306.5	169.4586546	21.34	0.316	308.3	172.92492	21.6
304.3	165.6232794	21.36	0.243	310.1	176.7139881	21.59
285.3	146.4112828	21.37	0.183	301.3	161.0367221	21.57
285.7	146.6082498	21.37	0.181	305	166.7980522	21.55
281.5	144.915171	21.37	0.168	295.7	154.2044642	21.53
262.7	147.0253234	21.37	0.127	281.2	144.8253918	21.51
234.3	188.6345537	21.33	0.153	254.3	153.3930028	21.48
226.1	170.9259926	21.29	0.173	251.9	155.945431	21.45
259.4	149.0809751	21.27	0.137	279.3	144.3509966	21.43
274.5	143.8658191	21.24	0.149	291.6	150.439072	21.4
286.7	147.1344513	21.23	0.138	307.5	171.3461128	21.38
283.1	145.4633897	21.22	0.113	304.3	165.6232794	21.36
290	149.2234061	21.21	0.1	312.4	192.5757179	21.34
256.5	151.3553066	21.18	0.035	318.3	185.293471	21.31
168.3	133.3770516	21.15	0.078	109.4	148.802358	21.3
134	186.1774937	21.14	0.181	127.6	171.5400605	21.33

0.727	20.69	133.2351485	144.4603747	Yes
0.565	30.5	142.3099249	147.983827	Yes
0.554	40.23	157.500804	150.9657316	Yes
0.508	50.5	183.9540825	173.1649264	Yes
0.581	58.35	178.3948944	167.068856	Yes
0.561	65.58	164.5211623	156.0561993	Yes
0.631	69.55	158.8028085	153.780301	Yes
0.707	69.58	158.7639784	153.5041107	Yes
0.814	65.47	164.6968799	158.6674938	Yes
0.868	62.82	169.238399	163.0012979	Yes
0.934	66.12	163.6726748	164.3271373	Yes
0.814	74.75	152.9533531	165.8258536	Yes
0.751	72.52	155.2517809	169.1475483	Yes
0.614	74.45	153.2451217	171.2392872	Yes
0.477	71.78	156.0825178	175.1703459	Yes
0.442	72.83	154.914047	171.1553791	Yes
0.366	69.38	159.0240293	153.2464082	Yes
0.281	73.82	153.8752504	157.4070352	Yes
0.197	106.2	146.8652868	152.586762	Yes
0.293	135.5	190.3353042	156.6298963	Yes
0.497	116.5	155.0549457	158.6938762	Yes
0.643	118.8	157.7265948	164.0482951	Yes
0.759	116.9	155.4951241	163.5101936	Yes
0.837	112.5	151.183739	157.3797387	Yes
0.84	106	146.7610226	147.1249779	Yes
0.707	97	143.9919054	145.966749	Yes
0.727	99.4	144.3719327	147.4590435	Yes
0.618	105.7	146.6082498	154.9710783	Yes
0.557	100.7	144.6848135	146.1078822	Yes
0.464	92.7	143.9447385	149.0561275	Yes
0.398	87.5	144.9772949	162.4279872	Yes
0.326	71.46	156.4526251	140.8649585	Yes
0.154	51.02	185.700871	160.6767173	Yes
0.142	351.5	131.436508	166.43918	Yes
0.213	344.3	136.4937737	165.5365624	Yes
0.181	338.8	142.1896378	165.8621532	Yes
0.125	343.5	137.2158368	165.753799	Yes
0.1	338.1	143.0451277	148.9814382	Yes
0.089	342.1	138.5635199	148.7337224	Yes
0.075	318.6	184.28627	155.9091002	Yes
0.03	329	157.4417417	158.4271634	Yes
0.066	237.9	179.4337369	170.891447	Yes
0.091	235.5	185.382728	164.842992	Yes
0.076	281.6	144.9460055	157.484829	Yes
0.074	307.5	171.3461128	151.8025085	Yes
0.07	308.1	172.5243387	156.2360313	Yes
0.058	297.5	156.1744239	152.1670991	Yes
0.04	295.2	153.6927882	157.024477	Yes
0.051	178.7	128.6977354	160.9862692	Yes
0.11	140.7	177.6640101	143.8423518	Yes
0.172	133.9	185.9112491	164.8214973	Yes

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0.965

9/11/2019	00:12	20.29	0.242
9/11/2019	00:13	20.3	0.179
9/11/2019	00:14	20.29	0.094
9/11/2019	00:15	20.26	0.071
9/11/2019	00:16	20.23	0.145
9/11/2019	00:17	20.21	0.228
9/11/2019	00:18	20.2	0.183
9/11/2019	00:19	20.18	0.168
9/11/2019	00:20	20.16	0.222
9/11/2019	00:21	20.16	0.352
9/11/2019	00:22	20.14	0.38
9/11/2019	00:23	20.12	0.301
9/11/2019	00:24	20.11	0.307
9/11/2019	00:25	20.1	0.21
9/11/2019	00:26	20.09	0.082
9/11/2019	00:27	20.06	0.186
9/11/2019	00:28	20.03	0.141
9/11/2019	00:29	19.99	0.133
9/11/2019	00:30	19.97	0.116
9/11/2019	00:31	19.95	0.164
9/11/2019	00:32	19.94	0.186
9/11/2019	00:33	19.92	0.083
9/11/2019	00:34	19.92	0.182
9/11/2019	00:35	19.92	0.211
9/11/2019	00:36	19.93	0.166
9/11/2019	00:37	19.9	0.086
9/11/2019	00:38	19.87	0.083
9/11/2019	00:39	19.85	0.159
9/11/2019	00:40	19.83	0.173
9/11/2019	00:41	19.84	0.28
9/11/2019	00:42	19.83	0.146
9/11/2019	00:43	19.83	0.17
9/11/2019	00:44	19.83	0.184
9/11/2019	00:45	19.83	0.096
9/11/2019	00:46	19.82	0.033
9/11/2019	00:47	19.79	0.075
9/11/2019	00:48	19.78	0.091
9/11/2019	00:49	19.76	0.115
9/11/2019	00:50	19.74	0.082
9/11/2019	00:51	19.73	0.105
9/11/2019	00:52	19.74	0.188
9/11/2019	00:53	19.79	0.174
9/11/2019	00:54	19.85	0.232
9/11/2019	00:55	19.93	0.261
9/11/2019	00:56	20.03	0.272
9/11/2019	00:57	20.02	0.307
9/11/2019	00:58	20.03	0.322
9/11/2019	00:59	20.07	0.331
9/11/2019	01:00	20.15	0.269
9/11/2019	01:01	20.2	0.23
9/11/2019	01:02	20.26	0.242

162.2	138.4636301	20.5	0.217
177.4	129.0334674	20.54	0.172
192.4	129.2114853	20.58	0.125
212.5	144.8528837	20.57	0.11
228.3	177.070287	20.54	0.146
204.1	135.8056071	20.51	0.263
179.4	128.5450401	20.48	0.243
163.5	137.2158368	20.44	0.209
156.8	144.7193684	20.41	0.264
146.5	162.6767095	20.41	0.379
159	141.9509679	20.39	0.446
170.9	131.7648252	20.35	0.393
170.2	132.1683105	20.33	0.362
153	150.3016928	20.3	0.276
150.2	155.1495646	20.27	0.115
289.7	149.010542	20.24	0.157
306.5	169.4586546	20.21	0.155
281.3	144.8548646	20.17	0.132
258.7	149.5886665	20.15	0.146
282.2	145.1405816	20.12	0.173
288.1	147.9535689	20.12	0.172
239.4	176.0588609	20.11	0.095
183.6	128.0355004	20.11	0.171
163.9	136.8505178	20.14	0.209
139.1	182.6427564	20.16	0.227
343.4	137.3085186	20.12	0.078
260.2	148.5320061	20.07	0.083
211.7	143.8038178	20.02	0.194
202.4	134.4523139	19.98	0.21
173.1	130.6386087	19.99	0.336
194.4	129.9116845	19.99	0.212
144.2	168.1018522	19.97	0.233
147.1	161.3606366	19.97	0.224
192.4	129.2114853	19.98	0.137
288.5	148.2055809	19.97	0.057
345.8	135.2306555	19.95	0.044
1.895	128.1587996	19.93	0.065
253.1	154.6247674	19.92	0.107
221.8	160.717127	19.93	0.105
171.4	131.490113	19.94	0.116
134.7	188.0789318	19.94	0.153
127.2	170.7700049	19.98	0.146
116.8	155.3841351	20.06	0.192
124.6	166.1216858	20.16	0.255
125.6	167.8384137	20.26	0.289
118.2	156.9963458	20.32	0.299
116.1	154.6247674	20.38	0.33
112.3	151.0143979	20.46	0.297
122.9	163.3950032	20.54	0.272
113.3	151.8834871	20.59	0.214
90.8	144.18259	20.63	0.215

147.6	160.2933984	20.82	0.193
162.6	138.0697036	20.85	0.158
178.5	128.7449612	20.88	0.131
191	128.8188092	20.87	0.127
185.9	128.0489586	20.85	0.184
174.8	129.9116845	20.84	0.306
163.1	137.5898354	20.79	0.303
152.4	151.2846063	20.8	0.267
144.2	168.1018522	20.81	0.285
136.2	192.385621	20.83	0.421
141.6	175.0397923	20.81	0.542
148.1	159.2522329	20.77	0.511
148.8	157.837148	20.72	0.456
139.2	182.3192244	20.67	0.405
145.4	165.1937679	20.63	0.202
257.7	150.3590693	20.57	0.205
277.2	144.0138522	20.51	0.237
260.1	148.5988232	20.47	0.214
236.7	182.3197334	20.47	0.224
260.7	148.2055809	20.44	0.292
268.7	144.6317408	20.45	0.354
237.9	179.4337369	20.43	0.198
183	128.065931	20.48	0.232
160.2	140.5713153	20.53	0.244
125.7	168.0148666	20.54	0.27
333.4	149.6625543	20.44	0.087
228.9	178.8700569	20.39	0.112
186	128.0542255	20.31	0.26
174.1	130.1961465	20.25	0.272
152.5	151.1187431	20.28	0.448
171.8	131.2783518	20.28	0.318
132.6	182.5680669	20.24	0.322
140	179.7911758	20.25	0.349
166.8	134.4523139	20.28	0.232
177.5	129.00522	20.26	0.131
311.7	192.5757179	20.25	0.072
346.8	134.4523139	20.24	0.067
212.4	144.7193684	20.25	0.183
184.6	128.016	20.29	0.176
171	131.7089882	20.3	0.161
133.5	184.8594495	20.29	0.162
117.2	155.8318976	20.31	0.143
105.3	146.4112828	20.34	0.191
108.8	148.3999072	20.43	0.26
113.4	151.9734986	20.53	0.281
108	147.8918251	20.59	0.287
102.1	145.1070106	20.66	0.318
103.2	145.5015641	20.74	0.286
110.9	149.8904009	20.8	0.27
99.7	144.4374183	20.83	0.181
70.29	157.8630932	20.85	0.222

137.6	187.7071962	21.16	0.202	139.2	182.3192244	21.36
157.7	143.5482783	21.17	0.187	162.6	138.0697036	21.4
186.4	128.0791994	21.18	0.169	177.9	128.8962779	21.45
196.1	130.6386087	21.18	0.148	179.2	128.5866722	21.47
180.8	128.2980674	21.18	0.213	162.7	137.9726212	21.49
169.7	132.4701664	21.2	0.343	156.8	144.7193684	21.52
161.8	138.8665983	21.19	0.309	154	148.7274886	21.56
154.8	147.5237341	21.2	0.272	148.2	159.0470698	21.59
147.5	160.5047386	21.21	0.306	139.6	181.0419634	21.61
138.6	184.28627	21.24	0.446	132.3	181.8267455	21.63
140	179.7911758	21.26	0.6	134.4	187.2558705	21.67
143.7	169.3661605	21.31	0.601	140.2	179.1755005	21.71
143.8	169.1107479	21.33	0.602	140.7	177.6640101	21.75
137.5	188.0594614	21.32	0.549	136.9	190.2134023	21.75
139.7	180.726811	21.3	0.335	133.7	185.382728	21.77
248.4	160.3391006	21.19	0.178	213.8	146.6522652	21.72
265.1	145.8660653	21.1	0.148	238.6	177.8276612	21.65
247.2	162.0444998	21.02	0.187	220.4	157.837148	21.55
229.5	180.726811	20.96	0.243	208.6	140.1309578	21.51
257.2	150.7645356	20.9	0.294	234.5	188.0789318	21.38
265.1	145.8660653	20.87	0.301	246.8	162.6370044	21.33
245.8	164.1726616	20.83	0.213	226.9	173.0808789	21.27
188.6	128.328602	20.85	0.317	187.8	128.2159189	21.31
169.5	132.5941263	20.92	0.358	179.9	128.4479207	21.44
134.5	187.5288517	20.94	0.325	144.4	167.6049563	21.39
48.79	178.5358965	20.86	0.218	106	146.7610226	21.28
214.2	147.2303008	20.78	0.155	194.6	129.9908531	21.13
168.2	133.4453614	20.64	0.339	149.3	156.8559046	20.95
159.4	141.481181	20.55	0.413	151	153.695204	20.97
152.4	151.2846063	20.62	0.656	155.3	146.7956779	21.33
162.5	138.1673439	20.67	0.472	156.8	144.7193684	21.51
131.9	180.8553063	20.62	0.438	138.8	183.6236488	21.4
139.6	181.0419634	20.66	0.48	148	159.4584123	21.41
156.2	145.5308449	20.76	0.391	156.9	144.586539	21.48
159.8	141.0213439	20.74	0.249	157.2	144.1921397	21.49
173.1	130.6386087	20.75	0.185	168	133.5834127	21.49
199.5	132.4701664	20.75	0.135	184.1	128.0208746	21.48
198.1	131.6535994	20.77	0.27	196.4	130.7797169	21.47
191.1	128.8442293	20.81	0.274	187.2	128.1479193	21.49
181	128.2691098	20.83	0.26	183.5	128.0395961	21.51
146.8	162.0137796	20.81	0.226	164.8	136.0597477	21.48
133.5	184.8594495	20.8	0.192	159	141.9509679	21.45
119.2	158.226888	20.79	0.195	136.3	192.4386028	21.44
117.8	156.5227599	20.82	0.263	128.7	173.7380647	21.46
121	160.6159553	20.9	0.302	129.9	176.2761595	21.5
115.8	154.3086209	20.95	0.305	125.5	167.6628412	21.55
112.2	150.9305587	21	0.322	116.9	155.4951241	21.55
112.2	150.9305587	21.05	0.299	114.4	152.9052402	21.54
115.1	153.5922617	21.1	0.271	109.8	149.0809751	21.52
103.5	145.6188708	21.12	0.199	100.7	144.6848135	21.51
71.13	156.8412776	21.14	0.236	63.3	168.3704292	21.49

0.203	132.6	182.5680669	170.2703032	Yes
0.186	137.5	188.0594614	147.3561229	Yes
0.157	134.2	186.7139875	140.3291822	Yes
0.126	128.3	172.92492	141.1643787	Yes
0.198	134.9	188.6345537	152.0048976	Yes
0.317	140	179.7911758	144.5396004	Yes
0.323	134.7	188.0789318	148.3615789	Yes
0.312	126.9	170.2024087	153.0547312	Yes
0.358	119.2	158.226888	162.5189621	Yes
0.48	122.1	162.1914802	176.6733653	Yes
0.63	128.8	173.943875	171.5963363	Yes
0.662	134.5	187.5288517	165.4175142	Yes
0.671	136.2	192.385621	165.8331675	Yes
0.633	131.9	180.8553063	178.3498174	Yes
0.438	129.1	174.5674412	172.2040626	Yes
0.273	163.9	136.8505178	148.642299	Yes
0.211	176.9	129.1807975	153.2694062	Yes
0.244	181.2	128.2417275	148.3154126	Yes
0.307	188.6	128.328602	156.2189542	Yes
0.353	221	159.0470698	158.2473399	Yes
0.385	235.5	185.382728	157.2942215	Yes
0.279	208.6	140.1309578	166.5754192	Yes
0.42	191.6	128.9773778	128.324666	Yes
0.504	184.6	128.016	133.295976	Yes
0.369	171.6	131.3833467	167.4349555	Yes
0.311	142.8	171.7238383	156.798366	Yes
0.383	143.6	169.6228634	154.8492161	Yes
0.557	150.2	155.1495646	143.4617748	Yes
0.704	164.9	135.9745142	139.1598719	Yes
1.002	171.8	131.2783518	142.2231975	Yes
0.709	170.2	132.1683105	135.2490118	Yes
0.551	160.8	139.914364	171.0126476	Yes
0.507	162.4	138.2655439	163.9835464	Yes
0.463	168.5	133.2418584	137.4046083	Yes
0.346	170.3	132.1093104	138.906719	Yes
0.255	174.2	130.1542428	144.4365275	Yes
0.221	183.7	128.031795	130.2267899	Yes
0.304	196.2	130.6852129	138.492533	Yes
0.329	190.3	128.6521114	134.8754774	Yes
0.326	187.4	128.1690162	129.5353647	Yes
0.312	181.2	128.2417275	159.8507272	Yes
0.281	183.6	128.0355004	156.2895641	Yes
0.226	167.5	133.9369487	157.2795715	Yes
0.254	142.8	171.7238383	163.3012512	Yes
0.345	136	191.7923969	169.6992848	Yes
0.319	132.7	182.8176355	161.9354537	Yes
0.329	122.6	162.9378699	153.8190661	Yes
0.299	116.4	154.9464686	151.0596459	Yes
0.268	108.4	148.1418203	152.8200922	Yes
0.208	90.1	144.310461	146.1870101	Yes
0.291	76.48	151.3725863	155.7259953	Yes

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9/11/2019	01:03	20.36	0.254
9/11/2019	01:04	20.32	0.295
9/11/2019	01:05	20.32	0.282
9/11/2019	01:06	20.3	0.278
9/11/2019	01:07	20.26	0.207
9/11/2019	01:08	20.22	0.286
9/11/2019	01:09	20.2	0.31
9/11/2019	01:10	20.19	0.347
9/11/2019	01:11	20.23	0.321
9/11/2019	01:12	20.24	0.308
9/11/2019	01:13	20.24	0.319
9/11/2019	01:14	20.23	0.273
9/11/2019	01:15	20.2	0.323
9/11/2019	01:16	20.17	0.348
9/11/2019	01:17	20.14	0.358
9/11/2019	01:18	20.12	0.345
9/11/2019	01:19	20.09	0.318
9/11/2019	01:20	20.07	0.303
9/11/2019	01:21	20.06	0.321
9/11/2019	01:22	20.05	0.358
9/11/2019	01:23	20.05	0.351
9/11/2019	01:24	20.04	0.235
9/11/2019	01:25	20.03	0.263
9/11/2019	01:26	20.03	0.289
9/11/2019	01:27	20.04	0.283
9/11/2019	01:28	20.05	0.27
9/11/2019	01:29	20.07	0.319
9/11/2019	01:30	20.09	0.293
9/11/2019	01:31	20.09	0.222
9/11/2019	01:32	20.12	0.263
9/11/2019	01:33	20.16	0.293
9/11/2019	01:34	20.2	0.308
9/11/2019	01:35	20.21	0.321
9/11/2019	01:36	20.18	0.249
9/11/2019	01:37	20.22	0.252
9/11/2019	01:38	20.35	0.276
9/11/2019	01:39	20.33	0.189
9/11/2019	01:40	20.32	0.177
9/11/2019	01:41	20.32	0.264
9/11/2019	01:42	20.33	0.208
9/11/2019	01:43	20.32	0.198
9/11/2019	01:44	20.31	0.297
9/11/2019	01:45	20.3	0.279
9/11/2019	01:46	20.3	0.278
9/11/2019	01:47	20.28	0.197
9/11/2019	01:48	20.27	0.153
9/11/2019	01:49	20.25	0.078
9/11/2019	01:50	20.23	0.088
9/11/2019	01:51	20.21	0.079
9/11/2019	01:52	20.19	0.107
9/11/2019	01:53	20.19	0.135

83.7	146.5088075	20.69	0.224
76.83	151.0734148	20.71	0.253
76.66	151.217874	20.7	0.261
76.25	151.5729151	20.66	0.232
88.2	144.7678047	20.59	0.201
84.7	146.0402375	20.51	0.27
110.1	149.2954063	20.46	0.328
96.1	143.914916	20.43	0.358
79.32	149.1376968	20.46	0.316
75.08	152.6385117	20.47	0.288
70	158.226888	20.48	0.297
66.33	163.3489728	20.45	0.258
61.83	171.0954135	20.42	0.318
55.25	186.0442053	20.39	0.353
52.33	190.3229455	20.36	0.375
51.66	187.9183281	20.32	0.35
46.12	170.978806	20.27	0.358
66.08	163.7347274	20.22	0.305
66.18	163.5798334	20.19	0.344
79.33	149.1305883	20.17	0.33
82.2	147.3018158	20.16	0.351
86.4	145.3516416	20.14	0.257
78.92	149.4263297	20.13	0.239
87.9	144.8548646	20.12	0.236
83.6	146.5582885	20.14	0.279
82.9	146.9181461	20.18	0.251
82.2	147.3018158	20.22	0.295
87.1	145.1070106	20.24	0.261
86.6	145.2794496	20.24	0.178
98.2	144.1500472	20.28	0.26
90.8	144.18259	20.33	0.285
64.17	166.8493301	20.41	0.326
56.6	182.5680669	20.47	0.336
54.4	188.3560461	20.45	0.279
70.85	157.1766587	20.49	0.297
47.65	175.1824177	20.64	0.315
40.1	157.2454979	20.61	0.22
37.48	152.434585	20.57	0.164
10.81	128.7716191	20.55	0.312
6.821	128.1122406	20.51	0.257
40.65	158.3369285	20.49	0.214
41.26	159.58261	20.47	0.331
28.35	139.8605862	20.44	0.311
15.83	130.5149276	20.42	0.312
16.83	130.9887757	20.39	0.249
6.256	128.0694886	20.37	0.172
322.9	171.4565408	20.34	0.091
252.1	155.7190033	20.31	0.069
322.9	171.4565408	20.28	0.08
358.5	128.7449612	20.25	0.124
351.8	131.2783518	20.23	0.151

62.09	170.5988377	20.9	0.249
55.8	184.5997584	20.93	0.281
59.25	176.3852117	20.91	0.319
54.65	187.6658556	20.84	0.332
65.73	164.2831252	20.78	0.334
61.51	171.715437	20.71	0.386
91.7	144.0500767	20.67	0.396
76.13	151.6786163	20.69	0.464
57.8	179.6677453	20.74	0.449
49.17	179.6984152	20.74	0.419
43.64	164.8190309	20.76	0.436
39.45	155.9932573	20.72	0.401
35.28	148.8505467	20.69	0.427
28.2	139.7001382	20.67	0.45
25.07	136.6443488	20.66	0.471
22.04	134.1842731	20.63	0.416
14.72	130.0391616	20.58	0.479
35.57	149.3007899	20.51	0.439
35.59	149.3320828	20.46	0.502
50.17	182.8702448	20.43	0.457
53.26	191.615597	20.4	0.486
62.84	169.2018175	20.36	0.424
50.04	182.4484328	20.34	0.389
58.98	176.9787677	20.35	0.382
59.94	174.903807	20.41	0.418
58.82	177.3342562	20.48	0.405
57.93	179.3637597	20.51	0.443
62.49	169.8472809	20.54	0.404
60.13	174.504668	20.53	0.329
78.2	149.967168	20.59	0.384
71.79	156.0710586	20.65	0.389
44.54	166.9663972	20.75	0.43
35.13	148.6202171	20.82	0.425
22.89	134.8274469	20.82	0.372
43.5	164.4935779	20.89	0.353
29.01	140.5824476	21.01	0.355
9.58	128.5010838	20.96	0.318
16.35	130.7559287	20.96	0.243
350.1	132.2277664	20.93	0.379
347.9	133.6531567	20.89	0.39
10.23	128.6365208	20.85	0.333
10.84	128.7789737	20.8	0.36
2.947	128.0692949	20.75	0.375
350.7	131.8778474	20.71	0.36
347.3	134.0817512	20.68	0.329
344.9	135.9745142	20.64	0.218
329.1	157.2454979	20.59	0.139
233.6	190.6237893	20.55	0.072
314	192.5757179	20.51	0.122
339.9	140.9079226	20.48	0.184
335.5	146.5095784	20.48	0.184

65.3	164.9703808	21.17	0.28	64.72	165.9214177	21.48
70.63	157.4438231	21.18	0.33	77.2	150.7645356	21.46
75.65	152.1095855	21.16	0.401	82.1	147.3585869	21.43
71.9	155.945431	21.11	0.426	77.65	150.3990027	21.39
74.27	153.4227396	21.05	0.419	76.93	150.9891881	21.34
75.14	152.5819503	20.99	0.528	80.7	148.2055809	21.28
95.5	143.8833505	20.96	0.692	94.4	143.8664765	21.32
84.3	146.2219614	21.01	0.692	86.4	145.3516416	21.44
68.21	160.6020433	21.07	0.555	70.76	157.2855633	21.55
58.42	178.2353624	21.11	0.535	61.33	172.0685438	21.63
52.44	190.7261335	21.13	0.551	51.97	189.020103	21.64
46.72	172.5883653	21.1	0.55	47.08	173.5779296	21.63
40.22	157.4811069	21.08	0.557	38.77	154.7255308	21.65
35.42	149.0670892	21.04	0.56	35.38	149.0050648	21.63
35.62	149.3790808	21.04	0.599	37.73	152.8672162	21.65
30.48	142.2858165	21	0.521	27.54	139.0097952	21.56
21.49	133.7869948	20.92	0.57	15.52	130.3767785	21.39
37.18	151.9224549	20.81	0.556	28.59	140.1200716	21.21
38.75	154.6888855	20.74	0.608	33.28	145.9181524	21.08
49.56	180.9157045	20.7	0.605	42.25	161.6859944	21.01
55.88	184.3929341	20.65	0.633	51.57	187.6018852	21
61.37	171.9898034	20.63	0.586	56.9	181.8267455	21.06
55.91	184.315587	20.63	0.548	53.37	191.292853	21.15
62.22	170.352942	20.66	0.5	61.52	171.6959121	21.21
68.25	160.5464685	20.75	0.54	70.48	157.6278362	21.28
67.97	160.9379513	20.81	0.509	68.67	159.9699426	21.32
67.95	160.9661346	20.85	0.562	70	158.226888	21.39
71.57	156.3246528	20.91	0.528	73.3	154.4133891	21.46
71.87	155.979616	20.93	0.487	76.63	151.2435338	21.49
80.9	148.0785655	21.01	0.545	82.6	147.0796431	21.55
78.67	149.6110016	21.09	0.578	81.9	147.4736091	21.61
60.84	173.045869	21.2	0.534	63.58	167.8736337	21.65
48.43	177.4555086	21.25	0.502	48.93	178.9615234	21.67
35.18	148.6968011	21.26	0.471	34.83	148.1647284	21.68
50.82	185.0233127	21.33	0.456	47.13	173.7168111	21.69
39.83	156.7204532	21.4	0.473	34.35	147.4500977	21.73
13.06	129.4242899	21.38	0.436	9.7	128.5248214	21.71
23.57	135.3679823	21.37	0.299	18.71	131.998462	21.69
355.4	129.6842235	21.33	0.468	351.8	131.2783518	21.64
352.4	130.9739291	21.3	0.529	345.3	135.6387698	21.63
0.693	128.3142071	21.26	0.432	352.4	130.9739291	21.61
6.144	128.0624959	21.19	0.495	351.5	131.436508	21.55
358.3	128.7937914	21.12	0.472	348.3	133.3770516	21.48
350.6	131.9350344	21.06	0.433	345.1	135.8056071	21.4
349	132.9121422	20.99	0.417	344.2	136.5821614	21.32
340.8	139.914364	20.94	0.306	333.9	148.8813884	21.23
321.9	174.1916691	20.87	0.197	322	173.9118416	21.14
269.6	144.4151432	20.81	0.111	309.1	174.5674412	21.07
325.5	164.9592071	20.76	0.187	331.8	152.2972712	21.01
345.3	135.6387698	20.73	0.231	341.2	139.4882645	20.97
341.3	139.3832047	20.71	0.229	340.7	140.0223639	20.93

0.31	89.4	144.4601404	158.4919168	Yes
0.374	100.7	144.6848135	157.7132691	Yes
0.456	102.3	145.1746105	154.4491737	Yes
0.478	97.9	144.1045518	157.9375512	Yes
0.494	99.6	144.4151432	151.5756001	Yes
0.601	101.4	144.8847909	152.6855993	Yes
0.862	108.8	148.3999072	145.8990434	Yes
0.789	101.7	144.9772949	146.428886	Yes
0.669	91.2	144.1192747	158.1624647	Yes
0.669	83.7	146.5088075	165.8299281	Yes
0.705	73.1	154.6247674	171.4833845	Yes
0.691	65.35	164.8896944	166.0796439	Yes
0.665	57.5	180.3767538	162.5058703	Yes
0.682	57.22	181.0480576	160.972911	Yes
0.703	57.23	181.0239219	162.0475026	Yes
0.652	41.4	159.8738411	152.6544108	Yes
0.702	30.05	141.7736227	141.3910727	Yes
0.708	39.05	155.242385	152.0640858	Yes
0.746	41.86	160.8450655	154.8728039	Yes
0.736	51.57	187.6018852	172.4408834	Yes
0.746	61.7	171.3461128	176.451669	Yes
0.717	69.1	159.3928048	165.5525626	Yes
0.686	72.9	154.8386144	172.4643634	Yes
0.678	79.22	149.2090689	162.6183111	Yes
0.696	82.9	146.9181461	157.3109093	Yes
0.654	83.3	146.709616	158.3739825	Yes
0.678	87.9	144.8548646	158.1426925	Yes
0.613	91.8	144.0375611	153.9459789	Yes
0.608	95.6	143.8875148	154.1789564	Yes
0.606	96	143.9085582	146.6367964	Yes
0.63	96.8	143.9717192	148.2619957	Yes
0.585	84	146.3632375	164.2196935	Yes
0.556	74.44	153.2549389	168.172051	Yes
0.498	64	167.1413681	157.4372781	Yes
0.472	66.09	163.7192024	168.8259126	Yes
0.507	54.82	187.201438	161.4273708	Yes
0.445	30.94	142.8467989	137.3084984	Yes
0.351	38.31	153.8917847	140.8897485	Yes
0.532	12.99	129.4008722	130.2725666	Yes
0.627	7.159	128.1437882	131.3043769	Yes
0.541	8.03	128.2457345	134.901464	Yes
0.545	6.945	128.1232946	135.1967765	Yes
0.548	5.98	128.0531409	131.630773	Yes
0.567	3.703	128.0316898	131.6330213	Yes
0.494	3.732	128.0306916	132.5191044	Yes
0.453	352.6	130.8759536	136.7431418	Yes
0.344	349.1	132.8476073	161.9306313	Yes
0.251	351.9	131.2265166	159.3103787	Yes
0.294	360	128.4296876	161.9436849	Yes
0.327	9.38	128.4627926	134.6485421	Yes
0.326	7.917	128.230826	137.084865	Yes

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7.34
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2.672
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2.265
0.011
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2.14
5.071
4.578
9.24
0.028
0.58
0.116

9/11/2019	01:54	20.18	0.137
9/11/2019	01:55	20.15	0.167
9/11/2019	01:56	20.1	0.158
9/11/2019	01:57	20.08	0.102
9/11/2019	01:58	20.07	0.172
9/11/2019	01:59	20.05	0.203
9/11/2019	02:00	20.02	0.113
9/11/2019	02:01	19.99	0.068
9/11/2019	02:02	19.96	0.032
9/11/2019	02:03	19.93	0.033
9/11/2019	02:04	19.9	0.101
9/11/2019	02:05	19.89	0.112
9/11/2019	02:06	19.91	0.155
9/11/2019	02:07	19.94	0.216
9/11/2019	02:08	19.93	0.233
9/11/2019	02:09	19.91	0.195
9/11/2019	02:10	19.9	0.075
9/11/2019	02:11	19.86	0.127
9/11/2019	02:12	19.81	0.207
9/11/2019	02:13	19.78	0.253
9/11/2019	02:14	19.76	0.188
9/11/2019	02:15	19.74	0.129
9/11/2019	02:16	19.72	0.133
9/11/2019	02:17	19.71	0.158
9/11/2019	02:18	19.69	0.271
9/11/2019	02:19	19.68	0.201
9/11/2019	02:20	19.67	0.319
9/11/2019	02:21	19.65	0.297
9/11/2019	02:22	19.64	0.238
9/11/2019	02:23	19.63	0.122
9/11/2019	02:24	19.63	0.078
9/11/2019	02:25	19.62	0.086
9/11/2019	02:26	19.61	0.091
9/11/2019	02:27	19.61	0.088
9/11/2019	02:28	19.63	0.107
9/11/2019	02:29	19.63	0.138
9/11/2019	02:30	19.62	0.126
9/11/2019	02:31	19.62	0.157
9/11/2019	02:32	19.6	0.134
9/11/2019	02:33	19.59	0.047
9/11/2019	02:34	19.58	0.082
9/11/2019	02:35	19.57	0.067
9/11/2019	02:36	19.55	0.16
9/11/2019	02:37	19.53	0.242
9/11/2019	02:38	19.52	0.192
9/11/2019	02:39	19.51	0.198
9/11/2019	02:40	19.5	0.074
9/11/2019	02:41	19.49	0.026
9/11/2019	02:42	19.48	0.018
9/11/2019	02:43	19.46	0.069
9/11/2019	02:44	19.45	0.092

343.1	137.5898354	20.21	0.138
252.2	155.6067462	20.19	0.141
254	153.6927882	20.14	0.081
237.7	179.9029136	20.11	0.066
193.1	129.4377621	20.09	0.155
171.6	131.3833467	20.11	0.215
160.9	139.8069561	20.09	0.137
142.2	173.356455	20.06	0.092
175.1	129.7960751	20.03	0.05
259.3	149.1519294	20	0.048
96.4	143.936624	19.97	0.045
158.9	142.0699862	19.96	0.09
143.9	168.856618	19.99	0.129
138.5	184.6202228	20.05	0.188
157.3	144.0620273	20.07	0.249
143.9	168.856618	20.07	0.199
143.7	169.3661605	20.07	0.07
349.5	132.5941263	20.05	0.099
351.2	131.5986579	19.98	0.2
342.8	137.8760949	19.91	0.296
342.7	137.9726212	19.89	0.233
359.5	128.5248214	19.85	0.151
10.74	128.7545988	19.83	0.161
13.76	129.669593	19.8	0.182
14.43	129.9234527	19.77	0.307
355.6	129.6117355	19.74	0.266
6.502	128.0865683	19.72	0.39
0.332	128.3719943	19.7	0.37
2.165	128.1316948	19.68	0.271
354.1	130.1961465	19.66	0.138
356.7	129.2425815	19.65	0.095
272	144.0138522	19.64	0.093
258.6	149.6633025	19.64	0.091
288.9	148.4657012	19.64	0.104
323.8	169.1107479	19.66	0.133
278.4	144.18259	19.67	0.16
305.1	166.9692794	19.67	0.145
16.71	130.9296245	19.68	0.189
39.29	155.6911276	19.65	0.181
179.8	128.4665503	19.63	0.042
145	166.1438025	19.62	0.047
102.6	145.2794496	19.6	0.061
176.2	129.4042052	19.59	0.179
183.2	128.0542255	19.59	0.296
187.5	128.180153	19.6	0.23
203.9	135.6387698	19.57	0.265
185	128.0191197	19.58	0.111
0	128.4296876	19.56	0.031
0	128.4296876	19.55	0.019
317.5	188.0594614	19.52	0.076
311.4	179.6677453	19.51	0.104

325.5	164.9592071	20.46	0.195
240.4	173.943875	20.44	0.124
235.3	185.9112491	20.39	0.082
221.5	160.0831011	20.36	0.058
171.4	131.490113	20.34	0.12
158.4	142.6746234	20.33	0.194
148.6	158.2364782	20.32	0.128
129.8	176.0588609	20.3	0.088
155.3	146.7956779	20.28	0.086
196.4	130.7797169	20.25	0.085
79.39	149.0880471	20.23	0.068
136.2	192.385621	20.23	0.097
117.6	156.2898875	20.24	0.136
123.1	163.7036852	20.27	0.173
143.1	170.9259926	20.28	0.236
137.8	187.0083138	20.28	0.195
148.7	158.0363201	20.28	0.08
333.8	149.0360615	20.26	0.047
326.7	162.2336611	20.18	0.168
318	186.3168781	20.12	0.32
318	186.3168781	20.12	0.327
328.7	158.0363201	20.08	0.265
341.8	138.8665983	20.08	0.231
347.3	134.0817512	20.06	0.251
349.6	132.5319155	20.04	0.378
336.7	144.8528837	20.08	0.398
342.6	138.0697036	20.09	0.509
337.8	143.4215034	20.02	0.462
336.8	144.7193684	19.96	0.365
327.8	159.8738411	19.94	0.267
334	148.7274886	19.94	0.161
268.1	144.796372	19.93	0.124
246.7	162.7870502	19.9	0.132
278.3	144.1660972	19.9	0.16
305.9	168.3704292	19.92	0.203
260.8	148.1418203	19.92	0.246
286.6	147.0796431	19.92	0.234
346.2	134.9133063	19.92	0.244
8.01	128.2430592	19.92	0.232
17.49	131.3253807	19.91	0.095
94.6	143.8656	19.9	0.052
57.98	179.2473613	19.88	0.076
143.4	170.1401693	19.85	0.129
158.3	142.7974765	19.82	0.258
165	135.8898012	19.82	0.241
180.8	128.2980674	19.79	0.303
169.5	132.5941263	19.79	0.132
117.3	155.945431	19.77	0.061
0	128.4296876	19.75	0.065
278.8	144.2529947	19.74	0.096
269.7	144.3933148	19.73	0.155

334.2	148.4219956	20.69	0.239	335.7	146.2263702	20.9
271.6	144.0630334	20.67	0.167	299.4	158.4811294	20.86
293.5	152.0640803	20.63	0.153	314.7	192.5757179	20.81
276.7	143.962286	20.61	0.093	314.8	192.5757179	20.78
164.8	136.0597477	20.58	0.082	161.1	139.5939084	20.75
154	148.7274886	20.55	0.118	137.3	188.7697038	20.72
143.4	170.1401693	20.52	0.063	98	144.1192747	20.69
138.2	185.6327901	20.5	0.048	75.83	151.9464353	20.67
178.4	128.7691755	20.47	0.042	183.6	128.0355004	20.64
209.3	140.9079226	20.44	0.059	224.5	166.8688935	20.61
49.82	181.7411373	20.42	0.113	20.86	133.349861	20.6
105.3	146.4112828	20.42	0.129	71.7	156.1744239	20.59
97.7	144.0764313	20.42	0.181	74.11	153.582242	20.58
102.1	145.1070106	20.43	0.221	78.55	149.7008195	20.6
125.9	168.3704292	20.44	0.215	107.6	147.6498563	20.61
123.3	164.0155381	20.44	0.192	108.8	148.3999072	20.6
146.4	162.8998881	20.44	0.09	124.5	165.9547117	20.6
0.038	128.422863	20.42	0.044	323.3	170.4007875	20.58
330.7	154.2338617	20.39	0.115	332.2	151.6188155	20.55
314.9	192.5757179	20.33	0.265	312.9	192.5757179	20.53
317.4	188.4136263	20.31	0.315	321.2	176.1911131	20.51
325.7	164.4935779	20.3	0.297	331.4	152.989316	20.49
337.5	143.8038178	20.29	0.29	341.9	138.7650022	20.45
339.4	141.481181	20.27	0.329	341.3	139.3832047	20.42
350.1	132.2277664	20.28	0.475	345.1	135.8056071	20.41
338.5	142.5524154	20.32	0.475	337.2	144.1921397	20.45
340.2	140.5713153	20.35	0.616	339.3	141.5976893	20.5
331.1	153.51742	20.32	0.609	328.6	158.2364782	20.49
330.2	155.1495646	20.27	0.509	324.2	168.1018522	20.46
326.8	162.0137796	20.25	0.401	324.9	166.3842917	20.46
330.8	154.0534207	20.23	0.311	328	159.4584123	20.46
285.8	146.658692	20.21	0.199	306.2	168.9104738	20.44
275.5	143.8833505	20.18	0.172	288.9	148.4657012	20.39
294	152.5255981	20.16	0.209	300.6	160.0651457	20.37
308	172.3255294	20.16	0.267	310.1	176.7139881	20.36
275.5	143.8833505	20.16	0.311	283.5	145.6188708	20.34
292.8	151.441929	20.14	0.299	298.8	157.7265948	20.31
336.1	145.6685335	20.14	0.33	327.1	161.3606366	20.31
353.7	130.3680067	20.14	0.295	337.8	143.4215034	20.3
324.3	167.8527808	20.13	0.159	318.7	183.9540825	20.28
3.69	128.032148	20.12	0.107	344.8	136.0597477	20.26
8.09	128.2538547	20.1	0.122	358.8	128.6747234	20.26
132.4	182.0726285	20.08	0.082	141.1	176.4826621	20.23
150.2	155.1495646	20.04	0.199	159.1	141.8325805	20.19
157.8	143.4215034	20.02	0.183	162.4	138.2655439	20.15
176.5	129.3060009	20	0.305	174.8	129.9116845	20.12
179.3	128.565657	19.98	0.139	189.5	128.4855767	20.09
168	133.5834127	19.96	0.06	210.6	142.43085	20.07
205.2	136.7605319	19.94	0.092	230.1	182.6427564	20.05
243.3	168.3704292	19.93	0.143	246	163.8592137	20.04
254.6	153.0985737	19.93	0.182	248	160.8957315	20.04

0.333	5.133	128.0215394	145.0437895	Yes
0.227	342.2	138.4636301	154.1116828	Yes
0.274	345.2	135.7219305	163.9931532	Yes
0.174	356	129.4717308	161.1991499	Yes
0.084	62.3	170.2024087	141.356788	Yes
0.09	96.4	143.936624	151.0983573	Yes
0.131	65.23	165.0836859	155.4773129	Yes
0.147	46.33	171.5365878	171.7062258	Yes
0.073	34.68	147.9395472	136.2671952	Yes
0.071	17.71	131.4418485	143.8300622	Yes
0.246	30.4	142.1896378	150.0610614	Yes
0.185	52.43	190.6893804	165.5461388	Yes
0.241	60.33	174.0885483	159.3787454	Yes
0.269	68.83	159.7536546	160.5770785	Yes
0.223	90.4	144.2529947	155.05226	Yes
0.196	93	143.9217129	162.440418	Yes
0.113	75.72	152.0459183	161.6605997	Yes
0.105	30.25	142.010398	144.4928473	Yes
0.149	354.6	129.9908531	145.9351699	Yes
0.253	340.6	140.1309578	169.8950733	Yes
0.304	350.7	131.8778474	164.1544172	Yes
0.334	359.7	128.4855767	146.5059224	Yes
0.354	4.534	128.0160849	135.6412204	Yes
0.426	2.65	128.0901768	134.5411813	Yes
0.547	356.3	129.3710598	131.9719603	Yes
0.554	350.1	132.2277664	138.6873881	Yes
0.683	349.8	132.4088779	136.1468309	Yes
0.708	345.2	135.7219305	143.8538653	Yes
0.691	342.4	138.2655439	146.8736048	Yes
0.64	339	141.9509679	152.0838054	Yes
0.504	340	140.7951122	146.4554031	Yes
0.354	328.9	157.6389568	152.4036694	Yes
0.253	322.4	172.8067032	155.5212215	Yes
0.291	326.8	162.0137796	153.4472643	Yes
0.381	332.9	150.4634796	167.3968348	Yes
0.371	307.6	171.5400605	150.6733384	Yes
0.405	316.9	190.2134023	162.6861697	Yes
0.458	338.3	142.7974765	143.1339155	Yes
0.402	353.4	130.5013785	137.6450151	Yes
0.228	350.9	131.7648252	148.6727239	Yes
0.206	6.801	128.110514	140.4423624	Yes
0.215	12.12	129.1265869	142.1163952	Yes
0.072	80.3	148.4657012	161.3130733	Yes
0.15	172.8	130.7797169	139.7227128	Yes
0.145	179.6	128.5050003	134.8524004	Yes
0.276	186.4	128.0791994	130.2467444	Yes
0.116	208.1	139.5939084	131.4516776	Yes
0.036	248.3	160.4771641	144.1733091	Yes
0.087	264.3	146.2219614	144.496925	Yes
0.153	267.3	145.0412401	161.9166678	Yes
0.24	270.1	144.310461	156.4731653	Yes

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9/11/2019	02:47	19.47	0.283
9/11/2019	02:48	19.47	0.22
9/11/2019	02:49	19.47	0.217
9/11/2019	02:50	19.47	0.167
9/11/2019	02:51	19.46	0.097
9/11/2019	02:52	19.46	0.168
9/11/2019	02:53	19.46	0.212
9/11/2019	02:54	19.47	0.293
9/11/2019	02:55	19.45	0.308
9/11/2019	02:56	19.43	0.192
9/11/2019	02:57	19.41	0.242
9/11/2019	02:58	19.39	0.229
9/11/2019	02:59	19.38	0.278
9/11/2019	03:00	19.38	0.338
9/11/2019	03:01	19.39	0.405
9/11/2019	03:02	19.4	0.329
9/11/2019	03:03	19.41	0.259
9/11/2019	03:04	19.42	0.273
9/11/2019	03:05	19.44	0.323
9/11/2019	03:06	19.47	0.28
9/11/2019	03:07	19.48	0.279
9/11/2019	03:08	19.5	0.2
9/11/2019	03:09	19.51	0.152
9/11/2019	03:10	19.52	0.119
9/11/2019	03:11	19.52	0.135
9/11/2019	03:12	19.53	0.117
9/11/2019	03:13	19.52	0.094
9/11/2019	03:14	19.53	0.091
9/11/2019	03:15	19.54	0.078
9/11/2019	03:16	19.54	0.051
9/11/2019	03:17	19.53	0.028
9/11/2019	03:18	19.52	0.038
9/11/2019	03:19	19.53	0.131
9/11/2019	03:20	19.52	0.138
9/11/2019	03:21	19.52	0.153
9/11/2019	03:22	19.53	0.205
9/11/2019	03:23	19.55	0.264
9/11/2019	03:24	19.57	0.197
9/11/2019	03:25	19.59	0.204
9/11/2019	03:26	19.61	0.251
9/11/2019	03:27	19.63	0.254
9/11/2019	03:28	19.65	0.202
9/11/2019	03:29	19.66	0.229
9/11/2019	03:30	19.66	0.154
9/11/2019	03:31	19.66	0.13
9/11/2019	03:32	19.66	0.15
9/11/2019	03:33	19.66	0.059
9/11/2019	03:34	19.65	0.075
9/11/2019	03:35	19.64	0.118

317.6	187.7071962	19.52	0.094
331.9	152.1263931	19.52	0.214
331.3	153.1644801	19.53	0.341
327.1	161.3606366	19.52	0.294
327.7	160.0831011	19.5	0.258
320.6	177.9631823	19.49	0.213
253	154.7313813	19.48	0.131
213.8	146.6522652	19.47	0.203
210	141.7148217	19.48	0.257
165.7	135.3112579	19.5	0.348
156.9	144.586539	19.49	0.414
102.6	145.2794496	19.46	0.296
127.8	171.9308504	19.44	0.311
184.1	128.0208746	19.41	0.305
186.2	128.065931	19.4	0.394
156.2	145.5308449	19.41	0.453
159.2	141.7148217	19.42	0.531
145.9	164.0325631	19.43	0.434
148.3	158.8429179	19.44	0.38
165.4	135.5561236	19.45	0.356
167.4	134.0091067	19.48	0.4
161.5	139.1748294	19.5	0.364
147.1	161.3606366	19.51	0.343
148.6	158.2364782	19.52	0.279
143.6	169.6228634	19.53	0.237
107.3	147.4736091	19.54	0.176
64.46	166.3568673	19.55	0.181
48.85	178.7179292	19.56	0.167
36.57	150.9043502	19.56	0.144
74.31	153.3831025	19.56	0.13
58.58	177.8727826	19.57	0.11
64.81	165.77201	19.57	0.073
100	144.5069269	19.57	0.037
21.1	133.514148	19.56	0.058
59.67	175.4774848	19.56	0.153
39.59	156.2595858	19.57	0.186
51.16	186.1794758	19.56	0.24
50.25	183.1312615	19.56	0.282
57.74	179.8087067	19.58	0.293
69.75	158.5451195	19.6	0.256
86.3	145.3884291	19.63	0.274
88.4	144.7120259	19.65	0.322
87	145.1405816	19.68	0.307
93.2	143.9085582	19.69	0.253
88.6	144.6580519	19.7	0.244
62.67	169.5139244	19.7	0.212
83.2	146.7610226	19.7	0.181
73.19	154.5293425	19.7	0.201
71.37	156.5579152	19.7	0.105
39.73	156.5277613	19.69	0.096
39.59	156.2595858	19.69	0.163

277.1	144.0026586	19.74	0.162
298.6	157.480505	19.74	0.281
306.5	169.4586546	19.76	0.468
302.7	163.0894665	19.73	0.413
302.9	163.3950032	19.69	0.381
294	152.5255981	19.67	0.321
250.7	157.3584661	19.66	0.239
202.6	134.6039881	19.65	0.204
199.5	132.4701664	19.64	0.26
150.5	154.5974305	19.66	0.36
134.9	188.6345537	19.65	0.457
91.7	144.0500767	19.63	0.375
100.3	144.580468	19.61	0.331
155.8	146.0858429	19.57	0.361
162.3	138.3643054	19.54	0.458
135.4	190.048269	19.56	0.58
135.4	190.048269	19.58	0.699
120.9	160.4771641	19.58	0.577
123.1	163.7036852	19.58	0.514
138.9	183.2949574	19.6	0.466
142.3	173.0808789	19.64	0.536
136.4	192.0626612	19.65	0.482
128.8	173.943875	19.64	0.428
128.8	173.943875	19.64	0.417
119	157.9753829	19.64	0.341
90.6	144.2169051	19.65	0.246
47.67	175.2395703	19.66	0.264
33.77	146.6093831	19.69	0.245
22.43	134.4749388	19.7	0.22
49.68	181.295276	19.7	0.222
46.2	171.1905949	19.7	0.18
49.2	179.7911758	19.7	0.136
77.83	150.2558768	19.7	0.095
20.7	133.2418584	19.69	0.097
37.27	152.0752947	19.7	0.211
20.37	133.0229261	19.72	0.257
26.93	138.3940436	19.74	0.318
27.58	139.0509154	19.78	0.384
31.26	143.2451265	19.81	0.425
41.84	160.8023771	19.81	0.359
59.27	176.3415585	19.83	0.409
61.83	171.0954135	19.85	0.468
60.93	172.8645799	19.86	0.466
66.02	163.8280444	19.86	0.427
62.64	169.5692767	19.86	0.397
44.5	166.8688935	19.85	0.338
53.17	191.8809983	19.85	0.285
42.47	162.1675821	19.85	0.262
42.91	163.1466678	19.85	0.194
30.03	141.7500835	19.86	0.185
23.58	135.3761061	19.85	0.215

265.8	145.579304	19.93	0.186	268.1	144.796372	20.04
290.8	149.8141685	19.93	0.385	285.8	146.658692	20.05
298.9	157.8506504	19.94	0.533	288.6	148.2698482	20.06
296.6	155.1640479	19.92	0.533	290.3	149.4409821	20.06
299.1	158.1007946	19.88	0.492	293.9	152.4321413	20.07
292.6	151.2692438	19.86	0.438	291.2	150.1223115	20.12
270.3	144.2717056	19.85	0.347	275.8	143.897159	20.15
219.7	156.470139	19.83	0.26	240.9	172.92492	20.18
212.8	145.2575724	19.81	0.318	227.2	173.9118416	20.11
154	148.7274886	19.82	0.388	155.7	146.2263702	20.05
135	188.9144624	19.82	0.466	135	188.9144624	20.04
100	144.5069269	19.81	0.397	102.6	145.2794496	20.04
92.6	143.9532925	19.81	0.416	100.2	144.5555056	20.05
144.5	167.3583715	19.76	0.512	136.2	192.385621	20.01
151.6	152.6415793	19.72	0.54	148.4	158.6397721	19.96
129.5	175.4133646	19.76	0.698	130.8	178.2808867	19.98
130	176.4945334	19.79	0.832	129.9	176.2761595	20.01
118.1	156.8769637	19.8	0.667	118	156.7582401	20.03
117.2	155.8318976	19.82	0.661	116.2	154.7313813	20.13
129.8	176.0588609	19.83	0.66	126.2	168.9104738	20.18
135.3	189.7626755	19.89	0.713	132.3	181.8267455	20.21
128.7	173.7380647	19.87	0.66	126.7	169.8286827	20.17
124	165.1323684	19.84	0.574	120.1	159.3928048	20.15
121.6	161.4641376	19.84	0.551	120.4	159.7940691	20.13
114.6	153.0985737	19.83	0.457	111.6	150.439072	20.14
94.8	143.8664765	19.83	0.369	92.2	143.9919054	20.17
64.22	166.7639098	19.85	0.387	72.98	154.7527784	20.27
52.38	190.5059142	19.9	0.386	62.25	170.2964219	20.21
43.23	163.8722887	19.88	0.347	50.3	183.2949574	20.15
59.03	176.8682522	19.88	0.359	65.05	165.3768928	20.12
58.78	177.423568	19.88	0.318	67.77	161.2211147	20.13
60.91	172.9047967	19.88	0.276	66.6	162.9378699	20.15
70.79	157.2492019	19.88	0.216	72.59	155.1749925	20.19
39.28	155.6723236	19.88	0.196	47.58	174.9828444	20.17
44.27	166.3120187	19.89	0.328	43.08	163.5307167	20.13
31.78	143.9067801	19.9	0.326	23.33	135.1745359	20.12
29.8	141.481181	19.93	0.414	19.03	132.1860994	20.18
32.3	144.586539	19.99	0.504	21.25	133.6182247	20.25
34.87	148.2250642	20.02	0.571	24.7	136.3185854	20.26
43.47	164.4241328	20.02	0.521	39.1	155.335435	20.25
60.63	173.4720272	20.05	0.564	57.92	179.3870739	20.3
64.45	166.3737294	20.07	0.62	60.3	174.1507045	20.35
64.62	166.0882236	20.09	0.64	58.87	177.2228643	20.38
65.16	165.1973935	20.09	0.579	59.08	176.7580092	20.36
63.43	168.1389096	20.07	0.55	58.67	177.6700869	20.34
51.34	186.8001057	20.05	0.51	51.1	185.9739218	20.3
55.39	185.6727622	20.04	0.491	53.12	192.0289663	20.31
47.79	175.5837207	20.04	0.417	48.35	177.2181431	20.34
49.62	181.1051921	20.06	0.335	50.11	182.6752034	20.36
45.55	169.4943502	20.06	0.336	49.48	180.6639782	20.35
35.75	149.5835556	20.06	0.302	35.45	149.113689	20.34

0.275	280.5	144.6317408	153.3434543	Yes
0.381	290.4	149.5145601	151.1188637	Yes
0.569	293.3	151.8834871	156.1254241	Yes
0.588	298.1	156.8769637	157.1864193	Yes
0.644	303.5	164.3305874	159.6683255	Yes
0.554	310.6	177.8276612	161.9415994	Yes
0.428	302.5	162.7870502	152.6091524	Yes
0.26	278.7	144.234728	150.9772081	Yes
0.351	250.3	157.8506504	150.2410105	Yes
0.283	177	129.1505175	142.8026129	Yes
0.328	154.1	148.5743588	171.9248753	Yes
0.251	89.9	144.3509966	144.6933799	Yes
0.36	98.4	144.18259	149.8405413	Yes
0.552	145.1	165.9045121	159.9510444	Yes
0.62	150.4	154.7805667	146.4984309	Yes
0.613	141.9	174.1916691	172.6930069	Yes
0.826	137.7	187.3568179	174.3781203	Yes
0.769	123.8	164.8092124	160.5908287	Yes
0.747	123.6	164.489319	159.5198402	Yes
0.771	134.6	187.8032029	170.3247237	Yes
0.865	136.4	192.0626612	174.1484136	Yes
0.885	128.8	173.943875	169.7496226	Yes
0.843	125.2	167.1413681	165.3942106	Yes
0.742	122.7	163.0894665	163.3056053	Yes
0.649	114.2	152.7142528	156.7700289	Yes
0.493	101.3	144.8548646	144.8807521	Yes
0.45	89.5	144.4374183	161.5101088	Yes
0.526	81	148.0158154	166.8290928	Yes
0.488	72.45	155.3288773	157.5750825	Yes
0.516	81	148.0158154	164.9878678	Yes
0.483	81.3	147.8305829	167.1077286	Yes
0.422	78.72	149.5738029	166.195931	Yes
0.344	86.9	145.1746105	150.4723217	Yes
0.319	65.93	163.968557	152.2759463	Yes
0.393	55.24	186.0708364	168.6932703	Yes
0.429	38.92	155.0015278	144.6730711	Yes
0.557	36.55	150.8714895	149.8224579	Yes
0.656	37.72	152.8498079	150.6473497	Yes
0.724	38.18	153.6595768	152.2514119	Yes
0.705	52.49	190.910199	166.0034527	Yes
0.753	66.1	163.7036852	167.6585548	Yes
0.779	64.6	166.1216858	164.4907118	Yes
0.795	61.73	171.2881156	166.520873	Yes
0.752	60.8	173.1267013	164.5637413	Yes
0.726	64.17	166.8493301	165.3771311	Yes
0.697	60.13	174.504668	176.7323027	Yes
0.613	60.08	174.6093418	178.1906182	Yes
0.552	54.35	188.4951253	171.5987828	Yes
0.53	60.28	174.1921932	171.5354343	Yes
0.532	60.28	174.1921932	164.5256733	Yes
0.432	57.63	180.0682247	154.0802323	Yes

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9/11/2019	03:36	19.63	0.111
9/11/2019	03:37	19.62	0.102
9/11/2019	03:38	19.61	0.091
9/11/2019	03:39	19.6	0.089
9/11/2019	03:40	19.59	0.123
9/11/2019	03:41	19.59	0.156
9/11/2019	03:42	19.58	0.151
9/11/2019	03:43	19.58	0.212
9/11/2019	03:44	19.57	0.263
9/11/2019	03:45	19.56	0.285
9/11/2019	03:46	19.55	0.309
9/11/2019	03:47	19.56	0.239
9/11/2019	03:48	19.58	0.324
9/11/2019	03:49	19.6	0.296
9/11/2019	03:50	19.61	0.362
9/11/2019	03:51	19.61	0.335
9/11/2019	03:52	19.62	0.352
9/11/2019	03:53	19.64	0.374
9/11/2019	03:54	19.66	0.32
9/11/2019	03:55	19.68	0.373
9/11/2019	03:56	19.71	0.334
9/11/2019	03:57	19.74	0.354
9/11/2019	03:58	19.77	0.325
9/11/2019	03:59	19.79	0.289
9/11/2019	04:00	19.8	0.227
9/11/2019	04:01	19.8	0.267
9/11/2019	04:02	19.8	0.241
9/11/2019	04:03	19.79	0.274
9/11/2019	04:04	19.78	0.207
9/11/2019	04:05	19.78	0.233
9/11/2019	04:06	19.78	0.282
9/11/2019	04:07	19.78	0.157
9/11/2019	04:08	19.78	0.22
9/11/2019	04:09	19.77	0.173
9/11/2019	04:10	19.76	0.159
9/11/2019	04:11	19.75	0.197
9/11/2019	04:12	19.74	0.288
9/11/2019	04:13	19.73	0.187
9/11/2019	04:14	19.73	0.192
9/11/2019	04:15	19.72	0.162
9/11/2019	04:16	19.71	0.157
9/11/2019	04:17	19.7	0.121
9/11/2019	04:18	19.7	0.089
9/11/2019	04:19	19.71	0.225
9/11/2019	04:20	19.72	0.271
9/11/2019	04:21	19.72	0.197
9/11/2019	04:22	19.71	0.116
9/11/2019	04:23	19.7	0.063
9/11/2019	04:24	19.68	0.078
9/11/2019	04:25	19.66	0.068
9/11/2019	04:26	19.65	0.111

35.57	149.3007899	19.67	0.139
14.25	129.8534091	19.65	0.123
44.12	165.9522746	19.64	0.101
52.7	191.6887683	19.63	0.094
41.74	160.5895679	19.61	0.151
53.93	189.6772773	19.61	0.18
35.76	149.5993396	19.61	0.204
16.58	130.8662518	19.59	0.263
21.75	133.972967	19.57	0.352
26.67	138.1379931	19.56	0.383
40.33	157.6983114	19.56	0.406
57.5	180.3767538	19.58	0.312
52.66	191.5397816	19.6	0.379
53.68	190.392885	19.62	0.322
48.23	176.8639284	19.63	0.412
43.4	164.2624968	19.63	0.42
45.83	170.2182166	19.63	0.388
51.42	187.0778653	19.65	0.398
45.16	168.5029773	19.67	0.362
49.29	180.0703296	19.71	0.416
54.5	188.0789318	19.74	0.356
54.47	188.1619203	19.77	0.334
60.91	172.9047967	19.8	0.318
62.58	169.6802296	19.82	0.274
59.16	176.5821853	19.83	0.222
44.75	167.4815094	19.82	0.271
38.1	153.51742	19.81	0.264
51.34	186.8001057	19.79	0.294
53.25	191.6450264	19.79	0.307
43.75	165.0763413	19.79	0.328
47.92	175.9589519	19.79	0.308
30.26	142.022303	19.79	0.179
25.44	136.9773988	19.78	0.258
21.74	133.9657536	19.76	0.2
24.09	135.7972162	19.75	0.194
15.54	130.3855673	19.73	0.244
15.16	130.2214922	19.72	0.335
5.496	128.0316549	19.7	0.248
10.56	128.7117349	19.69	0.228
28.09	139.5833177	19.68	0.202
44.2	166.1438025	19.68	0.196
75.16	152.563143	19.68	0.136
96.3	143.9289489	19.68	0.092
81.6	147.6498563	19.71	0.223
93.2	143.9085582	19.74	0.301
96.8	143.9717192	19.76	0.225
104	145.823697	19.75	0.152
130.2	176.9345288	19.73	0.104
102.1	145.1070106	19.71	0.106
95.5	143.8833505	19.69	0.092
59	176.9345288	19.68	0.147

18.05	131.6260728	19.85	0.187
0.422	128.3571058	19.84	0.183
16.16	130.6665194	19.85	0.188
19.91	132.7262765	19.85	0.159
20.03	132.8027107	19.85	0.221
25.01	136.5910294	19.85	0.244
13.23	129.4820018	19.85	0.278
358.8	128.6747234	19.85	0.351
1.8	128.1690162	19.84	0.43
4.566	128.0160225	19.84	0.504
12.85	129.3546411	19.84	0.532
26.47	137.943605	19.86	0.442
24.73	136.3447291	19.88	0.499
27.27	138.7346347	19.9	0.471
19.51	132.4763205	19.89	0.523
15.96	130.5740865	19.87	0.538
18.44	131.8437517	19.86	0.531
18.53	131.8949561	19.88	0.532
17.18	131.1648955	19.9	0.497
18.92	132.121074	19.94	0.484
19.97	132.7644098	19.96	0.506
25.76	137.2713807	19.98	0.443
24.9	136.4937737	20	0.404
27.38	138.8462334	20	0.389
22.22	134.3174969	20	0.344
10.18	128.6255045	20	0.332
4.294	128.0178257	19.99	0.35
15	130.1542428	19.98	0.412
21.54	133.8225046	19.98	0.417
15.11	130.2003602	19.98	0.419
9.78	128.5409646	19.97	0.332
8.07	128.2511322	19.96	0.273
0.005	128.4287864	19.95	0.297
356.3	129.3710598	19.94	0.233
354	130.2384741	19.92	0.278
351.4	131.490113	19.92	0.346
350.3	132.1093104	19.91	0.45
344.9	135.9745142	19.9	0.354
347.1	134.2285045	19.89	0.336
0.14	128.4048271	19.88	0.268
14.64	130.0068886	19.87	0.273
39.1	155.335435	19.87	0.193
50.68	184.5532904	19.88	0.143
49.94	182.1259207	19.88	0.279
61.8	171.1531239	19.9	0.411
64.32	166.5937116	19.92	0.335
72.91	154.8278632	19.91	0.228
83.5	146.6082498	19.87	0.169
71.59	156.3014695	19.84	0.161
65.62	164.4575081	19.82	0.148
41.78	160.6745652	19.8	0.195

27.72	139.1955626	20.04	0.26	28.33	139.8391164	20.3
18.2	131.7089882	20.03	0.261	21.15	133.5487205	20.26
32.87	145.3528995	20.03	0.256	32.61	145.000546	20.26
25.69	137.2065985	20.04	0.251	25.88	137.3830557	20.25
28.58	140.1091914	20.04	0.314	27.75	139.2267058	20.25
32.45	144.7860401	20.05	0.327	27.68	139.1541194	20.25
21.27	133.6321831	20.05	0.37	18.82	132.0624377	20.25
7.166	128.1444888	20.06	0.416	6.149	128.0627977	20.23
9.03	128.3996008	20.07	0.508	4.283	128.0179594	20.25
6.267	128.0702018	20.09	0.613	1.667	128.1839143	20.28
17.77	131.4739849	20.11	0.647	8.33	128.2877529	20.31
27.13	138.5935973	20.13	0.581	15.18	130.2299746	20.33
27.67	139.143773	20.15	0.613	17.15	131.1495891	20.37
30.13	141.8680306	20.16	0.614	20.75	133.2754788	20.38
25.72	137.2343297	20.14	0.674	17.27	131.2110519	20.34
21.35	133.6882088	20.1	0.711	14.07	129.7847211	20.29
22.3	134.3772185	20.07	0.678	13.51	129.5796573	20.25
24.02	135.7386245	20.07	0.671	13.62	129.6189096	20.23
22.17	134.2803308	20.07	0.63	11.51	128.9526659	20.24
19.99	132.7771581	20.11	0.639	10.86	128.7838969	20.26
24.83	136.4322175	20.12	0.569	13.21	129.4751504	20.25
28.3	139.8069561	20.13	0.57	17.18	131.1648955	20.26
28.09	139.5833177	20.14	0.553	16.6	130.8759536	20.26
28.15	139.6469499	20.14	0.499	17.75	131.463255	20.27
27.22	138.6841362	20.14	0.401	17.46	131.3096647	20.27
14.72	130.0391616	20.14	0.436	7.05	128.1331257	20.25
8.03	128.2457345	20.14	0.454	0.666	128.3183511	20.25
18.23	131.7256922	20.14	0.516	6.668	128.0994307	20.26
23.04	134.9446784	20.14	0.543	9.27	128.4424091	20.26
19.62	132.5443207	20.14	0.514	5.454	128.0302215	20.26
12.11	129.1236139	20.12	0.456	1.348	128.2224778	20.23
11.73	129.0136517	20.1	0.35	0.99	128.2705202	20.2
3.015	128.0649989	20.09	0.388	355	129.8341932	20.19
351.6	131.3833467	20.08	0.32	346.8	134.4523139	20.18
357	129.1505175	20.07	0.353	349.4	132.6567999	20.18
351.8	131.2783518	20.08	0.45	346.3	134.8352272	20.19
350.7	131.8778474	20.08	0.556	345.1	135.8056071	20.18
345	135.8898012	20.07	0.468	341.6	139.0715101	20.17
347.7	133.7940871	20.05	0.414	343.7	137.032099	20.16
0.358	128.3676603	20.04	0.356	352.7	130.8276183	20.15
13.7	129.6477719	20.03	0.337	1.682	128.1821993	20.15
35.41	149.0515714	20.03	0.27	19.06	132.2039293	20.14
44.5	166.8688935	20.04	0.235	27.95	139.4356617	20.14
48.43	177.4555086	20.04	0.385	33.82	146.6808896	20.15
55.28	185.9643918	20.05	0.507	42.8	162.8998881	20.18
56.8	182.0726285	20.07	0.439	43.98	165.6189367	20.19
64.47	166.3400135	20.06	0.355	52.41	190.6159341	20.17
72.37	155.4173654	20.02	0.284	58.01	179.1776602	20.14
63.84	167.4185115	20	0.277	55.54	185.2776547	20.12
62.93	169.0376509	19.97	0.243	55.57	185.1989871	20.09
47.33	174.2758967	19.95	0.326	40.77	158.5790237	20.07

0.342	52.33	190.3229455	150.0568975	Yes
0.358	50.08	182.5779136	141.2092275	Yes
0.395	53.32	191.4393324	155.6823144	Yes
0.365	47.87	175.8143354	154.9638069	Yes
0.402	50.58	184.2196916	151.3895735	Yes
0.424	49.43	180.5071831	158.1431299	Yes
0.451	42.23	161.6424735	141.2836871	Yes
0.513	30.05	141.7736227	131.5043769	Yes
0.599	25.37	136.9138267	131.094674	Yes
0.674	24.35	136.0170658	131.6850395	Yes
0.734	27.3	138.7650022	137.1159385	Yes
0.738	31.28	143.2702443	146.082835	Yes
0.757	31.57	143.6374147	148.3630575	Yes
0.772	34.78	148.0894791	150.4721016	Yes
0.866	30.37	142.1536757	143.9878613	Yes
0.933	24.3	135.9745142	138.8568055	Yes
0.934	24.02	135.7386245	140.3514937	Yes
0.875	21.23	133.6042856	143.5869282	Yes
0.842	21.55	133.8296211	139.3460981	Yes
0.79	21.12	133.5279627	141.4560843	Yes
0.813	23.77	135.5314299	144.4564279	Yes
0.755	27.05	138.5135043	146.9837314	Yes
0.743	26.2	137.6847037	143.5085091	Yes
0.658	26.85	138.3148543	143.5903044	Yes
0.586	25.07	136.6443488	143.5075664	Yes
0.579	17.5	131.3306282	137.1219859	Yes
0.637	12.88	129.36448	133.4927623	Yes
0.738	16.17	130.6711863	141.4901316	Yes
0.736	16.87	131.0086324	143.9726502	Yes
0.698	14.2	129.8341932	137.1370874	Yes
0.6	9.53	128.4913621	138.0674741	Yes
0.602	12.08	129.1147194	131.3344653	Yes
0.528	2.382	128.1119806	130.2834716	Yes
0.451	357	129.1505175	131.6645983	Yes
0.55	4.151	128.0199309	131.1725877	Yes
0.606	1.518	128.2014292	131.2381377	Yes
0.739	359	128.6298991	131.7288312	Yes
0.688	357.4	129.0334674	133.6001896	Yes
0.611	359.5	128.5248214	132.4582494	Yes
0.517	5.435	128.0295957	131.0426038	Yes
0.469	12.45	129.2269823	136.6415289	Yes
0.354	24.89	136.4849641	145.1278086	Yes
0.299	25.92	137.4204551	154.4414499	Yes
0.456	30.6	142.43085	159.268605	Yes
0.592	36.58	150.9207928	162.9693509	Yes
0.539	38.48	154.1977021	162.4909396	Yes
0.417	42.02	161.1880983	163.7591212	Yes
0.329	45.3	168.856618	165.3988844	Yes
0.321	44.35	166.504988	164.1219269	Yes
0.29	44.36	166.5291635	165.821332	Yes
0.383	37	151.6188155	164.416566	Yes

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9/11/2019	04:31	19.6	0.176
9/11/2019	04:32	19.58	0.146
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9/11/2019	04:35	19.54	0.067
9/11/2019	04:36	19.53	0.061
9/11/2019	04:37	19.51	0.122
9/11/2019	04:38	19.51	0.202
9/11/2019	04:39	19.52	0.14
9/11/2019	04:40	19.51	0.137
9/11/2019	04:41	19.49	0.149
9/11/2019	04:42	19.47	0.118
9/11/2019	04:43	19.46	0.139
9/11/2019	04:44	19.45	0.112
9/11/2019	04:45	19.44	0.053
9/11/2019	04:46	19.43	0.077
9/11/2019	04:47	19.42	0.07
9/11/2019	04:48	19.4	0.092
9/11/2019	04:49	19.39	0.118
9/11/2019	04:50	19.38	0.036
9/11/2019	04:51	19.36	0.031
9/11/2019	04:52	19.34	0.023
9/11/2019	04:53	19.32	0.061
9/11/2019	04:54	19.31	0.119
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9/11/2019	04:56	19.28	0.035
9/11/2019	04:57	19.27	0.043
9/11/2019	04:58	19.27	0.069
9/11/2019	04:59	19.29	0.108
9/11/2019	05:00	19.31	0.133
9/11/2019	05:01	19.32	0.153
9/11/2019	05:02	19.33	0.151
9/11/2019	05:03	19.32	0.169
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9/11/2019	05:05	19.32	0.161
9/11/2019	05:06	19.32	0.141
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9/11/2019	05:09	19.29	0.122
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9/11/2019	05:11	19.27	0.107
9/11/2019	05:12	19.26	0.137
9/11/2019	05:13	19.24	0.227
9/11/2019	05:14	19.23	0.191
9/11/2019	05:15	19.23	0.185
9/11/2019	05:16	19.23	0.128
9/11/2019	05:17	19.23	0.105

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64.92	165.5903198	19.64	0.193
59.5	175.8426324	19.63	0.181
97.9	144.1045518	19.62	0.189
110.9	149.8904009	19.63	0.233
111	149.967168	19.63	0.197
62.16	170.4662351	19.61	0.121
33.02	145.5583263	19.59	0.107
23.49	135.3031748	19.58	0.081
31.83	143.971349	19.56	0.091
48.23	176.8639284	19.54	0.162
68.33	160.4356688	19.55	0.233
97.6	144.0630334	19.57	0.2
144.9	166.3842917	19.56	0.187
172.9	130.7322487	19.54	0.183
150.2	155.1495646	19.52	0.181
144	168.6037636	19.51	0.21
158.5	142.5524154	19.5	0.153
138	186.3168781	19.48	0.096
73.52	154.1837061	19.47	0.099
27.05	138.5135043	19.45	0.08
346.5	134.6805694	19.44	0.091
347.1	134.2285045	19.42	0.121
12	129.0911795	19.4	0.052
11	128.8188092	19.38	0.049
8.33	128.2877529	19.36	0.043
53.57	190.7106188	19.34	0.084
39.21	155.5409554	19.33	0.15
25	136.5821614	19.32	0.061
37.5	152.4689987	19.31	0.064
97.7	144.0764313	19.31	0.07
93.6	143.8875148	19.34	0.104
132.6	182.5680669	19.38	0.147
115.4	153.8956445	19.4	0.183
74.67	153.0306393	19.41	0.222
82.3	147.2455367	19.41	0.24
83.7	146.5088075	19.4	0.26
71.37	156.5579152	19.39	0.215
58.6	177.8276612	19.38	0.246
73.33	154.3818943	19.38	0.214
81.1	147.9535689	19.36	0.158
43.5	164.4935779	19.36	0.154
37.33	152.1775676	19.34	0.168
51.22	186.3856894	19.33	0.16
33.79	146.6379639	19.32	0.151
358.5	128.7449612	19.31	0.166
19.25	132.3178067	19.28	0.271
355.7	129.5761138	19.26	0.251
330.6	154.4151969	19.25	0.212
343.2	137.4955162	19.26	0.171
346.5	134.6805694	19.27	0.154

38.08	153.4819687	19.78	0.275
41.59	160.2723218	19.78	0.294
39.13	155.3913754	19.78	0.272
64.55	166.2054889	19.77	0.265
79.33	149.1305883	19.77	0.313
81.2	147.8918251	19.75	0.318
50.62	184.3529189	19.73	0.235
35.36	148.9740992	19.72	0.168
10.29	128.6498722	19.71	0.149
21	133.4453614	19.7	0.137
30.92	142.8221248	19.69	0.221
42.53	162.2998385	19.72	0.319
63.51	167.9971816	19.74	0.297
106.2	146.8652868	19.73	0.241
140.2	179.1755005	19.69	0.231
124.4	165.7885774	19.67	0.201
118.4	157.2370948	19.66	0.271
128.5	173.3294827	19.64	0.213
117.7	156.4059988	19.61	0.134
67.15	162.117895	19.6	0.154
22.83	134.7808698	19.58	0.106
338.9	142.0699862	19.57	0.092
331.3	153.1644801	19.56	0.122
6.436	128.0817537	19.56	0.089
13.67	129.6369174	19.55	0.08
356.2	129.4042052	19.54	0.066
27.42	138.8869862	19.53	0.106
16.35	130.7559287	19.55	0.182
6.478	128.0847978	19.55	0.089
28.59	140.1200716	19.56	0.108
80.8	148.1418203	19.56	0.14
70.74	157.3098376	19.59	0.183
94.3	143.8675721	19.6	0.214
86.3	145.3884291	19.6	0.241
56.47	182.8927479	19.6	0.327
57.48	180.4243962	19.6	0.384
58.75	177.4906677	19.59	0.422
51.01	185.6668215	19.57	0.344
41.3	159.6656133	19.56	0.343
47.25	174.0515766	19.55	0.287
54.18	188.970613	19.53	0.295
36.05	150.0605198	19.52	0.245
25.03	136.6087813	19.5	0.261
37.47	152.417391	19.5	0.24
23.01	134.9211418	19.51	0.223
350.2	132.1683105	19.5	0.197
4.3	128.0177548	19.48	0.307
345.4	135.5561236	19.5	0.285
315.1	192.5757179	19.52	0.291
317.5	188.0594614	19.56	0.277
320.6	177.9631823	19.59	0.253

42.78	162.8551638	19.93	0.419	36.88	151.4178917	20.07
44.78	167.5555404	19.93	0.428	37.17	151.9055148	20.04
41.77	160.6533001	19.93	0.384	32.27	144.5468235	20.03
58.02	179.1544495	19.93	0.376	50.82	185.0233127	20.02
71	156.9963458	19.91	0.409	61.96	170.846325	20.01
73.64	154.0596687	19.89	0.408	63.82	167.453311	19.99
57.02	181.5332901	19.88	0.391	52.35	190.3960734	19.99
45.74	169.984429	19.88	0.351	43.37	164.1933965	20.01
33.72	146.5380578	19.87	0.31	33.02	145.5583263	20.03
29.43	141.0554897	19.85	0.29	33.92	146.8244478	20.01
39.12	155.3727194	19.85	0.38	30.17	141.9153855	20.01
44.65	167.2355419	19.87	0.452	35.75	149.5835556	20.04
54.39	188.3838341	19.89	0.423	46.76	172.6974231	20.1
83.8	146.4598058	19.88	0.354	70.63	157.4438231	20.09
118.4	157.2370948	19.85	0.307	95.2	143.8734887	20.02
103.9	145.7817973	19.83	0.313	86.7	145.2440439	19.99
107.9	147.8305829	19.81	0.349	95.4	143.8796248	19.96
122.4	162.6370044	19.79	0.305	108.3	148.0785655	19.94
109.9	149.1519294	19.77	0.256	89.2	144.5069269	19.92
75.92	151.8655531	19.77	0.261	66.96	162.3985334	19.95
53.08	192.1476105	19.75	0.217	55.89	184.3671389	19.95
15.56	130.3943733	19.74	0.177	28.99	140.560189	19.98
5.96	128.0520719	19.75	0.166	19.79	132.6505117	20.03
36.92	151.4847333	19.75	0.189	53	192.385621	20.04
32.9	145.3938588	19.76	0.191	55.71	184.8334221	20.06
16.86	131.0036617	19.75	0.143	50.83	185.0570197	20.07
31.23	143.207499	19.74	0.211	55.03	186.6331714	20.06
37.06	151.7197274	19.76	0.281	49.37	180.3195691	20.06
41.92	160.9733845	19.78	0.19	60.2	174.3585583	20.06
51.13	186.0766165	19.78	0.223	65.7	164.3305874	20.05
81.7	147.5906108	19.8	0.281	83.4	146.658692	20.04
76.64	151.234975	19.82	0.311	79.17	149.2449511	20.03
84.7	146.0402375	19.82	0.332	81.9	147.4736091	20
81.1	147.9535689	19.8	0.374	77.63	150.4150141	19.99
64.42	166.424367	19.8	0.447	58.76	177.4682901	19.98
61.42	171.891597	19.8	0.509	57.1	181.3386201	20.01
63.68	167.6978854	19.81	0.579	58.97	177.0009036	20.1
56.86	181.9249525	19.79	0.489	53.63	190.537091	20.06
48.47	177.5745599	19.76	0.542	46.48	171.9386546	20.01
49.6	181.0419634	19.75	0.487	49.08	179.4210017	20.01
56.28	183.3710664	19.73	0.46	52.87	192.3256044	19.98
45.79	170.1141798	19.71	0.425	46.78	172.7520354	19.94
39.68	156.4317715	19.68	0.393	39.73	156.5277613	19.9
46.47	171.9117549	19.68	0.404	48.52	177.7237208	19.89
39.59	156.2595858	19.68	0.344	45.36	169.0089424	19.88
10.81	128.7716191	19.67	0.251	27.86	139.3413439	19.86
18.78	132.0391103	19.66	0.396	22.77	134.7344726	19.9
3.121	128.0586625	19.7	0.384	7.954	128.2356522	19.98
330.5	154.5974305	19.72	0.317	339.9	140.9079226	19.98
325.8	164.2624968	19.76	0.327	338.7	142.3099249	19.96
333.7	149.1915112	19.8	0.307	343.5	137.2158368	19.94

0.479	35.82	149.694209	159.6801639	Yes
0.453	36.37	150.5772109	159.1801815	Yes
0.435	35.45	149.113689	157.1095641	Yes
0.425	48.27	176.9817563	170.2939118	Yes
0.519	63.27	168.4240706	159.0575461	Yes
0.554	64.22	166.7639098	157.2271765	Yes
0.57	54.43	188.2727659	183.0042567	Yes
0.516	44.03	165.7377185	158.8895939	Yes
0.475	37.67	152.7628955	141.7624653	Yes
0.439	37.3	152.1263931	143.4846082	Yes
0.513	35.85	149.7417505	153.3431817	Yes
0.584	38.9	154.96461	158.9038429	Yes
0.521	46.85	172.9436165	169.2170177	Yes
0.411	58.88	177.2006189	158.8707653	Yes
0.363	78.5	149.7384694	152.1513604	Yes
0.359	79.48	149.024587	152.197714	Yes
0.382	87.5	144.9772949	152.5056722	Yes
0.299	95	143.869106	154.0933148	Yes
0.278	79.19	149.2305825	157.1224631	Yes
0.339	64.5	166.2895033	159.3710382	Yes
0.278	57.25	180.9756864	166.156962	Yes
0.251	58.21	178.715618	145.2841472	Yes
0.281	59.44	175.9722414	144.8135619	Yes
0.333	72.17	155.6403566	151.3367288	Yes
0.316	76.3	151.5291125	148.042424	Yes
0.256	85.7	145.6188708	143.8743021	Yes
0.281	82.2	147.3018158	161.3480182	Yes
0.357	72.8	154.9464686	154.6565298	Yes
0.3	81.4	147.7698413	149.5537487	Yes
0.343	79.99	148.6729147	158.3338378	Yes
0.377	88	144.8253918	146.2585892	Yes
0.413	82.7	147.0253234	149.7405204	Yes
0.45	82.3	147.2455367	153.4390045	Yes
0.507	76.55	151.3122053	149.7929724	Yes
0.599	64.77	165.8383297	169.1308748	Yes
0.718	66.2	163.5489495	168.8898199	Yes
0.807	68.65	159.9971076	165.7390744	Yes
0.697	63.85	167.4011249	176.417581	Yes
0.708	59.85	175.0941838	172.4201346	Yes
0.709	60.83	173.0660621	172.3924996	Yes
0.69	63.3	168.3704292	176.1982564	Yes
0.666	60.3	174.1507045	166.3142035	Yes
0.611	56.82	182.0233543	156.7538472	Yes
0.578	61.13	172.4645926	172.1806297	Yes
0.529	61.17	172.3850689	155.8425406	Yes
0.329	53.1	192.0882584	144.2228986	Yes
0.546	41.63	160.3566907	137.493167	Yes
0.478	35.44	149.098148	134.10494	Yes
0.387	17.87	131.5279011	154.8048338	Yes
0.341	8.15	128.2621166	152.0779032	Yes
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9/11/2019	05:23	19.28	0.227
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9/11/2019	05:25	19.26	0.21
9/11/2019	05:26	19.24	0.133
9/11/2019	05:27	19.23	0.159
9/11/2019	05:28	19.24	0.163
9/11/2019	05:29	19.27	0.173
9/11/2019	05:30	19.28	0.175
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9/11/2019	05:32	19.24	0.157
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9/11/2019	05:34	19.22	0.099
9/11/2019	05:35	19.2	0.092
9/11/2019	05:36	19.18	0.144
9/11/2019	05:37	19.15	0.167
9/11/2019	05:38	19.12	0.231
9/11/2019	05:39	19.11	0.271
9/11/2019	05:40	19.1	0.202
9/11/2019	05:41	19.1	0.197
9/11/2019	05:42	19.1	0.183
9/11/2019	05:43	19.09	0.197
9/11/2019	05:44	19.11	0.17
9/11/2019	05:45	19.14	0.162
9/11/2019	05:46	19.15	0.148
9/11/2019	05:47	19.15	0.189
9/11/2019	05:48	19.16	0.223
9/11/2019	05:49	19.16	0.235
9/11/2019	05:50	19.14	0.214
9/11/2019	05:51	19.12	0.242
9/11/2019	05:52	19.11	0.22
9/11/2019	05:53	19.1	0.198
9/11/2019	05:54	19.09	0.125
9/11/2019	05:55	19.09	0.078
9/11/2019	05:56	19.08	0.073
9/11/2019	05:57	19.07	0.063
9/11/2019	05:58	19.06	0.045
9/11/2019	05:59	19.04	0.118
9/11/2019	06:00	19.02	0.131
9/11/2019	06:01	19.01	0.108
9/11/2019	06:02	19	0.131
9/11/2019	06:03	19	0.072
9/11/2019	06:04	18.98	0.041
9/11/2019	06:05	18.97	0.073
9/11/2019	06:06	18.95	0.104
9/11/2019	06:07	18.92	0.119
9/11/2019	06:08	18.91	0.198

350.7	131.8778474	19.28	0.16
353.9	130.2812262	19.31	0.203
339.5	141.3652945	19.32	0.226
325.4	165.1937679	19.32	0.294
323.8	169.1107479	19.33	0.364
336.8	144.7193684	19.35	0.285
354.7	129.9510588	19.33	0.27
3.084	128.0608244	19.31	0.26
27.99	139.4777323	19.29	0.207
43.85	165.3114876	19.27	0.231
58.26	178.6008191	19.28	0.24
97.5	144.0500767	19.32	0.264
134.4	187.2558705	19.35	0.267
138.9	183.2949574	19.34	0.285
117	155.6067462	19.33	0.255
124.2	165.4588142	19.32	0.205
111.9	150.682349	19.31	0.176
44.77	167.530851	19.28	0.13
25.78	137.2899388	19.25	0.198
23.67	135.4494505	19.22	0.247
15.08	130.1877319	19.17	0.32
359	128.6298991	19.14	0.353
350.1	132.2277664	19.12	0.229
347.8	133.7233811	19.11	0.241
24.04	135.7553391	19.11	0.294
38.75	154.6888855	19.12	0.287
59.43	175.9938802	19.13	0.262
76.25	151.5729151	19.18	0.239
86.5	145.3153153	19.2	0.234
78.25	149.9287175	19.21	0.306
71	156.9963458	19.22	0.346
77.53	150.4953974	19.22	0.363
95.3	143.8763375	19.19	0.373
92	144.0138522	19.16	0.404
92.1	144.0026586	19.13	0.372
85.5	145.6994008	19.11	0.32
67.59	161.4785001	19.11	0.231
27.75	139.2267058	19.1	0.136
357.1	129.120645	19.09	0.102
17.81	131.495498	19.07	0.1
338.6	142.43085	19.06	0.065
198	131.5986579	19.04	0.125
184.6	128.016	19.02	0.148
165.5	135.4739906	19.01	0.117
158.7	142.3099249	19.01	0.157
151	153.695204	19.02	0.106
107	147.3018158	19.01	0.064
13.74	129.6623027	19	0.067
15.6	130.4120364	18.98	0.105
14.34	129.8882612	18.96	0.135
342.1	138.5635199	18.94	0.222

325.8	164.2624968	19.65	0.252
323.8	169.1107479	19.68	0.31
313.2	192.5757179	19.66	0.341
304.9	166.6276829	19.66	0.442
297.5	156.1744239	19.65	0.502
308.4	173.1267013	19.63	0.431
323.7	169.3661605	19.57	0.391
338.9	142.0699862	19.55	0.359
356.1	129.4377621	19.56	0.298
17.24	131.1956269	19.56	0.294
32.5	144.8528837	19.58	0.321
62.89	169.110523	19.6	0.367
93	143.9217129	19.59	0.369
102.6	145.2794496	19.56	0.364
85.2	145.823697	19.54	0.365
86.1	145.4633897	19.52	0.304
78.94	149.4116985	19.49	0.259
33.84	146.709543	19.44	0.184
13.22	129.478574	19.41	0.249
5.664	128.0380767	19.39	0.315
359	128.6298991	19.37	0.385
339.4	141.481181	19.35	0.446
328.1	159.2522329	19.33	0.354
326.5	162.6767095	19.33	0.358
358.6	128.7211479	19.34	0.367
17.4	131.2783518	19.35	0.379
35.58	149.3164325	19.37	0.352
45.5	169.3661605	19.4	0.319
57.17	181.1689155	19.41	0.308
50.98	185.5647816	19.41	0.423
48.97	179.0837007	19.41	0.496
54.26	188.7463486	19.39	0.515
66.44	163.1807988	19.34	0.523
63.97	167.1931633	19.29	0.552
67.48	161.6369825	19.24	0.524
59.66	175.4988794	19.21	0.419
54.93	186.9030305	19.21	0.338
16.13	130.6525446	19.2	0.191
359.6	128.5050003	19.2	0.154
358.2	128.8188092	19.19	0.152
328.1	159.2522329	19.18	0.108
180.8	128.2980674	19.15	0.11
164.9	135.9745142	19.12	0.149
138	186.3168781	19.11	0.129
134.7	188.0789318	19.11	0.174
126.4	169.2750169	19.12	0.127
86.1	145.4633897	19.12	0.083
359.4	128.5450401	19.11	0.066
8.56	128.3223688	19.11	0.115
7.507	128.1809473	19.12	0.157
320.7	177.6640101	19.13	0.249

330.7	154.2338617	19.83	0.288	336.6	144.9870876	19.93
320.3	178.8700569	19.85	0.354	324.1	168.3521774	19.94
312.3	192.5757179	19.85	0.439	312.9	192.5757179	19.97
307.1	170.5798662	19.86	0.546	305.9	168.3704292	19.99
295.3	153.7939153	19.86	0.563	295.8	154.3086209	19.99
301.5	161.3209223	19.84	0.529	300.5	159.929249	19.96
317.1	189.4876488	19.81	0.532	312.5	192.5757179	19.96
332.7	150.7894808	19.81	0.525	324.5	167.3583715	19.98
349.9	132.3480491	19.84	0.443	339.9	140.9079226	20
12.58	129.2677528	19.84	0.425	0.153	128.402558	19.98
30.19	141.9391008	19.85	0.474	18.92	132.121074	20
53.74	190.2203166	19.84	0.508	44.17	166.0718898	19.99
73.49	154.2148524	19.82	0.472	58.5	178.0537144	19.98
83.6	146.5582885	19.78	0.457	66.83	162.5921412	19.95
74.42	153.2745911	19.75	0.452	57.28	180.9034226	19.94
74.97	152.7427519	19.74	0.404	56.77	182.1466313	19.91
71.1	156.8769637	19.7	0.353	56.78	182.1219515	19.87
49.53	180.8211837	19.64	0.319	43.99	165.6426694	19.81
28.97	140.5379547	19.6	0.343	18.85	132.0799809	19.76
13.2	129.4717308	19.58	0.445	6.366	128.0768334	19.72
6.149	128.0627977	19.54	0.509	360	128.4296876	19.68
345.4	135.5561236	19.53	0.581	344.7	136.145503	19.67
329.4	156.6625457	19.52	0.472	329.3	156.8559046	19.68
329.5	156.470139	19.53	0.497	327.3	160.9305691	19.69
359.7	128.4855767	19.54	0.521	342.9	137.780123	19.69
16.03	130.6062421	19.54	0.507	1.403	128.2155437	19.67
28.63	140.1636522	19.55	0.465	15.55	130.3899682	19.67
42.25	161.6859944	19.57	0.428	31.8	143.9325875	19.7
52.12	189.559871	19.58	0.46	38.27	153.820177	19.72
50.83	185.0570197	19.57	0.557	37.42	152.3315486	19.72
49.9	181.9973899	19.57	0.629	37.03	151.6692339	19.72
54.33	188.5508547	19.56	0.672	41.18	159.4170949	19.73
64.15	166.8835583	19.51	0.647	50.33	183.3933826	19.68
62.98	168.9467649	19.44	0.637	51.1	185.9739218	19.59
65.95	163.9372762	19.4	0.596	55.17	186.2576265	19.55
62.65	169.5508168	19.37	0.569	50.65	184.453025	19.53
55.67	184.9376093	19.35	0.444	46.46	171.8848687	19.53
31.82	143.9584218	19.35	0.285	27.93	139.4146615	19.56
18.64	131.9580356	19.34	0.231	18.42	131.8324225	19.6
10.36	128.6656306	19.34	0.199	8.33	128.2877529	19.61
339.8	141.0213439	19.32	0.157	355.3	129.7210908	19.59
179.3	128.565657	19.3	0.077	126	168.5495467	19.55
158.2	142.9209771	19.27	0.082	144.7	166.8688935	19.51
119.1	158.1007946	19.25	0.122	92.7	143.9447385	19.46
120.9	160.4771641	19.24	0.215	110.1	149.2954063	19.43
108.3	148.0785655	19.25	0.219	91.9	144.0254863	19.42
81.1	147.9535689	19.25	0.171	72.2	155.6067462	19.41
29.85	141.5393573	19.25	0.121	42.86	163.0343281	19.42
39.26	155.6347435	19.25	0.206	34.47	147.6271377	19.44
33.67	146.4669134	19.28	0.266	34.98	148.3916147	19.49
336.2	145.5308449	19.31	0.28	337.1	144.3229273	19.49

0.344	3.867	128.0264767	144.6775541	Yes
0.387	351.6	131.3833467	155.599511	Yes
0.424	340.3	140.4603245	171.9105545	Yes
0.542	325	166.1438025	167.3831097	Yes
0.582	316	192.5757179	165.1926852	Yes
0.627	318.3	185.293471	164.8779424	Yes
0.63	331	153.695204	167.015158	Yes
0.663	344.7	136.145503	144.8848332	Yes
0.574	358.1	128.8442293	134.2031391	Yes
0.605	13.75	129.6659458	136.7686742	Yes
0.617	29.18	140.7726232	147.6573002	Yes
0.644	43.13	163.6442911	166.6194194	Yes
0.595	51.77	188.3071766	170.3506654	Yes
0.554	55.53	185.3039034	164.605748	Yes
0.518	47.45	174.6141025	162.0445119	Yes
0.465	46.4	171.7238383	163.5070851	Yes
0.454	46.23	171.2702373	162.07264	Yes
0.429	41.54	160.1670952	164.1742685	Yes
0.497	30.57	142.3945054	136.3561907	Yes
0.599	25.73	137.2435843	131.6559352	Yes
0.666	13.18	129.4649041	128.9550041	Yes
0.757	358.8	128.6747234	134.097486	Yes
0.668	342.8	137.8760949	148.5749089	Yes
0.677	345.1	135.8056071	149.9212812	Yes
0.606	354.3	130.1127622	132.1709898	Yes
0.593	7.234	128.1513952	134.5880837	Yes
0.621	18.41	131.8267646	145.5381395	Yes
0.55	31.3	143.2953883	153.9706092	Yes
0.54	39.95	156.9529426	165.3634443	Yes
0.671	39.78	156.6239884	165.9012112	Yes
0.792	40.72	158.4779763	165.6449293	Yes
0.853	45	168.1018522	171.0623096	Yes
0.837	53.32	191.4393324	169.7546819	Yes
0.865	55.62	185.0681354	170.2391675	Yes
0.849	60.12	174.5255821	166.0720252	Yes
0.796	57.25	180.9756864	171.2355617	Yes
0.709	56.03	184.0073504	177.8422718	Yes
0.535	53.2	191.7923969	149.0089461	Yes
0.466	51.7	188.0594614	141.895113	Yes
0.365	46.88	173.025932	138.0587245	Yes
0.256	42.75	162.7881604	147.0427356	Yes
0.159	67.61	161.4497825	143.6923423	Yes
0.145	92.7	143.9447385	143.5450247	Yes
0.23	84.8	145.9959883	153.966478	Yes
0.278	99.8	144.4601404	156.9243135	Yes
0.334	83.1	146.8129126	152.3774371	Yes
0.319	76.09	151.7140307	149.6079103	Yes
0.281	66.64	162.8774489	145.1316954	Yes
0.315	61.28	172.1671888	146.8326951	Yes
0.376	57.66	179.997307	146.5850087	Yes
0.289	24.39	136.0512009	148.4265006	Yes

6.995
4.488
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9.88
13.79

9/11/2019	06:09	18.9	0.092
9/11/2019	06:10	18.9	0.11
9/11/2019	06:11	18.9	0.068
9/11/2019	06:12	18.89	0.069
9/11/2019	06:13	18.86	0.069
9/11/2019	06:14	18.84	0.027
9/11/2019	06:15	18.82	0.059
9/11/2019	06:16	18.83	0.138
9/11/2019	06:17	18.9	0.184
9/11/2019	06:18	18.92	0.119
9/11/2019	06:19	18.91	0.09
9/11/2019	06:20	18.9	0.072
9/11/2019	06:21	18.88	0.159
9/11/2019	06:22	18.83	0.109
9/11/2019	06:23	18.8	0.143
9/11/2019	06:24	18.78	0.121
9/11/2019	06:25	18.78	0.122
9/11/2019	06:26	18.77	0.112
9/11/2019	06:27	18.75	0.112
9/11/2019	06:28	18.74	0.11
9/11/2019	06:29	18.72	0.057
9/11/2019	06:30	18.74	0.176
9/11/2019	06:31	18.79	0.229
9/11/2019	06:32	18.78	0.287
9/11/2019	06:33	18.76	0.178
9/11/2019	06:34	18.74	0.122
9/11/2019	06:35	18.72	0.137
9/11/2019	06:36	18.69	0.148
9/11/2019	06:37	18.67	0.055
9/11/2019	06:38	18.67	0.101
9/11/2019	06:39	18.66	0.092
9/11/2019	06:40	18.65	0.066
9/11/2019	06:41	18.64	0.075
9/11/2019	06:42	18.62	0.104
9/11/2019	06:43	18.62	0.158
9/11/2019	06:44	18.63	0.221
9/11/2019	06:45	18.64	0.222
9/11/2019	06:46	18.66	0.178
9/11/2019	06:47	18.66	0.263
9/11/2019	06:48	18.68	0.254
9/11/2019	06:49	18.72	0.193
9/11/2019	06:50	18.76	0.09
9/11/2019	06:51	18.82	0.126
9/11/2019	06:52	18.92	0.243
9/11/2019	06:53	19.03	0.27
9/11/2019	06:54	19.09	0.272
9/11/2019	06:55	19.15	0.284
9/11/2019	06:56	19.22	0.197
9/11/2019	06:57	19.29	0.217
9/11/2019	06:58	19.37	0.196
9/11/2019	06:59	19.46	0.107

43.88	165.3822605	18.93	0.136
67.86	161.093325	18.94	0.161
53.52	190.8556269	18.95	0.121
277.4	144.0375611	18.95	0.088
263.7	146.5088075	18.91	0.076
0	128.4296876	18.89	0.02
144.7	166.8688935	18.87	0.069
134.3	186.9842516	18.9	0.181
132.8	183.0684457	18.99	0.258
143.4	170.1401693	19.06	0.212
111.1	150.0444711	19.07	0.157
43.55	164.6095507	19.05	0.096
36.51	150.8058662	19.01	0.231
34.57	147.7754919	18.96	0.215
33.83	146.6952127	18.92	0.249
42.25	161.6859944	18.89	0.22
40.03	157.1087025	18.87	0.201
27.41	138.8767894	18.85	0.198
5.219	128.0234712	18.82	0.151
255.7	152.0640803	18.79	0.129
170.3	132.1093104	18.76	0.043
137.9	186.6616714	18.8	0.234
139	182.967997	18.9	0.361
134.7	188.0789318	18.95	0.453
163	137.6847037	18.95	0.269
198.2	131.7089882	18.88	0.171
231	185.6327901	18.82	0.205
231.4	187.0083138	18.76	0.241
175.6	129.6117355	18.73	0.104
109	148.5320061	18.72	0.145
99.5	144.3933148	18.73	0.136
176.5	129.3060009	18.72	0.096
265.3	145.7817973	18.7	0.097
335.8	146.0858429	18.68	0.123
348.7	133.1085592	18.65	0.177
353.4	130.5013785	18.65	0.272
358.7	128.6977354	18.67	0.279
5.666	128.0381598	18.69	0.238
19.25	132.3178067	18.72	0.331
27.66	139.1334324	18.75	0.368
41.78	160.6745652	18.8	0.301
41.83	160.7810488	18.85	0.168
55.83	184.5221028	18.92	0.177
67.83	161.1358549	19.03	0.374
74.92	152.7903671	19.15	0.417
81.5	147.7095994	19.19	0.472
98.5	144.1995259	19.24	0.416
100.6	144.6580519	19.31	0.338
92.3	143.9815923	19.38	0.37
76.21	151.6080585	19.45	0.211
16.23	130.6992782	19.54	0.13

10.28	128.6476369	19.13	0.169
41.93	160.9948081	19.14	0.204
31.36	143.3709783	19.18	0.192
292	150.7645356	19.18	0.093
241.9	170.9610894	19.15	0.063
0	128.4296876	19.14	0.077
98	144.1192747	19.13	0.133
91.6	144.0630334	19.16	0.218
93.6	143.8875148	19.22	0.286
100.6	144.6580519	19.26	0.237
79.43	149.0597905	19.26	0.212
38.72	154.6339854	19.24	0.146
22.48	134.5127459	19.19	0.293
25.94	137.4391876	19.18	0.326
19.4	132.4088779	19.16	0.353
27.6	139.0715101	19.14	0.331
21.69	133.9297596	19.15	0.297
13.05	129.4209322	19.12	0.279
349	132.9121422	19.09	0.22
249	159.5258496	19.05	0.096
112.3	151.0143979	19.04	0.098
93.6	143.8875148	19.08	0.288
98.6	144.2169051	19.15	0.377
99.8	144.4601404	19.2	0.477
129.8	176.0588609	19.2	0.312
166.2	134.9133063	19.11	0.208
210.8	142.6746234	19.02	0.215
207.6	139.0715101	18.92	0.276
157.8	143.4215034	18.88	0.174
94.5	143.8658191	18.91	0.163
84.6	146.0849588	18.95	0.124
139.4	181.6772422	18.97	0.111
243.7	167.6628412	18.94	0.069
300.6	160.0651457	18.89	0.093
317.6	187.7071962	18.84	0.167
324.8	166.6259865	18.82	0.293
333.1	150.1407104	18.85	0.297
342.1	138.5635199	18.93	0.274
357.3	129.0621204	18.99	0.385
4.365	128.0170768	19.03	0.447
20.29	132.9706237	19.08	0.421
27.26	138.7245236	19.11	0.274
32.14	144.375432	19.15	0.254
43.33	164.1014231	19.25	0.48
51.93	188.8769019	19.32	0.59
55.81	184.5738603	19.32	0.615
70.32	157.8257852	19.34	0.6
73.53	154.1733362	19.38	0.507
72.07	155.7528046	19.42	0.514
47.84	175.7277438	19.47	0.35
2.697	128.0866425	19.54	0.215

14.99	130.1500757	19.3	0.247	12.38	129.2053151	19.49
42.87	163.0567737	19.32	0.317	44.75	167.4815094	19.5
40.45	157.9366111	19.36	0.291	43.6	164.7258126	19.52
349.1	132.8476073	19.37	0.159	24.81	136.4146776	19.52
326.9	161.7949854	19.36	0.1	9.19	128.4278861	19.51
48.9	178.8700569	19.34	0.18	41.64	160.377809	19.51
68.42	160.311575	19.34	0.22	47.98	176.1329831	19.51
76.47	151.3812345	19.37	0.267	57	181.5820782	19.52
79.07	149.3171086	19.4	0.337	68.05	160.8255123	19.53
79.95	148.7000113	19.42	0.302	67.85	161.1074943	19.53
67.74	161.2638448	19.41	0.291	54.16	189.02682	19.53
52.1	189.4876488	19.4	0.278	41.43	159.9365105	19.53
42.92	163.1691692	19.38	0.44	32.88	145.3665456	19.51
30.87	142.7605527	19.39	0.457	27.22	138.6841362	19.51
28.1	139.5939084	19.38	0.496	22.93	134.8585983	19.52
32.05	144.2574489	19.4	0.497	24.13	135.830811	19.57
27.11	138.57354	19.44	0.457	17.35	131.2523791	19.68
17.7	131.436508	19.38	0.422	8.36	128.2921497	19.73
2.85	128.0757357	19.34	0.374	1.689	128.181402	19.67
312.9	192.5757179	19.31	0.153	348	133.5834127	19.63
38.04	153.4111711	19.3	0.216	18.07	131.63707	19.63
73.59	154.1112445	19.34	0.347	50.09	182.6103265	19.7
80.6	148.2698482	19.4	0.422	62.16	170.4662351	19.78
84.5	146.1301527	19.45	0.515	68.02	160.8676218	19.8
107	147.3018158	19.44	0.404	90.1	144.310461	19.79
140	179.7911758	19.38	0.25	109.4	148.802358	19.72
196.2	130.6852129	19.3	0.241	166.4	134.7576487	19.68
187.5	128.180153	19.17	0.329	177.7	128.9499403	19.49
151.8	152.2972712	19.15	0.2	143.1	170.9259926	19.46
100	144.5069269	19.16	0.182	76.71	151.1752192	19.48
96	143.9085582	19.19	0.166	69.85	158.4173114	19.51
127.4	171.1531239	19.2	0.142	105.8	146.658692	19.49
217.6	152.6415793	19.17	0.092	151.4	152.989316	19.47
309.1	174.5674412	19.15	0.053	309.4	175.2003149	19.42
321	176.7757169	19.1	0.14	331.4	152.989316	19.37
324.8	166.6259865	19.05	0.234	334.9	147.3766469	19.34
337.2	144.1921397	19.07	0.304	340.9	139.8069561	19.34
350.8	131.8211113	19.15	0.357	338.8	142.1896378	19.42
353	130.6852129	19.23	0.456	350.3	132.1093104	19.45
1.167	128.2461371	19.25	0.542	352.2	131.0736496	19.44
15.42	130.33309	19.3	0.545	1.9	128.1582717	19.5
19.74	132.6191402	19.33	0.432	2.5	128.1020341	19.62
29	140.5713153	19.38	0.425	11.46	128.9390786	19.66
40.57	158.176327	19.46	0.597	27.05	138.5135043	19.72
53.35	191.3514004	19.48	0.707	37.55	152.5551821	19.72
56.92	181.777715	19.46	0.761	43.9	165.4295013	19.78
68.8	159.7940691	19.48	0.673	55.07	186.5256047	19.85
72.62	155.1421774	19.49	0.554	58.16	178.8307008	19.78
72.33	155.461761	19.51	0.542	58.08	179.0154258	19.75
55.95	184.212637	19.55	0.406	43.64	164.8190309	19.78
20.66	133.2150473	19.58	0.198	16.43	130.7940418	19.76

0.295	44.39	166.6017625	143.9974101	Yes
0.385	60.21	174.3377267	165.3928286	Yes
0.348	57.32	180.8072376	167.5392533	Yes
0.208	42.85	163.0118936	145.415255	Yes
0.167	28.22	139.7214547	149.4828446	Yes
0.236	44.88	167.8031164	152.7820715	Yes
0.252	47.53	174.8407299	164.4546912	Yes
0.294	64.3	166.6276829	166.1276561	Yes
0.386	74.45	153.2451217	158.0687406	Yes
0.378	74.52	153.1765671	155.5564588	Yes
0.379	62.22	170.352942	163.9495737	Yes
0.364	53.67	190.4216971	171.8178785	Yes
0.526	46.85	172.9436165	153.3595887	Yes
0.496	42.1	161.3606366	145.604001	Yes
0.593	37.93	153.2171987	141.3547592	Yes
0.56	33.72	146.5380578	145.4767644	Yes
0.539	27.82	139.2995761	140.0327915	Yes
0.571	25.9	137.4017445	133.0856248	Yes
0.594	24.57	136.2058431	130.6797188	Yes
0.381	14.53	129.962953	153.5424027	Yes
0.419	19.28	132.3359384	140.1015775	Yes
0.496	44.89	167.8279424	167.0197399	Yes
0.575	56.27	183.3963663	165.8634703	Yes
0.666	65.42	164.7770766	160.8627846	Yes
0.517	79.87	148.7544518	150.8220586	Yes
0.3	83.2	146.7610226	148.3953702	Yes
0.226	121.2	160.8957315	150.9292013	Yes
0.163	154.1	148.5743588	146.3568552	Yes
0.121	88.4	144.7120259	148.1937057	Yes
0.255	62.77	169.3300123	151.4819967	Yes
0.231	57.38	180.6633167	154.693492	Yes
0.164	78.46	149.7686851	155.7127488	Yes
0.141	105.9	146.709616	153.15703	Yes
0.121	59.18	176.5383377	166.4914165	Yes
0.149	33.23	145.8485836	159.2858744	Yes
0.282	350	132.2876789	148.6835354	Yes
0.34	355.8	129.5409061	138.4756895	Yes
0.413	358.3	128.7937914	133.8812441	Yes
0.525	5.084	128.0205676	130.4390036	Yes
0.627	5.3	128.0255546	130.8991701	Yes
0.686	18.28	131.7536219	136.7780345	Yes
0.58	15.02	130.1625896	138.0778673	Yes
0.545	20.63	133.1949887	146.3205835	Yes
0.701	37.08	151.7534315	154.7361081	Yes
0.854	47.44	174.5858392	172.0319381	Yes
0.928	53.32	191.4393324	174.1860017	Yes
0.895	59.53	175.7779717	164.8245913	Yes
0.8	63.78	167.5230145	160.0654562	Yes
0.739	64.73	165.9047833	160.0232734	Yes
0.64	58.07	179.0385678	171.0812076	Yes
0.377	37.78	152.9543872	135.1498794	Yes

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9/11/2019	07:01	19.64	0.192
9/11/2019	07:02	19.76	0.162
9/11/2019	07:03	19.89	0.151
9/11/2019	07:04	20.01	0.076
9/11/2019	07:05	20.11	0.089
9/11/2019	07:06	20.22	0.152
9/11/2019	07:07	20.35	0.15
9/11/2019	07:08	20.51	0.221
9/11/2019	07:09	20.66	0.093
9/11/2019	07:10	20.84	0.08
9/11/2019	07:11	21.02	0.102
9/11/2019	07:12	21.18	0.191
9/11/2019	07:13	21.32	0.191
9/11/2019	07:14	21.44	0.237
9/11/2019	07:15	21.53	0.254
9/11/2019	07:16	21.64	0.28
9/11/2019	07:17	21.72	0.255
9/11/2019	07:18	21.85	0.141
9/11/2019	07:19	22	0.221
9/11/2019	07:20	22.16	0.112
9/11/2019	07:21	22.37	0.117
9/11/2019	07:22	22.55	0.164
9/11/2019	07:23	22.7	0.228
9/11/2019	07:24	22.87	0.222
9/11/2019	07:25	22.97	0.276
9/11/2019	07:26	23.09	0.255
9/11/2019	07:27	23.16	0.288
9/11/2019	07:28	23.24	0.268
9/11/2019	07:29	23.37	0.155
9/11/2019	07:30	23.54	0.168
9/11/2019	07:31	23.77	0.097
9/11/2019	07:32	23.96	0.193
9/11/2019	07:33	24.11	0.224
9/11/2019	07:34	24.29	0.198
9/11/2019	07:35	24.4	0.226
9/11/2019	07:36	24.45	0.309
9/11/2019	07:37	24.42	0.333
9/11/2019	07:38	24.34	0.291
9/11/2019	07:39	24.36	0.321
9/11/2019	07:40	24.35	0.354
9/11/2019	07:41	24.33	0.395
9/11/2019	07:42	24.28	0.712
9/11/2019	07:43	24.17	0.48
9/11/2019	07:44	24.15	0.546
9/11/2019	07:45	24.09	0.822
9/11/2019	07:46	23.98	0.822
9/11/2019	07:47	23.98	0.605
9/11/2019	07:48	23.99	0.532
9/11/2019	07:49	24.07	0.521
9/11/2019	07:50	24.18	0.412

357.2	129.0911795	19.64	0.17
8.08	128.2524915	19.76	0.227
40.76	158.5587943	19.89	0.263
41.53	160.1460811	20.03	0.235
355	129.8341932	20.16	0.09
341.9	138.7650022	20.29	0.106
348.4	133.3092177	20.41	0.159
41.69	160.4835575	20.54	0.178
44.91	167.8776318	20.7	0.294
76.74	151.149693	20.85	0.134
121	160.6159553	21.03	0.111
149.8	155.8985853	21.21	0.104
165.8	135.2306555	21.36	0.17
165.5	135.4739906	21.48	0.177
143.7	169.3661605	21.58	0.274
135.8	191.2051427	21.64	0.266
161.5	139.1748294	21.71	0.31
157.4	143.9325875	21.78	0.254
116.6	155.1640479	21.9	0.174
108.9	148.4657012	22.04	0.213
101.1	144.796372	22.19	0.098
84.7	146.0402375	22.4	0.139
94.6	143.8656	22.57	0.152
114.1	152.6196347	22.69	0.202
102.9	145.3884291	22.85	0.208
122.1	162.1914802	22.92	0.27
164	136.7605319	23.03	0.306
138.7	183.9540825	23.11	0.331
127.3	170.9610894	23.19	0.298
140.1	179.4825368	23.31	0.192
130.7	178.0537144	23.49	0.186
129.4	175.2003149	23.72	0.096
84.5	146.1301527	23.94	0.184
87.4	145.0090396	24.06	0.205
113	151.6168585	24.23	0.195
187.9	128.2286266	24.34	0.255
148.5	158.4376272	24.39	0.346
199.5	132.4701664	24.38	0.414
178.5	128.7449612	24.31	0.351
160.2	140.5713153	24.34	0.362
139.2	182.3192244	24.35	0.406
155.9	145.9460296	24.31	0.517
152.5	151.1187431	24.24	0.853
174.6	129.9908531	24.12	0.622
168.7	133.1085592	24.1	0.723
159	141.9509679	24.05	0.897
170.5	131.9926732	23.94	1.008
147.7	160.0831011	23.94	0.763
170.3	132.1093104	23.96	0.647
175	129.8341932	24.05	0.653
182.1	128.1379589	24.17	0.512

345.4	135.5561236	19.62	0.213
346.3	134.8352272	19.7	0.25
18.71	131.998462	19.79	0.33
22.84	134.7886201	19.89	0.283
340	140.7951122	20.01	0.132
321.9	174.1916691	20.12	0.148
324.4	167.6049563	20.23	0.201
15.71	130.4609627	20.35	0.217
21.25	133.6182247	20.47	0.326
40.43	157.8967964	20.59	0.209
89.8	144.3719327	20.75	0.151
124.3	165.6232794	20.92	0.126
138.2	185.6327901	21.06	0.218
135.2	189.4785153	21.16	0.278
126.2	168.9104738	21.24	0.338
119.6	158.7381263	21.3	0.319
138.1	185.9739218	21.35	0.39
137.1	189.4876488	21.42	0.243
92.4	143.9717192	21.52	0.188
79.17	149.2449511	21.65	0.24
73.68	154.0185172	21.8	0.1
55.02	186.6600966	21.99	0.15
72.77	154.9789462	22.16	0.187
96.1	143.914916	22.3	0.202
81.8	147.531862	22.46	0.236
108.6	148.2698482	22.53	0.302
143.9	168.856618	22.63	0.335
122.2	162.3392225	22.69	0.364
103.7	145.6994008	22.77	0.299
117.6	156.2898875	22.89	0.194
108.8	148.3999072	23.04	0.178
102.2	145.1405816	23.24	0.115
60.6	173.5332689	23.41	0.269
57.51	180.3529503	23.53	0.228
93.3	143.9026392	23.69	0.228
155.1	147.0846926	23.8	0.368
123.5	164.3305874	23.85	0.365
171.4	131.490113	23.82	0.63
150.6	154.4151969	23.74	0.583
131.2	179.2008824	23.8	0.502
114.7	153.1961245	23.82	0.528
127.7	171.7349716	23.79	0.664
131.4	179.6677453	23.73	1.031
151.6	152.6415793	23.65	0.859
141.1	176.4826621	23.63	1.011
135.7	190.9137326	23.59	1.195
144.9	166.3842917	23.51	1.184
119.8	158.9978987	23.52	1.02
149.2	157.0502204	23.55	0.964
150.4	154.7805667	23.62	0.913
157	144.4543929	23.73	0.822

346.7	134.5279034	19.63	0.255	353	130.6852129	19.8
347.5	133.9369487	19.68	0.342	352.8	130.7797169	19.87
20.98	133.4316613	19.74	0.426	6.6	128.0940314	19.94
23.48	135.2950968	19.81	0.423	9.13	128.4171603	20.03
344.3	136.4937737	19.9	0.23	350.3	132.1093104	20.14
332.7	150.7894808	19.99	0.208	337.7	143.5482783	20.26
327.8	159.8738411	20.09	0.278	338.4	142.6746234	20.37
13.8	129.6842235	20.19	0.308	3.048	128.0629792	20.48
23.11	134.9997731	20.29	0.477	6.083	128.0588936	20.58
37	151.6188155	20.39	0.291	22.12	134.2432875	20.67
73.43	154.2773098	20.53	0.176	60.93	172.8645799	20.79
106.7	147.1344513	20.69	0.169	95.1	143.8710782	20.93
125.4	167.4881453	20.84	0.237	117.7	156.4059988	21.04
125.1	166.9692794	20.95	0.347	118.4	157.2370948	21.13
117.5	156.1744239	21.02	0.436	116.6	155.1640479	21.18
108.5	148.2055809	21.08	0.448	109.7	149.010542	21.22
122.6	162.9378699	21.14	0.439	122.8	163.2418433	21.25
124.1	165.2951784	21.2	0.372	121	160.6159553	21.32
84.9	145.9522103	21.3	0.317	86	145.5015641	21.41
84.9	145.9522103	21.43	0.384	82.6	147.0796431	21.53
64.18	166.8322289	21.58	0.207	66.4	163.2418433	21.66
56.36	183.169119	21.75	0.255	69.2	159.2604663	21.82
71.4	156.5227599	21.91	0.3	69.66	158.6607367	21.97
89.2	144.5069269	22.05	0.327	89.7	144.3933148	22.11
78.07	150.0677667	22.2	0.331	78.56	149.6933055	22.26
97.1	144.0026586	22.28	0.479	96	143.9085582	22.36
132.5	182.3197334	22.38	0.453	124.4	165.7885774	22.44
121.1	160.7554768	22.42	0.479	120.7	160.201762	22.48
102.2	145.1405816	22.51	0.439	96.8	143.9717192	22.58
113.1	151.7051686	22.62	0.362	102.1	145.1070106	22.7
115.7	154.2044642	22.74	0.27	110.1	149.2954063	22.83
97.2	144.0138522	22.92	0.174	92.1	144.0026586	23.02
58.26	178.6008191	23.09	0.274	55.98	184.1355588	23.19
52.56	191.1687332	23.2	0.31	56.57	182.6428075	23.31
85	145.9089029	23.34	0.275	86.2	145.4256783	23.45
154.1	148.5743588	23.45	0.337	142.1	173.6334397	23.56
124.4	165.7885774	23.5	0.489	123.3	164.0155381	23.6
163.1	137.5898354	23.47	0.552	159.6	141.2500277	23.54
156.3	145.3938588	23.41	0.506	144.6	167.1130196	23.48
136.5	191.6887683	23.45	0.47	126.9	170.2024087	23.57
120.3	159.6596036	23.48	0.618	113.9	152.4321413	23.6
129.2	174.7773583	23.48	0.715	121.3	161.0367221	23.6
133.6	185.120437	23.44	1.193	127.1	170.5798662	23.52
157.2	144.1921397	23.38	0.811	143.8	169.1107479	23.45
143.2	170.6627261	23.37	0.993	136	191.7923969	23.43
137.6	187.7071962	23.35	1.335	130.6	177.8276612	23.39
142.8	171.7238383	23.29	1.34	136.3	192.4386028	23.33
127.7	171.7349716	23.3	1.213	118.6	157.480505	23.35
153.6	149.347741	23.35	0.901	141.2	176.1911131	23.4
154.1	148.5743588	23.42	0.891	142.5	172.5339195	23.46
152.9	150.4634796	23.51	0.687	142.9	171.4565408	23.55

0.306	17.23	131.190494	132.2101827	Yes
0.334	11.64	128.9884661	131.3585701	Yes
0.472	27.66	139.1334324	138.2432763	Yes
0.465	33.31	145.9599789	140.9213874	Yes
0.294	16.69	130.919827	134.0304433	Yes
0.291	0.835	128.292886	147.1174633	Yes
0.36	1.174	128.2451982	146.3415673	Yes
0.392	17.23	131.190494	135.9764434	Yes
0.501	25.74	137.2528443	140.3614735	Yes
0.401	41.17	159.3964515	150.8610088	Yes
0.291	61.56	171.6179091	160.7495373	Yes
0.233	88.2	144.7678047	151.4590398	Yes
0.311	109.2	148.6661534	158.6847486	Yes
0.462	119.1	158.1007946	161.4519349	Yes
0.562	120.2	159.5258496	161.8281911	Yes
0.525	116.4	154.9464686	160.4211721	Yes
0.515	124	165.1323684	163.2921665	Yes
0.503	121.7	161.6081001	164.187894	Yes
0.393	98	144.1192747	146.9417632	Yes
0.467	90.7	144.1995259	146.9884063	Yes
0.325	83.7	146.5088075	155.0795538	Yes
0.346	85.4	145.7403654	164.174057	Yes
0.346	84.2	146.2685776	152.0593241	Yes
0.405	100.2	144.5555056	145.9980596	Yes
0.389	93.6	143.8875148	147.3137756	Yes
0.493	103.2	145.5015641	148.7748219	Yes
0.547	131.2	179.2008824	166.5852686	Yes
0.665	124	165.1323684	166.4765824	Yes
0.471	105.7	146.6082498	150.4762082	Yes
0.4	111.5	150.3590693	156.5887346	Yes
0.307	122	162.0444998	158.3995984	Yes
0.256	99.9	144.4833098	150.5681434	Yes
0.287	60.55	173.6355403	171.207068	Yes
0.307	67.53	161.5648327	172.1476727	Yes
0.31	100.3	144.580468	146.2869094	Yes
0.36	141.6	175.0397923	154.512182	Yes
0.508	131.6	180.1392477	166.5423156	Yes
0.681	159.7	141.1353782	136.7871041	Yes
0.564	154.6	147.8201441	148.6974361	Yes
0.531	135.4	190.048269	174.3423288	Yes
0.672	124	165.1323684	162.5478924	Yes
0.731	129.8	176.0588609	165.9107885	Yes
1.353	135.1	189.1957803	175.1365144	Yes
0.909	152.9	150.4634796	149.2797599	Yes
1.231	140.7	177.6640101	169.9420709	Yes
1.636	138.7	183.9540825	176.4707281	Yes
1.493	141.7	174.7556358	167.4590084	Yes
1.342	127.9	172.1277015	164.0848356	Yes
1.084	151	153.695204	153.6787178	Yes
1.121	151.5	152.8150171	151.7076111	Yes
0.847	150.3	154.96461	149.8953964	Yes

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9/11/2019	07:55	24.55	0.529
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9/11/2019	08:12	24.94	0.773
9/11/2019	08:13	24.99	1.046
9/11/2019	08:14	25	1.139
9/11/2019	08:15	25.08	0.963
9/11/2019	08:16	25.18	1.262
9/11/2019	08:17	25.18	1.24
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9/11/2019	08:19	25.3	0.898
9/11/2019	08:20	25.36	0.909
9/11/2019	08:21	25.4	1.215
9/11/2019	08:22	25.38	1.252
9/11/2019	08:23	25.36	1.271
9/11/2019	08:24	25.32	0.984
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9/11/2019	08:26	25.48	0.922
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9/11/2019	08:28	25.81	0.903
9/11/2019	08:29	25.99	1.027
9/11/2019	08:30	26.02	1.084
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9/11/2019	08:32	26.15	1.137
9/11/2019	08:33	26.15	1.385
9/11/2019	08:34	26.13	1.012
9/11/2019	08:35	26.19	1.199
9/11/2019	08:36	26.23	1.141
9/11/2019	08:37	26.3	1.194
9/11/2019	08:38	26.43	1.009
9/11/2019	08:39	26.59	1.032
9/11/2019	08:40	26.78	0.957
9/11/2019	08:41	26.9	0.962

169.8	132.4088779	24.28	0.626
155.5	146.5095784	24.41	0.695
156.9	144.586539	24.51	0.864
165.7	135.3112579	24.53	0.745
170.4	132.0507649	24.58	0.665
179.7	128.4855767	24.61	0.771
167	134.3026158	24.71	0.784
164.7	136.145503	24.79	0.759
168	133.5834127	24.83	0.875
156.9	144.586539	24.92	0.853
169.7	132.4701664	24.98	0.985
185	128.0191197	24.88	1.229
187.6	128.1916822	24.74	0.998
175.5	129.6477719	24.75	0.901
178.5	128.7449612	24.81	1.082
178.7	128.6977354	24.84	1.115
177.4	129.0334674	24.89	1.21
187	128.1283904	24.88	1.33
176.8	129.2114853	24.89	1.236
200.8	133.3092177	24.91	1.086
193.2	129.4717308	24.89	1.094
201.6	133.8652759	24.98	1.028
207.2	138.6639767	25.04	1.211
199.5	132.4701664	25.04	1.304
217	151.6188155	25.12	1.175
221.4	159.8738411	25.22	1.518
217.7	152.8150171	25.2	1.407
223.1	163.5761126	25.22	1.277
197.8	131.490113	25.31	1.037
184.2	128.0191197	25.4	0.992
207.6	139.0715101	25.44	1.401
202	134.1548834	25.41	1.459
190.4	128.6747234	25.39	1.402
199	132.1683105	25.35	1.234
189.6	128.5050003	25.44	1.186
191.7	129.00522	25.55	1.007
199.4	132.4088779	25.71	1.055
182.9	128.0723698	25.91	0.968
185.6	128.0355004	26.11	1.108
202.1	134.2285045	26.12	1.268
191.2	128.870052	26.12	1.18
187.1	128.1379589	26.22	1.128
200	132.7835393	26.22	1.423
200.1	132.8476073	26.2	1.187
210.5	142.3099249	26.27	1.331
208.1	139.5939084	26.32	1.215
205.4	136.9410396	26.39	1.272
190.8	128.7691755	26.53	0.969
216.4	150.6260744	26.71	1.201
191.1	128.8442293	26.92	1.048
223.5	164.4935779	27.03	1.021

138.9	183.2949574	23.81	0.816
131.7	180.3767538	23.93	0.833
133.7	185.382728	24.01	1.082
143.3	170.4007875	24.02	1.124
144.7	166.8688935	24.06	0.987
150.7	154.2338617	24.09	1.064
139	182.967997	24.17	0.927
147.3	160.9305691	24.23	1.101
140.4	178.5661959	24.26	1.159
135.6	190.6237893	24.33	0.927
149	157.4417417	24.39	1.326
163.2	137.4955162	24.3	1.669
163.5	137.2158368	24.19	1.488
151.9	152.1263931	24.23	1.196
151.9	152.1263931	24.31	1.32
154.4	148.1195561	24.33	1.417
157.7	143.5482783	24.38	1.622
158	143.1699306	24.37	1.531
151.9	152.1263931	24.38	1.551
175.4	129.6842235	24.42	1.409
168.5	133.2418584	24.43	1.352
177.8	128.9229071	24.52	1.308
180.9	128.2833916	24.58	1.656
174.1	130.1961465	24.59	1.555
195.9	130.5466922	24.69	1.251
195.6	130.4120364	24.79	1.675
191.7	129.00522	24.77	1.634
200.2	132.9121422	24.79	1.516
173.5	130.4564935	24.87	1.205
165.2	135.7219305	24.92	1.308
184.6	128.016	24.94	1.739
173.5	130.4564935	24.93	1.744
167.4	134.0091067	24.91	1.825
174.8	129.9116845	24.86	1.478
170.1	132.2277664	24.95	1.357
170.3	132.1093104	25.04	1.112
174.1	130.1961465	25.19	1.176
158.4	142.6746234	25.39	0.954
168.5	133.2418584	25.57	1.228
181.4	128.2159189	25.55	1.757
168.7	133.1085592	25.57	1.2
165.9	135.1505606	25.68	1.475
175.1	129.7960751	25.68	1.948
174.2	130.1542428	25.68	1.305
184.8	128.0167799	25.77	1.528
179.6	128.5050003	25.79	1.556
188.1	128.2552218	25.86	1.338
168.5	133.2418584	26.01	0.987
188.5	128.3131374	26.17	1.23
172.7	130.8276183	26.38	1.071
202.6	134.6039881	26.47	1.052

147.5	160.5047386	23.58	0.77	133.7	185.382728	23.64
136.7	190.9470722	23.69	0.93	129.3	174.9883145	23.79
136.1	192.0882584	23.76	1.133	127.9	172.1277015	23.84
146	163.8037704	23.78	0.965	134.1	186.4450707	23.84
145.1	165.9045121	23.82	0.856	132.2	181.5820782	23.87
152.2	151.6188155	23.85	1.022	143.9	168.856618	23.91
144.5	167.3583715	23.91	1.043	135.6	190.6237893	23.98
144.3	167.8527808	23.97	1.035	138.6	184.28627	24.02
142.3	173.0808789	24	1.198	135.3	189.7626755	24.06
138.6	184.28627	24.07	1.061	133.6	185.120437	24.12
146	163.8037704	24.12	1.271	139.3	181.9973899	24.15
155.9	145.9460296	24.04	1.744	154.4	148.1195561	24.05
156.9	144.586539	23.96	1.423	154.9	147.3766469	23.97
146.3	163.1241775	24	1.234	144.6	167.1130196	24.04
149.9	155.7099409	24.08	1.495	144.7	166.8688935	24.13
148.5	158.4376272	24.11	1.465	144.3	167.8527808	24.16
150.5	154.5974305	24.17	1.48	149.7	156.0881634	24.2
153.8	149.0360615	24.16	1.726	151.1	153.51742	24.18
146.9	161.7949854	24.17	1.708	145.3	165.4295013	24.19
169.1	132.8476073	24.21	1.477	163.1	137.5898354	24.24
170.1	132.2277664	24.24	1.549	161.7	138.968767	24.27
172.8	130.7797169	24.33	1.349	167.9	133.6531567	24.37
174	130.2384741	24.39	1.555	172	131.1751217	24.43
170	132.2876789	24.41	1.739	165.5	135.4739906	24.44
192.8	129.3383252	24.5	1.445	187.2	128.1479193	24.56
189.6	128.5050003	24.61	1.815	188.4	128.2980674	24.65
186.5	128.0864199	24.59	1.807	184.5	128.016195	24.62
193.5	129.5761138	24.62	1.509	186.5	128.0864199	24.66
168	133.5834127	24.7	1.352	166.7	134.5279034	24.75
167.8	133.7233811	24.71	1.36	159.8	141.0213439	24.72
179.2	128.5866722	24.73	1.767	174.4	130.0717042	24.73
170.2	132.1683105	24.72	1.867	165.7	135.3112579	24.72
164.5	136.3185854	24.69	1.899	161.5	139.1748294	24.68
170.3	132.1093104	24.65	1.56	166.5	134.6805694	24.63
166.4	134.7576487	24.74	1.582	163.7	137.032099	24.74
167.6	133.8652759	24.81	1.284	161.3	139.3832047	24.81
167.9	133.6531567	24.96	1.283	162.3	138.3643054	24.98
157.2	144.1921397	25.15	1.27	151.7	152.4689987	25.15
168.4	133.3092177	25.33	1.382	159.3	141.5976893	25.31
173.8	130.3244035	25.3	1.701	169	132.9121422	25.24
166.9	134.3772185	25.32	1.49	159	141.9509679	25.29
163.7	137.032099	25.43	1.532	156.6	144.9870876	25.4
170.5	131.9926732	25.44	1.905	166.7	134.5279034	25.37
170.3	132.1093104	25.45	1.454	161.3	139.3832047	25.38
176.6	129.2740865	25.54	1.732	173.7	130.3680067	25.47
175	129.8341932	25.54	1.581	169.3	132.7199372	25.47
179.2	128.5866722	25.62	1.594	178.2	128.8188092	25.56
167.7	133.7940871	25.76	1.278	162	138.6639767	25.7
184.6	128.016	25.91	1.415	180.3	128.3773651	25.84
173.1	130.6386087	26.11	1.265	166.1	134.9918873	26.03
194.9	130.1127622	26.19	1.229	194.2	129.8341932	26.1

0.868	142.6	172.2625195	166.7707643	Yes
0.921	131.8	180.615438	174.6874314	Yes
1.267	133.4	184.5997584	175.756997	Yes
1.139	141.8	174.472931	166.0867635	Yes
1.105	139.7	180.726811	165.4266119	Yes
1.129	147.1	161.3606366	152.9111017	Yes
1.16	143.8	169.1107479	168.8727043	Yes
1.236	144.4	167.6049563	163.3640158	Yes
1.348	143.7	169.3661605	168.8718647	Yes
1.133	138.6	184.28627	177.7806611	Yes
1.646	146.3	163.1241775	159.7674492	Yes
2.089	159.4	141.481181	140.2122805	Yes
1.664	160.9	139.8069561	139.4355322	Yes
1.422	149.9	155.7099409	153.5442606	Yes
1.644	151.6	152.6415793	151.2183536	Yes
1.739	149.9	155.7099409	151.7635281	Yes
2.097	154.2	148.4219956	146.337867	Yes
1.93	155.7	146.2263702	144.0156345	Yes
2.009	151.2	153.3405134	152.3805757	Yes
1.92	169.8	132.4088779	133.1679523	Yes
1.784	169	132.9121422	133.3644529	Yes
1.629	172.1	131.1241663	131.6690446	Yes
1.983	174.6	129.9908531	131.6703634	Yes
1.938	171.4	131.490113	132.3836191	Yes
1.622	192.8	129.3383252	133.7980155	Yes
2.093	188.4	128.2980674	135.0774025	Yes
2.051	188.7	128.3444613	133.2534627	Yes
1.861	193.1	129.4377621	136.7177101	Yes
1.568	172.9	130.7322487	132.1580343	Yes
1.668	165.6	135.3923691	134.7756289	Yes
2.094	177.9	128.8962779	130.9284329	Yes
2.098	172.4	130.9739291	132.6129749	Yes
2.384	167.9	133.6531567	134.3660803	Yes
1.965	171.3	131.5441627	132.0828075	Yes
1.785	167.6	133.8652759	133.2775581	Yes
1.492	169.3	132.7199372	133.4165896	Yes
1.539	166.1	134.9918873	133.9228748	Yes
1.361	161.2	139.4882645	141.3792792	Yes
1.613	165.2	135.7219305	134.3812393	Yes
2.148	174	130.2384741	131.1838886	Yes
1.668	162.5	138.1673439	135.2948283	Yes
1.903	164.4	136.4059155	136.3427243	Yes
2.43	172.4	130.9739291	132.014824	Yes
1.635	170.4	132.0507649	133.309026	Yes
2.029	178.4	128.7691755	131.7475947	Yes
1.878	175.5	129.6477719	132.0601622	Yes
1.671	183.7	128.031795	130.1267076	Yes
1.465	163.9	136.8505178	134.2639231	Yes
1.647	187.6	128.1916822	132.7048518	Yes
1.494	172.6	130.8759536	131.2356594	Yes
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9/11/2019	08:44	26.9	1.417
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9/11/2019	08:46	26.93	1.073
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9/11/2019	08:49	27.29	1.517
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9/11/2019	08:51	27.34	1.477
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9/11/2019	09:04	28.24	1.267
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9/11/2019	09:06	28.39	0.705
9/11/2019	09:07	28.61	1.28
9/11/2019	09:08	28.5	1.986
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9/11/2019	09:10	28.42	1.698
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9/11/2019	09:12	28.49	1.492
9/11/2019	09:13	28.45	1.367
9/11/2019	09:14	28.45	2.036
9/11/2019	09:15	28.47	1.427
9/11/2019	09:16	28.56	1.727
9/11/2019	09:17	28.59	1.518
9/11/2019	09:18	28.78	1.238
9/11/2019	09:19	29.01	1.062
9/11/2019	09:20	29.06	1.165
9/11/2019	09:21	29.09	0.842
9/11/2019	09:22	29.21	0.946
9/11/2019	09:23	29.29	1.646
9/11/2019	09:24	29.22	1.472
9/11/2019	09:25	29.27	1.365
9/11/2019	09:26	29.25	1.165
9/11/2019	09:27	29.28	1.222
9/11/2019	09:28	29.35	1.708
9/11/2019	09:29	29.41	1.484
9/11/2019	09:30	29.43	1.198
9/11/2019	09:31	29.46	1.497
9/11/2019	09:32	29.49	1.292

220	157.0502204	27.1	1.345
222.5	162.2336611	27.03	1.538
228.2	176.7757169	26.95	1.481
210.4	142.1896378	26.93	1.272
224.7	167.3583715	26.98	1.192
201	133.4453614	27.13	1.107
209	140.5713153	27.32	1.124
202.6	134.6039881	27.41	1.568
207.2	138.6639767	27.4	1.13
234.7	187.5288517	27.45	1.534
194.4	129.9116845	27.46	1.081
213.8	146.6522652	27.56	1.056
223.8	165.1937679	27.76	1.043
211.7	143.8038178	27.88	1.575
206.5	137.9726212	27.84	1.583
214.8	148.1195561	27.83	1.277
211.9	144.0620273	27.97	1.157
230.8	184.9559525	28.13	1.366
227.5	174.7556358	28.13	1.643
224.2	166.1438025	28.09	1.548
238.9	177.156161	28.11	1.236
226.7	172.5339195	28.18	1.295
223.5	164.4935779	28.2	1.372
238.8	177.3788901	28.18	1.401
215.7	149.5047542	28.34	0.818
233.7	190.3353042	28.6	1.518
233	192.385621	28.46	2.199
225.9	170.4007875	28.35	1.436
213.6	146.3676144	28.37	1.748
199.6	132.5319155	28.35	1.427
222.2	161.577273	28.46	1.6
222.5	162.2336611	28.41	1.752
227.2	173.9118416	28.4	2.023
216.1	150.1407104	28.41	1.55
221.3	159.6656133	28.51	1.878
227.1	173.6334397	28.55	1.633
217.6	152.6415793	28.73	1.313
237.9	179.4337369	28.99	1.356
218.1	153.51742	29.02	1.452
214.9	148.2703958	29.02	1.147
211.8	143.9325875	29.17	1.151
207.6	139.0715101	29.28	1.956
217.8	152.989316	29.19	1.701
225	168.1018522	29.22	1.495
218.9	154.96461	29.19	1.514
236.9	181.8267455	29.2	1.508
241.8	171.1531239	29.26	1.643
226.3	171.4565408	29.3	1.874
236.2	183.5738179	29.3	1.351
220.5	158.0363201	29.34	1.869
234.6	187.8032029	29.38	1.733

195.7	130.4564935	26.52	1.744
197	131.0736496	26.45	1.873
203.4	135.2306555	26.4	1.626
191.6	128.9773778	26.44	1.748
196.9	131.0235708	26.51	1.294
179.3	128.565657	26.67	1.376
185.3	128.0255546	26.85	1.335
175.4	129.6842235	26.88	1.693
186	128.0542255	26.86	1.609
208	139.4882645	26.91	1.742
173.7	130.3680067	26.92	1.393
188.3	128.2833916	27.02	1.251
191.9	129.0621204	27.24	1.215
184.7	128.016195	27.37	1.856
181.7	128.180153	27.34	2.187
187.1	128.1379589	27.35	1.752
183.8	128.0284797	27.5	1.644
204.8	136.4059155	27.67	1.913
204.9	136.4937737	27.65	2.078
199.4	132.4088779	27.62	1.909
214.2	147.2303008	27.64	1.868
198.8	132.0507649	27.73	1.622
201.6	133.8652759	27.72	2.001
210.8	142.6746234	27.69	1.932
188.9	128.3773651	27.89	1.034
204.2	135.8898012	28.12	1.882
206.5	137.9726212	27.95	2.743
202.1	134.2285045	27.9	1.877
190.7	128.7449612	27.91	2.505
176.9	129.1807975	27.91	1.997
201.2	133.5834127	28.01	2.125
196.5	130.8276183	27.97	2.26
200.4	133.042617	27.98	2.43
191.6	128.9773778	27.99	1.9
191	128.8188092	28.09	2.244
198.6	131.9350344	28.11	2.022
197.3	131.2265166	28.31	1.654
205.8	137.3085186	28.55	1.402
193.5	129.5761138	28.53	1.905
187	128.1283904	28.54	1.491
187.9	128.2286266	28.69	1.45
180	128.4296876	28.75	2.213
197.1	131.1241663	28.68	2.213
201.8	134.0091067	28.73	1.84
192.8	129.3383252	28.7	2.146
206.5	137.9726212	28.74	2.153
215.6	149.347741	28.83	2.201
198.5	131.8778474	28.85	2.142
207.9	139.3832047	28.84	1.803
191.9	129.0621204	28.89	2.17
210.1	141.8325805	28.95	1.933

187.6	128.1916822	26.24	1.772	185.9	128.0489586	26.11
189.5	128.4855767	26.17	1.985	187.9	128.2286266	26.04
194.4	129.9116845	26.13	1.866	197.1	131.1241663	26.01
186.4	128.0791994	26.2	1.631	182.9	128.0723698	26.1
185.8	128.0440822	26.29	1.424	189	128.3944101	26.2
174.1	130.1961465	26.45	1.397	165.7	135.3112579	26.39
183.2	128.0542255	26.61	1.452	175.9	129.506112	26.52
170.9	131.7648252	26.61	1.969	165.9	135.1505606	26.46
181.2	128.2417275	26.57	1.499	177.7	128.9499403	26.44
196.9	131.0235708	26.62	1.894	199.3	132.3480491	26.5
168.2	133.4453614	26.65	1.404	161.6	139.0715101	26.53
182.8	128.0791994	26.76	1.359	178.2	128.8188092	26.66
188.3	128.2833916	26.97	1.44	184.5	128.016195	26.88
177.7	128.9499403	27.09	2.057	178.5	128.7449612	26.98
174.9	129.8727295	27.07	2.157	171	131.7089882	26.94
182	128.1479193	27.08	1.688	177.1	129.120645	26.95
179.8	128.4665503	27.24	1.537	175.7	129.5761138	27.14
200.3	132.977145	27.41	1.84	197.9	131.5441627	27.29
197.8	131.490113	27.37	2.344	201	133.4453614	27.19
196.7	130.9247236	27.33	2.037	196.2	130.6852129	27.17
206.6	138.0697036	27.37	1.721	208.9	140.4603245	27.21
198.5	131.8778474	27.46	1.744	193.3	129.506112	27.31
194.8	130.0717042	27.44	1.924	195.3	130.2812262	27.27
205.3	136.8505178	27.4	1.898	209.3	140.9079226	27.24
185.5	128.031795	27.61	1.068	181.7	128.180153	27.49
199.6	132.5319155	27.84	2.001	199.7	132.5941263	27.66
200.7	133.2418584	27.65	2.891	199.3	132.3480491	27.43
196.4	130.7797169	27.62	1.95	195.9	130.5466922	27.43
185.5	128.031795	27.66	2.479	182.6	128.0940314	27.47
172.7	130.8276183	27.66	2.018	166.4	134.7576487	27.5
194.1	129.7960751	27.77	2.253	194.8	130.0717042	27.62
190.6	128.7211479	27.72	2.436	189.5	128.4855767	27.56
194.8	130.0717042	27.76	2.63	193.6	129.6117355	27.62
187.8	128.2159189	27.78	2.143	187.7	128.2036041	27.63
186.5	128.0864199	27.87	2.532	184.2	128.0191197	27.69
195.7	130.4564935	27.88	2.164	192.4	129.2114853	27.69
193.9	129.7210908	28.09	1.751	191	128.8188092	27.94
203.8	135.5561236	28.32	1.68	198	131.5986579	28.2
188.1	128.2552218	28.28	1.901	186	128.0542255	28.12
181.3	128.2286266	28.28	1.552	177.8	128.9229071	28.1
184.8	128.0167799	28.43	1.531	178.6	128.7211479	28.28
173.3	130.5466922	28.48	2.615	168.1	133.514148	28.32
192.6	129.2740865	28.42	2.293	189.1	128.4118509	28.26
195.3	130.2812262	28.46	2.005	192.9	129.3710598	28.24
186.5	128.0864199	28.41	2.1	182.7	128.0864199	28.19
199.6	132.5319155	28.46	2.021	196.6	130.8759536	28.29
210.4	142.1896378	28.57	2.309	208.5	140.0223639	28.41
193.7	129.6477719	28.58	2.409	190.9	128.7937914	28.42
200.6	133.1749726	28.56	1.923	198.9	132.1093104	28.37
188.6	128.328602	28.63	2.559	186.2	128.065931	28.45
207.3	138.7650022	28.69	2.23	204.8	136.4059155	28.5

2.242	187.5	128.180153	134.3855015	Yes
2.373	191.2	128.870052	135.7783132	Yes
2.17	199.4	132.4088779	141.0902202	Yes
2.111	187.2	128.1479193	131.0933008	Yes
1.59	188.2	128.2691098	136.6179089	Yes
1.667	169	132.9121422	132.086113	Yes
1.722	182.8	128.0791994	130.8472813	Yes
2.242	173.2	130.5924354	132.3592065	Yes
1.931	185.5	128.031795	130.388333	Yes
2.155	201.1	133.514148	144.7805768	Yes
1.671	170.9	131.7648252	132.9122776	Yes
1.573	182.4	128.1104281	131.9888187	Yes
1.576	186.3	128.0723698	135.7255689	Yes
2.2	183.8	128.0284797	131.5086788	Yes
2.633	178.1	128.8442293	131.3157442	Yes
1.978	184.7	128.016195	132.3084549	Yes
1.819	179.6	128.5050003	131.7276343	Yes
2.449	201.1	133.514148	143.8794648	Yes
2.66	203.3	135.1505606	142.2670889	Yes
2.168	201.2	133.5834127	138.7492059	Yes
2.197	211.4	143.4215034	149.2675987	Yes
2.084	199.6	132.5319155	139.7001119	Yes
2.301	197.9	131.5441627	138.0511894	Yes
2.367	211.8	143.9325875	148.3489083	Yes
1.321	187.3	128.1582717	132.4504678	Yes
2.441	200.9	133.3770516	144.9456398	Yes
3.341	202.9	134.8352272	146.1566754	Yes
2.495	197.4	131.2783518	139.4468106	Yes
3.006	188.9	128.3773651	131.9231534	Yes
2.453	173.4	130.5013785	131.5598717	Yes
2.596	198.7	131.9926732	137.4042277	Yes
2.797	194.1	129.7960751	136.0128158	Yes
2.98	198	131.5986579	139.6473112	Yes
2.511	193.4	129.5409061	133.0157035	Yes
2.977	188.6	128.328602	134.5837128	Yes
2.537	199.1	132.2277664	139.4928438	Yes
2.112	194.6	129.9908531	134.4797698	Yes
1.792	201.5	133.7940871	143.5382248	Yes
2.299	192	129.0911795	133.6988321	Yes
2.034	179.3	128.565657	132.4231954	Yes
1.802	186.3	128.0723698	131.3943023	Yes
2.931	176	129.4717308	132.2067537	Yes
2.86	193	129.4042052	134.240725	Yes
2.416	196.2	130.6852129	138.4896915	Yes
2.706	186.7	128.1020341	133.7155618	Yes
2.689	198.9	132.1093104	143.0633092	Yes
2.676	212.3	144.586539	149.4598811	Yes
2.772	195.8	130.5013785	138.455466	Yes
2.255	201	133.4453614	144.3373334	Yes
2.906	188.9	128.3773651	134.3740677	Yes
2.745	208.2	139.7001382	148.9013679	Yes

17.83
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21.36
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11.44
5.119

9/11/2019	09:33	29.57	1.411
9/11/2019	09:34	29.66	1.19
9/11/2019	09:35	29.75	1.392
9/11/2019	09:36	29.76	1.318
9/11/2019	09:37	29.78	0.911
9/11/2019	09:38	29.91	1.167
9/11/2019	09:39	30.03	1.267
9/11/2019	09:40	30.1	1.096
9/11/2019	09:41	30.19	1.194
9/11/2019	09:42	30.23	1.387
9/11/2019	09:43	30.22	1.465
9/11/2019	09:44	30.28	1.432
9/11/2019	09:45	30.38	1.556
9/11/2019	09:46	30.42	1.208
9/11/2019	09:47	30.53	0.892
9/11/2019	09:48	30.67	1.024
9/11/2019	09:49	30.77	1.282
9/11/2019	09:50	30.74	1.169
9/11/2019	09:51	30.8	1.219
9/11/2019	09:52	30.88	1.645
9/11/2019	09:53	30.94	1.528
9/11/2019	09:54	30.91	1.569
9/11/2019	09:55	30.85	1.249
9/11/2019	09:56	30.77	1.853
9/11/2019	09:57	30.8	1.681
9/11/2019	09:58	30.83	1.203
9/11/2019	09:59	30.97	1.166
9/11/2019	10:00	31.1	1.246
9/11/2019	10:01	31.14	1.465
9/11/2019	10:02	31.11	1.758
9/11/2019	10:03	31.14	1.199
9/11/2019	10:04	31.11	1.502
9/11/2019	10:05	31.26	1.257
9/11/2019	10:06	31.39	1.391
9/11/2019	10:07	31.33	1.049
9/11/2019	10:08	31.33	1.999
9/11/2019	10:09	31.24	1.253
9/11/2019	10:10	31.31	1.187
9/11/2019	10:11	31.36	1.73
9/11/2019	10:12	31.38	1.58
9/11/2019	10:13	31.38	1.766
9/11/2019	10:14	31.33	1.495
9/11/2019	10:15	31.37	1.654
9/11/2019	10:16	31.26	1.731
9/11/2019	10:17	31.22	1.384
9/11/2019	10:18	31.48	1.239
9/11/2019	10:19	31.59	1.72
9/11/2019	10:20	31.59	1.837
9/11/2019	10:21	31.5	1.397
9/11/2019	10:22	31.54	1.369
9/11/2019	10:23	31.62	1.261

245.8	164.1726616	29.47	1.651
221.4	159.8738411	29.55	1.732
237.4	180.615438	29.63	1.763
209	140.5713153	29.64	1.656
214.2	147.2303008	29.67	1.252
226.3	171.4565408	29.81	1.327
230.7	184.6202228	29.96	1.502
237.9	179.4337369	30.03	1.253
237.8	179.6677453	30.13	1.407
235.4	185.6463296	30.15	1.638
224	165.6664139	30.11	1.815
238.1	178.969176	30.16	1.671
225.6	169.6228634	30.25	1.997
230.8	184.9559525	30.26	1.348
220.1	157.2454979	30.37	1.258
225.6	169.6228634	30.53	1.236
222.8	162.8998881	30.63	1.802
216.1	150.1407104	30.61	1.517
226.8	172.8067032	30.67	1.441
227.7	175.3254093	30.78	1.998
235.1	186.4450707	30.83	1.711
223.7	164.9592071	30.76	1.828
228.9	178.8700569	30.7	1.638
226.5	171.9924951	30.62	1.965
246.1	163.7036852	30.64	1.873
243.2	168.5495467	30.66	1.262
254.9	152.8094541	30.86	1.374
256.1	151.7051686	31.01	1.455
264.2	146.2685776	31.04	1.644
264.2	146.2685776	31.01	1.775
258	150.1223115	31.03	1.365
267.8	144.8847909	31.03	1.736
236.5	182.8176355	31.14	1.586
243.6	167.8384137	31.29	1.548
274.7	143.8658191	31.23	1.174
241.2	172.3255294	31.24	2.117
226.6	172.2625195	31.1	1.43
246.3	163.3950032	31.18	1.331
249	159.5258496	31.25	1.816
256.5	151.3553066	31.26	1.824
236.3	183.3205043	31.25	2.153
257.8	150.2796092	31.19	1.789
254.9	152.8094541	31.23	1.724
269.8	144.3719327	31.14	1.881
261.4	147.7698413	31.1	1.611
263.9	146.4112828	31.39	1.344
266.7	145.2440439	31.52	1.745
270.4	144.2529947	31.55	1.896
248.9	159.6596036	31.42	1.695
259.5	149.010542	31.44	1.574
235.2	186.1774937	31.47	1.683

224.4	166.6259865	29.05	1.794
197.7	131.436508	29.16	2.209
210	141.7148217	29.22	1.998
185.6	128.0355004	29.2	2.001
185.3	128.0255546	29.2	1.654
199.5	132.4701664	29.35	1.55
206.3	137.780123	29.47	1.558
221.8	160.717127	29.56	1.498
216.8	151.2846063	29.64	1.639
206.3	137.780123	29.64	1.86
196.7	130.9247236	29.58	1.69
213.2	145.8069274	29.65	2.015
201.3	133.6531567	29.77	2.051
207.4	138.8665983	29.76	1.51
202.6	134.6039881	29.84	1.313
201.4	133.7233811	29.99	1.121
199.9	132.7199372	30.07	1.921
192.9	129.3710598	30.03	1.653
198.5	131.8778474	30.14	1.393
206.1	137.5898354	30.27	2.245
214.3	147.3766469	30.34	1.94
205.9	137.4017445	30.21	2.016
197.6	131.3833467	30.14	1.691
202.5	134.5279034	30.05	2.195
219.6	156.2786798	30.1	1.92
221.3	159.6656133	30.15	1.377
241.5	171.7349716	30.37	1.561
230.9	185.293471	30.53	1.483
238.8	177.3788901	30.55	1.72
238.1	178.969176	30.51	2.262
238	179.2008824	30.56	1.635
239.6	175.6274687	30.54	1.867
212	144.1921397	30.67	1.596
221.9	160.9305691	30.74	1.647
251.5	156.4059988	30.69	1.416
216.3	150.4634796	30.69	2.049
202.7	134.6805694	30.56	1.458
224.4	166.6259865	30.62	1.419
229.9	181.9973899	30.71	2.064
235.8	184.5997584	30.75	2.072
213.4	146.0858429	30.75	2.311
231	185.6327901	30.7	2.112
234.6	187.8032029	30.72	1.966
246	163.8592137	30.64	2.059
235.8	184.5997584	30.61	2.059
235.2	186.1774937	30.9	1.479
244.7	165.9547117	31.01	2.066
244.6	166.1216858	31.04	2.115
226.4	171.7238383	30.93	1.817
234.7	187.5288517	30.92	1.726
214.3	147.3766469	30.94	1.996

223.3	164.0325631	28.78	2.017	216.3	150.4634796	28.58
192.6	129.2740865	28.89	2.226	188.3	128.2833916	28.68
207	138.4636301	28.95	2.137	198.2	131.7089882	28.74
182.1	128.1379589	28.93	2.209	177.7	128.9499403	28.71
183.1	128.0598829	28.92	1.667	179.9	128.4479207	28.7
193.5	129.5761138	29.05	1.702	188.5	128.3131374	28.87
202.8	134.7576487	29.16	1.795	198.7	131.9926732	28.96
219.5	156.0881634	29.25	1.567	214.4	147.5237341	29.08
213.1	145.6685335	29.33	1.758	209.3	140.9079226	29.16
202.6	134.6039881	29.31	2.193	197.4	131.2783518	29.12
197.9	131.5441627	29.26	2.267	193.4	129.5409061	29.07
206.1	137.5898354	29.35	2.104	202.3	134.3772185	29.18
197.4	131.2783518	29.49	2.541	192.9	129.3710598	29.32
201.8	134.0091067	29.45	1.758	200.3	132.977145	29.26
203.8	135.5561236	29.52	1.569	193.8	129.6842235	29.33
200.2	132.9121422	29.66	1.5	191.9	129.0621204	29.48
197.5	131.3306282	29.73	2.282	191.9	129.0621204	29.53
187.5	128.180153	29.68	1.965	187.1	128.1379589	29.42
197.8	131.490113	29.78	1.918	189.8	128.5450401	29.61
202	134.1548834	29.95	2.6	197	131.0736496	29.77
211.7	143.8038178	30.03	2.151	205.9	137.4017445	29.83
201.7	133.9369487	29.88	2.279	198.4	131.8211113	29.67
194	129.7583745	29.81	2.135	189.9	128.565657	29.6
196.6	130.8759536	29.73	2.571	194.1	129.7960751	29.51
217.1	151.7871691	29.8	2.369	209.6	141.2500277	29.63
216.2	150.3016928	29.85	1.598	208	139.4882645	29.68
242	170.7700049	30.05	1.736	232.3	190.2134023	29.89
228.2	176.7757169	30.2	1.837	218	153.3405134	30.03
238.4	178.2808867	30.21	2.078	232.6	191.31691	30
231.6	187.7071962	30.17	2.282	227.1	173.6334397	29.89
239.8	175.2003149	30.22	1.716	229.2	179.7911758	29.96
236.2	183.5738179	30.19	2.205	232.1	189.4876488	29.93
211.6	143.6757156	30.31	1.892	205.4	136.9410396	30.11
218.5	154.2338617	30.37	1.915	212	144.1921397	30.15
248.3	160.4771641	30.34	1.465	238	179.2008824	30.13
211.2	143.1699306	30.33	2.722	208.7	140.2401479	30.08
199.2	132.2876789	30.19	1.751	197.9	131.5441627	29.92
219.5	156.0881634	30.25	1.654	214.7	147.9694733	30.01
227.8	175.6124958	30.36	2.352	222.6	162.4546358	30.13
232.9	192.4386028	30.41	2.215	227.1	173.6334397	30.12
210.8	142.6746234	30.44	2.685	205.5	137.032099	30.19
229	179.1755005	30.41	2.221	222.9	163.1241775	30.14
234.3	188.6345537	30.44	2.191	225.9	170.4007875	30.19
238.1	178.969176	30.35	2.403	233	192.385621	30.08
229.4	180.4133026	30.32	2.175	224	165.6664139	30.11
237.6	180.1392477	30.61	1.649	227.6	175.0397923	30.41
243.6	167.8384137	30.72	2.221	237.2	181.0963649	30.5
241.5	171.7349716	30.73	2.454	235.7	184.8594495	30.45
224.3	166.3842917	30.6	2.159	218.3	153.8738695	30.31
233.3	191.4980279	30.6	2.056	228.1	176.4826621	30.32
206.2	137.6847037	30.61	2.073	202.3	134.3772185	30.37

2.358	220.6	158.2364782	160.7062338	Yes
2.868	192	129.0911795	135.5918013	Yes
2.657	205.6	137.1236975	145.9253151	Yes
2.496	184.2	128.0191197	130.7427669	Yes
1.999	182.9	128.0723698	131.9672057	Yes
2.019	196.5	130.8276183	138.5287154	Yes
2.051	205	136.5821614	145.1465658	Yes
1.859	216.2	150.3016928	158.8128908	Yes
2.053	214.8	148.1195561	153.1296728	Yes
2.514	202.1	134.2285045	144.7074594	Yes
2.372	197.6	131.3833467	137.8119106	Yes
2.672	203.7	135.4739906	146.4434296	Yes
2.885	198.4	131.8211113	139.1493086	Yes
2.039	204	135.7219305	145.3061466	Yes
1.75	200	132.7835393	137.9746745	Yes
1.674	198.3	131.7648252	139.4170665	Yes
2.68	195.4	130.3244035	137.2673955	Yes
2.415	191.1	128.8442293	132.9348223	Yes
2.072	197	131.0736496	139.1586707	Yes
3.068	201.9	134.0817512	142.4451058	Yes
2.726	209.2	140.7951122	151.1644784	Yes
2.78	201.3	133.6531567	140.3544337	Yes
2.453	194.3	129.8727295	139.6900329	Yes
2.922	198.1	131.6535994	139.7692053	Yes
2.51	214.8	148.1195561	152.2278236	Yes
1.89	210	141.7148217	151.9439878	Yes
2.163	240.8	173.1267013	171.7309069	Yes
2.103	224.6	167.1130196	166.8455779	Yes
2.452	238.8	177.3788901	174.1248309	Yes
3.058	230.8	184.9559525	174.3068684	Yes
2.224	238.3	178.509184	172.5647737	Yes
2.435	238.8	177.3788901	174.1905233	Yes
2.192	212.6	144.9870876	150.5227236	Yes
2.148	218.2	153.695204	156.1780376	Yes
1.743	243.9	167.3143222	161.4528373	Yes
2.95	213.8	146.6522652	150.5702705	Yes
1.958	201.3	133.6531567	140.8856175	Yes
1.915	215.5	149.1915112	156.6540275	Yes
2.924	226.3	171.4565408	170.2093824	Yes
2.91	230.7	184.6202228	177.329466	Yes
3.132	209.1	140.6829105	149.959196	Yes
2.764	227.3	174.1916691	170.4807493	Yes
2.689	235.2	186.1774937	177.1650984	Yes
2.734	233.7	190.3353042	173.9842495	Yes
2.56	227.3	174.1916691	170.5281971	Yes
2.117	232	189.1277069	175.3791047	Yes
2.746	243.2	168.5495467	165.7366162	Yes
2.885	241.1	172.5243387	167.898688	Yes
2.511	223.3	164.0325631	163.1348332	Yes
2.333	232.8	192.0626612	179.316549	Yes
2.663	204.5	136.145503	148.3523132	Yes

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9/11/2019	10:25	31.82	1.594
9/11/2019	10:26	31.94	1.12
9/11/2019	10:27	31.96	1.738
9/11/2019	10:28	31.95	1.526
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9/11/2019	10:32	31.92	2.038
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9/11/2019	10:35	31.93	1.525
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9/11/2019	10:37	32.16	1.858
9/11/2019	10:38	32.12	1.601
9/11/2019	10:39	32.03	1.298
9/11/2019	10:40	32.04	1.606
9/11/2019	10:41	32.02	1.447
9/11/2019	10:42	32.14	1.416
9/11/2019	10:43	32.12	1.225
9/11/2019	10:44	32.17	1.584
9/11/2019	10:45	32.31	1.751
9/11/2019	10:46	32.49	1.054
9/11/2019	10:47	32.65	1.347
9/11/2019	10:48	32.73	1.233
9/11/2019	10:49	32.6	1.701
9/11/2019	10:50	32.58	1.533
9/11/2019	10:51	32.64	1.136
9/11/2019	10:52	32.57	1.803
9/11/2019	10:53	32.27	1.43
9/11/2019	10:54	32.4	1.219
9/11/2019	10:55	32.66	1.464
9/11/2019	10:56	32.81	1.903
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9/11/2019	10:58	32.65	1.823
9/11/2019	10:59	32.65	1.484
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9/11/2019	11:12	32.85	1.657
9/11/2019	11:13	32.85	1.332
9/11/2019	11:14	32.85	1.106

251.5	156.4059988	31.55	1.687
220.4	157.837148	31.7	1.784
203.4	135.2306555	31.82	1.526
215.1	148.5743588	31.84	1.881
214.1	147.0846926	31.82	2.07
206.6	138.0697036	31.66	2.041
218.3	153.8738695	31.7	2.037
221.6	160.2933984	31.67	1.993
212.3	144.586539	31.77	2.289
204.5	136.145503	31.7	1.807
240.4	173.943875	31.78	2.156
239.6	175.6274687	31.77	1.704
225.4	169.1107479	31.99	1.949
255.4	152.3392627	32.02	2.053
261.6	147.6498563	31.95	1.972
272.8	143.936624	31.86	1.373
261.9	147.4736091	31.9	1.839
259.5	149.010542	31.88	1.622
274.3	143.8675721	32.03	1.479
286.3	146.9181461	32.05	1.374
244.4	166.4581678	32.08	1.814
231	185.6327901	32.17	1.984
231	185.6327901	32.33	1.275
250.4	157.7265948	32.51	1.568
270.4	144.2529947	32.61	1.26
267.1	145.1070106	32.51	2.092
263.4	146.658692	32.43	1.692
284.2	145.9089029	32.51	1.352
280.1	144.530992	32.45	2.065
279.2	144.3305061	32.16	1.514
288.2	148.0158154	32.26	1.401
272.2	143.9919054	32.57	1.764
252.3	155.4951241	32.7	2.318
265.9	145.540202	32.46	1.817
254.4	153.294267	32.46	2.03
277.7	144.0764313	32.46	1.627
268.4	144.7120259	32.44	2.022
290.3	149.4409821	32.31	1.421
285.3	146.4112828	32.41	1.975
263.1	146.8129126	32.49	1.721
270.9	144.1660972	32.63	1.464
283.2	145.5015641	32.68	1.765
246.2	163.5489495	32.73	1.81
247.7	161.3209223	32.87	2.051
275.3	143.8763375	32.74	2.223
272.6	143.9532925	32.56	1.719
278.2	144.1500472	32.63	2.152
266.9	145.1746105	32.7	2.029
276.4	143.936624	32.67	1.861
267.1	145.1070106	32.67	1.67
286.2	146.8652868	32.73	1.323

225.9	170.4007875	31.03	1.967
197	131.0736496	31.18	1.941
182.5	128.1020341	31.3	2.006
192.8	129.3383252	31.28	2.349
190.1	128.6080861	31.24	2.451
185.7	128.0395961	31.08	2.397
193	129.4042052	31.15	2.277
195.5	130.3680067	31.12	2.358
183.7	128.031795	31.24	2.803
181.5	128.2036041	31.16	2.225
218.3	153.8738695	31.27	2.4
216.5	150.7894808	31.28	1.909
205.7	137.2158368	31.5	2.409
232.8	192.0626612	31.5	2.18
235.5	185.382728	31.4	2.039
249.1	159.3928048	31.31	1.601
239.6	175.6274687	31.35	2.063
237.7	179.9029136	31.34	1.799
248.4	160.3391006	31.52	1.788
256	151.7940443	31.51	1.626
221.1	159.2522329	31.57	2.11
207.6	139.0715101	31.66	2.162
210.6	142.43085	31.82	1.461
229.9	181.9973899	31.98	1.944
246.9	162.4877295	32.04	1.557
239.2	176.4945334	31.95	2.441
238.6	177.8276612	31.92	1.937
254.5	153.1961245	31.98	1.572
250.9	157.1163888	31.91	2.631
256	151.7940443	31.63	1.919
259.2	149.2234061	31.81	1.772
250.3	157.8506504	32.14	2.159
230	182.3192244	32.22	2.9
240.9	172.92492	31.98	2.191
231.7	188.0594614	31.99	2.42
254.5	153.1961245	32	1.942
240.8	173.1267013	31.95	2.374
261.5	147.7095994	31.81	1.721
259.6	148.9406289	31.91	2.672
237.9	179.4337369	32.01	2.059
252.1	155.7190033	32.17	1.918
259.4	149.0809751	32.18	2.301
221.6	160.2933984	32.25	2.055
225.7	169.8808638	32.42	2.538
249.7	158.6092822	32.26	2.741
240.9	172.92492	32.1	1.938
254.9	152.8094541	32.19	2.556
242.3	170.2024087	32.3	2.467
248	160.8957315	32.22	2.279
243.3	168.3704292	32.22	1.918
257.3	150.682349	32.26	1.599

224.1	165.9045121	30.71	2.076	218.5	154.2338617	30.5
190.8	128.7691755	30.82	2.24	184.9	128.0177548	30.59
179.5	128.5248214	30.93	2.065	174.1	130.1961465	30.64
186.3	128.0723698	30.92	2.38	183.3	128.0489586	30.6
182.4	128.1104281	30.86	2.745	177.6	128.9773778	30.53
180.3	128.3773651	30.74	2.672	175.9	129.506112	30.46
186.1	128.0598829	30.83	2.59	183.6	128.0355004	30.57
191.2	128.870052	30.79	2.56	187.2	128.1479193	30.5
180.9	128.2833916	30.93	3.164	175.6	129.6117355	30.66
175.8	129.5409061	30.84	2.374	172.5	130.9247236	30.54
214.5	147.6715655	30.95	2.764	210.5	142.3099249	30.68
214.8	148.1195561	30.98	2.078	210.2	141.9509679	30.7
202.4	134.4523139	31.2	2.494	196.7	130.9247236	30.94
230	182.3192244	31.17	2.524	225.8	170.1401693	30.86
235.6	185.120437	31.06	2.541	229.4	180.4133026	30.7
248.3	160.4771641	30.96	1.83	239.9	174.9883145	30.61
235.5	185.382728	30.99	2.403	229	179.1755005	30.66
236.8	182.0726285	30.97	2.14	231.9	188.7697038	30.66
249.3	159.1288318	31.14	1.897	240.4	173.943875	30.84
255.3	152.4321413	31.11	1.735	248.8	159.7940691	30.78
218	153.3405134	31.18	2.218	215.1	148.5743588	30.87
199.8	132.6567999	31.3	2.475	196.3	130.7322487	30.95
203.1	134.9918873	31.47	1.475	195.7	130.4564935	31.1
222.6	162.4546358	31.65	1.901	215.3	148.8813884	31.36
246.9	162.4877295	31.7	1.442	232.8	192.0626612	31.43
234.9	186.9842516	31.63	2.648	230.8	184.9559525	31.29
240.6	173.5332689	31.56	2.067	232.9	192.4386028	31.24
255.2	152.5255981	31.59	1.682	242.7	169.4586546	31.23
249.5	158.8676643	31.54	2.688	241.3	172.1277015	31.19
254.4	153.294267	31.26	1.977	248.1	160.7554768	30.93
259.3	149.1519294	31.43	1.74	249.7	158.6092822	31.17
248.2	160.6159553	31.83	2.166	240.8	173.1267013	31.55
225.2	168.6037636	31.9	2.897	223.7	164.9592071	31.52
236.7	182.3197334	31.65	2.316	231.9	188.7697038	31.29
229.4	180.4133026	31.66	2.56	225.3	168.856618	31.31
251.7	156.1744239	31.64	2.087	243.6	167.8384137	31.27
238	179.2008824	31.58	2.577	234	189.4785153	31.19
259.6	148.9406289	31.45	1.81	253.8	153.8956445	31.13
254.7	153.0016129	31.57	2.58	246.5	163.0894665	31.29
236.2	183.5738179	31.68	2.237	229.7	181.3587702	31.39
249.8	158.4811294	31.82	1.966	244.4	166.4581678	31.51
256.1	151.7051686	31.82	2.343	247.9	161.0367221	31.46
217.3	152.1263931	31.88	2.332	213.3	145.9460296	31.47
220.1	157.2454979	32.05	2.565	217.9	153.1644801	31.67
247.3	161.8982783	31.9	2.88	240.9	172.92492	31.49
237.3	180.8553063	31.72	2.061	231.1	185.9739218	31.31
254.2	153.4923338	31.82	2.734	246.7	162.7870502	31.48
239.2	176.4945334	31.96	2.482	233.1	192.0882584	31.65
246.8	162.6370044	31.87	2.462	242	170.7700049	31.45
239.6	175.6274687	31.81	2.196	233.7	190.3353042	31.39
253.2	154.5187706	31.88	1.639	243.4	168.1922038	31.47

2.652	220.3	157.6389568	160.9168234	Yes
2.655	190	128.5866722	134.85688	Yes
2.778	179.6	128.5050003	130.1117316	Yes
3.078	187	128.1283904	132.4324805	Yes
3.422	184	128.0230196	132.1607208	Yes
3.158	181.9	128.1582717	130.4302097	Yes
3.057	188.2	128.2691098	133.5285136	Yes
3.023	191.2	128.870052	135.3098857	Yes
3.567	181	128.2691098	131.7565142	Yes
3.052	178.5	128.7449612	130.7119396	Yes
3.17	215.9	149.8211447	153.5240759	Yes
2.513	216.7	151.1187431	153.5212433	Yes
3.074	203.3	135.1505606	141.3708366	Yes
3.108	231	185.6327901	176.4988215	Yes
2.965	234.4	188.3560461	177.384474	Yes
2.16	245.8	164.1726616	160.5935138	Yes
2.704	233.8	190.048269	175.5415151	Yes
2.526	240.6	173.5332689	174.6578113	Yes
2.331	247.2	162.0444998	159.8647759	Yes
2.155	252.5	155.273777	153.2424356	Yes
2.736	219.2	155.5222256	156.6294997	Yes
2.832	199.3	132.3480491	144.0882796	Yes
1.889	202.8	134.7576487	145.6539339	Yes
2.316	220.3	157.6389568	161.7397931	Yes
1.828	237.8	179.6677453	168.1917721	Yes
3.103	234.2	188.9144624	176.4912421	Yes
2.516	238.3	178.509184	173.7934818	Yes
2.062	247.2	162.0444998	156.626756	Yes
3.345	248.1	160.7554768	158.6796447	Yes
2.335	252	155.8318976	153.2012384	Yes
2.285	254.8	152.9052402	151.5811346	Yes
2.795	248.6	160.0651457	159.1300716	Yes
3.525	229.7	181.3587702	170.5472179	Yes
2.704	239.6	175.6274687	173.0364056	Yes
3.118	229.9	181.9973899	174.5242078	Yes
2.689	251.3	156.6401729	155.5851133	Yes
2.922	238.4	178.2808867	172.9598023	Yes
2.164	260.8	148.1418203	149.625735	Yes
3.317	252.5	155.273777	153.3433536	Yes
2.463	235.1	186.4450707	175.5248617	Yes
2.567	252.4	155.3841351	156.0417065	Yes
2.923	254	153.6927882	152.2034436	Yes
2.543	221	159.0470698	156.1923681	Yes
3.114	224.2	166.1438025	161.5511133	Yes
3.491	248.2	160.6159553	159.5849546	Yes
2.474	236	184.0842372	173.5583355	Yes
3.334	253.9	153.7939153	153.4065601	Yes
3.005	238.5	178.0537144	172.4027051	Yes
3.002	248.8	159.7940691	159.6066868	Yes
2.658	239.5	175.8426324	171.056569	Yes
1.907	250.6	157.480505	155.547823	Yes

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255.2	152.5255981	33.33	1.807
273.1	143.914916	33.36	1.954
287.9	147.8305829	33.18	1.783
278.8	144.2529947	32.9	2.022
267.4	145.0090396	32.75	1.536
271.1	144.1344398	32.91	1.413
258.7	149.5886665	33.04	1.302
249.7	158.6092822	33.28	0.816
257.8	150.2796092	33.54	1.708
233.1	192.0882584	33.33	2.017
253.1	154.6247674	33.26	1.776
237.5	180.3767538	33.28	1.703
212.1	144.3229273	33.48	1.314
219.9	156.8559046	33.66	1.85
213.3	145.9460296	33.62	2.211
225.9	170.4007875	33.66	2.209
227	173.356455	33.45	1.835
234.2	188.9144624	33.45	1.44
253.2	154.5187706	33.48	1.388
261.7	147.5906108	33.63	2.448
284.4	145.9959883	33.35	2.048
266.3	145.3884291	33.23	1.879
261.7	147.5906108	33.25	2.127
249	159.5258496	33.24	2.514
239.7	175.4133646	33.17	1.971
263.1	146.8129126	33.37	2.036
271.8	144.0375611	33.43	2.456
251.1	156.8769637	33.64	2.483
250.8	157.2370948	33.49	2.903
249.5	158.8676643	33.29	2.809
249.5	158.8676643	33.13	2.394
249.7	158.6092822	33.09	2.134
258.2	149.967168	33.2	1.934
242.3	170.2024087	33.34	2.647
242.3	170.2024087	33.38	2.864
214.9	148.2703958	33.59	2.157
235.8	184.5997584	33.8	2.779
208.9	140.4603245	33.66	2.74
218.7	154.5974305	33.58	2.471
205	136.5821614	33.73	2.39
220.9	158.8429179	33.89	2.839
221.7	160.5047386	33.77	2.586
234.4	188.3560461	33.78	2.404
221	159.0470698	33.74	2.908
208.3	139.8069561	33.75	2.413
230.3	183.2949574	33.64	2.228
229.7	181.3587702	33.91	1.99
199.7	132.5941263	33.96	2.336
208.1	139.5939084	33.99	2.658

249.6	158.7381263	32.32	1.16
247.3	161.8982783	32.56	1.461
233.1	192.0882584	32.84	2.448
249.2	159.2604663	32.8	2.496
262.5	147.1344513	32.59	2.517
253.8	153.8956445	32.31	2.417
244.2	166.7980522	32.27	1.643
248.3	160.4771641	32.43	1.68
233.3	191.4980279	32.53	1.716
219.1	155.335435	32.76	1.061
237.7	179.9029136	32.98	2.118
212.7	145.1219829	32.72	2.34
228.6	177.9631823	32.69	2.217
216.3	150.4634796	32.73	2.182
188	128.2417275	32.96	1.773
194.9	130.1127622	33.08	2.1
192.2	129.1505175	33.03	2.821
208.1	139.5939084	33.1	2.953
203.8	135.5561236	32.89	2.163
217.2	151.9563603	32.89	1.744
231	185.6327901	32.97	1.737
235.7	184.8594495	33.12	3.142
257.9	150.2006904	32.82	2.624
240.2	174.3585583	32.75	2.571
237.4	180.615438	32.78	2.639
219.8	156.6625457	32.76	2.945
214.9	148.2703958	32.66	2.216
238.4	178.2808867	32.89	2.551
249.5	158.8676643	32.95	3.208
224.7	167.3583715	33.2	3.121
232	189.1277069	32.98	3.626
227	173.356455	32.82	3.122
222.3	161.7949854	32.63	2.725
221.9	160.9305691	32.58	2.576
236.2	183.5738179	32.73	2.345
215.3	148.8813884	32.88	3.193
217.7	152.8150171	32.92	3.214
197.2	131.1751217	33.19	2.968
210.5	142.3099249	33.35	3.012
185.7	128.0395961	33.13	3.165
193.5	129.5761138	33.03	3.039
180.9	128.2833916	33.23	2.733
202.3	134.3772185	33.37	3.527
195.7	130.4564935	33.19	2.97
212.3	144.586539	33.24	3.036
199.4	132.4088779	33.22	3.514
186	128.0542255	33.2	2.888
201.3	133.6531567	33.06	2.664
205.4	136.9410396	33.38	2.621
172.6	130.8759536	33.42	3.019
186.6	128.0940314	33.45	3.224

251.8	156.0596058	31.94	1.366	241.5	171.7349716	31.62
247	162.3392225	32.18	1.368	239.1	176.7139881	31.89
227.5	174.7556358	32.44	2.35	224.8	167.6049563	32.13
244.3	166.6276829	32.39	2.683	237.3	180.8553063	31.97
259.6	148.9406289	32.1	2.473	253	154.7313813	31.66
251.9	155.945431	31.82	2.55	245.5	164.6488595	31.37
244.7	165.9547117	31.84	1.882	238.8	177.3788901	31.47
244	167.1413681	32.01	1.843	239.7	175.4133646	31.67
230.2	182.967997	32.12	1.705	226	170.6627261	31.74
213.6	146.3676144	32.32	1.089	212.1	144.3229273	31.95
230.4	183.6236488	32.55	2.232	228.4	177.3663815	32.14
203.6	135.3923691	32.27	2.576	203.6	135.3923691	31.76
224.1	165.9045121	32.26	2.217	219.3	155.7099409	31.84
211	142.9209771	32.31	2.181	207.5	138.968767	31.9
188.2	128.2691098	32.52	1.843	176.9	129.1807975	32.15
188.9	128.3773651	32.68	2.279	186.9	128.1192135	32.3
188.9	128.3773651	32.62	2.83	184	128.0230196	32.29
201.7	133.9369487	32.77	2.717	196.5	130.8276183	32.43
196.8	130.9739291	32.52	2.265	191.6	128.9773778	32.14
210.6	142.43085	32.53	1.748	205.5	137.032099	32.12
223.3	164.0325631	32.6	1.636	214.1	147.0846926	32.28
232.3	190.2134023	32.77	3.082	227.8	175.6124958	32.39
256.1	151.7051686	32.44	2.551	249.6	158.7381263	32.01
236.4	183.0684457	32.37	2.41	229.8	181.6772422	31.97
233.6	190.6237893	32.4	2.708	229.8	181.6772422	31.98
215.8	149.6625543	32.39	3.152	212.6	144.9870876	31.98
207.3	138.7650022	32.29	2.434	208.3	139.8069561	31.91
235.9	184.3413566	32.55	2.684	229.3	180.1014276	32.24
246	163.8592137	32.58	3.086	238.8	177.3788901	32.2
223.3	164.0325631	32.83	3.165	215.8	149.6625543	32.47
227.7	175.3254093	32.61	3.717	223.9	165.4295013	32.2
221.8	160.717127	32.45	3.502	218.7	154.5974305	32.07
215.9	149.8211447	32.25	3.044	215.3	148.8813884	31.84
216.4	150.6260744	32.17	2.581	214.4	147.5237341	31.75
231.5	187.3568179	32.33	2.571	225.6	169.6228634	31.99
208.1	139.5939084	32.5	3.294	206.3	137.780123	32.14
211.9	144.0620273	32.55	3.753	208.3	139.8069561	32.2
194.7	130.0310681	32.83	2.986	189.2	128.4296876	32.52
202.6	134.6039881	33.03	3.458	199.5	132.4701664	32.73
180.3	128.3773651	32.76	3.694	175.3	129.7210908	32.41
189.3	128.4479207	32.66	3.308	182.4	128.1104281	32.28
175.8	129.5409061	32.87	3.12	171.8	131.2783518	32.56
200.3	132.977145	33.01	3.823	193	129.4042052	32.65
192.9	129.3710598	32.8	3.405	188.6	128.328602	32.38
209.2	140.7951122	32.86	3.111	204.4	136.0597477	32.48
195	130.1542428	32.84	3.836	189.3	128.4479207	32.47
180.4	128.3607156	32.83	3.08	175.8	129.5409061	32.43
198.7	131.9926732	32.69	2.743	190	128.5866722	32.34
202.1	134.2285045	33.01	2.602	195.5	130.3680067	32.66
169.1	132.8476073	33.08	3.159	165.5	135.4739906	32.7
183.5	128.0395961	33.1	3.524	178.2	128.8188092	32.69

1.447	251.4	156.5227599	157.4138632	Yes
1.76	245.2	165.1323684	162.0092286	Yes
2.996	229	179.1755005	173.2299898	Yes
3.165	245.5	164.6488595	163.0614462	Yes
3.285	261.3	147.8305829	149.2935254	Yes
2.885	251	156.9963458	155.1478551	Yes
2.045	250.5	157.6032138	162.5487815	Yes
2.183	248.6	160.0651457	161.4462965	Yes
2.139	232	189.1277069	176.7690249	Yes
1.287	227.2	173.9118416	155.7094201	Yes
2.594	234.3	188.6345537	175.9614214	Yes
2.952	209.3	140.9079226	149.7805804	Yes
2.57	220.5	158.0363201	162.4477445	Yes
2.609	213.1	145.6685335	151.6797022	Yes
1.97	186	128.0542255	131.6137575	Yes
2.495	192.6	129.2740865	134.5478664	Yes
3.472	192	129.0911795	132.1176223	Yes
3.524	201.4	133.7233811	141.6965288	Yes
2.637	198	131.5986579	140.0925087	Yes
2.115	215.4	149.0360615	153.8739666	Yes
1.94	222.2	161.577273	162.5692179	Yes
3.71	233.1	192.0882584	178.0728433	Yes
3.199	255.8	151.9734986	151.7226944	Yes
3.097	235.1	186.4450707	174.1875492	Yes
3.194	237.8	179.6677453	176.0349651	Yes
3.736	218.2	153.695204	152.9066482	Yes
2.506	214	146.9398193	149.8391076	Yes
3.099	236.3	183.3205043	174.5714176	Yes
3.869	244	167.1413681	162.2569395	Yes
3.928	224.2	166.1438025	160.814851	Yes
4.335	230	182.3192244	173.8877873	Yes
3.952	224	165.6664139	162.6410181	Yes
3.518	219	155.1495646	154.9029495	Yes
3.153	219.4	155.8985853	154.717649	Yes
2.875	230.4	183.6236488	174.8288632	Yes
3.856	210.2	141.9509679	147.6817593	Yes
4.222	213.6	146.3676144	150.6508047	Yes
3.539	196.5	130.8276183	133.7467783	Yes
3.747	204.3	135.9745142	145.9916704	Yes
4.066	179.9	128.4479207	131.0092595	Yes
3.916	188.5	128.3131374	133.8090061	Yes
3.617	179	128.6298991	130.862942	Yes
4.463	198.2	131.7089882	137.462095	Yes
3.727	194.6	129.9908531	135.7303494	Yes
3.809	211.4	143.4215034	150.6437897	Yes
4.489	195.8	130.5013785	136.1118979	Yes
3.639	182.3	128.1192135	130.7764034	Yes
3.275	196	130.5924354	141.623979	Yes
3.196	200.4	133.042617	143.1877876	Yes
3.773	171.7	131.3306282	132.6244612	Yes
4.256	182.5	128.1020341	130.5296759	Yes

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9/11/2019	12:13	33	2.934
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228	176.1911131	33.96	2.474
212	144.1921397	33.96	3.005
226.2	171.1905949	34.02	3.115
233.9	189.7626755	33.79	3.073
240.1	174.5674412	33.34	3.041
233.4	191.2051427	32.83	2.623
250.4	157.7265948	32.69	2.803
254.8	152.9052402	32.9	2.448
246.3	163.3950032	33.15	2.321
256	151.7940443	33.45	3.311
238.5	178.0537144	33.42	3.323
216.5	150.7894808	33.69	2.59
222.2	161.577273	33.84	2.375
212.1	144.3229273	34.09	2.497
219.9	156.8559046	33.85	2.546
199	132.1683105	33.32	2.995
229.6	181.0419634	33.49	2.528
225.9	170.4007875	33.96	2.389
233.5	190.9137326	34.22	2.643
235.2	186.1774937	34.19	3.09
249.2	159.2604663	33.97	2.45
251.3	156.6401729	33.89	1.576
267.7	144.915171	34.03	2.047
266.8	145.2090977	33.99	2.867
235.8	184.5997584	33.97	2.841
232.2	189.8495428	33.53	2.416
226.5	171.9924951	33.01	2.39
246	163.8592137	32.73	2.592
237	181.5820782	32.78	2.914
249.9	158.3536654	33.27	2.323
219.9	156.8559046	33.72	2.356
231	185.6327901	34.1	2.748
257.3	150.682349	34.23	2.841
215.9	149.8211447	34.32	2.521
222.1	161.3606366	34.27	2.777
208.5	140.0223639	34.04	2.82
210.7	142.5524154	33.77	2.31
218.6	154.4151969	33.95	2.364
236.3	183.3205043	34.2	2.242
245.8	164.1726616	34.73	2.002
238.3	178.509184	35.28	2.174
243.4	168.1922038	35.4	1.876
217	151.6188155	35.43	2.277
223.8	165.1937679	35.44	3.107
239.9	174.9883145	35.13	3.241
235	186.7139875	34.71	2.855
239.8	175.2003149	33.97	3.229
228.9	178.8700569	33.45	2.974
222.9	163.1241775	33.64	2.702
231.6	187.7071962	33.92	3.027

193.3	129.506112	33.36	3.229
209.1	140.6829105	33.47	2.766
185.9	128.0489586	33.42	3.634
203.3	135.1505606	33.55	3.474
210.8	142.6746234	33.23	3.38
218.3	153.8738695	32.83	3.263
213.7	146.5095784	32.42	2.859
227.2	173.9118416	32.35	3.34
231.2	186.3168781	32.54	3.222
223.9	165.4295013	32.76	2.713
231.2	186.3168781	33.05	4.193
215.7	149.5047542	33.02	3.777
197.7	131.436508	33.33	3.242
198	131.5986579	33.41	2.767
188.2	128.2691098	33.64	3.076
196.4	130.7797169	33.35	2.692
179.9	128.4479207	32.83	3.407
198.4	131.8211113	33.06	2.735
206.8	138.2655439	33.54	2.849
206.2	137.6847037	33.81	2.913
214.8	148.1195561	33.69	3.671
224.8	167.6049563	33.48	2.864
231.2	186.3168781	33.42	2.089
250.5	157.6032138	33.53	2.667
246.6	162.9378699	33.51	3.502
212.5	144.8528837	33.53	3.199
210.8	142.6746234	33.12	2.712
206.2	137.6847037	32.64	2.644
220.8	158.6397721	32.41	2.949
209.2	140.7951122	32.5	3.177
224.1	165.9045121	32.99	2.497
197.3	131.2265166	33.37	2.485
207.4	138.8665983	33.72	2.774
232.9	192.4386028	33.83	3.323
190.9	128.7937914	33.89	2.846
198.9	132.1093104	33.78	3.153
189.5	128.4855767	33.56	3.324
190.3	128.6521114	33.35	2.545
194.1	129.7960751	33.54	2.842
212.4	144.7193684	33.73	2.374
221	159.0470698	34.34	2.125
211.4	143.4215034	34.8	2.188
222.9	163.1241775	34.86	2.2
198.7	131.9926732	34.88	2.612
204.5	136.145503	34.85	3.327
215.1	148.5743588	34.5	3.691
215.2	148.7274886	34.13	3.373
217.3	152.1263931	33.42	3.308
208	139.4882645	33.04	3.496
201.9	134.0817512	33.29	2.888
207.6	139.0715101	33.55	3.239

185.5	128.031795	33.02	3.685	183.8	128.0284797	32.61
207.2	138.6639767	33.12	3.236	200.3	132.977145	32.79
180.2	128.3944101	33.07	3.884	176.8	129.2114853	32.68
200.3	132.977145	33.2	4.093	195.2	130.2384741	32.86
205.3	136.8505178	32.83	3.894	202.8	134.7576487	32.4
217.1	151.7871691	32.52	3.926	211.1	143.0451277	32.14
212	144.1921397	32.17	3.343	204.7	136.3185854	31.86
223	163.3495837	32.08	3.629	216.8	151.2846063	31.81
229.9	181.9973899	32.24	3.268	222.1	161.3606366	31.9
222.2	161.577273	32.44	2.904	217.1	151.7871691	32.12
226.7	172.5339195	32.73	4.336	220.3	157.6389568	32.41
212.1	144.3229273	32.71	4.144	207	138.4636301	32.36
191.5	128.9499403	33.05	3.324	186.6	128.0940314	32.75
196.6	130.8759536	33.06	3.02	189.5	128.4855767	32.71
184.5	128.016195	33.29	3.299	179.7	128.4855767	32.95
191.5	128.9499403	33.03	3.232	185.5	128.031795	32.71
175.5	129.6477719	32.52	4.037	172.9	130.7322487	32.2
194.4	129.9116845	32.74	3.154	188	128.2417275	32.44
202.7	134.6805694	33.2	3.03	196.5	130.8276183	32.9
206.1	137.5898354	33.45	3.509	197.4	131.2783518	33.12
212	144.1921397	33.33	3.964	206.3	137.780123	32.92
220.5	158.0363201	33.09	3.092	214.7	147.9694733	32.59
231.4	187.0083138	33.02	2.024	222.3	161.7949854	32.57
249	159.5258496	33.14	2.652	238.8	177.3788901	32.69
244.4	166.4581678	33.08	3.702	237.7	179.9029136	32.64
208.7	140.2401479	33.18	3.679	201.4	133.7233811	32.82
208.1	139.5939084	32.86	3.122	199.6	132.5319155	32.56
203.3	135.1505606	32.43	3.227	196	130.5924354	32.18
219.1	155.335435	32.23	3.285	211.2	143.1699306	32.01
206.3	137.780123	32.26	3.653	201.7	133.9369487	32.01
221.7	160.5047386	32.71	2.857	214.8	148.1195561	32.45
197.2	131.1751217	33.03	2.97	190.2	128.6298991	32.71
206.2	137.6847037	33.36	3.417	200.5	133.1085592	32.99
232.2	189.8495428	33.49	3.59	223.4	164.2624968	33.08
186.8	128.1104281	33.53	3.268	183	128.065931	33.14
193.7	129.6477719	33.39	3.692	189.2	128.4296876	33.03
184	128.0230196	33.24	3.692	180.6	128.328602	32.88
189.6	128.5050003	33.07	3.002	183.7	128.031795	32.77
193.4	129.5409061	33.2	3.018	187.1	128.1379589	32.84
207.6	139.0715101	33.33	2.789	202	134.1548834	32.93
225.9	170.4007875	33.97	2.449	214.8	148.1195561	33.68
209.8	141.481181	34.45	2.742	201	133.4453614	34.09
217.3	152.1263931	34.48	2.445	212.6	144.9870876	34.1
195.7	130.4564935	34.47	2.768	191.4	128.9229071	34.17
201.3	133.6531567	34.41	3.908	196	130.5924354	33.99
210.9	142.7974765	34.03	4.13	206	137.4955162	33.52
213.1	145.6685335	33.71	3.71	207.1	138.5635199	33.27
215.1	148.5743588	33.11	3.957	208.6	140.1309578	32.74
204.1	135.8056071	32.79	3.781	198.8	132.0507649	32.51
199.9	132.7199372	32.98	3.474	193.6	129.6117355	32.65
205.5	137.032099	33.24	3.874	198.6	131.9350344	32.88

4.219	188.8	128.3607156	135.684136	Yes
3.425	208.3	139.8069561	145.6644203	Yes
4.697	182.4	128.1104281	131.5914844	Yes
4.373	201.4	133.7233811	140.6560311	Yes
4.452	207.3	138.7650022	148.5620935	Yes
4.427	217.9	153.1644801	155.2876175	Yes
3.7	211.3	143.2953883	152.3041669	Yes
4.188	222.5	162.2336611	161.7012575	Yes
4.034	227.5	174.7556358	171.4671561	Yes
3.48	222.7	162.6767095	160.9731312	Yes
5.086	225.1	168.3521774	167.3271952	Yes
4.713	212.1	144.3229273	150.9335907	Yes
4.124	192.5	129.2425815	133.7025084	Yes
3.643	196.7	130.9247236	136.692437	Yes
4.051	184.8	128.0167799	131.4221177	Yes
3.693	190.4	128.6747234	134.658416	Yes
4.583	179.1	128.6080861	129.9208676	Yes
3.735	196.7	130.9247236	140.3882421	Yes
3.577	203.1	134.9918873	141.8332813	Yes
3.814	206.4	137.8760949	147.0685437	Yes
4.745	211.3	143.2953883	151.9129401	Yes
3.706	218.5	154.2338617	157.4210155	Yes
2.495	228.9	178.8700569	174.1260814	Yes
3.213	247.7	161.3209223	160.1488094	Yes
4.446	241	172.724134	165.4464366	Yes
4.115	207.2	138.6639767	148.4160295	Yes
3.745	206.5	137.9726212	148.5245223	Yes
3.653	201.5	133.7940871	141.8428564	Yes
3.946	216.1	150.1407104	154.2290124	Yes
4.145	205.9	137.4017445	146.2992013	Yes
3.315	221.7	160.5047386	158.6774422	Yes
3.359	197.6	131.3833467	135.8541577	Yes
3.828	210.2	141.9509679	147.4487238	Yes
4.261	228.8	178.5661959	175.1598375	Yes
3.905	188.9	128.3773651	132.6337321	Yes
4.074	195.6	130.4120364	136.3918886	Yes
4.269	186.5	128.0864199	130.5891964	Yes
3.495	189.6	128.5050003	131.2492645	Yes
3.811	193	129.4042052	134.2588685	Yes
3.085	207.3	138.7650022	148.0062537	Yes
2.983	220.8	158.6397721	160.0759694	Yes
2.857	209.4	141.0213439	147.5757147	Yes
2.706	220	157.0502204	157.0960165	Yes
3.203	197.5	131.3306282	134.8643035	Yes
4.481	202.9	134.8352272	140.084018	Yes
4.881	212.3	144.586539	149.688441	Yes
4.48	214.2	147.2303008	153.3807661	Yes
4.256	214.1	147.0846926	152.6233434	Yes
4.47	203.8	135.5561236	144.3541634	Yes
4.01	199.8	132.6567999	138.4388803	Yes
4.354	205.7	137.2158368	146.5923353	Yes

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3.341

9/11/2019	12:57	34.17	2.218
9/11/2019	12:58	33.99	2.011
9/11/2019	12:59	34.31	2.387
9/11/2019	13:00	34.42	2.436
9/11/2019	13:01	34.34	2.389
9/11/2019	13:02	34.13	1.917
9/11/2019	13:03	34.06	1.703
9/11/2019	13:04	34.19	1.942
9/11/2019	13:05	34.33	2.204
9/11/2019	13:06	34.41	1.884
9/11/2019	13:07	34.75	2.102
9/11/2019	13:08	34.52	1.994
9/11/2019	13:09	34.22	1.294
9/11/2019	13:10	34.52	1.729
9/11/2019	13:11	34.92	2.173
9/11/2019	13:12	34.92	2.907
9/11/2019	13:13	34.8	2.049
9/11/2019	13:14	35.04	1.752
9/11/2019	13:15	35.25	1.671
9/11/2019	13:16	35.31	2.059
9/11/2019	13:17	35.41	2.335
9/11/2019	13:18	35.13	2.617
9/11/2019	13:19	34.83	2.993
9/11/2019	13:20	34.76	2.538
9/11/2019	13:21	34.96	2.539
9/11/2019	13:22	34.98	2.567
9/11/2019	13:23	35.08	2.252
9/11/2019	13:24	34.98	2.506
9/11/2019	13:25	34.96	1.843
9/11/2019	13:26	34.6	2.96
9/11/2019	13:27	33.91	2.823
9/11/2019	13:28	33.56	2.085
9/11/2019	13:29	33.48	2.077
9/11/2019	13:30	33.4	2.333
9/11/2019	13:31	33.24	2.065
9/11/2019	13:32	33.16	2.508
9/11/2019	13:33	33.11	2.32
9/11/2019	13:34	33.17	2.195
9/11/2019	13:35	33.46	2.823
9/11/2019	13:36	33.48	2.418
9/11/2019	13:37	33.64	2.317
9/11/2019	13:38	33.53	2.101
9/11/2019	13:39	33.45	1.673
9/11/2019	13:40	33.84	2.458
9/11/2019	13:41	34.11	2.954
9/11/2019	13:42	34.24	3.122
9/11/2019	13:43	34.26	2.709
9/11/2019	13:44	34.67	1.797
9/11/2019	13:45	34.81	2.043
9/11/2019	13:46	34.96	2.015
9/11/2019	13:47	35.12	2.472

218.4	154.0534207	33.92	2.612
239.9	174.9883145	33.71	2.502
251.4	156.5227599	34.03	2.689
240.3	174.1507045	34.13	2.444
245.6	164.489319	34.02	2.719
239.9	174.9883145	33.82	2.23
243.7	167.6628412	33.76	2.03
252.1	155.7190033	33.88	2.248
256.1	151.7051686	34.01	2.558
245.7	164.3305874	34.07	2.091
227.4	174.472931	34.42	2.54
212.6	144.9870876	34.23	2.285
232.5	190.9470722	33.86	1.554
227.3	174.1916691	34.2	2.215
202.7	134.6805694	34.64	2.601
205.2	136.7605319	34.61	3.457
214.5	147.6715655	34.48	3.129
221.6	160.2933984	34.74	2.086
202.5	134.5279034	35.01	2.277
219.9	156.8559046	35.03	2.569
248.1	160.7554768	35.13	2.58
238.5	178.0537144	34.81	3.361
254.8	152.9052402	34.49	3.368
233.1	192.0882584	34.41	3.072
239.9	174.9883145	34.61	2.959
236.5	182.8176355	34.62	2.875
250.8	157.2370948	34.71	2.523
255.5	152.2469608	34.63	2.749
233.1	192.0882584	34.6	2.188
235.8	184.5997584	34.29	3.594
223.3	164.0325631	33.63	3.474
229.5	180.726811	33.28	2.595
230.8	184.9559525	33.21	2.466
215.6	149.347741	33.17	2.862
207.8	139.278727	33.02	2.468
232.7	191.6887683	32.96	3.07
225.9	170.4007875	32.92	2.711
229.3	180.1014276	33	3.098
219.1	155.335435	33.3	3.321
214.9	148.2703958	33.34	2.694
218.2	153.695204	33.47	2.837
221.1	159.2522329	33.38	2.454
225.9	170.4007875	33.23	2.062
239.6	175.6274687	33.65	2.938
241.6	171.5400605	33.9	3.442
263.1	146.8129126	34	3.595
249.3	159.1288318	34.01	2.825
255	152.7142528	34.44	2.34
246.7	162.7870502	34.57	2.471
222.3	161.7949854	34.68	2.291
218.5	154.2338617	34.82	2.811

193.3	129.506112	33.48	2.773
218	153.3405134	33.32	2.735
226.4	171.7238383	33.66	3.185
219.1	155.335435	33.65	2.828
218.4	154.0534207	33.52	3.065
221.5	160.0831011	33.39	2.664
220	157.0502204	33.39	2.471
225.6	169.6228634	33.49	2.66
227.9	175.9010607	33.55	3.179
230.8	184.9559525	33.61	2.739
204.6	136.2317817	33.99	2.985
188	128.2417275	33.68	2.591
197.2	131.1751217	33.35	1.686
203.7	135.4739906	33.79	2.439
177.5	129.00522	34.18	2.963
183.1	128.0598829	34.09	4.114
194.3	129.8727295	33.97	3.57
199.2	132.2876789	34.3	2.269
179.3	128.565657	34.53	2.607
197.5	131.3306282	34.55	3.034
228.8	178.5661959	34.59	3.086
215.4	149.0360615	34.29	3.89
233.2	191.7923969	33.99	3.89
213.3	145.9460296	33.96	3.661
211.8	143.9325875	34.16	3.34
218.6	154.4151969	34.11	3.237
228	176.1911131	34.23	2.741
231.9	188.7697038	34.1	3.173
208.4	139.914364	34.09	2.316
210.2	141.9509679	33.82	4.192
201.1	133.514148	33.22	4.007
201.9	134.0817512	32.95	2.952
203.3	135.1505606	32.9	2.277
188.2	128.2691098	32.85	3.394
180.5	128.3444613	32.7	2.927
206.6	138.0697036	32.68	3.422
203.7	135.4739906	32.69	2.913
203.5	135.3112579	32.78	3.509
193.8	129.6842235	33.1	3.587
191	128.8188092	33.11	3.036
200.8	133.3092177	33.23	2.947
198.7	131.9926732	33.05	2.73
203.1	134.9918873	32.95	2.168
215.3	148.8813884	33.34	3.308
218.2	153.695204	33.57	3.581
237.3	180.8553063	33.61	4.392
226.7	172.5339195	33.66	3.285
231.1	185.9739218	34.1	2.831
225.2	168.6037636	34.21	2.554
198.2	131.7089882	34.27	2.486
188	128.2417275	34.34	3.317

191.9	129.0621204	33.19	3.35	186.5	128.0864199	32.82
218.7	154.5974305	33.05	3.084	209.4	141.0213439	32.74
225.4	169.1107479	33.37	3.489	218.5	154.2338617	33.06
218.1	153.51742	33.28	3.252	212	144.1921397	32.86
214.9	148.2703958	33.12	3.404	208.6	140.1309578	32.7
221.4	159.8738411	33.06	2.852	211.1	143.0451277	32.74
220.5	158.0363201	33.1	2.679	211.4	143.4215034	32.79
224.4	166.6259865	33.19	2.969	215.7	149.5047542	32.92
225.5	169.3661605	33.21	3.326	219.7	156.470139	32.82
229.1	179.4825368	33.24	2.767	219.7	156.470139	32.82
202	134.1548834	33.63	3.331	195	130.1542428	33.29
182.4	128.1104281	33.32	3.002	178.9	128.6521114	32.91
189.9	128.565657	32.95	1.99	185.9	128.0489586	32.6
202.9	134.8352272	33.39	2.749	196.4	130.7797169	33.11
172.9	130.7322487	33.77	3.482	169.8	132.4088779	33.41
175.3	129.7210908	33.7	4.519	174	130.2384741	33.33
190	128.5866722	33.6	4.057	184.9	128.0177548	33.26
194.2	129.8341932	33.95	2.621	191.9	129.0621204	33.66
173.5	130.4564935	34.2	2.935	170.8	131.8211113	33.89
193.5	129.5761138	34.18	3.332	188.4	128.2980674	33.88
226.8	172.8067032	34.19	3.29	219.2	155.5222256	33.75
213	145.5308449	33.89	4.317	207.2	138.6639767	33.42
229.1	179.4825368	33.61	4.342	223.9	165.4295013	33.12
212.4	144.7193684	33.59	3.879	204	135.7219305	33.14
207.2	138.6639767	33.75	3.881	201.6	133.8652759	33.28
213.5	146.2263702	33.67	3.713	208.9	140.4603245	33.2
226.9	173.0808789	33.81	3.087	220.3	157.6389568	33.36
228.9	178.8700569	33.7	3.412	221.7	160.5047386	33.18
205.9	137.4017445	33.66	2.772	200.8	133.3092177	33.2
205.8	137.3085186	33.49	4.64	198.9	132.1093104	33.11
197.3	131.2265166	32.98	4.432	193.5	129.5761138	32.66
202.1	134.2285045	32.75	3.274	195.4	130.3244035	32.48
202.8	134.7576487	32.69	3.058	195.2	130.2384741	32.42
184.3	128.0177548	32.66	3.825	180.3	128.3773651	32.41
173.5	130.4564935	32.51	3.387	173.2	130.5924354	32.29
204.2	135.8898012	32.52	3.804	197	131.0736496	32.35
203.1	134.9918873	32.54	3.537	195.2	130.2384741	32.36
201	133.4453614	32.64	3.836	195.5	130.3680067	32.46
189.2	128.4296876	32.95	4.392	185.2	128.0230196	32.75
187.1	128.1379589	32.97	3.517	183.4	128.0440822	32.76
199.8	132.6567999	33.06	3.578	192	129.0911795	32.87
194.3	129.8727295	32.86	3.229	190	128.5866722	32.61
200	132.7835393	32.75	2.603	192.1	129.120645	32.57
214.3	147.3766469	33.1	3.819	205.7	137.2158368	32.87
216.3	150.4634796	33.28	4.379	211.2	143.1699306	32.99
236	184.0842372	33.29	4.78	229.2	179.7911758	32.92
224.1	165.9045121	33.33	3.591	215.9	149.8211447	33
228	176.1911131	33.74	2.985	217.8	152.989316	33.4
226.6	172.2625195	33.86	2.989	216.8	151.2846063	33.51
194.9	130.1127622	33.92	2.914	188.9	128.3773651	33.58
183.5	128.0395961	33.94	3.752	178.4	128.7691755	33.53

3.779	193.4	129.5409061	134.0497958	Yes
3.524	216.4	150.6260744	154.9147353	Yes
4.208	223.5	164.4935779	163.2169571	Yes
3.609	218.3	153.8738695	156.2139137	Yes
4.126	213.7	146.5095784	150.6907343	Yes
3.322	218.8	154.7805667	158.5541902	Yes
3.085	219.8	156.6625457	156.5666862	Yes
3.403	222.5	162.2336611	160.7412537	Yes
3.974	224.9	167.8527808	164.2590619	Yes
3.487	226	170.6627261	171.1803884	Yes
3.865	200.9	133.3770516	141.6781781	Yes
3.506	183.1	128.0598829	131.6102475	Yes
2.149	190.3	128.6521114	141.4777842	Yes
3.133	202.3	134.3772185	141.9315645	Yes
4.171	176.7	129.2425815	131.2138995	Yes
5.232	177.6	128.9773778	130.7514715	Yes
4.428	192.3	129.1807975	132.6659039	Yes
2.911	199.9	132.7199372	136.8394656	Yes
3.396	176.5	129.3060009	130.9354332	Yes
3.804	192.3	129.1807975	135.0483023	Yes
3.935	224.9	167.8527808	167.1006765	Yes
5.149	214.6	147.8201441	151.8209483	Yes
5.22	227.5	174.7556358	172.8730622	Yes
4.733	209.9	141.5976893	152.0146552	Yes
4.494	207.5	138.968767	146.0837843	Yes
4.223	213	145.5308449	153.8900744	Yes
3.528	229.1	179.4825368	168.7261161	Yes
4.048	227.4	174.472931	170.9728782	Yes
2.949	206.8	138.2655439	148.1958257	Yes
5.249	203.9	135.6387698	146.321465	Yes
5.222	197.1	131.1241663	137.8947015	Yes
3.909	201.8	134.0091067	142.6741154	Yes
3.257	201.1	133.514148	143.7233568	Yes
4.485	184.3	128.0177548	132.4059451	Yes
3.86	179.1	128.6080861	131.4560407	Yes
4.504	203.6	135.3923691	146.4228584	Yes
4.071	202.2	134.3026158	141.0815511	Yes
4.409	198.9	132.1093104	142.2670728	Yes
4.818	189.9	128.565657	134.0076045	Yes
4.098	188.1	128.2552218	132.3052936	Yes
3.868	199.1	132.2277664	136.1960335	Yes
3.891	196	130.5924354	136.0593486	Yes
2.973	202.3	134.3772185	140.3348155	Yes
4.328	213.5	146.2263702	151.0655422	Yes
4.945	215.2	148.7274886	153.5192327	Yes
5.679	236.4	183.0684457	174.9224155	Yes
4.23	223.4	164.2624968	162.330181	Yes
3.625	223.1	163.5761126	166.2889433	Yes
3.265	223.2	163.8037704	163.748342	Yes
3.263	194.1	129.7960751	136.3580352	Yes
4.368	185.6	128.0355004	133.4639723	Yes

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9/11/2019	13:48	35.09	1.547
9/11/2019	13:49	35.4	1.789
9/11/2019	13:50	35.44	1.783
9/11/2019	13:51	35.72	2.149
9/11/2019	13:52	35.54	1.994
9/11/2019	13:53	35.47	2.462
9/11/2019	13:54	35.2	3.496
9/11/2019	13:55	35.01	2.896
9/11/2019	13:56	35.19	2.512
9/11/2019	13:57	35.29	2.575
9/11/2019	13:58	35.46	2.211
9/11/2019	13:59	35.51	2.852
9/11/2019	14:00	35.45	1.837
9/11/2019	14:01	35.28	2.805
9/11/2019	14:02	34.92	2.202
9/11/2019	14:03	34.74	2.474
9/11/2019	14:04	34.43	1.801
9/11/2019	14:05	34.81	2.153
9/11/2019	14:06	35.11	3.4
9/11/2019	14:07	34.65	3.342
9/11/2019	14:08	34.23	2.437
9/11/2019	14:09	33.87	2.491
9/11/2019	14:10	33.48	2.111
9/11/2019	14:11	33.44	1.922
9/11/2019	14:12	33.79	2.088
9/11/2019	14:13	33.68	2.445
9/11/2019	14:14	33.57	2.633
9/11/2019	14:15	33.82	2.279
9/11/2019	14:16	34.49	2.148
9/11/2019	14:17	34.39	2.48
9/11/2019	14:18	33.98	2.852
9/11/2019	14:19	33.95	3.332
9/11/2019	14:20	33.95	2.67
9/11/2019	14:21	34.05	2.113
9/11/2019	14:22	34.59	2.16
9/11/2019	14:23	34.67	2.933
9/11/2019	14:24	34.31	2.394
9/11/2019	14:25	34.18	2.258
9/11/2019	14:26	34.12	1.855
9/11/2019	14:27	33.9	1.557
9/11/2019	14:28	33.63	2.298
9/11/2019	14:29	33.29	2.751
9/11/2019	14:30	32.98	3.224
9/11/2019	14:31	32.9	2.843
9/11/2019	14:32	32.83	1.941
9/11/2019	14:33	32.83	1.603
9/11/2019	14:34	32.91	1.883
9/11/2019	14:35	32.91	2.754
9/11/2019	14:36	32.78	2.023
9/11/2019	14:37	32.7	1.585
9/11/2019	14:38	32.76	2.428

228.3	177.070287	34.77	2.111
214	146.9398193	35.08	2.219
219.5	156.0881634	35.14	2.112
242.9	169.0922914	35.47	2.527
229	179.1755005	35.22	2.471
199	132.1683105	35.17	2.822
217.7	152.8150171	34.91	3.936
218.5	154.2338617	34.68	3.487
241.8	171.1531239	34.9	2.928
233.1	192.0882584	34.97	2.626
239.6	175.6274687	35.12	2.428
225.1	168.3521774	35.19	3.092
226.3	171.4565408	35.07	2.395
223.7	164.9592071	34.92	3.333
224.8	167.6049563	34.59	2.727
230	182.3192244	34.46	2.954
228.7	178.2639076	34.15	2.269
243.6	167.8384137	34.53	2.468
250.9	157.1163888	34.84	3.79
247.6	161.4641376	34.37	3.436
236.7	182.3197334	33.95	2.725
223.9	165.4295013	33.62	3.358
220.2	157.4417417	33.25	2.499
247.2	162.0444998	33.21	2.464
250.5	157.6032138	33.59	2.37
256.7	151.183739	33.51	2.827
238.4	178.2808867	33.38	3.04
218	153.3405134	33.6	2.814
228	176.1911131	34.33	2.816
233.7	190.3353042	34.26	3.337
231.7	188.0594614	33.77	3.608
227.7	175.3254093	33.72	3.663
240.5	173.7380647	33.74	3.267
230.6	184.28627	33.81	2.609
244.7	165.9547117	34.39	2.555
246.2	163.5489495	34.49	3.274
240.7	173.3294827	34.1	2.768
247.1	162.1914802	33.97	2.399
240.9	172.92492	33.93	2.249
247.9	161.0367221	33.69	1.784
252.5	155.273777	33.45	2.64
245.9	164.0155381	33.11	2.962
250.9	157.1163888	32.82	3.497
262	147.415851	32.74	2.837
256	151.7940443	32.69	2.279
259.9	148.733998	32.69	1.891
237.3	180.8553063	32.79	2.472
251.3	156.6401729	32.79	2.753
245.3	164.9703808	32.65	2.679
211.8	143.9325875	32.59	2.201
223.7	164.9592071	32.65	2.767

201.8	134.0091067	34.27	2.277
194.4	129.9116845	34.57	2.621
195.6	130.4120364	34.59	2.316
219.6	156.2786798	34.95	2.926
205.7	137.2158368	34.66	3.007
181.1	128.2552218	34.6	3.444
195.6	130.4120364	34.36	4.973
195.1	130.1961465	34.2	3.65
218.1	153.51742	34.44	3.333
209.5	141.1353782	34.49	3.038
213.6	146.3676144	34.61	2.558
196.5	130.8276183	34.66	3.699
204.6	136.2317817	34.48	2.614
198.8	132.0507649	34.34	3.679
201.9	134.0817512	34.1	3.571
208.4	139.914364	34.02	3.069
204.9	136.4937737	33.77	2.118
219.3	155.7099409	34.17	2.633
224.6	167.1130196	34.41	4.465
224.9	167.8527808	33.93	3.603
213.8	146.6522652	33.61	3.239
199	132.1683105	33.32	3.555
200.7	133.2418584	32.95	2.748
219.6	156.2786798	32.97	2.407
225.2	168.6037636	33.35	2.713
232.2	189.8495428	33.22	3.114
213.6	146.3676144	33.15	3.309
193.9	129.7210908	33.4	3.026
204.3	135.9745142	34.14	3.119
207	138.4636301	33.93	3.895
209.4	141.0213439	33.45	4.107
202.2	134.3026158	33.42	3.857
212.4	144.7193684	33.4	3.417
209	140.5713153	33.52	3.224
218.9	154.96461	34.11	2.767
221.5	160.0831011	34.08	3.961
216.6	150.9537025	33.71	2.867
225.2	168.6037636	33.62	2.532
217.2	151.9563603	33.57	2.479
225.9	170.4007875	33.38	1.914
228.9	178.8700569	33.16	3.124
227.1	173.6334397	32.86	3.386
231.7	188.0594614	32.62	4.125
237.8	179.6677453	32.58	3.297
231.8	188.4136263	32.52	2.51
234.5	188.0789318	32.54	2.173
212.2	144.4543929	32.64	2.593
229.6	181.0419634	32.62	3.272
221.4	159.8738411	32.49	3.141
191.1	128.8442293	32.45	2.246
199.8	132.6567999	32.52	2.994

198	131.5986579	33.85	2.633	192.8	129.3383252	33.44
188	128.2417275	34.11	2.933	185.5	128.031795	33.71
189.6	128.5050003	34.11	2.662	184.5	128.016195	33.71
216.4	150.6260744	34.5	3.223	210.4	142.1896378	34.1
199.4	132.4088779	34.19	3.212	196.8	130.9739291	33.73
177	129.1505175	34.15	3.866	173.7	130.3680067	33.74
189.7	128.5248214	33.95	5.161	186.3	128.0723698	33.56
192.1	129.120645	33.84	4.496	187.4	128.1690162	33.51
215.4	149.0360615	34.07	3.697	209.4	141.0213439	33.67
206.6	138.0697036	34.12	3.376	200.2	132.9121422	33.68
211.1	143.0451277	34.2	3.128	205.5	137.032099	33.74
191.1	128.8442293	34.24	3.931	187.4	128.1690162	33.79
199.7	132.5941263	34.02	3.189	196.3	130.7322487	33.6
193.7	129.6477719	33.9	4.284	190.2	128.6298991	33.44
197.1	131.1241663	33.76	3.644	189.5	128.4855767	33.45
207.6	139.0715101	33.75	3.646	199.6	132.5319155	33.43
203.8	135.5561236	33.5	2.808	197.1	131.1241663	33.2
216	149.9805289	33.86	3.163	208.8	140.3499361	33.57
221.3	159.6656133	34.06	4.817	215.9	149.8211447	33.67
221.5	160.0831011	33.63	4.222	213.7	146.5095784	33.21
211	142.9209771	33.38	3.551	202	134.1548834	33.11
196	130.5924354	33.14	4.063	190.8	128.7691755	32.88
200.2	132.9121422	32.78	3.37	191.2	128.870052	32.54
216.5	150.7894808	32.82	2.977	208.3	139.8069561	32.62
223.4	164.2624968	33.14	3.051	215.3	148.8813884	32.94
231.9	188.7697038	33.02	3.474	222.4	162.0137796	32.77
209.3	140.9079226	32.98	3.841	202.4	134.4523139	32.77
191.2	128.870052	33.19	3.573	185.3	128.0255546	33.03
199	132.1683105	33.95	3.682	193.2	129.4717308	33.79
203.4	135.2306555	33.73	4.232	197.8	131.490113	33.47
206	137.4955162	33.25	4.45	199.5	132.4701664	32.98
197.8	131.490113	33.21	4.549	194.2	129.8341932	32.94
208.8	140.3499361	33.18	4.129	203.8	135.5561236	32.92
206.4	137.8760949	33.28	3.377	198.2	131.7089882	33.04
217.2	151.9563603	33.87	3.278	208.5	140.0223639	33.64
217.6	152.6415793	33.81	4.185	212	144.1921397	33.46
215	148.4219956	33.46	3.446	207.3	138.7650022	33.14
225.6	169.6228634	33.39	2.948	215.1	148.5743588	33.1
214.4	147.5237341	33.34	2.815	207.9	139.3832047	33.08
229.7	181.3587702	33.2	2.174	216.1	150.1407104	33.02
228.5	177.6640101	33.03	3.297	219.5	156.0881634	32.83
224.7	167.3583715	32.75	3.726	216.1	150.1407104	32.57
230.8	184.9559525	32.53	4.531	223.5	164.4935779	32.36
237.2	181.0963649	32.48	3.637	227.4	174.472931	32.31
233.4	191.2051427	32.42	2.824	221.2	159.4584123	32.26
233.9	189.7626755	32.44	2.345	223.3	164.0325631	32.3
212.4	144.7193684	32.55	3.09	203.1	134.9918873	32.43
229.3	180.1014276	32.54	3.615	219.3	155.7099409	32.41
220	157.0502204	32.41	3.338	211.3	143.2953883	32.29
191	128.8188092	32.38	2.873	183.7	128.031795	32.29
196.1	130.6386087	32.46	3.461	191.9	129.0621204	32.38

2.976	199.2	132.2876789	140.8608111	Yes
3.406	192.4	129.2114853	132.4673023	Yes
2.921	191	128.8188092	134.3680409	Yes
3.861	215.8	149.6625543	153.5698475	Yes
3.965	200.7	133.2418584	142.6032005	Yes
4.505	178.7	128.6977354	129.7279584	Yes
5.947	192	129.0911795	133.7830848	Yes
4.659	195	130.1542428	134.3747824	Yes
4.363	215.9	149.8211447	152.9098188	Yes
3.995	206.9	138.3643054	148.5139575	Yes
3.415	212	144.1921397	149.2528899	Yes
4.592	192.1	129.120645	137.0627372	Yes
3.5	204.6	136.2317817	141.4492959	Yes
5.014	194.2	129.8341932	137.0243672	Yes
4.599	196.9	131.0235708	138.4640043	Yes
4.206	206.9	138.3643054	146.4402639	Yes
2.977	207	138.4636301	143.9803203	Yes
3.662	215	148.4219956	152.460163	Yes
5.802	220.5	158.0363201	158.3504973	Yes
5.09	218.3	153.8738695	157.9566935	Yes
4.241	209.2	140.7951122	149.3685943	Yes
4.773	194.9	130.1127622	137.414437	Yes
3.98	197.2	131.1751217	136.7281832	Yes
3.393	213.3	145.9460296	150.9731292	Yes
3.762	221.9	160.9305691	160.0562863	Yes
4.083	229.4	180.4133026	174.4460136	Yes
4.458	209.1	140.6829105	148.1383296	Yes
3.866	193.6	129.6117355	133.9137893	Yes
4.242	200	132.7835393	141.3178416	Yes
5.079	204.6	136.2317817	146.3502969	Yes
5.484	204.7	136.3185854	147.0730147	Yes
5.086	199.6	132.5319155	140.6968494	Yes
4.631	210.3	142.0699862	147.2866958	Yes
4.161	204.7	136.3185854	146.1522508	Yes
3.829	219.1	155.335435	153.6466962	Yes
4.97	216.4	150.6260744	154.2183688	Yes
3.873	213.2	145.8069274	151.4554221	Yes
3.342	224.9	167.8527808	163.3690494	Yes
3.169	216.3	150.4634796	152.4503397	Yes
2.485	227.6	175.0397923	167.5953565	Yes
3.982	227.3	174.1916691	168.4175353	Yes
4.396	223.4	164.2624968	163.8821113	Yes
5.399	229	179.1755005	174.7601762	Yes
4.284	234.6	187.8032029	174.091219	Yes
3.276	227.6	175.0397923	173.1822036	Yes
2.798	231	185.6327901	175.2481917	Yes
3.409	211.9	144.0620273	149.8165964	Yes
4.299	225.2	168.6037636	168.4194537	Yes
4.131	216.8	151.2846063	155.2948874	Yes
3.011	188.6	128.328602	131.5912046	Yes
3.849	195.9	130.5466922	137.5726857	Yes

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3.854

9/11/2019	14:39	32.89	2.251
9/11/2019	14:40	33.01	1.872
9/11/2019	14:41	33.41	1.801
9/11/2019	14:42	34.14	1.525
9/11/2019	14:43	34.69	2.201
9/11/2019	14:44	34.87	2.016
9/11/2019	14:45	34.6	2.308
9/11/2019	14:46	34.48	2.371
9/11/2019	14:47	34.45	2.92
9/11/2019	14:48	34.72	2.979
9/11/2019	14:49	34.84	2.782
9/11/2019	14:50	34.74	3.227
9/11/2019	14:51	34.3	2.863
9/11/2019	14:52	33.81	2.796
9/11/2019	14:53	33.88	2.582
9/11/2019	14:54	33.89	2.232
9/11/2019	14:55	33.61	2.305
9/11/2019	14:56	33.37	1.466
9/11/2019	14:57	33.53	1.292
9/11/2019	14:58	33.77	1.777
9/11/2019	14:59	33.64	2.021
9/11/2019	15:00	33.4	2.423
9/11/2019	15:01	33.14	1.952
9/11/2019	15:02	32.98	2.21
9/11/2019	15:03	32.89	2.225
9/11/2019	15:04	33.18	1.857
9/11/2019	15:05	33.73	1.782
9/11/2019	15:06	34.03	2.088
9/11/2019	15:07	33.84	2.929
9/11/2019	15:08	33.87	2.384
9/11/2019	15:09	34.2	2.418
9/11/2019	15:10	34.31	2.174
9/11/2019	15:11	34.13	2.218
9/11/2019	15:12	33.87	2.676
9/11/2019	15:13	34.01	2.17
9/11/2019	15:14	34.31	2.338
9/11/2019	15:15	34.65	2.402
9/11/2019	15:16	34.68	2.502
9/11/2019	15:17	34.66	2.744
9/11/2019	15:18	34.74	1.603
9/11/2019	15:19	34.87	2.062
9/11/2019	15:20	34.98	1.827
9/11/2019	15:21	35.05	1.543
9/11/2019	15:22	35.15	1.417
9/11/2019	15:23	35.05	1.197
9/11/2019	15:24	34.71	1.541
9/11/2019	15:25	34.21	2.428
9/11/2019	15:26	33.99	1.917
9/11/2019	15:27	34.24	1.564
9/11/2019	15:28	34.64	2.301
9/11/2019	15:29	34.7	2.186

240.8	173.1267013	32.79	2.681
239.2	176.4945334	32.91	2.213
260.4	148.3999072	33.28	2.002
242.7	169.4586546	34.03	1.881
251.2	156.7582401	34.61	2.417
244.8	165.7885774	34.78	2.353
242.8	169.2750169	34.46	2.717
256.6	151.2692438	34.29	2.822
238.3	178.509184	34.28	3.085
234.8	187.2558705	34.54	3.425
221.6	160.2933984	34.65	3.597
243.4	168.1922038	34.55	3.578
248	160.8957315	34.11	3.327
252.2	155.6067462	33.61	3.078
250.3	157.8506504	33.67	2.927
246.9	162.4877295	33.72	2.722
252.9	154.8386144	33.45	2.463
245.8	164.1726616	33.19	1.737
237.8	179.6677453	33.33	1.757
233.1	192.0882584	33.64	2.262
210.2	141.9509679	33.52	2.268
209.2	140.7951122	33.27	2.863
209.1	140.6829105	33.01	2.829
232.6	191.31691	32.86	2.61
236.8	182.0726285	32.77	2.465
247.1	162.1914802	33.04	2.115
242.1	170.5798662	33.6	2.251
233.7	190.3353042	33.94	2.344
235.1	186.4450707	33.75	3.392
230.4	183.6236488	33.72	2.804
226	170.6627261	34.08	3.145
209.3	140.9079226	34.18	2.562
236.2	183.5738179	34.03	2.53
224.4	166.6259865	33.73	3.312
247.1	162.1914802	33.85	2.734
248.3	160.4771641	34.17	2.565
229.1	179.4825368	34.52	2.826
235.4	185.6463296	34.54	2.958
235.3	185.9112491	34.5	3.17
233.4	191.2051427	34.56	2.185
254.1	153.5922617	34.71	2.071
248.1	160.7554768	34.8	2.119
255.2	152.5255981	34.89	1.74
225.9	170.4007875	34.98	1.649
236.5	182.8176355	34.88	1.391
230.6	184.28627	34.54	1.941
211.9	144.0620273	34.04	3.168
236	184.0842372	33.83	2.454
222.9	163.1241775	34.09	1.971
219.6	156.2786798	34.52	2.696
212.7	145.1219829	34.57	2.763

215.8	149.6625543	32.65	2.901
221	159.0470698	32.76	2.731
233	192.385621	33.11	2.15
224.6	167.1130196	33.81	2.214
229.7	181.3587702	34.32	2.73
217.3	152.1263931	34.44	2.59
218.1	153.51742	34.07	3.143
228.6	177.9631823	33.97	3.049
216.8	151.2846063	33.99	3.306
212.3	144.586539	34.26	4.094
197.6	131.3833467	34.31	4.191
217.7	152.8150171	34.16	4.208
222.9	163.1241775	33.77	3.49
230.7	184.6202228	33.32	3.4
228.4	177.3663815	33.42	3.201
223.8	165.1937679	33.46	2.967
226.5	171.9924951	33.18	2.764
223	163.3495837	32.96	2.064
211.2	143.1699306	33.12	1.633
209	140.5713153	33.37	2.639
184	128.0230196	33.25	2.449
182.3	128.1192135	33.02	3.212
191.3	128.8962779	32.77	3.033
206.4	137.8760949	32.66	2.999
209.9	141.5976893	32.59	2.606
223.8	165.1937679	32.87	2.54
214.6	147.8201441	33.37	2.589
213.8	146.6522652	33.66	2.455
215.3	148.8813884	33.47	3.791
206.4	137.8760949	33.51	2.631
198.8	132.0507649	33.84	3.715
187.8	128.2159189	33.88	2.975
210.3	142.0699862	33.69	2.895
205.3	136.8505178	33.45	3.488
224.3	166.3842917	33.59	3.413
223.5	164.4935779	33.9	2.562
204.9	136.4937737	34.21	3.149
205.4	136.9410396	34.19	3.141
209.8	141.481181	34.12	3.252
207.5	138.968767	34.17	2.193
228.7	178.2639076	34.29	2.299
226.5	171.9924951	34.39	2.594
231.6	187.7071962	34.42	1.862
197.6	131.3833467	34.49	1.818
215	148.4219956	34.39	1.594
207.1	138.5635199	34.1	2.281
188.8	128.3607156	33.65	3.438
209.6	141.2500277	33.54	3.046
200.7	133.2418584	33.85	2.24
196.5	130.8276183	34.21	3.091
187.6	128.1916822	34.19	3.674

215.2	148.7274886	32.56	3.487	207.3	138.7650022	32.46
221.2	159.4584123	32.67	2.912	211.9	144.0620273	32.56
231.9	188.7697038	32.97	2.452	221	159.0470698	32.84
223.9	165.4295013	33.59	2.431	217.6	152.6415793	33.42
226.9	173.0808789	34.08	3.011	219.9	156.8559046	33.87
215.1	148.5743588	34.18	3.004	206.1	137.5898354	33.89
215	148.4219956	33.82	3.429	207.3	138.7650022	33.5
223.3	164.0325631	33.71	3.526	218.4	154.0534207	33.43
213.3	145.9460296	33.78	3.862	208.2	139.7001382	33.54
207.5	138.968767	34.05	4.34	202.1	134.2285045	33.81
193	129.4042052	34.1	4.578	189.6	128.5050003	33.87
212.5	144.8528837	33.91	4.493	207.4	138.8665983	33.6
219.3	155.7099409	33.59	4.066	214.2	147.2303008	33.34
229.8	181.6772422	33.18	3.808	221.5	160.0831011	32.95
227.2	173.9118416	33.25	3.628	218	153.3405134	33.03
223.2	163.8037704	33.3	3.433	216.3	150.4634796	33.09
227.8	175.6124958	33.04	3.178	218.1	153.51742	32.83
225.3	168.856618	32.83	2.215	212.7	145.1219829	32.65
207.4	138.8665983	32.97	2.248	198.8	132.0507649	32.83
207	138.4636301	33.21	2.809	196.6	130.8759536	33.04
180.7	128.3131374	33.1	2.929	174.2	130.1542428	32.93
177	129.1505175	32.91	3.756	174.4	130.0717042	32.78
189.6	128.5050003	32.68	3.607	183.1	128.0598829	32.55
205.7	137.2158368	32.58	3.268	199.5	132.4701664	32.47
208.4	139.914364	32.5	3.126	201	133.4453614	32.38
222.6	162.4546358	32.75	2.665	212	144.1921397	32.63
212	144.1921397	33.19	2.939	204.8	136.4059155	33.01
212.2	144.4543929	33.46	2.922	203.7	135.4739906	33.29
212.9	145.3938588	33.33	4.261	206.5	137.9726212	33.16
203.9	135.6387698	33.36	3.478	198.3	131.7648252	33.23
192.4	129.2114853	33.67	3.985	190.1	128.6080861	33.51
183.8	128.0284797	33.69	3.408	179.7	128.4855767	33.48
209.1	140.6829105	33.53	3.412	200.8	133.3092177	33.32
200.5	133.1085592	33.3	3.985	197.9	131.5441627	33.12
221	159.0470698	33.41	3.499	213.5	146.2263702	33.2
224.8	167.6049563	33.72	3.219	214	146.9398193	33.51
200.5	133.1085592	34.01	3.662	196	130.5924354	33.77
201	133.4453614	33.98	3.774	195.7	130.4564935	33.72
207.3	138.7650022	33.91	3.886	201.6	133.8652759	33.63
206.7	138.1673439	33.95	2.854	198.7	131.9926732	33.69
226.3	171.4565408	34.04	2.591	219.1	155.335435	33.75
221.8	160.717127	34.13	2.785	213.1	145.6685335	33.85
227.7	175.3254093	34.12	2.267	221	159.0470698	33.77
193.2	129.4717308	34.16	2.138	189.8	128.5450401	33.85
213.3	145.9460296	34.1	1.698	205.5	137.032099	33.81
203.7	135.4739906	33.87	2.62	198.7	131.9926732	33.62
186.5	128.0864199	33.47	4.103	182.6	128.0940314	33.26
207.3	138.7650022	33.4	3.333	198.7	131.9926732	33.26
199.7	132.5941263	33.68	2.594	191.6	128.9773778	33.51
189	128.3944101	33.99	3.536	186	128.0542255	33.77
181.7	128.180153	33.93	3.811	179.2	128.5866722	33.66

3.929	213.5	146.2263702	151.3016233	Yes
3.497	219.5	156.0881634	159.0300413	Yes
2.751	229.2	179.7911758	173.6786955	Yes
2.948	229.4	180.4133026	167.0112115	Yes
3.827	228.9	178.8700569	169.3847702	Yes
3.572	213.2	145.8069274	149.9772184	Yes
4.047	213.6	146.3676144	151.2694098	Yes
4.133	224.3	166.3842917	162.7405403	Yes
4.372	215.3	148.8813884	152.8642693	Yes
5.257	207.5	138.968767	148.8016896	Yes
5.251	195.8	130.5013785	136.0174658	Yes
5.378	212.9	145.3938588	150.0241123	Yes
4.575	221.1	159.2522329	157.2424767	Yes
4.664	227.5	174.7556358	171.3485896	Yes
4.325	224.6	167.1130196	165.9164813	Yes
3.922	223.6	164.7258126	161.334912	Yes
3.789	225.7	169.8808638	165.1683778	Yes
2.697	221.9	160.9305691	160.4862831	Yes
2.341	206.5	137.9726212	146.3455321	Yes
3.372	203.4	135.2306555	147.4459626	Yes
3.325	180.2	128.3944101	131.3671556	Yes
4.275	179.6	128.5050003	131.3283095	Yes
4.253	190.1	128.6080861	130.9504315	Yes
4.143	204.6	136.2317817	147.022158	Yes
3.667	206.1	137.5898354	146.9239757	Yes
3.328	220.6	158.2364782	158.4537004	Yes
3.409	210.8	142.6746234	148.3345378	Yes
3.256	212.1	144.3229273	152.247776	Yes
4.985	212.9	145.3938588	152.8173596	Yes
3.744	204.1	135.8056071	144.9417892	Yes
4.535	192.7	129.3060009	137.9678127	Yes
4.04	185.4	128.0284797	130.7332755	Yes
3.957	205.9	137.4017445	147.4075353	Yes
4.53	204	135.7219305	140.7702313	Yes
4.421	219.2	155.5222256	157.8742875	Yes
3.478	222.9	163.1241775	160.527939	Yes
4.224	200.9	133.3770516	142.6108713	Yes
4.284	203.2	135.0709716	144.3120391	Yes
4.42	208.2	139.7001382	147.9445693	Yes
2.908	207	138.4636301	147.7595114	Yes
3.036	226.5	171.9924951	166.1281281	Yes
3.362	219.7	156.470139	159.1207543	Yes
2.551	229.3	180.1014276	170.9413402	Yes
2.346	197.1	131.1241663	138.1850143	Yes
2.188	218.3	153.8738695	153.6183258	Yes
3.027	206.6	138.0697036	145.6772315	Yes
4.719	189	128.3944101	131.3995209	Yes
3.882	206.7	138.1673439	146.8518568	Yes
3.044	199.2	132.2876789	138.0450438	Yes
3.982	189.9	128.565657	134.4241181	Yes
4.708	184.5	128.016195	131.6193371	Yes

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9/11/2019	15:31	34.7	2.194
9/11/2019	15:32	34.65	2.129
9/11/2019	15:33	34.63	1.849
9/11/2019	15:34	34.73	1.473
9/11/2019	15:35	34.58	2.172
9/11/2019	15:36	34.41	1.552
9/11/2019	15:37	34.2	1.892
9/11/2019	15:38	34.34	1.887
9/11/2019	15:39	34.48	2.192
9/11/2019	15:40	34.18	2.497
9/11/2019	15:41	33.92	2.353
9/11/2019	15:42	33.85	2.571
9/11/2019	15:43	33.78	2.466
9/11/2019	15:44	33.56	2.658
9/11/2019	15:45	33.72	1.713
9/11/2019	15:46	34.05	2.065
9/11/2019	15:47	34.29	2.012
9/11/2019	15:48	34.51	1.853
9/11/2019	15:49	34.54	1.214
9/11/2019	15:50	34.84	1.813
9/11/2019	15:51	34.98	1.681
9/11/2019	15:52	34.98	2.607
9/11/2019	15:53	34.66	2.316
9/11/2019	15:54	34.61	2.283
9/11/2019	15:55	34.64	2.402
9/11/2019	15:56	34.33	2.997
9/11/2019	15:57	33.88	2.774
9/11/2019	15:58	33.83	2.531
9/11/2019	15:59	34.13	2.075
9/11/2019	16:00	34.35	1.638
9/11/2019	16:01	34.64	1.868
9/11/2019	16:02	34.71	2.835
9/11/2019	16:03	34.74	2.242
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9/11/2019	16:05	34.66	2.315
9/11/2019	16:06	34.66	2.613
9/11/2019	16:07	34.6	2.318
9/11/2019	16:08	34.61	1.721
9/11/2019	16:09	34.71	1.779
9/11/2019	16:10	34.74	1.905
9/11/2019	16:11	34.63	1.886
9/11/2019	16:12	34.51	2.903
9/11/2019	16:13	34.3	2.691
9/11/2019	16:14	34.31	2.065
9/11/2019	16:15	34.31	3.079
9/11/2019	16:16	34.31	2.47
9/11/2019	16:17	34.41	2.117
9/11/2019	16:18	34.39	2.014
9/11/2019	16:19	34.5	1.816
9/11/2019	16:20	34.61	2.017

242.6	169.6432085	34.64	2.82
246.4	163.2418433	34.54	2.628
251.5	156.4059988	34.48	2.389
235	186.7139875	34.47	2.196
228	176.1911131	34.59	2.005
232.6	191.31691	34.42	2.394
223.4	164.2624968	34.25	2.18
242.8	169.2750169	34.02	2.383
233.9	189.7626755	34.16	2.037
248	160.8957315	34.34	2.548
230.6	184.28627	34.03	2.957
221.1	159.2522329	33.75	2.793
231.4	187.0083138	33.69	2.852
234.2	188.9144624	33.64	2.932
234.3	188.6345537	33.41	3.039
227.1	173.6334397	33.56	2.214
218.4	154.0534207	33.92	2.717
224.5	166.8688935	34.17	2.402
215.3	148.8813884	34.4	2.401
208.5	140.0223639	34.43	1.319
207.6	139.0715101	34.76	2.124
224.9	167.8527808	34.9	2.2
243.6	167.8384137	34.87	2.7
238	179.2008824	34.51	2.64
251.1	156.8769637	34.44	2.749
235.3	185.9112491	34.48	2.971
244.8	165.7885774	34.17	3.379
240.9	172.92492	33.69	3.115
253.7	153.9979779	33.63	2.644
247.1	162.1914802	33.95	2.193
251.9	155.945431	34.2	2.118
252.9	154.8386144	34.48	1.912
263.2	146.7610226	34.58	2.855
249.6	158.7381263	34.6	2.873
236.5	182.8176355	34.51	2.904
233.9	189.7626755	34.46	2.692
237.8	179.6677453	34.45	3.072
249.8	158.4811294	34.39	2.473
249.8	158.4811294	34.41	1.861
256.6	151.2692438	34.53	2.049
257.2	150.7645356	34.57	1.932
264.6	146.0849588	34.49	2.265
258.8	149.5145601	34.35	2.878
266.8	145.2090977	34.15	2.814
258.2	149.967168	34.13	2.667
255.4	152.3392627	34.13	3.225
263	146.8652868	34.14	2.741
268.5	144.6848135	34.24	2.365
269.7	144.3933148	34.24	2.222
254.2	153.4923338	34.33	2.006
258	150.1223115	34.44	2.489

219.2	155.5222256	34.24	3.095
225.8	170.1401693	34.15	2.736
229	179.1755005	34.08	2.71
212.7	145.1219829	34.07	2.324
202.7	134.6805694	34.19	2.183
209.5	141.1353782	34.02	2.685
200.7	133.2418584	33.88	2.424
220	157.0502204	33.71	2.618
210.3	142.0699862	33.88	2.171
226.3	171.4565408	34.07	3.121
208.7	140.2401479	33.74	3.272
198.7	131.9926732	33.49	3.299
211.3	143.2953883	33.43	3.297
210.1	141.8325805	33.37	2.868
213.3	145.9460296	33.17	3.122
204.1	135.8056071	33.35	2.262
194.3	129.8727295	33.66	2.985
197.7	131.436508	33.88	2.679
191.5	128.9499403	34.07	2.654
188.6	128.328602	34.04	1.695
182.6	128.0940314	34.36	2.572
203.5	135.3112579	34.48	2.576
220.5	158.0363201	34.47	2.987
214.3	147.3766469	34.13	3.063
227.8	175.6124958	34.11	3.435
212.8	145.2575724	34.13	3.721
218.3	153.8738695	33.8	3.64
220.2	157.4417417	33.38	3.507
227.9	175.9010607	33.38	2.725
223.5	164.4935779	33.71	2.439
231.8	188.4136263	33.91	2.37
225.8	170.1401693	34.16	2.228
237.7	179.9029136	34.23	3.118
222.9	163.1241775	34.27	3.52
214.6	147.8201441	34.13	3.215
211	142.9209771	34.09	3.224
215	148.4219956	34.09	3.701
222.1	161.3606366	34.01	2.825
221.7	160.5047386	34.01	2.054
233.1	192.0882584	34.14	2.394
239.4	176.0588609	34.22	2.277
244.3	166.6276829	34.13	2.66
232.9	192.4386028	34.03	3.29
242.6	169.6432085	33.84	3.363
230.3	183.2949574	33.85	2.893
232.4	190.5792409	33.83	3.68
238	179.2008824	33.85	3.321
245.3	164.9703808	33.94	2.78
247	162.3392225	33.93	2.593
233.8	190.048269	34.03	2.23
235.1	186.4450707	34.08	2.853

214.4	147.5237341	33.98	3.62	210.3	142.0699862	33.71
225.9	170.4007875	33.89	3.232	216.5	150.7894808	33.58
224.5	166.8688935	33.8	3.121	218.8	154.7805667	33.47
209.7	141.3652945	33.8	2.758	201.5	133.7940871	33.53
199.3	132.3480491	33.94	2.546	190.7	128.7449612	33.72
207.8	139.278727	33.8	2.959	200.2	132.9121422	33.57
199.1	132.2277664	33.69	2.758	193.1	129.4377621	33.47
218.3	153.8738695	33.54	3.061	210.7	142.5524154	33.36
206.7	138.1673439	33.72	2.628	197.5	131.3306282	33.53
222.4	162.0137796	33.92	3.262	215.4	149.0360615	33.74
207.1	138.5635199	33.6	3.614	198.6	131.9350344	33.39
195.9	130.5466922	33.35	3.571	189	128.3944101	33.18
208.5	140.0223639	33.29	3.706	200.8	133.3092177	33.12
206.9	138.3643054	33.24	3.721	199.6	132.5319155	33.07
213	145.5308449	33.04	3.719	204.8	136.4059155	32.89
204.5	136.145503	33.2	2.878	194.5	129.9510588	33.05
189.4	128.4665503	33.49	3.588	186.3	128.0723698	33.31
192.1	129.120645	33.69	3.085	186.7	128.1020341	33.54
186.6	128.0940314	33.88	3.034	182.5	128.1020341	33.67
184.8	128.0167799	33.82	1.778	179.1	128.6080861	33.6
179.9	128.4479207	34.11	2.923	174.9	129.8727295	33.9
200.5	133.1085592	34.23	2.781	194.7	130.0310681	34.02
215	148.4219956	34.24	3.462	212.1	144.3229273	34
212.8	145.2575724	33.93	3.611	205.7	137.2158368	33.66
222.3	161.7949854	33.91	3.502	215.5	149.1915112	33.67
207.7	139.1748294	33.94	3.813	202.7	134.6805694	33.71
215	148.4219956	33.61	4.414	210.8	142.6746234	33.36
220.3	157.6389568	33.25	3.817	211	142.9209771	33.05
225.8	170.1401693	33.24	3.29	217.6	152.6415793	33.05
222.1	161.3606366	33.55	2.912	214.3	147.3766469	33.35
228.4	177.3663815	33.72	2.731	219.1	155.335435	33.48
224.8	167.6049563	33.94	2.374	215.4	149.0360615	33.72
235.1	186.4450707	34	3.516	230.2	182.967997	33.72
216.6	150.9537025	34.05	3.739	212.5	144.8528837	33.83
210.5	142.3099249	33.89	3.697	205.3	136.8505178	33.64
207.2	138.6639767	33.89	3.482	200.7	133.2418584	33.65
208.9	140.4603245	33.88	4.034	206.5	137.9726212	33.64
218.4	154.0534207	33.78	3.199	211.7	143.8038178	33.53
216.2	150.3016928	33.77	2.32	212.6	144.9870876	33.52
227.8	175.6124958	33.91	2.638	221.7	160.5047386	33.68
235.3	185.9112491	33.98	2.417	228.9	178.8700569	33.75
239.4	176.0588609	33.9	2.875	233	192.385621	33.62
230.3	183.2949574	33.82	3.632	224.3	166.3842917	33.58
240.8	173.1267013	33.64	3.595	233	192.385621	33.37
225.9	170.4007875	33.62	3.313	219.8	156.6625457	33.39
229.7	181.3587702	33.62	4.088	224.6	167.1130196	33.38
237.5	180.3767538	33.63	3.545	229.8	181.6772422	33.39
242.8	169.2750169	33.72	3.048	234.7	187.5288517	33.47
242.6	169.6432085	33.69	2.809	235.5	185.382728	33.45
232.6	191.31691	33.79	2.52	224.8	167.6049563	33.58
231.7	188.0594614	33.86	3.237	223.7	164.9592071	33.62

4.201	216.7	151.1187431	153.1755795	Yes
3.794	224.6	167.1130196	164.3370601	Yes
3.713	225.1	168.3521774	165.1166274	Yes
3.108	208.7	140.2401479	149.4471	Yes
2.773	198.2	131.7089882	140.7347362	Yes
3.615	208.6	140.1309578	148.954823	Yes
3.407	201	133.4453614	138.523049	Yes
3.675	217.1	151.7871691	154.9077383	Yes
3.054	204.6	136.2317817	147.5124831	Yes
4.206	221.3	159.6656133	160.6135453	Yes
4.37	205.2	136.7605319	146.3571008	Yes
4.443	195.2	130.2384741	136.0848965	Yes
4.336	208	139.4882645	148.6247096	Yes
4.071	205.1	136.6710803	147.6628688	Yes
4.301	210.2	141.9509679	151.6936623	Yes
3.239	199.6	132.5319155	141.6135048	Yes
4.054	191.1	128.8442293	133.8618599	Yes
3.597	195.1	130.1961465	137.1448454	Yes
3.617	187.2	128.1479193	132.4350627	Yes
2.094	188.2	128.2691098	130.6489883	Yes
3.206	180.8	128.2980674	130.7568518	Yes
3.317	202.4	134.4523139	140.151196	Yes
3.917	219.6	156.2786798	154.9796673	Yes
4.148	212.1	144.3229273	150.6747732	Yes
4.298	221.6	160.2933984	160.7538709	Yes
4.648	208.2	139.7001382	148.9448717	Yes
4.916	215.9	149.8211447	152.1160421	Yes
4.636	217.8	152.989316	156.7831823	Yes
3.627	225.9	170.4007875	164.6163149	Yes
3.43	223.4	164.2624968	159.9369677	Yes
3.165	228.3	177.070287	170.8262322	Yes
2.987	223.6	164.7258126	161.2691228	Yes
4.095	238	179.2008824	175.0555773	Yes
4.474	219.4	155.8985853	154.7134951	Yes
4.466	212.3	144.586539	150.8769523	Yes
4.248	208.1	139.5939084	148.8366792	Yes
4.704	212.7	145.1219829	150.3289339	Yes
3.777	218.1	153.51742	154.2432849	Yes
2.677	220	157.0502204	154.2649738	Yes
3.247	227.4	174.472931	170.7895335	Yes
3.066	237	181.5820782	174.6373562	Yes
3.67	241.1	172.5243387	170.7362924	Yes
4.196	231.9	188.7697038	176.0804232	Yes
4.317	240	174.7773583	171.0283974	Yes
3.982	226.1	170.9259926	166.2502903	Yes
4.92	231.8	188.4136263	175.9607839	Yes
4.374	236.8	182.0726285	174.0385588	Yes
3.656	243	168.9104738	167.0739074	Yes
3.303	243.1	168.7295603	166.0976068	Yes
2.996	234.2	188.9144624	178.2753863	Yes
3.783	231.3	186.6616714	175.2495444	Yes

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9/11/2019	16:21	34.47	3.255
9/11/2019	16:22	34.33	2.953
9/11/2019	16:23	34.37	2.334
9/11/2019	16:24	34.39	2.265
9/11/2019	16:25	34.46	2.272
9/11/2019	16:26	34.59	2.16
9/11/2019	16:27	34.74	1.76
9/11/2019	16:28	34.76	2.089
9/11/2019	16:29	34.6	2.391
9/11/2019	16:30	34.44	2.373
9/11/2019	16:31	34.11	2.329
9/11/2019	16:32	34.2	2.596
9/11/2019	16:33	34.19	2.628
9/11/2019	16:34	34.22	2.198
9/11/2019	16:35	34.36	2.214
9/11/2019	16:36	34.38	2.277
9/11/2019	16:37	34.45	2.253
9/11/2019	16:38	34.31	2.527
9/11/2019	16:39	34.23	2.176
9/11/2019	16:40	34.26	2.086
9/11/2019	16:41	34.19	3.085
9/11/2019	16:42	34.07	2.116
9/11/2019	16:43	34.12	2.061
9/11/2019	16:44	34.14	2.293
9/11/2019	16:45	34.06	1.822
9/11/2019	16:46	34.06	2.584
9/11/2019	16:47	34.05	2.42
9/11/2019	16:48	34.02	2.618
9/11/2019	16:49	33.86	2.012
9/11/2019	16:50	33.58	2.047
9/11/2019	16:51	33.61	1.735
9/11/2019	16:52	33.82	2.671
9/11/2019	16:53	33.9	2.292
9/11/2019	16:54	33.94	2.245
9/11/2019	16:55	33.88	2.218
9/11/2019	16:56	33.85	2.358
9/11/2019	16:57	33.83	1.938
9/11/2019	16:58	33.85	1.922
9/11/2019	16:59	33.89	2.567
9/11/2019	17:00	33.92	1.767
9/11/2019	17:01	33.98	2.069
9/11/2019	17:02	34	1.908
9/11/2019	17:03	34.04	1.74
9/11/2019	17:04	33.95	2.083
9/11/2019	17:05	33.9	1.6
9/11/2019	17:06	33.93	1.698
9/11/2019	17:07	33.85	1.647
9/11/2019	17:08	33.95	1.592
9/11/2019	17:09	34.05	1.4
9/11/2019	17:10	34.24	1.167
9/11/2019	17:11	34.3	1.387

265.1	145.8660653	34.3	3.396
245.9	164.0155381	34.14	3.473
274.6	143.8656	34.19	2.619
258.9	149.4409821	34.23	2.547
263.9	146.4112828	34.31	2.271
241.5	171.7349716	34.43	2.321
231.3	186.6616714	34.58	2.276
266.6	145.2794496	34.61	2.235
267.4	145.0090396	34.46	2.629
281.4	144.8847909	34.32	2.926
275.7	143.8921176	34	2.768
256.8	151.0987909	34.04	2.825
265.1	145.8660653	34.04	2.741
256.5	151.3553066	34.04	2.283
247.5	161.6081001	34.2	2.557
251.7	156.1744239	34.21	2.591
261.8	147.531862	34.28	2.691
265.6	145.6589028	34.18	2.841
246.8	162.6370044	34.07	2.495
256.7	151.183739	34.08	2.404
266.9	145.1746105	34.03	3.326
252.7	155.0549457	33.91	2.551
263.9	146.4112828	33.96	2.365
274.2	143.869106	33.99	2.622
263.6	146.5582885	33.92	2.208
263.4	146.658692	33.94	2.688
239	176.9345288	33.91	2.849
237.1	181.3386201	33.86	2.913
245	165.4588142	33.71	2.317
260.2	148.5320061	33.43	2.34
247.5	161.6081001	33.45	2.092
246.8	162.6370044	33.67	2.781
250.1	158.1007946	33.73	2.626
262.2	147.3018158	33.79	2.624
264.6	146.0849588	33.74	2.823
249.1	159.3928048	33.71	2.526
259.4	149.0809751	33.69	2.245
254.8	152.9052402	33.7	2.385
233.3	191.4980279	33.75	3.006
239.3	176.2761595	33.77	2.127
248.2	160.6159553	33.85	2.426
239	176.9345288	33.86	2.052
226.7	172.5339195	33.9	2.266
218.8	154.7805667	33.81	2.532
226.8	172.8067032	33.78	2.1
218.6	154.4151969	33.82	2.335
236.2	183.5738179	33.74	1.976
246.3	163.3950032	33.86	1.932
229.1	179.4825368	33.95	1.667
242.4	170.0150814	34.15	1.537
238.4	178.2808867	34.21	1.82

237	181.5820782	33.95	3.973
224.6	167.1130196	33.82	3.74
252.2	155.6067462	33.9	3.033
233.7	190.3353042	33.95	2.798
237	181.5820782	34.01	2.682
218.8	154.7805667	34.16	2.79
212.5	144.8528837	34.28	2.554
244.5	166.2895033	34.28	2.489
245.3	164.9703808	34.11	3.196
254.4	153.294267	33.98	3.554
251.9	155.945431	33.66	3.297
233.7	190.3353042	33.75	3.149
240	174.7773583	33.74	3.085
236.9	181.8267455	33.77	2.551
226.1	170.9259926	33.89	3.009
227.6	175.0397923	33.91	2.861
236.3	183.3205043	33.98	2.948
238.9	177.156161	33.88	3.267
224.6	167.1130196	33.77	2.946
233.3	191.4980279	33.77	2.636
240.5	173.7380647	33.72	3.774
234.8	187.2558705	33.63	2.781
238.7	177.6027217	33.7	2.564
249	159.5258496	33.71	3.024
246.7	162.7870502	33.65	2.579
243.1	168.7295603	33.68	3.024
213.3	145.9460296	33.64	3.252
214.3	147.3766469	33.58	3.15
223.3	164.0325631	33.41	2.644
231	185.6327901	33.17	2.746
225.2	168.6037636	33.24	2.322
223.7	164.9592071	33.43	3.025
227.9	175.9010607	33.46	2.938
238.8	177.3788901	33.5	2.888
240.6	173.5332689	33.46	3.28
225.4	169.1107479	33.42	2.77
236.2	183.5738179	33.42	2.568
231.6	187.7071962	33.44	2.593
210.3	142.0699862	33.48	3.336
225.1	168.3521774	33.5	2.518
226.1	170.9259926	33.56	2.948
212.3	144.586539	33.56	2.248
203.1	134.9918873	33.57	2.418
192	129.0911795	33.46	2.895
207.2	138.6639767	33.43	2.341
193	129.4042052	33.45	2.404
218.9	154.96461	33.35	2.013
227.5	174.7556358	33.49	2.075
206	137.4955162	33.57	1.663
219.2	155.5222256	33.75	1.702
218.2	153.695204	33.8	1.704

233	192.385621	33.73	4.335	227.1	173.6334397	33.47
219.9	156.8559046	33.63	4.462	215.1	148.5743588	33.39
249.9	158.3536654	33.71	3.317	241.3	172.1277015	33.48
231.1	185.9739218	33.75	3.244	225.5	169.3661605	33.5
234.5	188.0789318	33.81	2.957	227.2	173.9118416	33.56
212.9	145.3938588	33.97	2.818	208.5	140.0223639	33.79
210.2	141.9509679	34.1	2.946	202.4	134.4523139	33.89
241.9	170.9610894	34.08	2.785	235.6	185.120437	33.85
241.1	172.5243387	33.91	3.414	234.5	188.0789318	33.67
250.7	157.3584661	33.78	3.66	243.5	168.0148666	33.55
249.8	158.4811294	33.46	3.555	242.6	169.6432085	33.23
229.9	181.9973899	33.55	3.447	223.6	164.7258126	33.36
237	181.5820782	33.56	3.547	230.2	182.967997	33.32
233.1	192.0882584	33.6	2.864	224.1	165.9045121	33.42
222.9	163.1241775	33.72	3.247	217.3	152.1263931	33.54
222.8	162.8998881	33.72	3.34	217.9	153.1644801	33.54
233.7	190.3353042	33.8	3.411	226	170.6627261	33.59
234.2	188.9144624	33.71	3.518	229.1	179.4825368	33.51
224.3	166.3842917	33.59	3.279	218.4	154.0534207	33.38
229.3	180.1014276	33.58	2.991	223.3	164.0325631	33.4
238.4	178.2808867	33.54	4.333	231.3	186.6616714	33.32
231.9	188.7697038	33.46	3.127	225.7	169.8808638	33.25
234.5	188.0789318	33.54	2.902	227.2	173.9118416	33.36
246.5	163.0894665	33.54	3.404	239.3	176.2761595	33.37
244.4	166.4581678	33.46	2.737	235.1	186.4450707	33.27
240.3	174.1507045	33.51	3.312	232.5	190.9470722	33.36
209.4	141.0213439	33.48	3.721	203.4	135.2306555	33.33
215.3	148.8813884	33.4	3.662	208.2	139.7001382	33.22
223.8	165.1937679	33.26	3.001	214	146.9398193	33.1
231.5	187.3568179	33.05	2.847	220.3	157.6389568	32.9
225.3	168.856618	33.13	2.608	213.8	146.6522652	33.03
220.1	157.2454979	33.3	3.425	214.8	148.1195561	33.2
226.9	173.0808789	33.32	3.383	217.2	151.9563603	33.18
238.9	177.156161	33.36	3.352	229	179.1755005	33.21
238.7	177.6027217	33.31	3.437	228.8	178.5661959	33.15
224.2	166.1438025	33.27	3.234	215	148.4219956	33.12
235	186.7139875	33.27	2.894	225.8	170.1401693	33.16
229.1	179.4825368	33.31	2.899	219.6	156.2786798	33.22
206.2	137.6847037	33.36	3.782	202.9	134.8352272	33.26
226.1	170.9259926	33.36	2.718	214.2	147.2303008	33.29
225.9	170.4007875	33.42	3.061	215.4	149.0360615	33.31
213.6	146.3676144	33.4	2.689	204.2	135.8898012	33.28
200.2	132.9121422	33.41	2.852	194.6	129.9908531	33.28
187.4	128.1690162	33.29	3.179	184.5	128.016195	33.17
205.5	137.032099	33.27	2.766	195.7	130.4564935	33.17
189.2	128.4296876	33.29	2.971	184.6	128.016	33.19
217.2	151.9563603	33.18	2.478	208.4	139.914364	33.11
223.5	164.4935779	33.32	2.422	215.9	149.8211447	33.25
207.3	138.7650022	33.39	2.156	198.2	131.7089882	33.32
215	148.4219956	33.56	1.923	205.7	137.2158368	33.48
212.5	144.8528837	33.61	2.1	205.6	137.1236975	33.55

5.173	233.9	189.7626755	176.6459759	Yes
5.07	221.2	159.4584123	159.2034467	Yes
4.217	248.7	159.929249	157.9765924	Yes
3.808	233.5	190.9137326	177.2060202	Yes
3.692	236.2	183.5738179	174.7115904	Yes
3.333	215.7	149.5047542	152.287303	Yes
3.408	210.8	142.6746234	150.118492	Yes
3.32	246.4	163.2418433	166.1784645	Yes
4.123	242.9	169.0922914	167.9349965	Yes
4.423	251.9	155.945431	155.8995643	Yes
4.204	250.6	157.480505	157.0884783	Yes
4.246	230.7	184.6202228	174.5555041	Yes
4.214	237.7	179.9029136	173.0192825	Yes
3.329	232.6	191.31691	176.4983465	Yes
3.992	223.2	163.8037704	162.3176867	Yes
3.894	225.2	168.6037636	163.1764696	Yes
4.171	233.9	189.7626755	176.3226144	Yes
4.28	234.9	186.9842516	175.6392629	Yes
3.92	225.7	169.8808638	164.01372	Yes
3.623	232.7	191.6887683	175.7009052	Yes
5.165	237	181.5820782	173.0874623	Yes
3.766	232.9	192.4386028	178.6799973	Yes
3.366	234.6	187.8032029	174.7615961	Yes
4.093	247.2	162.0444998	160.9610163	Yes
3.331	243.5	168.0148666	166.0526888	Yes
3.919	240.3	174.1507045	170.9273467	Yes
4.202	211.2	143.1699306	148.4604977	Yes
4.365	213.9	146.7956779	152.8184943	Yes
3.624	222.9	163.1241775	160.9498284	Yes
3.603	227.2	173.9118416	170.6144825	Yes
3.086	224	165.6664139	162.2774321	Yes
4.012	222.7	162.6767095	159.127595	Yes
4.018	225.2	168.6037636	165.5285716	Yes
3.821	239.1	176.7139881	171.5452711	Yes
4.275	235.5	185.382728	172.2339746	Yes
3.714	224.6	167.1130196	162.036474	Yes
3.464	234.5	188.0789318	175.5175763	Yes
3.371	228.4	177.3663815	170.7480069	Yes
4.301	208.2	139.7001382	149.1576167	Yes
3.487	222.3	161.7949854	164.9159231	Yes
4.023	220.7	158.4376272	161.8832848	Yes
3.208	212.8	145.2575724	149.8072112	Yes
3.401	201.2	133.5834127	140.802443	Yes
3.675	190.9	128.7937914	133.7701498	Yes
3.375	203.3	135.1505606	142.8219666	Yes
3.308	189.8	128.5450401	133.762026	Yes
2.678	217.3	152.1263931	156.507109	Yes
2.856	221.9	160.9305691	162.6791861	Yes
2.311	207.2	138.6639767	145.223204	Yes
2.434	213.5	146.2263702	151.4803019	Yes
2.182	212.3	144.586539	151.7078422	Yes

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246.3	163.3950032	34.46	1.84
234.4	188.3560461	34.34	2.364
240.4	173.943875	34.25	2.197
230.6	184.28627	34.19	2.298
246	163.8592137	34.01	2.477
227.4	174.472931	33.95	1.733
230.9	185.293471	34.02	2.607
222	161.1450705	33.84	2.814
222	161.1450705	33.77	2.815
226.9	173.0808789	33.72	2.581
233.4	191.2051427	33.7	2.926
228.9	178.8700569	33.61	2.82
238.1	178.969176	33.56	2.208
243.4	168.1922038	33.58	2.128
236.6	182.5680669	33.66	2.021
248.6	160.0651457	33.63	2.816
241.1	172.5243387	33.55	2.068
232.8	192.0626612	33.63	1.543
223.5	164.4935779	33.74	1.969
214.4	147.5237341	33.7	2.516
226.6	172.2625195	33.59	2.336
238.6	177.8276612	33.61	2.052
229.4	180.4133026	33.62	2.584
222.5	162.2336611	33.46	2.655
223.9	165.4295013	33.4	2.405
227.7	175.3254093	33.37	2.214
231	185.6327901	33.39	2.086
227.7	175.3254093	33.4	2.322
222.9	163.1241775	33.33	2.302
222.3	161.7949854	33.34	2.166
241.6	171.5400605	33.35	2.109
229.2	179.7911758	33.34	2.243
245.2	165.1323684	33.34	2.409
236.9	181.8267455	33.32	2.091
251	156.9963458	33.29	2.494
240.7	173.3294827	33.18	2.037
245.4	164.8092124	33.18	1.581
238.2	178.7386118	33.2	1.818
245.7	164.3305874	33.22	1.892
233.8	190.048269	33.25	1.762
221.5	160.0831011	33.24	2.255
219.7	156.470139	33.15	2.228
228.3	177.070287	33.08	2.254
235.7	184.8594495	33.02	2.299
228.9	178.8700569	32.99	2.176
240.5	173.7380647	32.94	2.24
231.3	186.6616714	32.92	2.283
232.5	190.9470722	32.87	2.5
248.3	160.4771641	32.85	1.668

224.9	167.8527808	33.91	1.119
240.3	174.1507045	34.02	1.599
221.6	160.2933984	34.04	2.067
212.8	145.2575724	33.93	2.887
215	148.4219956	33.9	2.418
206.4	137.8760949	33.83	2.651
219	155.1495646	33.65	2.572
210.7	142.5524154	33.62	1.641
202.6	134.6039881	33.68	2.983
198.1	131.6535994	33.5	2.94
197.5	131.3306282	33.44	3.386
202.2	134.3026158	33.41	2.767
213.1	145.6685335	33.39	3.53
208	139.4882645	33.31	2.9
215.1	148.5743588	33.27	2.45
216.9	151.4512959	33.3	2.272
212.2	144.4543929	33.38	1.891
222.1	161.3606366	33.32	3.064
216.2	150.3016928	33.27	2.403
205	136.5821614	33.35	1.685
201.8	134.0091067	33.44	2.243
189.1	128.4118509	33.39	3.136
206	137.4955162	33.28	2.482
211.8	143.9325875	33.31	2.205
203.3	135.1505606	33.32	2.709
195.7	130.4564935	33.16	3
201	133.4453614	33.12	2.646
202.3	134.3772185	33.1	2.264
208.4	139.914364	33.12	2.356
203.1	134.9918873	33.12	2.599
199	132.1683105	33.06	2.024
198.2	131.7089882	33.08	2.104
215	148.4219956	33.1	2.26
204.3	135.9745142	33.09	2.494
217.5	152.4689987	33.1	2.528
216.9	151.4512959	33.08	2.115
225.9	170.4007875	33.05	2.797
214.2	147.2303008	32.95	2.04
219.2	155.5222256	32.95	1.935
214	146.9398193	32.97	2.014
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200.6	133.1749726	32.9	2.457
204.5	136.145503	32.84	2.367
205.9	137.4017445	32.79	2.499
198.6	131.9350344	32.76	2.085
215.3	148.8813884	32.72	2.429
207.3	138.7650022	32.7	2.105
208.3	139.8069561	32.66	2.461
220.5	158.0363201	32.65	1.96

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237.1	181.3386201	33.83	1.782	230.2	182.967997	33.76
217.5	152.4689987	33.84	2.326	211.2	143.1699306	33.77
207.1	138.5635199	33.76	3.053	203.4	135.2306555	33.67
212	144.1921397	33.74	2.749	207.2	138.6639767	33.67
203.1	134.9918873	33.68	2.974	196.9	131.0235708	33.6
216.8	151.2846063	33.52	3.017	209.2	140.7951122	33.42
210.5	142.3099249	33.48	2.099	200.2	132.9121422	33.42
196.9	131.0235708	33.56	3.351	192.6	129.2740865	33.49
197	131.0736496	33.37	3.516	189.1	128.4118509	33.29
190.1	128.6080861	33.31	3.571	187.7	128.2036041	33.25
202.3	134.3772185	33.3	3.194	190.6	128.7211479	33.25
210.9	142.7974765	33.28	3.757	203.8	135.5561236	33.23
207.4	138.8665983	33.21	3.44	201	133.4453614	33.16
216.3	150.4634796	33.17	2.895	205.6	137.1236975	33.11
215.3	148.8813884	33.2	2.708	206.1	137.5898354	33.16
214.9	148.2703958	33.27	2.562	203.4	135.2306555	33.25
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199.2	132.2876789	33.33	2.529	191.4	128.9229071	33.31
188.2	128.2691098	33.28	3.327	183	128.065931	33.25
206.7	138.1673439	33.16	3.02	195.9	130.5466922	33.12
210	141.7148217	33.19	2.576	200.8	133.3092177	33.17
202.2	134.3026158	33.21	3.216	194.2	129.8341932	33.18
194.2	129.8341932	33.06	3.434	187.4	128.1690162	33.02
198.2	131.7089882	33.03	3.049	188.8	128.3607156	33.02
204.6	136.2317817	33.02	2.88	194.1	129.7960751	33.01
207.4	138.8665983	33.04	2.692	198.1	131.6535994	33.04
202.4	134.4523139	33.05	2.817	192.5	129.2425815	33.04
198.2	131.7089882	32.98	2.757	189.8	128.5450401	32.98
197.7	131.436508	33.01	2.784	189.6	128.5050003	33.03
215	148.4219956	33.03	2.696	204.1	135.8056071	33.05
203.5	135.3112579	33.02	2.93	195.7	130.4564935	33.02
219	155.1495646	33.03	2.961	209.2	140.7951122	33.03
220.7	158.4376272	33.02	2.628	207.3	138.7650022	33.02
229	179.1755005	32.98	3.189	218.2	153.695204	32.97
215.7	149.5047542	32.88	2.587	205.4	136.9410396	32.86
221.9	160.9305691	32.88	2.026	208.4	139.914364	32.89
215.7	149.5047542	32.9	2.416	205.8	137.3085186	32.92
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211.1	143.0451277	32.93	2.432	199.4	132.4088779	32.95
198.4	131.8211113	32.9	2.992	190.8	128.7691755	32.92
201.8	134.0091067	32.84	2.926	190.6	128.7211479	32.86
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198.3	131.7648252	32.72	2.661	189.1	128.4118509	32.75
216.8	151.2846063	32.69	2.808	206.4	137.8760949	32.72
209.3	140.9079226	32.66	2.864	200	132.7835393	32.69
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219.9	156.8559046	32.62	2.158	208.6	140.1309578	32.66

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2.723	219.2	155.5222256	154.9699113	Yes
3.732	209.6	141.2500277	149.7315643	Yes
3.38	213.8	146.6522652	150.3748504	Yes
3.565	204.5	136.145503	144.8646652	Yes
3.504	215.7	149.5047542	152.1186502	Yes
2.249	209	140.5713153	146.5637457	Yes
3.854	197.7	131.436508	142.3263249	Yes
3.958	195.2	130.2384741	136.5045289	Yes
4.328	193.6	129.6117355	135.7798249	Yes
3.839	200.1	132.8476073	140.6658937	Yes
4.496	209.1	140.6829105	151.1820374	Yes
3.877	208.4	139.914364	146.116929	Yes
3.485	214.3	147.3766469	152.5014718	Yes
3.194	212.4	144.7193684	150.1668184	Yes
2.834	210.7	142.5524154	150.6151853	Yes
4.082	220.2	157.4417417	157.7863042	Yes
3.41	216.2	150.3016928	153.097381	Yes
2.447	202.9	134.8352272	146.4799751	Yes
3.111	195.6	130.4120364	138.0250614	Yes
4.165	188.3	128.2833916	132.1108035	Yes
3.509	204.5	136.145503	142.923515	Yes
3.099	209	140.5713153	147.4711207	Yes
3.542	201.1	133.514148	142.642964	Yes
3.988	193.4	129.5409061	136.046854	Yes
3.458	197.4	131.2783518	138.0445837	Yes
3.225	202.3	134.3772185	142.0215406	Yes
3.186	203.9	135.6387698	146.3412243	Yes
3.498	200.1	132.8476073	141.3719599	Yes
2.979	200.1	132.8476073	137.6788247	Yes
2.948	195.4	130.3244035	136.7539771	Yes
3.192	211.6	143.6757156	149.5730749	Yes
3.499	203	134.9133063	143.2893495	Yes
3.516	217	151.6188155	153.0329719	Yes
2.777	216.7	151.1187431	156.3198828	Yes
3.802	225.6	169.6228634	165.9781403	Yes
2.895	213.1	145.6685335	150.5348222	Yes
2.378	216.8	151.2846063	154.4921955	Yes
2.789	212.8	145.2575724	151.5498553	Yes
2.709	219.4	155.8985853	154.8791023	Yes
2.609	205.4	136.9410396	148.4931356	Yes
3.502	196.4	130.7797169	136.9389926	Yes
3.358	197.4	131.2783518	136.7307436	Yes
3.304	206.7	138.1673439	144.1042661	Yes
3.45	204.6	136.2317817	145.7186921	Yes
2.883	196.8	130.9739291	140.3911393	Yes
3.222	213.1	145.6685335	151.4897376	Yes
3.066	206.6	138.0697036	147.4375678	Yes
3.249	206.9	138.3643054	148.5687722	Yes
2.545	214.9	148.2703958	152.7541485	Yes

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9/11/2019	18:23	32.24	1.375
9/11/2019	18:24	32.18	1.796
9/11/2019	18:25	32.13	1.675
9/11/2019	18:26	32.09	1.382
9/11/2019	18:27	32.02	1.299
9/11/2019	18:28	31.97	1.259
9/11/2019	18:29	31.92	1.762
9/11/2019	18:30	31.88	1.394
9/11/2019	18:31	31.85	1.374
9/11/2019	18:32	31.78	1.266
9/11/2019	18:33	31.74	1.33
9/11/2019	18:34	31.68	0.79
9/11/2019	18:35	31.61	0.927
9/11/2019	18:36	31.52	0.732
9/11/2019	18:37	31.43	0.806
9/11/2019	18:38	31.31	0.93
9/11/2019	18:39	31.22	1.091
9/11/2019	18:40	31.13	0.987
9/11/2019	18:41	31.04	1.311
9/11/2019	18:42	30.96	1.032
9/11/2019	18:43	30.89	0.94
9/11/2019	18:44	30.82	1.103
9/11/2019	18:45	30.76	0.871
9/11/2019	18:46	30.67	0.906
9/11/2019	18:47	30.56	0.792
9/11/2019	18:48	30.44	0.723
9/11/2019	18:49	30.34	0.629
9/11/2019	18:50	30.25	0.608
9/11/2019	18:51	30.16	0.552
9/11/2019	18:52	30.07	0.536
9/11/2019	18:53	29.96	0.493

244.2	166.7980522	32.87	1.779
227	173.356455	32.9	1.538
228.4	177.3663815	32.9	2.071
230.2	182.967997	32.83	2.016
228.8	178.5661959	32.78	1.786
230.8	184.9559525	32.75	1.729
235.9	184.3413566	32.75	1.448
233.7	190.3353042	32.78	1.083
231.7	188.0594614	32.8	1.493
240.5	173.7380647	32.72	1.848
241.4	171.9308504	32.68	1.674
243.5	168.0148666	32.61	1.817
234.9	186.9842516	32.53	1.831
244.7	165.9547117	32.49	1.815
241.4	171.9308504	32.45	1.932
237.5	180.3767538	32.41	2.371
236.2	183.5738179	32.33	1.82
258.8	149.5145601	32.29	1.521
249.7	158.6092822	32.25	1.59
250.2	157.9753829	32.25	1.352
264.3	146.2219614	32.2	1.48
247.2	162.0444998	32.14	1.909
248.9	159.6596036	32.09	1.921
249.1	159.3928048	32.05	1.447
250.4	157.7265948	31.98	1.478
256.1	151.7051686	31.94	1.493
249.1	159.3928048	31.9	1.813
239.6	175.6274687	31.86	1.779
248.5	160.201762	31.83	1.515
247.1	162.1914802	31.76	1.414
228.5	177.6640101	31.71	1.558
228.4	177.3663815	31.66	0.946
229.6	181.0419634	31.58	1.042
228	176.1911131	31.49	0.956
227.8	175.6124958	31.4	0.917
218.2	153.695204	31.28	1.023
218	153.3405134	31.19	1.276
223	163.3495837	31.12	1.048
222.3	161.7949854	31.04	1.42
218.2	153.695204	30.97	1.164
221.1	159.2522329	30.91	1.108
224.1	165.9045121	30.85	1.452
225.6	169.6228634	30.78	1.065
219.7	156.470139	30.69	1.031
223.3	164.0325631	30.58	0.911
224.7	167.3583715	30.46	0.901
226.8	172.8067032	30.36	0.81
228.5	177.6640101	30.27	0.731
233.2	191.7923969	30.18	0.759
227.5	174.7556358	30.08	0.629
227.4	174.472931	29.96	0.611

214.1	147.0846926	32.67	1.972
204.7	136.3185854	32.7	1.47
204.2	135.8898012	32.69	2.15
201.2	133.5834127	32.62	2.285
201.2	133.5834127	32.57	1.851
205.3	136.8505178	32.55	1.962
206.2	137.6847037	32.56	1.433
206.9	138.3643054	32.58	1.201
206.8	138.2655439	32.58	1.573
215	148.4219956	32.52	1.944
211.2	143.1699306	32.49	1.877
211.5	143.5482783	32.42	2.089
208.3	139.8069561	32.36	1.806
217.3	152.1263931	32.32	2.061
212.6	144.9870876	32.3	2.249
217.5	152.4689987	32.28	2.673
204.9	136.4937737	32.21	1.896
228	176.1911131	32.16	1.757
224.5	166.8688935	32.13	2.072
226	170.6627261	32.13	1.662
234.3	188.6345537	32.09	1.866
217.5	152.4689987	32.03	1.876
226.9	173.0808789	32	2.337
220.9	158.8429179	31.96	1.638
223.2	163.8037704	31.88	1.481
235	186.7139875	31.85	1.83
221	159.0470698	31.82	1.947
215.7	149.5047542	31.8	1.876
223.4	164.2624968	31.76	1.827
219.3	155.7099409	31.69	1.625
201	133.4453614	31.66	1.822
203.2	135.0709716	31.59	1.176
198.7	131.9926732	31.5	1.091
200.2	132.9121422	31.4	1.093
201.6	133.8652759	31.31	0.929
195.1	130.1961465	31.18	1.212
188.8	128.3607156	31.11	1.298
195	130.1542428	31.05	1.322
191.8	129.0334674	30.98	1.428
196.5	130.8276183	30.91	1.545
197.8	131.490113	30.87	1.358
195	130.1542428	30.82	1.427
194.6	129.9908531	30.78	1.155
196.2	130.6852129	30.71	1.298
198.7	131.9926732	30.64	0.903
203.5	135.3112579	30.52	0.877
201.2	133.5834127	30.41	0.813
204.7	136.3185854	30.29	0.701
207.6	139.0715101	30.18	0.768
207.1	138.5635199	30.07	0.692
204.8	136.4059155	29.95	0.635

216.1	150.1407104	32.65	2.392	204.6	136.2317817	32.69
210.7	142.5524154	32.67	1.91	196.8	130.9739291	32.72
203.9	135.6387698	32.66	2.623	195.2	130.2384741	32.7
202.3	134.3772185	32.58	2.748	194.2	129.8341932	32.62
203.3	135.1505606	32.54	2.409	195.3	130.2812262	32.58
206.4	137.8760949	32.53	2.243	198.3	131.7648252	32.59
206.3	137.780123	32.54	1.83	198.3	131.7648252	32.61
209.3	140.9079226	32.56	1.384	198.7	131.9926732	32.64
208.9	140.4603245	32.55	1.882	200	132.7835393	32.63
221.5	160.0831011	32.5	2.418	210	141.7148217	32.57
213.5	146.2263702	32.47	2.214	206.3	137.780123	32.53
212.7	145.1219829	32.41	2.36	203.7	135.4739906	32.46
211.9	144.0620273	32.35	2.314	200.6	133.1749726	32.41
219.5	156.0881634	32.32	2.246	206.8	138.2655439	32.39
213.5	146.2263702	32.31	2.62	205.6	137.1236975	32.38
220.6	158.2364782	32.29	2.951	210.7	142.5524154	32.35
208.8	140.3499361	32.23	2.381	198.9	132.1093104	32.28
228.5	177.6640101	32.18	1.931	218.1	153.51742	32.23
225.1	168.3521774	32.14	2.189	218.2	153.695204	32.2
226.3	171.4565408	32.16	1.843	219.8	156.6625457	32.22
234.7	187.5288517	32.11	2.007	227.7	175.3254093	32.17
219	155.1495646	32.06	2.438	209.7	141.3652945	32.12
225	168.1018522	32.04	2.533	215.7	149.5047542	32.1
220	157.0502204	31.99	1.841	214.7	147.9694733	32.05
223.6	164.7258126	31.92	1.878	219.7	156.470139	31.98
232.5	190.9470722	31.9	1.953	226.6	172.2625195	31.96
220.8	158.6397721	31.87	2.345	213.4	146.0858429	31.94
215.1	148.5743588	31.86	2.294	209	140.5713153	31.94
220.6	158.2364782	31.82	2.017	215.7	149.5047542	31.9
217.8	152.989316	31.75	1.808	214.5	147.6715655	31.83
200.4	133.042617	31.72	2.139	195	130.1542428	31.8
204.3	135.9745142	31.65	1.274	201.3	133.6531567	31.74
194.5	129.9510588	31.56	1.399	194.2	129.8341932	31.66
198.5	131.8778474	31.47	1.338	196.4	130.7797169	31.57
204.5	136.145503	31.38	1.231	201	133.4453614	31.49
193.7	129.6477719	31.26	1.46	190.6	128.7211479	31.37
188.9	128.3773651	31.19	1.689	185.1	128.0208746	31.3
195	130.1542428	31.13	1.431	190.3	128.6521114	31.24
189.6	128.5050003	31.07	1.83	188.8	128.3607156	31.2
196.8	130.9739291	31.01	1.59	192.8	129.3383252	31.13
196.8	130.9739291	30.96	1.479	195.1	130.1961465	31.08
193.9	129.7210908	30.92	1.887	189	128.3944101	31.05
193.8	129.6842235	30.89	1.435	192.2	129.1505175	31.01
198.6	131.9350344	30.82	1.34	194.7	130.0310681	30.94
198.3	131.7648252	30.76	1.189	196.6	130.8759536	30.88
206.6	138.0697036	30.66	1.107	201.2	133.5834127	30.79
201.9	134.0817512	30.56	1.062	197.8	131.490113	30.69
202.4	134.4523139	30.45	0.939	200.7	133.2418584	30.59
206.6	138.0697036	30.36	0.991	200.7	133.2418584	30.52
208.3	139.8069561	30.25	0.867	202	134.1548834	30.41
204.3	135.9745142	30.14	0.876	199.3	132.3480491	30.33

2.687	212	144.1921397	148.8894753	Yes
2.053	205	136.5821614	143.9567092	Yes
3.028	201.3	133.6531567	142.5573167	Yes
3.134	202.2	134.3026158	143.0130874	Yes
2.613	203.9	135.6387698	142.644033	Yes
2.577	203.6	135.3923691	145.3679519	Yes
1.933	207.7	139.1748294	146.1491676	Yes
1.51	207.6	139.0715101	148.1343431	Yes
2.228	207.4	138.8665983	147.6870935	Yes
2.589	217.3	152.1263931	155.2168752	Yes
2.703	211.7	143.8038178	148.5822184	Yes
2.597	210.1	141.8325805	146.7983398	Yes
2.447	207.8	139.278727	148.6613869	Yes
2.649	218.1	153.51742	153.1904464	Yes
2.99	212.5	144.8528837	149.0241779	Yes
3.348	219.2	155.5222256	157.8313743	Yes
2.611	206.4	137.8760949	146.0805866	Yes
2.196	227.5	174.7556358	166.3285478	Yes
2.786	224.5	166.8688935	162.8788901	Yes
2.107	226.3	171.4565408	165.6427473	Yes
2.375	234.9	186.9842516	176.9390055	Yes
2.611	218.8	154.7805667	153.1617849	Yes
3.04	223	163.3495837	162.7393345	Yes
2.146	222.7	162.6767095	157.1864252	Yes
1.975	227.5	174.7556358	163.4963905	Yes
2.398	232.9	192.4386028	178.8134701	Yes
2.645	220.4	157.837148	156.2005275	Yes
2.598	215.3	148.8813884	152.6318571	Yes
2.333	223.4	164.2624968	159.2935976	Yes
2.15	218.4	154.0534207	154.5231446	Yes
2.393	200.3	132.977145	141.4566753	Yes
1.631	207.7	139.1748294	144.2479707	Yes
1.486	198.9	132.1093104	140.9858398	Yes
1.479	203.6	135.3923691	141.4306377	Yes
1.371	206.3	137.780123	143.3697518	Yes
1.596	195.1	130.1961465	134.4912834	Yes
1.818	190.4	128.6747234	133.3548384	Yes
1.721	195.3	130.2812262	136.5182814	Yes
1.926	192.2	129.1505175	135.3689373	Yes
2.012	197.6	131.3833467	135.2436846	Yes
1.736	198.7	131.9926732	136.781019	Yes
1.936	194.2	129.8341932	136.8016898	Yes
1.573	196.8	130.9739291	137.8844773	Yes
1.768	201.8	134.0091067	136.6261122	Yes
1.336	202.5	134.5279034	138.6387837	Yes
1.359	209	140.5713153	142.9788122	Yes
1.252	202.3	134.3772185	141.2678397	Yes
1.168	206.6	138.0697036	143.9492943	Yes
1.156	207.1	138.5635199	148.1477978	Yes
1.17	209	140.5713153	145.5704621	Yes
1.077	206.7	138.1673439	143.4737507	Yes

9/11/2019	18:54	29.84	0.48
9/11/2019	18:55	29.7	0.475
9/11/2019	18:56	29.57	0.432
9/11/2019	18:57	29.44	0.617
9/11/2019	18:58	29.3	0.537
9/11/2019	18:59	29.17	0.572
9/11/2019	19:00	29.04	0.462
9/11/2019	19:01	28.93	0.367
9/11/2019	19:02	28.81	0.389
9/11/2019	19:03	28.71	0.312
9/11/2019	19:04	28.59	0.469
9/11/2019	19:05	28.48	0.492
9/11/2019	19:06	28.37	0.44
9/11/2019	19:07	28.3	0.422
9/11/2019	19:08	28.2	0.352
9/11/2019	19:09	28.11	0.354
9/11/2019	19:10	28.01	0.327
9/11/2019	19:11	27.9	0.291
9/11/2019	19:12	27.82	0.335
9/11/2019	19:13	27.75	0.242
9/11/2019	19:14	27.65	0.238
9/11/2019	19:15	27.58	0.379
9/11/2019	19:16	27.53	0.449
9/11/2019	19:17	27.45	0.449
9/11/2019	19:18	27.35	0.457
9/11/2019	19:19	27.25	0.477
9/11/2019	19:20	27.15	0.457
9/11/2019	19:21	27.07	0.41
9/11/2019	19:22	26.99	0.606
9/11/2019	19:23	26.96	0.662
9/11/2019	19:24	26.99	0.712
9/11/2019	19:25	27.05	0.624
9/11/2019	19:26	27.08	0.492
9/11/2019	19:27	27.07	0.45
9/11/2019	19:28	27.04	0.413
9/11/2019	19:29	27.01	0.472
9/11/2019	19:30	26.98	0.469
9/11/2019	19:31	26.94	0.46
9/11/2019	19:32	26.9	0.434
9/11/2019	19:33	26.84	0.44
9/11/2019	19:34	26.78	0.414
9/11/2019	19:35	26.76	0.417
9/11/2019	19:36	26.76	0.457
9/11/2019	19:37	26.76	0.451
9/11/2019	19:38	26.74	0.496
9/11/2019	19:39	26.77	0.518
9/11/2019	19:40	26.8	0.537
9/11/2019	19:41	26.82	0.561
9/11/2019	19:42	26.83	0.494
9/11/2019	19:43	26.86	0.641
9/11/2019	19:44	26.91	0.478

222.4	162.0137796	29.84	0.634
212.3	144.586539	29.72	0.608
207.7	139.1748294	29.59	0.618
211.9	144.0620273	29.48	0.839
214.3	147.3766469	29.36	0.751
207.2	138.6639767	29.24	0.648
213.1	145.6685335	29.11	0.647
210.9	142.7974765	29	0.54
215.7	149.5047542	28.88	0.514
207.3	138.7650022	28.8	0.494
206.8	138.2655439	28.7	0.615
205.8	137.3085186	28.6	0.654
208.1	139.5939084	28.51	0.564
204.8	136.4059155	28.45	0.581
205.3	136.8505178	28.36	0.499
203	134.9133063	28.26	0.469
193.2	129.4717308	28.17	0.44
196.2	130.6852129	28.07	0.423
188.1	128.2552218	28	0.473
197.5	131.3306282	27.96	0.378
201.7	133.9369487	27.86	0.306
185.3	128.0255546	27.81	0.525
182.7	128.0864199	27.8	0.608
178.6	128.7211479	27.76	0.518
179.2	128.5866722	27.66	0.542
174.1	130.1961465	27.57	0.61
174.3	130.1127622	27.47	0.551
176.8	129.2114853	27.36	0.457
176.7	129.2425815	27.26	0.649
175.3	129.7210908	27.19	0.737
185.1	128.0208746	27.19	0.795
196.9	131.0235708	27.23	0.727
184.5	128.016195	27.24	0.627
185.6	128.0355004	27.23	0.543
188.3	128.2833916	27.2	0.497
196.3	130.7322487	27.17	0.578
184.5	128.016195	27.15	0.566
184.5	128.016195	27.12	0.591
186.3	128.0723698	27.08	0.58
203.4	135.2306555	27.02	0.505
203	134.9133063	26.96	0.512
193.5	129.5761138	26.93	0.545
197	131.0736496	26.93	0.575
186.7	128.1020341	26.94	0.542
189.2	128.4296876	26.93	0.633
190.8	128.7691755	26.95	0.674
186.5	128.0864199	26.99	0.683
194.1	129.7960751	27	0.633
189.9	128.565657	27.01	0.65
193.7	129.6477719	27.03	0.729
196.8	130.9739291	27.08	0.673

200.7	133.2418584	29.84	0.657
191.6	128.9773778	29.72	0.629
186.2	128.065931	29.61	0.615
191.7	129.00522	29.52	0.831
192.2	129.1505175	29.42	0.796
183.5	128.0395961	29.3	0.785
193.2	129.4717308	29.18	0.737
188	128.2417275	29.09	0.644
191.7	129.00522	28.99	0.644
190.2	128.6298991	28.94	0.62
187.1	128.1379589	28.86	0.783
187.7	128.2036041	28.79	0.752
188.5	128.3131374	28.71	0.839
185.5	128.031795	28.67	0.759
181	128.2691098	28.58	0.683
177.7	128.9499403	28.49	0.67
169.9	132.3480491	28.42	0.688
174.5	130.0310681	28.34	0.696
165.2	135.7219305	28.34	0.662
174.3	130.1127622	28.35	0.558
178.1	128.8442293	28.26	0.527
165.1	135.8056071	28.26	0.703
161.7	138.968767	28.33	0.824
153.9	148.8813884	28.31	0.892
153.4	149.6625543	28.22	0.922
149.1	157.2454979	28.14	1.016
147.4	160.717127	28.05	0.954
149.9	155.7099409	27.89	0.823
150.9	153.8738695	27.73	1.007
151.8	152.2972712	27.59	1.179
157.1	144.3229273	27.53	1.132
169.6	132.5319155	27.54	1.063
162.9	137.780123	27.53	0.973
158	143.1699306	27.5	0.805
162.7	137.9726212	27.49	0.808
167.6	133.8652759	27.46	0.884
159.5	141.3652945	27.47	0.937
156.9	144.586539	27.43	0.92
161.8	138.8665983	27.39	0.9
175.4	129.6842235	27.31	0.865
177.9	128.8962779	27.24	0.871
170.4	132.0507649	27.22	0.929
170	132.2876789	27.23	0.956
157.8	143.4215034	27.24	0.875
161.5	139.1748294	27.24	0.968
162.2	138.4636301	27.28	1.025
162.8	137.8760949	27.3	0.987
166.4	134.7576487	27.3	1.001
165.7	135.3112579	27.3	1.031
167.9	133.6531567	27.32	1.045
168.8	133.042617	27.36	0.95

200.7	133.2418584	30.03	0.903	195.9	130.5466922	30.23
192.4	129.2114853	29.93	0.905	189.2	128.4296876	30.17
185.1	128.0208746	29.85	0.908	183.6	128.0355004	30.11
188.5	128.3131374	29.79	1.118	185.9	128.0489586	30.05
189.7	128.5248214	29.72	1.024	186.3	128.0723698	29.99
181.7	128.180153	29.61	1.021	180	128.4296876	29.9
190.7	128.7449612	29.5	0.955	186.7	128.1020341	29.81
188.3	128.2833916	29.41	0.829	182.8	128.0791994	29.74
190	128.5866722	29.32	0.825	186.6	128.0940314	29.67
189.5	128.4855767	29.27	0.799	186.9	128.1192135	29.62
184.8	128.0167799	29.21	0.957	183.6	128.0355004	29.57
187.4	128.1690162	29.17	0.972	183	128.065931	29.54
189.4	128.4665503	29.09	0.941	183.2	128.0542255	29.49
186.5	128.0864199	29.04	0.912	181.2	128.2417275	29.44
178.9	128.6521114	28.96	0.835	175.1	129.7960751	29.38
175.4	129.6842235	28.9	0.857	174.2	130.1542428	29.34
169.6	132.5319155	28.86	0.916	169.4	132.6567999	29.36
171.9	131.2265166	28.83	0.885	170.5	131.9926732	29.36
164.7	136.145503	28.9	0.918	167.5	133.9369487	29.38
174.5	130.0310681	28.95	0.789	173.3	130.5466922	29.37
174.2	130.1542428	28.89	0.721	171.8	131.2783518	29.32
164.4	136.4059155	28.89	0.913	167.9	133.6531567	29.3
163.5	137.2158368	28.94	1.033	166	135.0709716	29.29
156.6	144.9870876	28.93	1.036	158.6	142.43085	29.26
155.2	146.9398193	28.88	1.085	154.1	148.5743588	29.21
151.2	153.3405134	28.86	1.202	151.8	152.2972712	29.18
151.1	153.51742	28.81	1.149	148.6	158.2364782	29.14
155.3	146.7956779	28.59	0.931	146.7	162.2336611	29.03
153	150.3016928	28.34	1.07	147.1	161.3606366	28.82
153.7	149.1915112	28.1	1.149	146.8	162.0137796	28.56
158.2	142.9209771	27.95	1.176	151	153.695204	28.39
164.9	135.9745142	27.91	1.06	158.4	142.6746234	28.3
162.1	138.5635199	27.88	1.048	156.8	144.7193684	28.29
160.8	139.914364	27.86	0.919	153.6	149.347741	28.34
162.3	138.3643054	27.88	0.926	156.1	145.6685335	28.46
165.5	135.4739906	27.89	0.992	160.8	139.914364	28.47
162.3	138.3643054	27.92	1.03	156.3	145.3938588	28.5
159.9	140.9079226	27.89	1.026	154.3	148.2703958	28.51
164.5	136.3185854	27.85	0.987	156.9	144.586539	28.51
173.4	130.5013785	27.77	0.928	167.2	134.1548834	28.46
174.1	130.1961465	27.68	0.84	168.6	133.1749726	28.35
169.6	132.5319155	27.65	0.983	165.3	135.6387698	28.27
169.6	132.5319155	27.65	0.994	164.9	135.9745142	28.26
162.5	138.1673439	27.67	1.014	157.8	143.4215034	28.28
162	138.6639767	27.68	1.041	155.7	146.2263702	28.28
162.7	137.9726212	27.71	1.04	157.6	143.6757156	28.26
164.4	136.4059155	27.71	1.049	157.7	143.5482783	28.23
165.2	135.7219305	27.68	1.03	158.7	142.3099249	28.16
166.6	134.6039881	27.66	1.02	159.4	141.481181	28.14
167.6	133.8652759	27.68	1.096	163.3	137.4017445	28.15
169	132.9121422	27.71	1.086	163.3	137.4017445	28.13

1.148	203.6	135.3923691	138.8873115	Yes
1.088	198.7	131.9926732	132.6395526	Yes
1.061	195.5	130.3680067	130.7330284	Yes
1.3	194.8	130.0717042	131.9002095	Yes
1.273	195.9	130.5466922	132.7342096	Yes
1.251	189.5	128.4855767	130.359798	Yes
1.165	192.6	129.2740865	132.2522692	Yes
1.073	190.3	128.6521114	131.2107813	Yes
1.082	193.3	129.506112	132.939358	Yes
1.007	194.7	130.0310681	130.8061519	Yes
1.159	191.1	128.8442293	130.2600025	Yes
1.15	190.8	128.7691755	130.1032491	Yes
1.222	190.7	128.7449612	130.6345566	Yes
1.166	187.6	128.1916822	129.791508	Yes
1.093	183.4	128.0440822	130.3223792	Yes
1.132	183.3	128.0489586	130.3501343	Yes
1.136	178.5	128.7449612	131.1506913	Yes
1.093	179.6	128.5050003	130.4880942	Yes
1.025	176.3	129.3710598	132.6861328	Yes
0.951	180.4	128.3607156	130.0763733	Yes
0.95	180	128.4296876	130.528692	Yes
1.027	175.7	129.5761138	132.6932696	Yes
1.124	173.2	130.5924354	133.9868861	Yes
1.168	166.2	134.9133063	139.986756	Yes
1.22	160.6	140.1309578	142.7788725	Yes
1.35	159.1	141.8325805	146.9824019	Yes
1.411	156.6	144.9870876	149.514175	Yes
1.327	154.2	148.4219956	148.4745521	Yes
1.496	153.9	148.8813884	148.7320337	Yes
1.685	152	151.9563603	149.0360026	Yes
1.494	155.2	146.9398193	143.1799605	Yes
1.348	162.4	138.2655439	136.0940336	Yes
1.377	162.2	138.4636301	137.5085673	Yes
1.299	160.9	139.8069561	140.0548984	Yes
1.298	161.5	139.1748294	137.8927362	Yes
1.317	165	135.8898012	135.1751361	Yes
1.374	162.4	138.2655439	138.2810395	Yes
1.419	161.8	138.8665983	140.1295301	Yes
1.387	165.1	135.8056071	136.7299399	Yes
1.34	172.6	130.8759536	132.0894189	Yes
1.252	174.1	130.1961465	131.47537	Yes
1.281	171.1	131.6535994	132.2902327	Yes
1.375	170.9	131.7648252	132.7265167	Yes
1.29	165.6	135.3923691	137.7009508	Yes
1.369	164.6	136.2317817	137.7453291	Yes
1.426	163.8	136.9410396	137.1644364	Yes
1.4	164.4	136.4059155	136.4645248	Yes
1.411	165.3	135.6387698	135.6448698	Yes
1.448	166.7	134.5279034	134.8979975	Yes
1.468	168.1	133.514148	133.6164194	Yes
1.338	169.2	132.7835393	133.4227944	Yes

9/11/2019	19:45	26.93	0.501
9/11/2019	19:46	26.92	0.521
9/11/2019	19:47	26.9	0.545
9/11/2019	19:48	26.89	0.595
9/11/2019	19:49	26.9	0.49
9/11/2019	19:50	26.89	0.575
9/11/2019	19:51	26.9	0.636
9/11/2019	19:52	26.92	0.455
9/11/2019	19:53	26.93	0.662
9/11/2019	19:54	26.91	0.484
9/11/2019	19:55	26.88	0.466
9/11/2019	19:56	26.85	0.414
9/11/2019	19:57	26.78	0.458
9/11/2019	19:58	26.72	0.393
9/11/2019	19:59	26.64	0.408
9/11/2019	20:00	26.55	0.33
9/11/2019	20:01	26.46	0.293
9/11/2019	20:02	26.38	0.283
9/11/2019	20:03	26.3	0.23
9/11/2019	20:04	26.22	0.181
9/11/2019	20:05	26.15	0.187
9/11/2019	20:06	26.07	0.212
9/11/2019	20:07	26.01	0.241
9/11/2019	20:08	25.94	0.243
9/11/2019	20:09	25.89	0.276
9/11/2019	20:10	25.82	0.237
9/11/2019	20:11	25.74	0.179
9/11/2019	20:12	25.67	0.091
9/11/2019	20:13	25.61	0.068
9/11/2019	20:14	25.55	0.06
9/11/2019	20:15	25.49	0.054
9/11/2019	20:16	25.4	0.133
9/11/2019	20:17	25.32	0.173
9/11/2019	20:18	25.22	0.202
9/11/2019	20:19	25.1	0.291
9/11/2019	20:20	24.99	0.311
9/11/2019	20:21	24.9	0.287
9/11/2019	20:22	24.83	0.253
9/11/2019	20:23	24.78	0.233
9/11/2019	20:24	24.73	0.211
9/11/2019	20:25	24.69	0.193
9/11/2019	20:26	24.64	0.172
9/11/2019	20:27	24.6	0.143
9/11/2019	20:28	24.56	0.105
9/11/2019	20:29	24.51	0.076
9/11/2019	20:30	24.48	0.042
9/11/2019	20:31	24.44	0.026
9/11/2019	20:32	24.41	0.044
9/11/2019	20:33	24.37	0.036
9/11/2019	20:34	24.34	0.043
9/11/2019	20:35	24.31	0.069

191.2	128.870052	27.09	0.615
187.4	128.1690162	27.07	0.63
184.4	128.0167799	27.04	0.66
189	128.3944101	27.03	0.754
187.3	128.1582717	27.04	0.636
186.2	128.065931	27.03	0.655
185.4	128.0284797	27.03	0.63
184.6	128.016	27.04	0.662
185.3	128.0255546	27.05	0.712
188	128.2417275	27.04	0.575
186.8	128.1104281	27	0.571
194.9	130.1127622	26.95	0.51
197.3	131.2265166	26.9	0.501
195.9	130.5466922	26.83	0.463
196.2	130.6852129	26.76	0.445
199.4	132.4088779	26.67	0.377
193.3	129.506112	26.58	0.347
190.8	128.7691755	26.51	0.344
189.4	128.4665503	26.44	0.262
186.3	128.0723698	26.37	0.197
194.2	129.8341932	26.31	0.217
198.7	131.9926732	26.25	0.216
207	138.4636301	26.19	0.244
202	134.1548834	26.15	0.254
183.6	128.0355004	26.11	0.318
183.4	128.0440822	26.05	0.291
198.1	131.6535994	25.99	0.235
238.6	177.8276612	25.9	0.127
260.9	148.0785655	25.83	0.085
304.2	165.4588142	25.76	0.045
329.8	155.8985853	25.69	0.032
349.4	132.6567999	25.62	0.126
355.8	129.5409061	25.53	0.162
345.2	135.7219305	25.43	0.165
327.5	160.5047386	25.32	0.275
334.1	148.5743588	25.22	0.297
331.8	152.2972712	25.14	0.264
344.3	136.4937737	25.07	0.225
359.6	128.5050003	25.01	0.189
4.99	128.0189657	24.95	0.181
4.832	128.0170495	24.9	0.19
23.96	135.6886044	24.85	0.158
26.81	138.2753948	24.81	0.152
29.23	140.8288913	24.77	0.116
18.32	131.7760465	24.73	0.079
20.2	132.9121422	24.69	0.035
0	128.4296876	24.64	0.037
182.2	128.1283904	24.6	0.053
237.9	179.4337369	24.57	0.08
183.3	128.0489586	24.56	0.085
187.7	128.2036041	24.55	0.09

167.9	133.6531567	27.36	0.96
160.9	139.8069561	27.33	1.012
162.8	137.8760949	27.3	1.01
161.4	139.278727	27.28	1.029
162.8	137.8760949	27.29	1.026
160.8	139.914364	27.27	0.966
162.7	137.9726212	27.27	1.009
161.3	139.3832047	27.28	1.002
160	140.7951122	27.27	0.956
165.7	135.3112579	27.24	0.92
165	135.8898012	27.2	0.908
170.9	131.7648252	27.14	0.818
172.1	131.1241663	27.09	0.796
169.7	132.4701664	27.02	0.814
167.6	133.8652759	26.96	0.801
169.4	132.6567999	26.88	0.687
167.3	134.0817512	26.81	0.642
165.8	135.2306555	26.77	0.624
165.1	135.8056071	26.71	0.505
162	138.6639767	26.66	0.392
166.4	134.7576487	26.62	0.411
172.1	131.1241663	26.59	0.413
179.2	128.5866722	26.56	0.473
175.6	129.6117355	26.53	0.495
162.1	138.5635199	26.53	0.573
159.3	141.5976893	26.51	0.531
170.3	132.1093104	26.44	0.385
192.8	129.3383252	26.32	0.223
200.7	133.2418584	26.21	0.156
217.6	152.6415793	26.11	0.091
285.7	146.6082498	26.02	0.068
327.2	161.1450705	25.95	0.046
332.7	150.7894808	25.87	0.09
315.2	192.5757179	25.76	0.163
307.5	171.3461128	25.63	0.309
308.7	173.7380647	25.53	0.332
301.8	161.7528127	25.46	0.309
313	192.5757179	25.4	0.269
323.8	169.1107479	25.35	0.239
332.8	150.6260744	25.29	0.198
333.4	149.6625543	25.24	0.202
347.6	133.8652759	25.19	0.142
349.9	132.3480491	25.15	0.116
354.2	130.1542428	25.1	0.073
344.9	135.9745142	25.06	0.073
323.1	170.9259926	25.02	0.066
246.9	162.4877295	24.98	0.09
176	129.4717308	24.95	0.099
204.2	135.8898012	24.93	0.13
185.9	128.0489586	24.93	0.107
178.8	128.6747234	24.94	0.155

167.8	133.7233811	27.69	1.051	162.5	138.1673439	28.1
163.5	137.2158368	27.67	1.049	157.6	143.6757156	28.08
162.6	138.0697036	27.64	1.076	156.6	144.9870876	28.08
161.5	139.1748294	27.62	1.171	155.6	146.3676144	28.07
162.3	138.3643054	27.61	0.943	156.9	144.586539	28.03
164.2	136.5821614	27.57	0.992	156.4	145.2575724	27.96
162.1	138.5635199	27.57	0.965	156.6	144.9870876	27.92
162.3	138.3643054	27.56	0.982	154.6	147.8201441	27.88
161.6	139.0715101	27.54	0.963	156.4	145.2575724	27.87
165	135.8898012	27.51	0.897	157.5	143.8038178	27.83
167.4	134.0091067	27.48	0.925	159.4	141.481181	27.77
169.9	132.3480491	27.43	0.837	163.3	137.4017445	27.75
171.6	131.3833467	27.39	0.882	164.5	136.3185854	27.75
170.4	132.0507649	27.34	0.81	164.4	136.4059155	27.74
169.2	132.7835393	27.29	0.832	162.8	137.8760949	27.74
170.3	132.1093104	27.25	0.75	164.2	136.5821614	27.74
169.1	132.8476073	27.2	0.729	162.8	137.8760949	27.73
168.6	133.1749726	27.2	0.719	162.5	138.1673439	27.74
167.2	134.1548834	27.17	0.632	161.8	138.8665983	27.73
166.9	134.3772185	27.15	0.496	160.4	140.3499361	27.72
167.7	133.7940871	27.13	0.524	163.4	137.3085186	27.69
171.3	131.5441627	27.1	0.499	165.5	135.4739906	27.64
176	129.4717308	27.08	0.523	171.5	131.436508	27.6
174.7	129.9510588	27.06	0.564	169.9	132.3480491	27.56
168.4	133.3092177	27.06	0.623	164.7	136.145503	27.53
164.7	136.145503	27.06	0.604	162.6	138.0697036	27.49
167	134.3026158	27.02	0.528	163	137.6847037	27.43
176.1	129.4377621	26.89	0.318	162.4	138.2655439	27.35
179.2	128.5866722	26.73	0.219	165.8	135.2306555	27.25
190.5	128.6977354	26.59	0.195	173.3	130.5466922	27.11
191.8	129.0334674	26.47	0.177	170.8	131.8211113	26.98
289.9	149.1519294	26.37	0.072	191.8	129.0334674	26.85
306.5	169.4586546	26.29	0.075	230.6	184.28627	26.72
294.3	152.8094541	26.2	0.165	276	143.9085582	26.59
296.8	155.3841351	26.06	0.337	276.4	143.936624	26.46
292.1	150.8472717	25.91	0.358	273.3	143.9026392	26.29
279.9	144.4833098	25.82	0.33	262.2	147.3018158	26.19
286.5	147.0253234	25.75	0.313	263.2	146.7610226	26.13
296.6	155.1640479	25.69	0.283	269.2	144.5069269	26.08
299.3	158.3536654	25.63	0.268	269.1	144.530992	26.02
298.5	157.3584661	25.59	0.267	268.7	144.6317408	25.96
303.1	163.7036852	25.53	0.238	264.9	145.9522103	25.89
306.2	168.9104738	25.49	0.223	257.7	150.3590693	25.86
304	165.1323684	25.45	0.199	247.6	161.4641376	25.83
281.5	144.915171	25.41	0.21	240.7	173.3294827	25.82
239.8	175.2003149	25.37	0.218	225.2	168.6037636	25.83
216.5	150.7894808	25.35	0.222	216.7	151.1187431	25.85
192	129.0911795	25.33	0.209	202.2	134.3026158	25.86
199.5	132.4701664	25.33	0.224	201.4	133.7233811	25.88
192.6	129.2740865	25.35	0.21	188.7	128.3444613	25.93
184	128.0230196	25.37	0.233	186.2	128.065931	25.95

1.384	168.1	133.514148	133.5856164	Yes
1.399	163.9	136.8505178	137.1436085	Yes
1.393	163.4	137.3085186	137.2516369	Yes
1.441	162.4	138.2655439	138.296225	Yes
1.317	162.8	137.8760949	137.3722612	Yes
1.313	161.4	139.278727	137.8197512	Yes
1.379	163.1	137.5898354	137.4283088	Yes
1.353	161.2	139.4882645	138.6143837	Yes
1.227	161	139.7001382	138.5699775	Yes
1.249	164.4	136.4059155	135.930504	Yes
1.157	165	135.8898012	135.0760637	Yes
1.121	168.7	133.1085592	132.947188	Yes
1.145	170.8	131.8211113	132.3747452	Yes
1.139	170.8	131.8211113	132.6589301	Yes
1.153	170.3	132.1093104	133.4638867	Yes
1.056	170.2	132.1683105	133.185092	Yes
1.014	169.9	132.3480491	133.3319229	Yes
0.953	169.9	132.3480491	133.5380393	Yes
0.86	169.8	132.4088779	133.9405034	Yes
0.725	169.3	132.7199372	134.8366876	Yes
0.695	170.6	131.9350344	133.5258964	Yes
0.651	172.8	130.7797169	132.1829419	Yes
0.704	176.5	129.3060009	131.4529084	Yes
0.731	176	129.4717308	131.1074915	Yes
0.754	171.4	131.490113	133.5087708	Yes
0.736	170.7	131.8778474	135.1469651	Yes
0.684	171.3	131.5441627	133.4588784	Yes
0.586	171.9	131.2265166	141.2191618	Yes
0.468	171.5	131.436508	135.3148519	Yes
0.397	172.4	130.9739291	141.66375	Yes
0.395	170.5	131.9926732	139.0708174	Yes
0.264	175.1	129.7960751	140.3566685	Yes
0.234	178.8	128.6747234	152.550007	Yes
0.158	212.8	145.2575724	154.0546466	Yes
0.287	266.3	145.3884291	155.3120079	Yes
0.336	256.8	151.0987909	153.632225	Yes
0.335	240.2	174.3585583	156.0387535	Yes
0.347	236.4	183.0684457	161.1848567	Yes
0.365	243.4	168.1922038	153.0957854	Yes
0.362	243.8	167.4881453	149.8035686	Yes
0.362	247.4	161.7528127	148.2845246	Yes
0.379	236.2	183.5738179	152.5567187	Yes
0.365	230.6	184.28627	154.8358514	Yes
0.366	222.2	161.577273	151.8313826	Yes
0.399	221.6	160.2933984	149.2577226	Yes
0.408	209.5	141.1353782	157.7555183	Yes
0.409	207.6	139.0715101	146.3794302	Yes
0.408	200.6	133.1749726	130.8337778	Yes
0.418	195.4	130.3244035	142.3682978	Yes
0.397	190.5	128.6977354	128.4828401	Yes
0.41	186.5	128.0864199	128.2107396	Yes

9/11/2019	20:36	24.29	0.066
9/11/2019	20:37	24.27	0.057
9/11/2019	20:38	24.24	0.138
9/11/2019	20:39	24.2	0.155
9/11/2019	20:40	24.16	0.225
9/11/2019	20:41	24.13	0.243
9/11/2019	20:42	24.08	0.193
9/11/2019	20:43	24.05	0.061
9/11/2019	20:44	24.02	0.043
9/11/2019	20:45	23.99	0.15
9/11/2019	20:46	23.96	0.155
9/11/2019	20:47	23.97	0.229
9/11/2019	20:48	24.01	0.263
9/11/2019	20:49	24.04	0.339
9/11/2019	20:50	24.06	0.438
9/11/2019	20:51	24.1	0.492
9/11/2019	20:52	24.1	0.422
9/11/2019	20:53	24.09	0.371
9/11/2019	20:54	24.08	0.305
9/11/2019	20:55	24.06	0.351
9/11/2019	20:56	24.05	0.368
9/11/2019	20:57	24.04	0.403
9/11/2019	20:58	24.04	0.365
9/11/2019	20:59	24.04	0.372
9/11/2019	21:00	24.04	0.318
9/11/2019	21:01	24.04	0.248
9/11/2019	21:02	24.03	0.195
9/11/2019	21:03	24.01	0.242
9/11/2019	21:04	24.01	0.276
9/11/2019	21:05	24.01	0.211
9/11/2019	21:06	23.99	0.222
9/11/2019	21:07	23.98	0.174
9/11/2019	21:08	23.96	0.158
9/11/2019	21:09	23.94	0.183
9/11/2019	21:10	23.94	0.263
9/11/2019	21:11	23.95	0.367
9/11/2019	21:12	23.96	0.357
9/11/2019	21:13	23.95	0.355
9/11/2019	21:14	23.95	0.349
9/11/2019	21:15	23.95	0.392
9/11/2019	21:16	23.96	0.408
9/11/2019	21:17	23.94	0.358
9/11/2019	21:18	23.93	0.295
9/11/2019	21:19	23.9	0.247
9/11/2019	21:20	23.87	0.222
9/11/2019	21:21	23.84	0.202
9/11/2019	21:22	23.79	0.186
9/11/2019	21:23	23.75	0.217
9/11/2019	21:24	23.7	0.178
9/11/2019	21:25	23.65	0.274
9/11/2019	21:26	23.61	0.188

212.6	144.9870876	24.54	0.084
48.18	176.7169851	24.52	0.029
7.112	128.1391335	24.49	0.076
21.42	133.7374837	24.46	0.119
5.425	128.0292719	24.42	0.194
337.7	143.5482783	24.37	0.238
319.8	180.4133026	24.31	0.253
309.9	176.2761595	24.27	0.126
251.8	156.0596058	24.23	0.101
219.5	156.0881634	24.21	0.158
202.6	134.6039881	24.2	0.2
202.3	134.3772185	24.22	0.283
200.3	132.977145	24.27	0.31
191.8	129.0334674	24.3	0.372
185.3	128.0255546	24.34	0.462
186.1	128.0598829	24.39	0.514
183.9	128.0255546	24.4	0.489
182.2	128.1283904	24.37	0.444
189.5	128.4855767	24.35	0.399
186.5	128.0864199	24.31	0.404
186.7	128.1020341	24.3	0.419
194.6	129.9908531	24.29	0.424
201.6	133.8652759	24.29	0.408
202.7	134.6805694	24.29	0.37
198.3	131.7648252	24.29	0.347
205.4	136.9410396	24.3	0.298
248.5	160.201762	24.28	0.245
266.6	145.2794496	24.26	0.28
278.8	144.2529947	24.26	0.31
286.2	146.8652868	24.26	0.293
277.8	144.0902707	24.24	0.286
268.8	144.6058796	24.23	0.239
253.1	154.6247674	24.22	0.216
223.2	163.8037704	24.21	0.231
231.6	187.7071962	24.23	0.309
226.7	172.5339195	24.26	0.415
224.7	167.3583715	24.27	0.4
220.6	158.2364782	24.27	0.406
213.1	145.6685335	24.27	0.398
213.7	146.5095784	24.27	0.442
211.4	143.4215034	24.29	0.468
211.8	143.9325875	24.28	0.4
215.5	149.1915112	24.25	0.357
231.1	185.9739218	24.22	0.34
244.3	166.6276829	24.17	0.315
244.7	165.9547117	24.12	0.297
230.6	184.28627	24.06	0.284
220	157.0502204	24	0.295
225.5	169.3661605	23.94	0.244
207.5	138.968767	23.88	0.352
206.1	137.5898354	23.83	0.26

196.2	130.6852129	24.94	0.125
228.7	178.2639076	24.92	0.064
339.6	141.2500277	24.9	0.049
5.834	128.0456964	24.86	0.056
339.3	141.5976893	24.82	0.151
302.7	163.0894665	24.75	0.225
290	149.2234061	24.69	0.292
275.3	143.8763375	24.64	0.205
246.6	162.9378699	24.61	0.175
214	146.9398193	24.6	0.221
188.5	128.3131374	24.62	0.261
185.3	128.0255546	24.66	0.308
182.8	128.0791994	24.69	0.31
177.4	129.0334674	24.73	0.415
170.4	132.0507649	24.79	0.523
168.5	133.2418584	24.87	0.596
160.6	140.1309578	24.87	0.554
155.9	145.9460296	24.83	0.545
160.1	140.6829105	24.79	0.485
161.6	139.0715101	24.75	0.512
167	134.3026158	24.73	0.501
171.4	131.490113	24.72	0.498
177.2	129.0911795	24.7	0.478
179.6	128.5050003	24.69	0.438
179.2	128.5866722	24.68	0.4
184.4	128.0167799	24.68	0.336
223.8	165.1937679	24.65	0.268
229.9	181.9973899	24.62	0.338
238.6	177.8276612	24.62	0.363
248.7	159.929249	24.61	0.344
245.8	164.1726616	24.6	0.345
240.6	173.5332689	24.6	0.306
231.5	187.3568179	24.59	0.287
215.6	149.347741	24.6	0.319
208	139.4882645	24.64	0.389
207.4	138.8665983	24.68	0.485
215.4	149.0360615	24.71	0.494
206.3	137.780123	24.73	0.487
198.3	131.7648252	24.74	0.472
197.1	131.1241663	24.74	0.51
194.3	129.8727295	24.77	0.531
198.3	131.7648252	24.76	0.472
206.3	137.780123	24.73	0.408
218.3	153.8738695	24.68	0.41
227.5	174.7556358	24.62	0.38
227.4	174.472931	24.54	0.39
213.6	146.3676144	24.46	0.384
202	134.1548834	24.38	0.385
206.5	137.9726212	24.3	0.37
186.4	128.0791994	24.22	0.455
182.1	128.1379589	24.17	0.406

194.5	129.9510588	25.38	0.202	195.2	130.2384741	25.96
210.8	142.6746234	25.37	0.142	205.7	137.2158368	25.98
269.6	144.4151432	25.35	0.165	234.4	188.3560461	25.96
343	137.6847037	25.32	0.158	242.8	169.2750169	25.91
344.2	136.5821614	25.28	0.141	308.8	173.943875	25.86
299.6	158.7381263	25.2	0.241	295.3	153.7939153	25.75
289.3	148.733998	25.1	0.352	279.5	144.3933148	25.61
272.1	144.0026586	25.05	0.307	258.3	149.8904009	25.52
251.3	156.6401729	25.03	0.331	234.2	188.9144624	25.5
219.3	155.7099409	25.04	0.401	219.4	155.8985853	25.54
198.5	131.8778474	25.09	0.422	203	134.9133063	25.62
188.1	128.2552218	25.15	0.474	188.4	128.2980674	25.72
185.3	128.0255546	25.18	0.497	187.7	128.2036041	25.8
180.9	128.2833916	25.24	0.612	180	128.4296876	25.88
172.7	130.8276183	25.32	0.701	172	131.1751217	25.93
168.8	133.042617	25.43	0.81	165.4	135.5561236	26
163.5	137.2158368	25.47	0.801	157.5	143.8038178	26.01
157.5	143.8038178	25.44	0.799	152	151.9563603	26.02
158.9	142.0699862	25.41	0.779	151.1	153.51742	26.05
158.9	142.0699862	25.36	0.792	152	151.9563603	26.06
161.6	139.0715101	25.33	0.768	153.4	149.6625543	26.04
166.2	134.9133063	25.3	0.782	157.2	144.1921397	26.02
170.9	131.7648252	25.26	0.726	162.5	138.1673439	25.97
171.4	131.490113	25.21	0.663	162.4	138.2655439	25.89
171	131.7089882	25.18	0.635	162.7	137.9726212	25.83
175.5	129.6477719	25.17	0.592	164.4	136.4059155	25.82
204	135.7219305	25.13	0.456	187.4	128.1690162	25.75
216	149.9805289	25.08	0.48	202.4	134.4523139	25.68
228.1	176.4826621	25.08	0.496	215.3	148.8813884	25.66
235.3	185.9112491	25.08	0.486	219.2	155.5222256	25.66
235.7	184.8594495	25.09	0.546	222	161.1450705	25.66
232.1	189.4876488	25.09	0.498	221.6	160.2933984	25.66
226.5	171.9924951	25.1	0.485	219.8	156.6625457	25.66
216.9	151.4512959	25.13	0.514	214.8	148.1195561	25.68
210	141.7148217	25.19	0.588	209.1	140.6829105	25.72
209.1	140.6829105	25.24	0.679	207.5	138.968767	25.75
212.2	144.4543929	25.29	0.714	208	139.4882645	25.78
205	136.5821614	25.35	0.704	201.6	133.8652759	25.8
198.4	131.8211113	25.38	0.688	195.9	130.5466922	25.81
195	130.1542428	25.38	0.719	192.9	129.3710598	25.82
192.9	129.3710598	25.41	0.721	188.4	128.2980674	25.84
192.9	129.3710598	25.42	0.672	189.7	128.5248214	25.83
197.5	131.3306282	25.39	0.624	193.1	129.4377621	25.79
206.6	138.0697036	25.32	0.619	203.2	135.0709716	25.71
216.6	150.9537025	25.22	0.598	206.2	137.6847037	25.63
216.4	150.6260744	25.11	0.6	204.9	136.4937737	25.55
208.8	140.3499361	25	0.583	201.2	133.5834127	25.47
198.6	131.9350344	24.93	0.604	193.3	129.506112	25.41
202.2	134.3026158	24.83	0.546	190.8	128.7691755	25.33
184	128.0230196	24.73	0.687	179.9	128.4479207	25.29
178.3	128.7937914	24.7	0.658	173.4	130.5013785	25.3

0.36	193.5	129.5761138	133.0875894	Yes
0.352	193.8	129.6842235	152.9111153	Yes
0.296	220	157.0502204	151.8421142	Yes
0.31	220	157.0502204	145.1586242	Yes
0.202	258.4	149.8141685	145.9934332	Yes
0.232	269.1	144.530992	152.7401557	Yes
0.377	265.3	145.7817973	153.7091637	Yes
0.382	237.5	180.3767538	158.8844621	Yes
0.428	214.4	147.5237341	162.415169	Yes
0.558	206.7	138.1673439	150.5607706	Yes
0.65	192.6	129.2740865	131.7964731	Yes
0.693	188.5	128.3131374	129.4538399	Yes
0.74	186.4	128.0791994	129.0729405	Yes
0.818	181.6	128.1916822	128.5943393	Yes
0.888	176.1	129.4377621	130.3033643	Yes
0.989	173.4	130.5013785	132.0803721	Yes
0.962	169.5	132.5941263	136.3540587	Yes
1.006	166	135.0709716	140.981114	Yes
1.027	166.6	134.6039881	139.8719763	Yes
1.053	167	134.3026158	139.0973784	Yes
1.056	167.2	134.1548834	137.0587195	Yes
1.054	168.2	133.4453614	134.8063547	Yes
1.004	169.1	132.8476073	133.1472464	Yes
0.934	167.9	133.6531567	133.3188767	Yes
0.88	168.2	133.4453614	132.6956937	Yes
0.818	170.2	132.1683105	132.6359635	Yes
0.708	180.8	128.2980674	143.5169088	Yes
0.672	192.1	129.120645	148.1660655	Yes
0.629	200.2	132.9121422	156.0713697	Yes
0.619	202.8	134.7576487	156.5971318	Yes
0.665	210.3	142.0699862	159.2674877	Yes
0.635	209.2	140.7951122	161.7430616	Yes
0.605	208.6	140.1309578	162.1535168	Yes
0.63	203.9	135.6387698	149.6722266	Yes
0.721	199.6	132.5319155	148.4250217	Yes
0.81	198.1	131.6535994	144.5411589	Yes
0.833	200.1	132.8476073	146.6369395	Yes
0.841	195.4	130.3244035	139.3576884	Yes
0.843	190.6	128.7211479	133.704462	Yes
0.868	188.5	128.3131374	133.0944369	Yes
0.888	186.4	128.0791994	131.8085119	Yes
0.835	187.6	128.1916822	132.3569952	Yes
0.812	190.6	128.7211479	135.2922345	Yes
0.776	196.4	130.7797169	148.7536367	Yes
0.785	200.3	132.977145	152.599774	Yes
0.796	202	134.1548834	152.3404748	Yes
0.775	200.1	132.8476073	147.4869681	Yes
0.822	194.9	130.1127622	136.5518025	Yes
0.81	193.1	129.4377621	139.969667	Yes
0.945	185	128.0191197	130.3076053	Yes
0.952	179.9	128.4479207	130.694177	Yes

9/11/2019	21:27	23.56	0.162
9/11/2019	21:28	23.52	0.187
9/11/2019	21:29	23.49	0.192
9/11/2019	21:30	23.47	0.267
9/11/2019	21:31	23.45	0.194
9/11/2019	21:32	23.43	0.178
9/11/2019	21:33	23.43	0.477
9/11/2019	21:34	23.48	0.431
9/11/2019	21:35	23.51	0.392
9/11/2019	21:36	23.54	0.365
9/11/2019	21:37	23.54	0.179
9/11/2019	21:38	23.5	0.158
9/11/2019	21:39	23.46	0.121
9/11/2019	21:40	23.44	0.196
9/11/2019	21:41	23.42	0.267
9/11/2019	21:42	23.4	0.157
9/11/2019	21:43	23.36	0.122
9/11/2019	21:44	23.32	0.143
9/11/2019	21:45	23.29	0.257
9/11/2019	21:46	23.27	0.213
9/11/2019	21:47	23.25	0.212
9/11/2019	21:48	23.24	0.26
9/11/2019	21:49	23.24	0.277
9/11/2019	21:50	23.25	0.393
9/11/2019	21:51	23.25	0.228
9/11/2019	21:52	23.22	0.205
9/11/2019	21:53	23.22	0.382
9/11/2019	21:54	23.23	0.293
9/11/2019	21:55	23.23	0.378
9/11/2019	21:56	23.26	0.47
9/11/2019	21:57	23.29	0.387
9/11/2019	21:58	23.31	0.325
9/11/2019	21:59	23.3	0.297
9/11/2019	22:00	23.3	0.35
9/11/2019	22:01	23.29	0.243
9/11/2019	22:02	23.27	0.182
9/11/2019	22:03	23.24	0.202
9/11/2019	22:04	23.22	0.225
9/11/2019	22:05	23.18	0.162
9/11/2019	22:06	23.14	0.217
9/11/2019	22:07	23.11	0.275
9/11/2019	22:08	23.09	0.367
9/11/2019	22:09	23.08	0.372
9/11/2019	22:10	23.06	0.227
9/11/2019	22:11	23.04	0.138
9/11/2019	22:12	23.01	0.142
9/11/2019	22:13	22.97	0.122
9/11/2019	22:14	22.94	0.048
9/11/2019	22:15	22.91	0.081
9/11/2019	22:16	22.89	0.073
9/11/2019	22:17	22.86	0.155

268.4	144.7120259	23.77	0.202
261.2	147.8918251	23.71	0.246
225.3	168.856618	23.67	0.286
197.6	131.3833467	23.65	0.31
223.2	163.8037704	23.65	0.267
217.7	152.8150171	23.63	0.255
191.9	129.0621204	23.65	0.531
195.3	130.2812262	23.74	0.498
198.3	131.7648252	23.79	0.426
206.3	137.780123	23.82	0.424
239	176.9345288	23.82	0.236
286.4	146.9714914	23.77	0.212
273.7	143.8833505	23.71	0.177
216.8	151.2846063	23.68	0.227
204.2	135.8898012	23.66	0.299
215.6	149.347741	23.62	0.218
213.9	146.7956779	23.57	0.169
218.2	153.695204	23.52	0.173
195.2	130.2384741	23.47	0.289
181.1	128.2552218	23.44	0.324
181	128.2691098	23.43	0.331
187.8	128.2159189	23.41	0.343
196.2	130.6852129	23.43	0.403
189.8	128.5450401	23.45	0.436
225.9	170.4007875	23.44	0.269
221	159.0470698	23.4	0.297
204.4	136.0597477	23.41	0.487
210.8	142.6746234	23.43	0.382
193.2	129.4717308	23.44	0.458
199.2	132.2876789	23.48	0.514
190.2	128.6298991	23.52	0.488
207.1	138.5635199	23.54	0.38
199.6	132.5319155	23.53	0.368
190.9	128.7937914	23.53	0.443
201.7	133.9369487	23.52	0.337
210.6	142.43085	23.48	0.252
218.8	154.7805667	23.44	0.275
225.6	169.6228634	23.41	0.321
235.6	185.120437	23.37	0.238
231	185.6327901	23.32	0.311
208.2	139.7001382	23.29	0.384
191	128.8188092	23.29	0.45
176.6	129.2740865	23.3	0.504
188.1	128.2552218	23.29	0.3
246.9	162.4877295	23.26	0.188
283.6	145.6589028	23.23	0.192
307.3	170.9610894	23.19	0.181
275	143.869106	23.17	0.108
231.9	188.7697038	23.14	0.134
206.7	138.1673439	23.13	0.119
184.4	128.0167799	23.11	0.176

237.4	180.615438	24.09	0.264
229.4	180.4133026	24	0.383
202.1	134.2285045	23.95	0.457
180.5	128.3444613	23.94	0.416
201.1	133.514148	23.95	0.397
193.1	129.4377621	23.95	0.401
173.7	130.3680067	24.03	0.62
175.2	129.7583745	24.2	0.598
176.9	129.1807975	24.26	0.524
190.7	128.7449612	24.28	0.501
212.1	144.3229273	24.26	0.35
254.7	153.0016129	24.17	0.327
244	167.1413681	24.09	0.33
192.7	129.3060009	24.03	0.346
190.8	128.7691755	23.98	0.395
192.1	129.120645	23.92	0.337
187	128.1283904	23.85	0.299
191.2	128.870052	23.77	0.292
170.1	132.2277664	23.71	0.412
159.6	141.2500277	23.69	0.499
152.3	151.4512959	23.7	0.543
163.2	137.4955162	23.7	0.537
168.5	133.2418584	23.75	0.558
168.8	133.042617	23.8	0.573
197.9	131.5441627	23.79	0.373
193.4	129.5409061	23.73	0.47
181.1	128.2552218	23.76	0.638
188.7	128.3444613	23.77	0.55
173.4	130.5013785	23.8	0.608
178.1	128.8442293	23.86	0.616
168.1	133.514148	23.9	0.632
183.5	128.0395961	23.92	0.549
175.8	129.5409061	23.89	0.553
168.3	133.3770516	23.9	0.619
177.9	128.8962779	23.87	0.54
184.9	128.0177548	23.82	0.423
189.9	128.565657	23.76	0.458
201	133.4453614	23.72	0.497
209.8	141.481181	23.66	0.418
208.4	139.914364	23.61	0.524
188.6	128.328602	23.61	0.611
171.7	131.3306282	23.64	0.648
154.4	148.1195561	23.69	0.727
166.3	134.8352272	23.7	0.502
211.1	143.0451277	23.66	0.358
245.4	164.8092124	23.62	0.3
264.7	146.0402375	23.56	0.226
225	168.1018522	23.53	0.201
209.2	140.7951122	23.49	0.234
196.8	130.9739291	23.47	0.217
168.8	133.042617	23.45	0.259

211.4	143.4215034	24.59	0.37	191.3	128.8962779	25.18
215.6	149.347741	24.45	0.435	197.6	131.3833467	25.02
196	130.5924354	24.4	0.632	186	128.0542255	25.02
178.7	128.6977354	24.42	0.643	178.4	128.7691755	25.11
194.2	129.8341932	24.46	0.61	186.6	128.0940314	25.19
186.3	128.0723698	24.51	0.627	181.7	128.180153	25.26
174	130.2384741	24.63	0.853	173.5	130.4564935	25.35
174.5	130.0310681	24.83	0.829	172.1	131.1241663	25.45
174.3	130.1127622	24.91	0.783	169.9	132.3480491	25.53
181.3	128.2286266	24.92	0.749	177.3	129.0621204	25.55
200.7	133.2418584	24.86	0.537	185.8	128.0440822	25.5
244	167.1413681	24.71	0.286	220.9	158.8429179	25.29
228	176.1911131	24.59	0.269	213.4	146.0858429	25.08
189.9	128.565657	24.47	0.427	182.8	128.0791994	24.94
187.1	128.1379589	24.4	0.527	175.2	129.7583745	24.94
184.1	128.0208746	24.32	0.463	172.3	131.0235708	24.85
174.6	129.9908531	24.22	0.408	161.1	139.5939084	24.78
178.1	128.8442293	24.11	0.367	160.4	140.3499361	24.73
162.3	138.3643054	24.04	0.557	156.1	145.6685335	24.67
155.1	147.0846926	24.07	0.745	150.7	154.2338617	24.85
149.2	157.0502204	24.14	0.799	147.4	160.717127	25.04
156.3	145.3938588	24.21	0.804	152.9	150.4634796	25.21
159.4	141.481181	24.3	0.779	158.9	142.0699862	25.32
166.2	134.9133063	24.4	0.847	160.1	140.6829105	25.39
182.4	128.1104281	24.37	0.589	167.7	133.7940871	25.34
176.9	129.1807975	24.27	0.604	168.2	133.4453614	25.16
177.3	129.0621204	24.28	0.808	170.3	132.1093104	25.15
180.9	128.2833916	24.28	0.738	173.8	130.3244035	25.09
169.6	132.5319155	24.3	0.834	167.8	133.7233811	25.11
172.7	130.8276183	24.39	0.822	169.4	132.6567999	25.2
166.3	134.8352272	24.45	0.863	165	135.8898012	25.25
178	128.870052	24.48	0.75	171	131.7089882	25.27
169	132.9121422	24.43	0.741	167.2	134.1548834	25.23
164.1	136.6710803	24.44	0.851	163.1	137.5898354	25.23
171.2	131.5986579	24.42	0.711	165.4	135.5561236	25.22
176	129.4717308	24.34	0.597	166.5	134.6805694	25.16
178.3	128.7937914	24.25	0.584	170.7	131.8778474	25.08
188.9	128.3773651	24.21	0.639	179.9	128.4479207	25.05
192.6	129.2740865	24.14	0.484	185.8	128.0440822	24.96
194.6	129.9908531	24.08	0.6	188.1	128.2552218	24.88
184.7	128.016195	24.09	0.741	178.4	128.7691755	24.84
170.6	131.9350344	24.13	0.848	169.1	132.8476073	24.86
156.9	144.586539	24.25	0.935	157.1	144.3229273	24.9
165.1	135.8056071	24.3	0.737	160.6	140.1309578	24.91
190.7	128.7449612	24.27	0.49	182.1	128.1379589	24.9
224.7	167.3583715	24.22	0.369	206.4	137.8760949	24.84
231.8	188.4136263	24.15	0.261	214.3	147.3766469	24.75
201	133.4453614	24.08	0.249	190.8	128.7691755	24.7
194	129.7583745	24.02	0.301	183.5	128.0395961	24.66
186.6	128.0940314	23.99	0.328	173.3	130.5466922	24.65
168.7	133.1085592	23.99	0.398	161.7	138.968767	24.63

0.762	184.3	128.0177548	145.1326	Yes
0.823	190.3	128.6521114	147.5376653	Yes
0.932	191.5	128.9499403	138.1363447	Yes
0.887	184.5	128.016195	129.0421828	Yes
0.875	189.4	128.4665503	136.7425387	Yes
0.899	187.6	128.1916822	133.3393968	Yes
1.085	181.7	128.180153	129.6610495	Yes
1.059	181.4	128.2159189	129.8821508	Yes
1.041	180.7	128.3131374	130.3439143	Yes
1.042	185.1	128.0208746	130.3673412	Yes
0.858	188.7	128.3444613	142.1775716	Yes
0.494	195.4	130.3244035	151.2563588	Yes
0.529	189.5	128.4855767	152.3574503	Yes
0.705	184	128.0230196	133.0516966	Yes
0.792	179.3	128.565657	130.2241934	Yes
0.779	173.7	130.3680067	133.5761676	Yes
0.799	166.2	134.9133063	135.8844272	Yes
0.775	163.3	137.4017445	137.8322332	Yes
0.945	162.3	138.3643054	136.9726769	Yes
1.036	165.5	135.4739906	141.2595589	Yes
1.084	163.6	137.1236975	146.9222901	Yes
1.098	168.6	133.1749726	138.9487492	Yes
1.077	171.6	131.3833467	135.772317	Yes
1.11	171.8	131.2783518	133.6924451	Yes
0.952	172.4	130.9739291	138.9646789	Yes
1.049	175	129.8341932	136.2096656	Yes
1.116	178.5	128.7449612	130.8462723	Yes
1.067	179.1	128.6080861	131.6469932	Yes
1.15	177.9	128.8962779	131.0249367	Yes
1.121	180.2	128.3944101	130.6021473	Yes
1.11	176.6	129.2740865	132.4286324	Yes
1.074	180	128.4296876	131.1223688	Yes
1.058	176.2	129.4042052	131.7088105	Yes
1.115	174.7	129.9510588	133.2765635	Yes
1.061	175.1	129.7960751	131.9568166	Yes
0.958	173.9	130.2812262	132.9764263	Yes
0.955	175.8	129.5409061	134.7117537	Yes
0.958	181.4	128.2159189	137.6218859	Yes
0.858	183.2	128.0542255	142.3948024	Yes
0.931	186.5	128.0864199	142.3759298	Yes
1.025	183.1	128.0598829	130.5747987	Yes
1.068	176.9	129.1807975	130.8225753	Yes
1.091	168.5	133.2418584	139.9089935	Yes
0.948	170.3	132.1093104	134.2272649	Yes
0.785	181.9	128.1582717	138.1148098	Yes
0.583	192.9	129.3710598	149.0147283	Yes
0.52	193	129.4042052	156.4391611	Yes
0.507	183.2	128.0542255	140.4479441	Yes
0.592	181.2	128.2417275	143.1209028	Yes
0.566	179.5	128.5248214	131.2613636	Yes
0.639	171.3	131.5441627	132.9361772	Yes

9/11/2019	22:18	22.86	0.235
9/11/2019	22:19	22.87	0.195
9/11/2019	22:20	22.89	0.366
9/11/2019	22:21	22.92	0.257
9/11/2019	22:22	22.94	0.314
9/11/2019	22:23	22.95	0.291
9/11/2019	22:24	22.95	0.181
9/11/2019	22:25	22.95	0.293
9/11/2019	22:26	22.95	0.308
9/11/2019	22:27	22.94	0.212
9/11/2019	22:28	22.92	0.148
9/11/2019	22:29	22.89	0.199
9/11/2019	22:30	22.87	0.138
9/11/2019	22:31	22.83	0.128
9/11/2019	22:32	22.79	0.198
9/11/2019	22:33	22.76	0.207
9/11/2019	22:34	22.73	0.174
9/11/2019	22:35	22.71	0.188
9/11/2019	22:36	22.69	0.144
9/11/2019	22:37	22.67	0.102
9/11/2019	22:38	22.64	0.067
9/11/2019	22:39	22.62	0.133
9/11/2019	22:40	22.59	0.178
9/11/2019	22:41	22.55	0.242
9/11/2019	22:42	22.51	0.271
9/11/2019	22:43	22.47	0.173
9/11/2019	22:44	22.44	0.152
9/11/2019	22:45	22.4	0.132
9/11/2019	22:46	22.36	0.147
9/11/2019	22:47	22.32	0.107
9/11/2019	22:48	22.29	0.09
9/11/2019	22:49	22.27	0.102
9/11/2019	22:50	22.26	0.191
9/11/2019	22:51	22.26	0.11
9/11/2019	22:52	22.24	0.212
9/11/2019	22:53	22.23	0.154
9/11/2019	22:54	22.22	0.269
9/11/2019	22:55	22.25	0.224
9/11/2019	22:56	22.27	0.275
9/11/2019	22:57	22.3	0.247
9/11/2019	22:58	22.32	0.168
9/11/2019	22:59	22.31	0.161
9/11/2019	23:00	22.3	0.15
9/11/2019	23:01	22.29	0.126
9/11/2019	23:02	22.28	0.09
9/11/2019	23:03	22.26	0.06
9/11/2019	23:04	22.24	0.043
9/11/2019	23:05	22.21	0.028
9/11/2019	23:06	22.19	0.069
9/11/2019	23:07	22.17	0.152
9/11/2019	23:08	22.18	0.268

172.9	130.7322487	23.12	0.266
198.4	131.8211113	23.14	0.263
186.2	128.065931	23.17	0.411
167.6	133.8652759	23.22	0.374
163.7	137.032099	23.26	0.41
174.3	130.1127622	23.29	0.385
181.1	128.2552218	23.28	0.271
183.2	128.0542255	23.27	0.391
195.8	130.5013785	23.26	0.408
215.4	149.0360615	23.24	0.313
224.2	166.1438025	23.2	0.227
204.9	136.4937737	23.15	0.274
219.5	156.0881634	23.11	0.229
243	168.9104738	23.06	0.183
244	167.1413681	23.01	0.268
245.7	164.3305874	22.97	0.278
234.2	188.9144624	22.93	0.261
223	163.3495837	22.92	0.278
261.2	147.8918251	22.91	0.2
314.8	192.5757179	22.89	0.134
341.7	138.968767	22.87	0.102
344.2	136.5821614	22.85	0.145
340	140.7951122	22.83	0.228
354.1	130.1961465	22.79	0.309
355.8	129.5409061	22.76	0.327
19.19	132.2816671	22.72	0.216
13.42	129.5479146	22.68	0.182
18.7	131.9926732	22.63	0.163
34.33	147.4206951	22.59	0.179
47	173.356455	22.54	0.118
80.9	148.0785655	22.5	0.076
103.2	145.5015641	22.47	0.083
125.1	166.9692794	22.45	0.171
124.7	166.2895033	22.46	0.148
159.3	141.5976893	22.45	0.273
142.4	172.8067032	22.46	0.232
161.7	138.968767	22.48	0.343
174	130.2384741	22.53	0.296
187.8	128.2159189	22.56	0.342
202.8	134.7576487	22.61	0.334
232.7	191.6887683	22.62	0.231
272.8	143.936624	22.6	0.204
261.8	147.531862	22.59	0.208
278.3	144.1660972	22.57	0.181
292.2	150.9305587	22.55	0.144
311.4	179.6677453	22.53	0.084
322.9	171.4565408	22.5	0.06
185	128.0191197	22.48	0.058
195.3	130.2812262	22.47	0.107
194.2	129.8341932	22.46	0.178
188.7	128.3444613	22.5	0.346

158.2	142.9209771	23.47	0.351
173.8	130.3244035	23.51	0.394
158.9	142.0699862	23.56	0.502
139.9	180.1014276	23.64	0.537
138.8	183.6236488	23.71	0.565
147.8	159.8738411	23.76	0.586
152.6	150.9537025	23.76	0.515
157.6	143.6757156	23.74	0.601
174	130.2384741	23.72	0.632
188.4	128.2980674	23.68	0.503
199.2	132.2876789	23.61	0.383
183.2	128.0542255	23.53	0.455
189.8	128.5450401	23.48	0.426
212.3	144.586539	23.4	0.337
216.1	150.1407104	23.33	0.446
218.5	154.2338617	23.27	0.466
211.4	143.4215034	23.24	0.478
199.8	132.6567999	23.26	0.47
228.2	176.7757169	23.26	0.334
273.2	143.9085582	23.24	0.175
258.4	149.8141685	23.23	0.185
297.5	156.1744239	23.22	0.144
301.6	161.4641376	23.19	0.254
323.7	169.3661605	23.16	0.512
326.1	163.5761126	23.18	0.515
344.1	136.6710803	23.16	0.341
342.1	138.5635199	23.12	0.315
346.4	134.7576487	23.06	0.292
0.009	128.4280661	23.03	0.229
11.12	128.8493616	22.99	0.117
51.61	187.7423376	22.95	0.075
86.7	145.2440439	22.9	0.042
108.4	148.1418203	22.87	0.144
94.3	143.8675721	22.84	0.108
130.6	177.8276612	22.84	0.303
123	163.5489495	22.85	0.286
138.4	184.9559525	22.89	0.437
154.5	147.9694733	22.96	0.472
166.3	134.8352272	23	0.464
181	128.2691098	23.03	0.525
206.2	137.6847037	23.03	0.37
238.7	177.6027217	22.98	0.304
231.9	188.7697038	22.95	0.361
245.9	164.0155381	22.92	0.258
250.9	157.1163888	22.89	0.214
254.3	153.3930028	22.87	0.133
249.1	159.3928048	22.85	0.172
219.8	156.6625457	22.85	0.162
189.1	128.4118509	22.86	0.204
183.8	128.0284797	22.86	0.247
174.4	130.0717042	22.89	0.435

159.9	140.9079226	24	0.482	157.1	144.3229273	24.61
165.6	135.3923691	24.02	0.535	158.5	142.5524154	24.62
157.6	143.6757156	24.07	0.658	156	145.8069274	24.65
142.9	171.4565408	24.15	0.676	146.2	163.3495837	24.72
144.6	167.1130196	24.23	0.766	149.1	157.2454979	24.78
148.5	158.4376272	24.27	0.756	150.9	153.8738695	24.83
153.1	150.1407104	24.29	0.712	150.6	154.4151969	24.89
159.4	141.481181	24.3	0.825	158.3	142.7974765	24.94
171.3	131.5441627	24.29	0.83	166.6	134.6039881	24.99
180.4	128.3607156	24.26	0.688	173.6	130.4120364	24.95
184	128.0230196	24.16	0.562	177	129.1505175	24.84
177.2	129.0911795	24.06	0.621	172.7	130.8276183	24.79
180.7	128.3131374	24	0.584	175.9	129.506112	24.75
191.1	128.8442293	23.92	0.478	180.6	128.328602	24.71
193.8	129.6842235	23.81	0.498	186.4	128.0791994	24.59
199.2	132.2876789	23.73	0.523	193.3	129.506112	24.49
195.3	130.2812262	23.7	0.558	190.5	128.6977354	24.46
191	128.8188092	23.75	0.602	186.5	128.0864199	24.46
208.3	139.8069561	23.78	0.471	201.1	133.514148	24.45
242.2	170.3906689	23.77	0.27	218.9	154.96461	24.42
212.6	144.9870876	23.76	0.304	203.1	134.9918873	24.37
245.5	164.6488595	23.76	0.243	217.1	151.7871691	24.38
283.2	145.5015641	23.72	0.244	248.6	160.0651457	24.32
323.3	170.4007875	23.64	0.442	307.6	171.5400605	24.19
324.6	167.1130196	23.61	0.448	303.6	164.489319	24.09
327.6	160.2933984	23.59	0.315	296.4	154.9464686	24.04
331.7	152.4689987	23.57	0.328	300.2	159.5258496	24.01
333.7	149.1915112	23.54	0.258	287.5	147.5906108	23.98
342.7	137.9726212	23.51	0.165	300.2	159.5258496	23.97
333.6	149.347741	23.47	0.142	284	145.823697	23.94
349.6	132.5319155	23.42	0.082	230.1	182.6427564	23.9
172	131.1751217	23.38	0.095	198.6	131.9350344	23.86
142.7	171.9924951	23.35	0.207	150.4	154.7805667	23.86
95.5	143.8833505	23.33	0.163	142.1	173.6334397	23.86
134.2	186.7139875	23.33	0.355	136.4	192.0626612	23.82
138.2	185.6327901	23.34	0.353	138.1	185.9739218	23.8
150.6	154.4151969	23.36	0.494	153.9	148.8813884	23.81
163.9	136.8505178	23.42	0.594	164.1	136.6710803	23.87
170.2	132.1683105	23.44	0.632	169.8	132.4088779	23.93
179	128.6298991	23.48	0.621	178.4	128.7691755	24
195.1	130.1961465	23.48	0.506	189.6	128.5050003	24.04
213.3	145.9460296	23.43	0.351	206.8	138.2655439	23.99
212.2	144.4543929	23.39	0.424	207.5	138.968767	23.97
220.7	158.4376272	23.36	0.364	211.5	143.5482783	23.93
218.8	154.7805667	23.32	0.343	214	146.9398193	23.89
225.6	169.6228634	23.3	0.226	219.2	155.5222256	23.87
215.7	149.5047542	23.3	0.283	214.6	147.8201441	23.86
208.7	140.2401479	23.32	0.297	207.2	138.6639767	23.9
191.6	128.9773778	23.35	0.335	194.6	129.9908531	23.93
182.2	128.1283904	23.35	0.322	185.2	128.0230196	23.92
175.6	129.6117355	23.37	0.487	174.1	130.1961465	23.93

0.677	169.3	132.7199372	138.3208026	Yes
0.697	169.9	132.3480491	134.4876697	Yes
0.757	166.7	134.5279034	138.8292927	Yes
0.862	163.4	137.3085186	157.2162693	Yes
0.972	165.7	135.3112579	156.0651046	Yes
0.947	166.5	134.6805694	147.3957339	Yes
0.982	169.3	132.7199372	143.2969538	Yes
1.091	173.4	130.5013785	137.3019954	Yes
1.085	176.4	129.3383252	131.2452657	Yes
1.004	179.5	128.5248214	132.9263404	Yes
0.979	181.7	128.180153	136.7570343	Yes
1.03	178.5	128.7449612	130.6423516	Yes
0.983	179.4	128.5450401	134.1994986	Yes
0.932	181.8	128.1690162	139.7677721	Yes
0.936	185.3	128.0255546	140.6142112	Yes
0.889	188	128.2417275	141.7199935	Yes
0.882	189.3	128.4479207	143.9525696	Yes
0.86	189.4	128.4665503	136.2756326	Yes
0.762	197.2	131.1751217	145.8327536	Yes
0.587	199.9	132.7199372	158.9118984	Yes
0.599	199.1	132.2277664	140.1979354	Yes
0.578	202.2	134.3026158	148.6990459	Yes
0.434	222.1	161.3606366	153.8373192	Yes
0.334	307	170.3906689	162.3787648	Yes
0.357	294.2	152.7142528	155.486722	Yes
0.262	262.7	147.0253234	146.2435876	Yes
0.285	264.3	146.2219614	145.2656488	Yes
0.338	247.8	161.1784514	144.9421791	Yes
0.231	223.9	165.4295013	147.7553467	Yes
0.253	215.8	149.6625543	149.4079618	Yes
0.346	195.2	130.2384741	156.2468098	Yes
0.327	188.4	128.2980674	136.4307663	Yes
0.486	170.3	132.1093104	154.7986944	Yes
0.393	172.8	130.7797169	151.6907165	Yes
0.535	158.4	142.6746234	168.1753245	Yes
0.623	163	137.6847037	169.1294137	Yes
0.774	172.1	131.1241663	151.6690942	Yes
0.884	178	128.870052	136.1199195	Yes
0.948	181.1	128.2552218	131.1767113	Yes
0.992	186.6	128.0940314	129.7039729	Yes
0.883	192.1	129.120645	143.4390528	Yes
0.739	199	132.1683105	147.583846	Yes
0.787	202.7	134.6805694	150.881059	Yes
0.697	204.1	135.8056071	149.1946296	Yes
0.59	209.9	141.5976893	150.2730046	Yes
0.509	211.1	143.0451277	160.2501929	Yes
0.571	210	141.7148217	153.9778131	Yes
0.619	206.4	137.8760949	140.292377	Yes
0.625	200.2	132.9121422	130.11469	Yes
0.616	191.6	128.9773778	128.5982921	Yes
0.754	180.6	128.328602	129.3105299	Yes

9/11/2019	23:09	22.23	0.384
9/11/2019	23:10	22.26	0.322
9/11/2019	23:11	22.27	0.323
9/11/2019	23:12	22.27	0.279
9/11/2019	23:13	22.27	0.225
9/11/2019	23:14	22.24	0.191
9/11/2019	23:15	22.22	0.163
9/11/2019	23:16	22.21	0.286
9/11/2019	23:17	22.22	0.254
9/11/2019	23:18	22.23	0.249
9/11/2019	23:19	22.24	0.168
9/11/2019	23:20	22.23	0.194
9/11/2019	23:21	22.23	0.212
9/11/2019	23:22	22.25	0.239
9/11/2019	23:23	22.28	0.23
9/11/2019	23:24	22.31	0.275
9/11/2019	23:25	22.36	0.18
9/11/2019	23:26	22.35	0.135
9/11/2019	23:27	22.31	0.188
9/11/2019	23:28	22.25	0.21
9/11/2019	23:29	22.18	0.174
9/11/2019	23:30	22.12	0.205
9/11/2019	23:31	22.06	0.241
9/11/2019	23:32	22.02	0.297
9/11/2019	23:33	21.97	0.253
9/11/2019	23:34	21.93	0.267
9/11/2019	23:35	21.89	0.158
9/11/2019	23:36	21.85	0.193
9/11/2019	23:37	21.8	0.253
9/11/2019	23:38	21.74	0.243
9/11/2019	23:39	21.69	0.195
9/11/2019	23:40	21.65	0.173
9/11/2019	23:41	21.63	0.23
9/11/2019	23:42	21.6	0.15
9/11/2019	23:43	21.58	0.172
9/11/2019	23:44	21.62	0.217
9/11/2019	23:45	21.69	0.229
9/11/2019	23:46	21.75	0.168
9/11/2019	23:47	21.82	0.174
9/11/2019	23:48	21.85	0.144
9/11/2019	23:49	21.88	0.13
9/11/2019	23:50	21.87	0.162
9/11/2019	23:51	21.87	0.253
9/11/2019	23:52	21.86	0.377
9/11/2019	23:53	21.86	0.378
9/11/2019	23:54	21.9	0.492
9/11/2019	23:55	21.97	0.403
9/11/2019	23:56	22.05	0.387
9/11/2019	23:57	22.12	0.389
9/11/2019	23:58	22.19	0.364
9/11/2019	23:59	22.24	0.368

186.2	128.065931	22.6	0.516
189.9	128.565657	22.63	0.478
199.4	132.4088779	22.62	0.405
207.8	139.278727	22.59	0.372
217.1	151.7871691	22.56	0.307
233	192.385621	22.52	0.279
226.1	170.9259926	22.48	0.251
202.8	134.7576487	22.48	0.379
201.9	134.0817512	22.51	0.349
200.5	133.1085592	22.52	0.334
203.8	135.5561236	22.53	0.251
205.7	137.2158368	22.52	0.272
192.1	129.120645	22.52	0.286
187.5	128.180153	22.55	0.315
170.4	132.0507649	22.58	0.299
153.5	149.5047542	22.62	0.359
137.3	188.7697038	22.67	0.251
10.5	128.6977354	22.69	0.118
12.86	129.3579167	22.65	0.197
33.72	146.5380578	22.6	0.261
39.33	155.7664364	22.54	0.229
55.7	184.8594495	22.48	0.255
83.3	146.709616	22.45	0.325
120.2	159.5258496	22.46	0.398
119.7	158.8676643	22.45	0.347
119.2	158.226888	22.43	0.379
71.75	156.1169343	22.39	0.204
26.93	138.3940436	22.3	0.222
34.76	148.0594323	22.22	0.307
48.58	177.9032239	22.14	0.315
52.95	192.5348679	22.07	0.247
69.2	159.2604663	22	0.197
99.3	144.3509966	21.94	0.268
111.5	150.3590693	21.89	0.199
95.6	143.8875148	21.88	0.25
102.8	145.3516416	21.96	0.289
132.8	183.0684457	22.06	0.332
126.8	170.0150814	22.13	0.228
127.8	171.9308504	22.22	0.249
118.2	156.9963458	22.28	0.214
134.8	188.3560461	22.3	0.215
156.3	145.3938588	22.29	0.221
166.3	134.8352272	22.27	0.341
169.5	132.5941263	22.23	0.448
166.3	134.8352272	22.2	0.527
172.5	130.9247236	22.21	0.563
176	129.4717308	22.26	0.531
167.8	133.7233811	22.32	0.52
173.5	130.4564935	22.37	0.454
173.2	130.5924354	22.43	0.46
184.4	128.0167799	22.47	0.447

166	135.0709716	23.01	0.737
166.5	134.6805694	23.1	0.765
177	129.1505175	23.07	0.683
185.9	128.0489586	23	0.606
191.9	129.0621204	22.94	0.46
207.4	138.8665983	22.87	0.462
201.1	133.514148	22.82	0.465
182.1	128.1379589	22.84	0.599
181.7	128.180153	22.9	0.578
180.9	128.2833916	22.94	0.537
178.7	128.6977354	22.94	0.421
181.2	128.2417275	22.92	0.473
174.5	130.0310681	22.94	0.453
170	132.2876789	22.97	0.498
153	150.3016928	23.02	0.461
133.6	185.120437	23.08	0.497
123	163.5489495	23.14	0.36
357.5	129.00522	23.14	0.096
351.6	131.3833467	23.09	0.175
13.08	129.4310178	23.02	0.245
15.02	130.1625896	22.97	0.281
30.31	142.0819228	22.93	0.305
54.57	187.8857766	22.91	0.3
88	144.8253918	22.92	0.308
96.6	143.9532925	22.94	0.401
97.4	144.0375611	22.96	0.456
58.99	176.9566428	22.98	0.255
7.067	128.134758	22.9	0.257
10.08	128.6037714	22.79	0.412
24.84	136.4409954	22.67	0.479
30.03	141.7500835	22.58	0.385
43.87	165.3586578	22.49	0.312
70.31	157.8382144	22.41	0.337
86.3	145.3884291	22.36	0.279
77.92	150.1849715	22.39	0.258
86.5	145.3153153	22.46	0.29
115.3	153.7939153	22.53	0.4
111.8	150.6007104	22.58	0.295
111.5	150.3590693	22.64	0.303
103.4	145.579304	22.68	0.281
117.6	156.2898875	22.69	0.323
132	181.0963649	22.68	0.402
140.5	178.2639076	22.65	0.59
144.4	167.6049563	22.61	0.702
143.2	170.6627261	22.57	0.796
145.8	164.2624968	22.59	0.824
147.4	160.717127	22.63	0.839
145.7	164.4935779	22.67	0.735
149.4	156.6625457	22.71	0.719
147.1	161.3606366	22.76	0.69
157.6	143.6757156	22.8	0.7

170.7	131.8778474	23.47	0.826	169.4	132.6567999	23.99
169.2	132.7835393	23.59	0.972	166.8	134.4523139	24.08
173.9	130.2812262	23.6	0.832	168.7	133.1085592	24.16
179.3	128.565657	23.52	0.706	174.2	130.1542428	24.16
184.1	128.0208746	23.43	0.59	178.1	128.8442293	24.08
191.5	128.9499403	23.33	0.53	185.9	128.0489586	23.95
189.4	128.4665503	23.27	0.535	185.2	128.0230196	23.94
180.2	128.3944101	23.3	0.732	181.1	128.2552218	23.98
182.3	128.1192135	23.4	0.749	182.6	128.0940314	24.06
180.4	128.3607156	23.46	0.698	181.5	128.2036041	24.1
178	128.870052	23.48	0.571	176	129.4717308	24.11
177.9	128.8962779	23.46	0.581	178	128.870052	24.1
175	129.8341932	23.49	0.589	176.9	129.1807975	24.12
173.5	130.4564935	23.52	0.546	174.7	129.9510588	24.12
163.7	137.032099	23.55	0.534	164.2	136.5821614	24.11
146.4	162.8998881	23.63	0.553	153.4	149.6625543	24.14
142.3	173.0808789	23.69	0.466	148.2	159.0470698	24.17
79.94	148.7067984	23.66	0.189	112.5	151.183739	24.12
15.11	130.2003602	23.61	0.101	66.79	162.6519743	24.06
15.71	130.4609627	23.54	0.099	32.14	144.375432	24
18.95	132.1387535	23.47	0.125	24.71	136.3272947	23.94
30.28	142.046132	23.39	0.198	38.82	154.8173027	23.89
56.52	182.7676227	23.34	0.238	86	145.5015641	23.84
98.1	144.1344398	23.32	0.416	110	149.2234061	23.81
112.3	151.0143979	23.31	0.493	116.8	155.3841351	23.79
118.9	157.8506504	23.32	0.512	119.1	158.1007946	23.82
81.7	147.5906108	23.35	0.378	102.5	145.2440439	23.83
16.94	131.0435498	23.33	0.269	47.54	174.8691237	23.82
14.32	129.880487	23.16	0.323	20.61	133.1816399	23.75
22.87	134.8119012	23.03	0.397	23.24	135.1027466	23.64
27.98	139.4672059	22.94	0.411	32.97	145.4896754	23.54
38.88	154.9277285	22.89	0.332	53.08	192.1476105	23.47
60.88	172.9651965	22.85	0.416	74.43	153.264762	23.43
82	147.415851	22.86	0.429	94.1	143.8710782	23.42
92.6	143.9532925	22.88	0.388	101.3	144.8548646	23.44
102.9	145.3884291	22.92	0.408	110.5	149.5886665	23.49
132	181.0963649	22.98	0.489	134.2	186.7139875	23.6
131.9	180.8553063	23.06	0.387	129.9	176.2761595	23.66
129.3	174.9883145	23.11	0.402	130.1	176.7139881	23.71
124.3	165.6232794	23.13	0.363	126.3	169.0922914	23.7
130.9	178.509184	23.11	0.448	129.6	175.6274687	23.62
141.1	176.4826621	23.08	0.517	136	191.7923969	23.57
147	161.577273	23.03	0.743	138.3	185.293471	23.59
148.6	158.2364782	23.03	0.905	140.4	178.5661959	23.71
148.7	158.0363201	23.02	0.936	140.3	178.8700569	23.74
150.2	155.1495646	23.05	0.936	141.6	175.0397923	23.78
151.2	153.3405134	23.09	0.915	143.4	170.1401693	23.77
150	155.5222256	23.11	0.843	141.4	175.6124958	23.73
152.9	150.4634796	23.14	0.833	144.1	168.3521774	23.74
152	151.9563603	23.17	0.749	143.4	170.1401693	23.74
158	143.1699306	23.19	0.786	147.8	159.8738411	23.74

0.989	178.6	128.7211479	131.2785396	Yes
1.2	177	129.1505175	131.9265194	Yes
1.243	179	128.6298991	130.715816	Yes
1.184	182.4	128.1104281	130.8316027	Yes
1.013	183.6	128.0355004	133.1499788	Yes
0.964	188.1	128.2552218	143.301268	Yes
0.974	190.1	128.6080861	137.9075593	Yes
1.065	189.1	128.4118509	129.5914181	Yes
1.044	191.3	128.8962779	129.4742854	Yes
0.995	190	128.5866722	129.3085885	Yes
0.91	188.2	128.2691098	130.1729503	Yes
0.919	188.5	128.3131374	130.3074063	Yes
0.887	186.2	128.065931	129.2465269	Yes
0.814	184	128.0230196	129.7796808	Yes
0.736	176.2	129.4042052	137.0741847	Yes
0.674	171	131.7089882	155.7793244	Yes
0.659	169.1	132.8476073	163.4588419	Yes
0.427	164.4	136.4059155	138.7998817	Yes
0.314	175	129.8341932	136.6855582	Yes
0.183	166.3	134.8352272	137.1281395	Yes
0.154	161.7	138.968767	138.6727683	Yes
0.167	151.3	153.1644801	155.3938574	Yes
0.278	135.3	189.7626755	170.525451	Yes
0.553	144.4	167.6049563	153.0628087	Yes
0.668	145	166.1438025	155.0726584	Yes
0.674	143.4	170.1401693	157.6712127	Yes
0.475	138.7	183.9540825	161.9724629	Yes
0.284	113.2	151.7940443	144.8471039	Yes
0.297	77.8	150.2796092	138.000988	Yes
0.324	57	181.5820782	153.168189	Yes
0.333	61.72	171.3074384	158.1098542	Yes
0.307	96.1	143.914916	163.1218758	Yes
0.432	114.7	153.1961245	156.3230588	Yes
0.581	130.5	177.6027217	152.9274298	Yes
0.529	133.8	185.6463296	153.7053946	Yes
0.639	141.5	175.3254093	152.1938924	Yes
0.72	154.2	148.4219956	170.6189418	Yes
0.655	152	151.9563603	165.9407236	Yes
0.702	153.9	148.8813884	164.5747221	Yes
0.682	150.5	154.5974305	158.3777302	Yes
0.665	146.5	162.6767095	172.2918592	Yes
0.825	148.4	158.6397721	170.681011	Yes
1.18	147.6	160.2933984	164.0526554	Yes
1.361	148.1	159.2522329	159.2507979	Yes
1.442	148.5	158.4376272	160.1683915	Yes
1.393	150.3	154.96461	156.0682374	Yes
1.329	150	155.5222256	153.8383532	Yes
1.282	148.6	158.2364782	157.5176317	Yes
1.228	151.8	152.2972712	151.6463935	Yes
1.144	150.4	154.7805667	153.7660337	Yes
1.198	154.9	147.3766469	144.4225828	Yes

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9/12/2019	00:01	22.36	0.403
9/12/2019	00:02	22.42	0.327
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9/12/2019	00:04	22.53	0.342
9/12/2019	00:05	22.55	0.312
9/12/2019	00:06	22.55	0.247
9/12/2019	00:07	22.55	0.323
9/12/2019	00:08	22.55	0.367
9/12/2019	00:09	22.54	0.354
9/12/2019	00:10	22.52	0.359
9/12/2019	00:11	22.5	0.273
9/12/2019	00:12	22.48	0.288
9/12/2019	00:13	22.46	0.285
9/12/2019	00:14	22.43	0.313
9/12/2019	00:15	22.4	0.289
9/12/2019	00:16	22.38	0.399
9/12/2019	00:17	22.38	0.329
9/12/2019	00:18	22.38	0.394
9/12/2019	00:19	22.38	0.382
9/12/2019	00:20	22.38	0.353
9/12/2019	00:21	22.38	0.293
9/12/2019	00:22	22.38	0.307
9/12/2019	00:23	22.36	0.321
9/12/2019	00:24	22.36	0.379
9/12/2019	00:25	22.35	0.367
9/12/2019	00:26	22.35	0.342
9/12/2019	00:27	22.36	0.319
9/12/2019	00:28	22.35	0.323
9/12/2019	00:29	22.34	0.292
9/12/2019	00:30	22.33	0.248
9/12/2019	00:31	22.3	0.214
9/12/2019	00:32	22.27	0.241
9/12/2019	00:33	22.23	0.202
9/12/2019	00:34	22.2	0.216
9/12/2019	00:35	22.16	0.203
9/12/2019	00:36	22.12	0.288
9/12/2019	00:37	22.1	0.384
9/12/2019	00:38	22.09	0.37
9/12/2019	00:39	22.09	0.398
9/12/2019	00:40	22.12	0.323
9/12/2019	00:41	22.16	0.204
9/12/2019	00:42	22.18	0.113
9/12/2019	00:43	22.19	0.113
9/12/2019	00:44	22.21	0.258
9/12/2019	00:45	22.23	0.32
9/12/2019	00:46	22.23	0.347
9/12/2019	00:47	22.22	0.28
9/12/2019	00:48	22.22	0.207
9/12/2019	00:49	22.2	0.203
9/12/2019	00:50	22.17	0.141

175.7	129.5761138	22.52	0.514
187.3	128.1582717	22.57	0.49
192	129.0911795	22.63	0.426
189.2	128.4296876	22.69	0.386
185.2	128.0230196	22.75	0.451
185.3	128.0255546	22.79	0.446
177.9	128.8962779	22.79	0.382
171.7	131.3306282	22.79	0.446
172.7	130.8276183	22.81	0.506
166.7	134.5279034	22.81	0.469
174.9	129.8727295	22.8	0.492
182.4	128.1104281	22.78	0.413
182	128.1479193	22.74	0.397
180.4	128.3607156	22.71	0.395
183.7	128.031795	22.67	0.433
185.8	128.0440822	22.64	0.438
186.9	128.1192135	22.6	0.48
180.4	128.3607156	22.6	0.481
183.9	128.0255546	22.58	0.476
179.7	128.4855767	22.57	0.468
177.3	129.0621204	22.57	0.434
182.4	128.1104281	22.58	0.419
193.2	129.4717308	22.57	0.38
184	128.0230196	22.55	0.459
189.7	128.5248214	22.54	0.489
196.7	130.9247236	22.54	0.447
190.6	128.7211479	22.54	0.413
186.2	128.065931	22.54	0.445
190.4	128.6747234	22.53	0.409
185.2	128.0230196	22.52	0.372
182.1	128.1379589	22.51	0.359
186.1	128.0598829	22.48	0.307
189.1	128.4118509	22.45	0.339
182.1	128.1379589	22.4	0.284
190.8	128.7691755	22.36	0.298
180.4	128.3607156	22.32	0.286
177.8	128.9229071	22.28	0.384
177.6	128.9773778	22.25	0.477
183.2	128.0542255	22.24	0.504
183.6	128.0355004	22.24	0.469
183.5	128.0395961	22.27	0.392
192.3	129.1807975	22.31	0.228
196	130.5924354	22.34	0.142
218.6	154.4151969	22.36	0.151
179.5	128.5248214	22.39	0.34
176.6	129.2740865	22.43	0.431
171.9	131.2265166	22.45	0.461
182.1	128.1379589	22.44	0.39
198.2	131.7089882	22.44	0.293
221.7	160.5047386	22.41	0.281
245.9	164.0155381	22.37	0.181

153.2	149.9805289	22.84	0.806
158.1	143.0451277	22.9	0.668
170.2	132.1683105	22.96	0.605
169	132.9121422	23.03	0.652
162.7	137.9726212	23.11	0.701
162.6	138.0697036	23.17	0.712
155.3	146.7956779	23.19	0.656
148.3	158.8429179	23.22	0.721
148.2	159.0470698	23.29	0.796
146.4	162.8998881	23.3	0.785
151.5	152.8150171	23.29	0.78
157.1	144.3229273	23.24	0.685
158.4	142.6746234	23.18	0.659
155.4	146.6522652	23.12	0.646
158.9	142.0699862	23.06	0.731
161.6	139.0715101	23.02	0.722
162.7	137.9726212	22.97	0.774
160.9	139.8069561	22.95	0.744
159.5	141.3652945	22.92	0.74
155.4	146.6522652	22.91	0.702
153.6	149.347741	22.9	0.707
160.7	140.0223639	22.91	0.662
167.4	134.0091067	22.9	0.585
163.4	137.3085186	22.87	0.741
165.7	135.3112579	22.88	0.795
169.1	132.8476073	22.87	0.684
165.9	135.1505606	22.86	0.672
165.5	135.4739906	22.86	0.673
166.1	134.9918873	22.85	0.639
162.7	137.9726212	22.85	0.603
157.6	143.6757156	22.83	0.573
160.6	140.1309578	22.79	0.525
164.7	136.145503	22.76	0.582
158.6	142.43085	22.7	0.501
165.8	135.2306555	22.65	0.516
157.4	143.9325875	22.6	0.461
156.9	144.586539	22.56	0.605
154.2	148.4219956	22.53	0.774
154.6	147.8201441	22.53	0.785
157.7	143.5482783	22.52	0.769
164.9	135.9745142	22.55	0.694
164.9	135.9745142	22.59	0.427
169.1	132.8476073	22.61	0.301
186.6	128.0940314	22.64	0.283
156.4	145.2575724	22.68	0.486
151.7	152.4689987	22.74	0.679
148	159.4584123	22.77	0.755
157.5	143.8038178	22.79	0.654
168.8	133.042617	22.77	0.489
193.5	129.5761138	22.73	0.441
214.3	147.3766469	22.67	0.327

155.7	146.2263702	23.23	0.861	148.3	158.8429179	23.78
159.6	141.2500277	23.3	0.842	152.4	151.2846063	23.86
168.1	133.514148	23.36	0.711	160.7	140.0223639	23.91
168.1	133.514148	23.45	0.733	163.2	137.4955162	24
163.6	137.1236975	23.56	0.836	158.7	142.3099249	24.11
163.4	137.3085186	23.65	0.886	157.5	143.8038178	24.19
158.3	142.7974765	23.71	0.817	152.1	151.7871691	24.25
152.3	151.4512959	23.79	0.909	148.6	158.2364782	24.33
152.1	151.7871691	23.88	0.967	148.6	158.2364782	24.37
149.8	155.8985853	23.91	0.96	144.3	167.8527808	24.38
154.1	148.5743588	23.91	0.948	148.1	159.2522329	24.39
160	140.7951122	23.84	0.836	152.4	151.2846063	24.34
161.1	139.5939084	23.75	0.778	152.9	150.4634796	24.3
159.9	140.9079226	23.67	0.813	153.8	149.0360615	24.26
162	138.6639767	23.61	0.873	154.4	148.1195561	24.22
162.9	137.780123	23.56	0.861	155.7	146.2263702	24.17
163.4	137.3085186	23.51	0.88	156.9	144.586539	24.14
163.3	137.4017445	23.46	0.887	156	145.8069274	24.11
161.3	139.3832047	23.41	0.901	154.2	148.4219956	24.06
158.2	142.9209771	23.38	0.846	152	151.9563603	24.03
158.5	142.5524154	23.36	0.824	151.7	152.4689987	24.02
162	138.6639767	23.39	0.807	155.4	146.6522652	24.02
166.7	134.5279034	23.38	0.76	158.9	142.0699862	23.97
164.5	136.3185854	23.34	0.85	158.7	142.3099249	23.95
166.4	134.7576487	23.35	0.905	160.4	140.3499361	23.97
168.4	133.3092177	23.33	0.811	161.3	139.3832047	23.96
165.7	135.3112579	23.3	0.755	160.4	140.3499361	23.89
167	134.3026158	23.29	0.79	160.1	140.6829105	23.85
167.2	134.1548834	23.28	0.749	161.4	139.278727	23.83
166.5	134.6805694	23.27	0.75	160.5	140.2401479	23.81
162.1	138.5635199	23.26	0.694	155.6	146.3676144	23.8
162.7	137.9726212	23.23	0.692	156.9	144.586539	23.77
164.1	136.6710803	23.2	0.674	154.8	147.5237341	23.75
159.9	140.9079226	23.13	0.653	151.9	152.1263931	23.73
163.9	136.8505178	23.09	0.643	154.1	148.5743588	23.72
158	143.1699306	23.03	0.631	150.8	154.0534207	23.64
158.3	142.7974765	22.97	0.743	150	155.5222256	23.58
157.5	143.8038178	22.95	0.881	149.6	156.2786798	23.57
158.2	142.9209771	22.93	0.885	150.1	155.335435	23.53
157.5	143.8038178	22.91	0.804	150.5	154.5974305	23.44
164.3	136.4937737	22.91	0.618	156.5	145.1219829	23.38
167.1	134.2285045	22.93	0.483	158.7	142.3099249	23.35
167.3	134.0817512	22.95	0.353	161.1	139.5939084	23.37
176.5	129.3060009	22.98	0.325	170.6	131.9350344	23.38
158.8	142.1896378	23.01	0.54	152.8	150.6260744	23.42
157.2	144.1921397	23.1	0.746	149.7	156.0881634	23.51
153.5	149.5047542	23.17	0.906	146	163.8037704	23.6
159.8	141.0213439	23.23	0.778	152.5	151.1187431	23.7
167.1	134.2285045	23.2	0.618	157.8	143.4215034	23.67
182.7	128.0864199	23.14	0.521	174.8	129.9116845	23.6
192.7	129.3060009	23.06	0.394	183.5	128.0395961	23.51

1.3	157.1	144.3229273	145.7897716	Yes
1.151	161	139.7001382	140.6876343	Yes
1.043	167.4	134.0091067	133.7610217	Yes
1.101	169.5	132.5941263	132.9891241	Yes
1.09	166.6	134.6039881	136.0066503	Yes
1.093	166.4	134.7576487	136.3930487	Yes
1.097	162.4	138.2655439	141.7084291	Yes
1.155	160.4	140.3499361	148.0422513	Yes
1.203	158.8	142.1896378	148.4175946	Yes
1.258	155.9	145.9460296	153.4250375	Yes
1.274	159.3	141.5976893	146.4224055	Yes
1.224	161.4	139.278727	140.7583602	Yes
1.179	162.4	138.2655439	139.8290949	Yes
1.215	162.3	138.3643054	140.6642541	Yes
1.238	163	137.6847037	138.9140035	Yes
1.272	164	136.7605319	137.5765235	Yes
1.321	165.6	135.3923691	136.6758523	Yes
1.276	165.3	135.6387698	137.4030227	Yes
1.261	163.8	136.9410396	138.8274178	Yes
1.252	162.1	138.5635199	141.7157399	Yes
1.223	161.7	138.968767	142.4800085	Yes
1.147	164.4	136.4059155	137.9709899	Yes
1.12	167.6	133.8652759	134.7888006	Yes
1.257	166.5	134.6805694	135.7281236	Yes
1.313	168.4	133.3092177	134.4505764	Yes
1.206	168.8	133.042617	133.9014741	Yes
1.148	168.6	133.1749726	134.541575	Yes
1.114	169.3	132.7199372	134.249077	Yes
1.09	169.8	132.4088779	133.9018198	Yes
1.061	170.5	131.9926732	134.5818063	Yes
1.007	167	134.3026158	138.2094849	Yes
1.015	167.6	133.8652759	136.9230554	Yes
1.045	165	135.8898012	136.9283939	Yes
1.079	163.3	137.4017445	140.2009738	Yes
1.048	163.8	136.9410396	137.2731495	Yes
1.056	161.9	138.7650022	141.6563313	Yes
1.159	161.5	139.1748294	142.2007955	Yes
1.314	160.4	140.3499361	143.5663614	Yes
1.273	159.2	141.7148217	143.1691207	Yes
1.168	159.6	141.2500277	142.2470109	Yes
1.058	163.9	136.8505178	136.496077	Yes
0.741	164	136.7605319	135.6908546	Yes
0.617	168.6	133.1749726	134.058135	Yes
0.591	171.3	131.5441627	135.0588853	Yes
0.769	162.7	137.9726212	140.9141454	Yes
1.018	160.2	140.5713153	144.5189407	Yes
1.223	156.9	144.586539	149.7159985	Yes
1.148	161	139.7001382	140.7564004	Yes
0.969	165.6	135.3923691	135.5587965	Yes
0.864	176.5	129.3060009	135.4769915	Yes
0.728	180.4	128.3607156	139.4196995	Yes

9/12/2019	00:51	22.14	0.112
9/12/2019	00:52	22.09	0.128
9/12/2019	00:53	22.04	0.136
9/12/2019	00:54	22	0.152
9/12/2019	00:55	21.95	0.178
9/12/2019	00:56	21.91	0.144
9/12/2019	00:57	21.87	0.131
9/12/2019	00:58	21.82	0.135
9/12/2019	00:59	21.78	0.112
9/12/2019	01:00	21.73	0.083
9/12/2019	01:01	21.69	0.094
9/12/2019	01:02	21.65	0.073
9/12/2019	01:03	21.61	0.049
9/12/2019	01:04	21.58	0.051
9/12/2019	01:05	21.54	0.037
9/12/2019	01:06	21.5	0.058
9/12/2019	01:07	21.47	0.092
9/12/2019	01:08	21.46	0.111
9/12/2019	01:09	21.45	0.128
9/12/2019	01:10	21.42	0.143
9/12/2019	01:11	21.38	0.135
9/12/2019	01:12	21.34	0.141
9/12/2019	01:13	21.3	0.111
9/12/2019	01:14	21.28	0.158
9/12/2019	01:15	21.28	0.168
9/12/2019	01:16	21.29	0.148
9/12/2019	01:17	21.29	0.12
9/12/2019	01:18	21.29	0.122
9/12/2019	01:19	21.28	0.111
9/12/2019	01:20	21.28	0.075
9/12/2019	01:21	21.24	0.144
9/12/2019	01:22	21.21	0.158
9/12/2019	01:23	21.17	0.136
9/12/2019	01:24	21.14	0.173
9/12/2019	01:25	21.09	0.225
9/12/2019	01:26	21.06	0.237
9/12/2019	01:27	21.02	0.143
9/12/2019	01:28	21.01	0.123
9/12/2019	01:29	21.03	0.16
9/12/2019	01:30	21.07	0.168
9/12/2019	01:31	21.08	0.233
9/12/2019	01:32	21.06	0.159
9/12/2019	01:33	21.03	0.199
9/12/2019	01:34	20.99	0.178
9/12/2019	01:35	20.95	0.139
9/12/2019	01:36	20.92	0.174
9/12/2019	01:37	20.89	0.202
9/12/2019	01:38	20.85	0.162
9/12/2019	01:39	20.82	0.185
9/12/2019	01:40	20.81	0.229
9/12/2019	01:41	20.82	0.28

264.4	146.17582	22.33	0.137
288.7	148.3346233	22.28	0.158
287.4	147.531862	22.24	0.176
266.9	145.1746105	22.19	0.195
220.5	158.0363201	22.15	0.24
225.3	168.856618	22.12	0.213
227.8	175.6124958	22.07	0.185
230.8	184.9559525	22.03	0.194
234.4	188.3560461	21.98	0.152
248	160.8957315	21.92	0.124
253.8	153.8956445	21.87	0.116
263	146.8652868	21.83	0.099
273.9	143.8763375	21.79	0.077
321.3	175.9010607	21.76	0.053
358.5	128.7449612	21.72	0.03
149.1	157.2454979	21.69	0.065
159.7	141.1353782	21.67	0.126
131.6	180.1392477	21.67	0.139
81.1	147.9535689	21.68	0.118
48.5	177.6640101	21.68	0.156
44.25	166.2638968	21.64	0.17
44.58	167.0640965	21.6	0.174
55.23	186.0974807	21.56	0.138
66.83	162.5921412	21.54	0.157
73.67	154.028796	21.54	0.177
80.5	148.3346233	21.55	0.159
103.1	145.4633897	21.57	0.15
144.5	167.3583715	21.58	0.16
142.3	173.0808789	21.59	0.129
60.04	174.693267	21.6	0.069
353.2	130.5924354	21.57	0.122
1.333	128.2243896	21.54	0.151
356	129.4717308	21.51	0.128
13.5	129.5761138	21.47	0.152
25.51	137.0412346	21.44	0.226
25.25	136.805458	21.41	0.215
46.79	172.7793623	21.38	0.164
91.1	144.1344398	21.38	0.149
68.44	160.2840783	21.43	0.169
69.15	159.3265474	21.52	0.203
57.41	180.5915164	21.59	0.265
53.41	191.1759354	21.58	0.201
43.59	164.702537	21.54	0.226
25.93	137.4298186	21.46	0.226
35.33	148.927709	21.38	0.177
52.1	189.4876488	21.31	0.21
42.42	162.0576687	21.24	0.246
19.81	132.6630927	21.17	0.203
21.3	133.6531567	21.11	0.219
83	146.8652868	21.07	0.24
115.9	154.4133891	21.08	0.295

230.7	184.6202228	22.61	0.241
254.5	153.1961245	22.55	0.214
256.5	151.3553066	22.5	0.236
238.1	178.969176	22.45	0.316
198.7	131.9926732	22.41	0.411
205.3	136.8505178	22.37	0.361
204.3	135.9745142	22.32	0.335
200.9	133.3770516	22.28	0.364
205.6	137.1236975	22.23	0.269
207.1	138.5635199	22.16	0.252
216.4	150.6260744	22.11	0.204
223	163.3495837	22.07	0.222
214.6	147.8201441	22.03	0.208
222.8	162.8998881	22	0.149
208.8	140.3499361	21.97	0.117
135	188.9144624	21.95	0.157
142.9	171.4565408	21.94	0.226
122.9	163.3950032	21.96	0.226
73.71	153.9877173	21.97	0.139
32.34	144.6395886	21.97	0.145
19.68	132.5816472	21.95	0.195
20.28	132.964107	21.94	0.204
25.86	137.3643887	21.93	0.161
44.8	167.6049563	21.91	0.167
53.63	190.537091	21.9	0.183
63.05	168.8199043	21.89	0.167
98.8	144.2529947	21.91	0.198
126.1	168.7295603	21.92	0.24
128.7	173.7380647	21.95	0.279
109.3	148.733998	21.98	0.137
332.8	150.6260744	21.96	0.055
335.6	146.3676144	21.93	0.059
321.6	175.0397923	21.89	0.061
339.7	141.1353782	21.85	0.09
346	135.0709716	21.82	0.206
352.2	131.0736496	21.81	0.156
11.44	128.9336719	21.8	0.129
70.03	158.1889883	21.81	0.145
56.45	182.942885	21.84	0.175
50.04	182.4484328	21.91	0.246
39.8	156.6625457	21.99	0.36
32.65	145.0544487	22.01	0.278
18.53	131.8949561	21.95	0.268
4.213	128.0189202	21.86	0.307
10.93	128.8012546	21.76	0.265
21.74	133.9657536	21.67	0.263
12.17	129.141513	21.59	0.279
357	129.1505175	21.52	0.254
357.4	129.0334674	21.45	0.276
47.41	174.5011364	21.4	0.277
82.9	146.9181461	21.4	0.325

204.7	136.3185854	22.98	0.32	190.6	128.7211479	23.45
228.2	176.7757169	22.9	0.211	219.3	155.7099409	23.34
236.6	182.5680669	22.82	0.238	219.9	156.8559046	23.23
215.9	149.8211447	22.75	0.304	210	141.7148217	23.13
188.4	128.2980674	22.69	0.432	181.6	128.1916822	23.09
193.9	129.7210908	22.66	0.372	183	128.065931	23.11
189.7	128.5248214	22.6	0.367	178.9	128.6521114	23.06
185.1	128.0208746	22.56	0.45	174.6	129.9908531	23.03
188.4	128.2980674	22.52	0.411	170.3	132.1093104	22.99
190.3	128.6521114	22.45	0.341	175.1	129.7960751	22.92
194.9	130.1127622	22.39	0.268	182.5	128.1020341	22.85
191.2	128.870052	22.36	0.27	180.2	128.3944101	22.83
188.8	128.3607156	22.33	0.246	175.4	129.6842235	22.82
184.8	128.0167799	22.32	0.233	172.3	131.0235708	22.82
177.5	129.00522	22.3	0.231	166.1	134.9918873	22.8
153.1	150.1407104	22.29	0.254	151.6	152.6415793	22.79
150.7	154.2338617	22.31	0.325	147.8	159.8738411	22.83
142.1	173.6334397	22.35	0.329	144.8	166.6259865	22.89
112	150.7645356	22.38	0.215	135.7	190.9137326	22.93
47.5	174.7556358	22.38	0.126	105.1	146.3156694	22.94
31.2	143.1699306	22.36	0.114	71.17	156.7937882	22.91
30.82	142.6991424	22.33	0.125	60.44	173.8614288	22.86
35.11	148.5896372	22.3	0.113	70.79	157.2492019	22.81
51.26	186.5235328	22.27	0.134	88	144.8253918	22.76
70.92	157.0923272	22.25	0.183	104	145.823697	22.73
88.2	144.7678047	22.24	0.222	118.2	156.9963458	22.73
122.3	162.4877295	22.25	0.292	138.9	183.2949574	22.77
141	176.7757169	22.29	0.334	145.5	164.9592071	22.82
143.8	169.1107479	22.34	0.347	145.6	164.7258126	22.86
138	186.3168781	22.39	0.282	146.8	162.0137796	22.92
320.9	177.070287	22.38	0.136	162.8	137.8760949	22.92
323.8	169.1107479	22.35	0.048	209.8	141.481181	22.86
295	153.4923338	22.31	0.067	206.1	137.5898354	22.78
335.3	146.7956779	22.26	0.037	308.3	172.92492	22.7
347	134.3026158	22.2	0.124	342.2	138.4636301	22.65
0.667	128.3181971	22.15	0.116	349.4	132.6567999	22.59
25.86	137.3643887	22.12	0.095	38.24	153.7665642	22.55
75.89	151.8924626	22.12	0.188	108.1	147.9535689	22.54
64.83	165.7389003	22.14	0.202	79.44	149.0527394	22.54
51.41	187.0430802	22.2	0.259	61.09	172.5442738	22.58
38.43	154.1074593	22.29	0.362	45.91	170.4269219	22.62
37.13	151.8378383	22.36	0.368	40.79	158.6195126	22.68
27.18	138.6438399	22.34	0.348	30.39	142.1776441	22.7
11.82	129.0391656	22.19	0.388	4.146	128.0200189	22.61
11.44	128.9336719	22.05	0.377	359.2	128.5866722	22.48
22.06	134.1989973	21.95	0.394	7.633	128.1955731	22.39
14.58	129.9828607	21.88	0.411	8.75	128.3525391	22.37
0.009	128.4280661	21.82	0.36	358.1	128.8442293	22.36
0.659	128.3194302	21.74	0.359	355.1	129.7960751	22.32
50.09	182.6103265	21.7	0.376	41.32	159.7071766	22.3
80.5	148.3346233	21.76	0.418	80.7	148.2055809	22.32

0.644	183.1	128.0598829	144.7791318	Yes
0.375	192.9	129.3710598	152.6774931	Yes
0.368	198.3	131.7648252	154.0151931	Yes
0.46	193.3	129.506112	149.037173	Yes
0.713	178.2	128.8188092	135.0675104	Yes
0.678	177.8	128.9229071	138.4834129	Yes
0.687	174.1	130.1961465	139.7920178	Yes
0.776	171.3	131.5441627	141.5777789	Yes
0.698	172.5	130.9247236	143.362369	Yes
0.628	173.1	130.6386087	137.7092093	Yes
0.523	176.2	129.4042052	138.4281441	Yes
0.559	176.2	129.4042052	139.3767076	Yes
0.545	173.2	130.5924354	136.0667712	Yes
0.522	170.8	131.8211113	145.9324822	Yes
0.443	167.5	133.9369487	133.4057907	Yes
0.535	160.4	140.3499361	157.8584372	Yes
0.64	160.4	140.3499361	153.4099116	Yes
0.617	161	139.7001382	164.6987631	Yes
0.493	157.7	143.5482783	157.4335666	Yes
0.349	154.6	147.8201441	158.2390096	Yes
0.219	140	179.7911758	155.7200877	Yes
0.19	129.5	175.4133646	158.4004278	Yes
0.186	125.9	168.3704292	159.5342276	Yes
0.242	134.3	186.9842516	169.7060548	Yes
0.329	145.2	165.6664139	162.629665	Yes
0.414	153.5	149.5047542	153.6846864	Yes
0.538	161.2	139.4882645	154.9974672	Yes
0.592	162.1	138.5635199	163.2772752	Yes
0.605	159.3	141.5976893	164.4506387	Yes
0.594	161.6	139.0715101	162.1658866	Yes
0.438	166.9	134.3772185	146.108422	Yes
0.316	168.4	133.3092177	143.6986301	Yes
0.226	172.9	130.7322487	145.2651882	Yes
0.174	167	134.3026158	144.9469411	Yes
0.061	82	147.415851	138.4588606	Yes
0.148	131.9	180.8553063	141.9418822	Yes
0.181	125.6	167.8384137	152.1364802	Yes
0.327	129.9	176.2761595	155.6891238	Yes
0.289	113.2	151.7940443	161.9625295	Yes
0.277	95.3	143.8763375	169.0477344	Yes
0.332	73.38	154.3295256	163.2235938	Yes
0.343	67.03	162.2948196	161.7965109	Yes
0.346	63.56	167.908889	149.0655732	Yes
0.393	26.19	137.6751921	132.0366231	Yes
0.411	16.31	130.736976	133.1972567	Yes
0.381	39.32	155.7475953	148.3191136	Yes
0.328	44.27	166.3120187	143.16932	Yes
0.276	37.19	151.9394034	134.2050618	Yes
0.269	32.83	145.298385	133.2201029	Yes
0.351	71.42	156.4993556	164.0366564	Yes
0.447	117	155.6067462	150.6956971	Yes

9/12/2019	01:42	20.81	0.354
9/12/2019	01:43	20.83	0.438
9/12/2019	01:44	20.86	0.399
9/12/2019	01:45	20.91	0.326
9/12/2019	01:46	20.95	0.275
9/12/2019	01:47	21.01	0.242
9/12/2019	01:48	21.05	0.218
9/12/2019	01:49	21.09	0.251
9/12/2019	01:50	21.11	0.174
9/12/2019	01:51	21.08	0.248
9/12/2019	01:52	21.06	0.341
9/12/2019	01:53	21.03	0.358
9/12/2019	01:54	21.02	0.328
9/12/2019	01:55	21.01	0.313
9/12/2019	01:56	21.01	0.26
9/12/2019	01:57	21.01	0.231
9/12/2019	01:58	21	0.254
9/12/2019	01:59	20.99	0.235
9/12/2019	02:00	20.97	0.211
9/12/2019	02:01	20.97	0.253
9/12/2019	02:02	20.97	0.253
9/12/2019	02:03	20.98	0.178
9/12/2019	02:04	20.97	0.156
9/12/2019	02:05	20.95	0.235
9/12/2019	02:06	20.94	0.311
9/12/2019	02:07	20.92	0.242
9/12/2019	02:08	20.9	0.237
9/12/2019	02:09	20.88	0.218
9/12/2019	02:10	20.87	0.229
9/12/2019	02:11	20.85	0.274
9/12/2019	02:12	20.84	0.273
9/12/2019	02:13	20.83	0.225
9/12/2019	02:14	20.83	0.207
9/12/2019	02:15	20.82	0.225
9/12/2019	02:16	20.8	0.278
9/12/2019	02:17	20.79	0.278
9/12/2019	02:18	20.78	0.259
9/12/2019	02:19	20.77	0.247
9/12/2019	02:20	20.76	0.373
9/12/2019	02:21	20.75	0.395
9/12/2019	02:22	20.78	0.371
9/12/2019	02:23	20.86	0.45
9/12/2019	02:24	20.99	0.559
9/12/2019	02:25	21.14	0.822
9/12/2019	02:26	21.32	0.773
9/12/2019	02:27	21.52	0.646
9/12/2019	02:28	21.67	0.515
9/12/2019	02:29	21.75	0.405
9/12/2019	02:30	21.8	0.446
9/12/2019	02:31	21.83	0.414
9/12/2019	02:32	21.82	0.244

119.7	158.8676643	21.1	0.378
114.3	152.8094541	21.17	0.503
121.5	161.3209223	21.21	0.483
134.7	188.0789318	21.27	0.441
128.1	172.5243387	21.3	0.39
133.2	184.0842372	21.35	0.332
132	181.0963649	21.39	0.279
118.4	157.2370948	21.42	0.294
134.7	188.0789318	21.43	0.241
130.8	178.2808867	21.39	0.314
130.3	177.156161	21.36	0.424
128	172.3255294	21.32	0.448
131.6	180.1392477	21.28	0.414
128.4	173.1267013	21.26	0.381
128	172.3255294	21.24	0.336
136.4	192.0626612	21.22	0.311
131	178.7386118	21.2	0.322
116.9	155.4951241	21.18	0.286
126.7	169.8286827	21.15	0.263
113.8	152.3392627	21.14	0.31
94.7	143.8658191	21.16	0.319
113.8	152.3392627	21.18	0.238
135.1	189.1957803	21.17	0.224
156.5	145.1219829	21.15	0.281
167.8	133.7233811	21.14	0.367
175.7	129.5761138	21.1	0.332
168.8	133.042617	21.06	0.268
172.1	131.1241663	21.03	0.281
196.3	130.7322487	21.01	0.3
181.9	128.1582717	20.98	0.359
175.5	129.6477719	20.96	0.357
188.6	128.328602	20.96	0.299
185.9	128.0489586	20.95	0.264
179.5	128.5248214	20.93	0.279
176.2	129.4042052	20.92	0.356
157.8	143.4215034	20.91	0.368
153.6	149.347741	20.9	0.318
161.5	139.1748294	20.88	0.302
151.1	153.51742	20.86	0.409
152	151.9563603	20.85	0.411
158	143.1699306	20.88	0.469
160.7	140.0223639	20.95	0.554
163.8	136.9410396	21.08	0.765
179.9	128.4479207	21.23	0.819
164.2	136.5821614	21.4	0.893
154.4	148.1195561	21.61	0.757
159.5	141.3652945	21.77	0.58
158.2	142.9209771	21.84	0.512
164.9	135.9745142	21.88	0.504
168.2	133.4453614	21.91	0.465
169.2	132.7835393	21.9	0.297

95.6	143.8875148	21.46	0.357
95.2	143.8734887	21.57	0.549
101.3	144.8548646	21.71	0.597
113.8	152.3392627	21.79	0.631
109.3	148.733998	21.83	0.577
113.8	152.3392627	21.88	0.454
111.2	150.1223115	21.89	0.398
96.5	143.9447385	21.91	0.333
110.7	149.7384694	21.89	0.344
109.3	148.733998	21.84	0.423
110.2	149.3679312	21.82	0.563
108.9	148.4657012	21.8	0.575
109.9	149.1519294	21.77	0.518
107.1	147.3585869	21.73	0.493
105.1	146.3156694	21.68	0.417
111.5	150.3590693	21.63	0.426
108.1	147.9535689	21.58	0.41
95.4	143.8796248	21.54	0.313
103.3	145.540202	21.5	0.322
90.8	144.18259	21.49	0.339
74.15	153.542223	21.52	0.448
85.1	145.8660653	21.55	0.354
104.1	145.8660653	21.53	0.276
130.8	178.2808867	21.5	0.369
142	173.9118416	21.48	0.494
150.6	154.4151969	21.41	0.45
145.8	164.2624968	21.34	0.343
148.6	158.2364782	21.29	0.354
167.9	133.6531567	21.24	0.367
157.3	144.0620273	21.19	0.433
151	153.695204	21.18	0.468
164.3	136.4937737	21.17	0.395
159.7	141.1353782	21.15	0.359
154.7	147.6715655	21.14	0.381
151.3	153.1644801	21.13	0.456
140.8	177.3663815	21.13	0.485
135.5	190.3353042	21.12	0.444
140.1	179.4825368	21.11	0.436
133.1	183.8283932	21.09	0.552
133.4	184.5997584	21.08	0.527
137.7	187.3568179	21.1	0.58
141.6	175.0397923	21.17	0.751
141.9	174.1916691	21.3	0.881
152.1	151.7871691	21.45	1.012
146.4	162.8998881	21.64	0.991
141.6	175.0397923	21.85	0.832
137.4	188.4136263	21.99	0.655
134.2	186.7139875	22.04	0.554
138.5	184.6202228	22.07	0.694
145.3	165.4295013	22.09	0.616
150.3	154.96461	22.07	0.453

88.2	144.7678047	21.86	0.546	89.9	144.3509966	22.38
99.1	144.310461	21.99	0.807	97.3	144.0254863	22.48
109.2	148.6661534	22.2	0.78	104.2	145.9089029	22.61
114.7	153.1961245	22.31	0.796	108.4	148.1418203	22.74
117.7	156.4059988	22.4	0.693	111.7	150.5196185	22.83
118.3	157.1163888	22.43	0.557	109.3	148.733998	22.9
115.3	153.7939153	22.45	0.565	111	149.967168	22.99
102.4	145.2090977	22.5	0.498	98.8	144.2529947	23.05
108	147.8918251	22.46	0.507	100.1	144.530992	23.03
107.3	147.4736091	22.41	0.621	103.4	145.579304	22.98
109.3	148.733998	22.39	0.74	101.3	144.8548646	22.93
105.8	146.658692	22.4	0.813	96.1	143.914916	22.9
103.8	145.7403654	22.42	0.81	93.5	143.8921176	22.94
101.5	144.915171	22.39	0.787	95	143.869106	22.95
99.8	144.4601404	22.31	0.674	96.1	143.914916	22.92
103.4	145.579304	22.21	0.634	100	144.5069269	22.86
101.6	144.9460055	22.12	0.608	99.2	144.3305061	22.8
95.1	143.8710782	22.04	0.579	92.8	143.936624	22.75
98.5	144.1995259	21.97	0.569	93.2	143.9085582	22.71
90.6	144.2169051	21.97	0.627	85.7	145.6188708	22.74
81.6	147.6498563	22.01	0.614	77.18	150.7810388	22.78
85.2	145.823697	22.07	0.543	80	148.6661534	22.79
96.6	143.9532925	22.03	0.529	92.6	143.9532925	22.73
113.6	152.1552339	21.99	0.54	106.3	146.9181461	22.72
129.6	175.6274687	21.96	0.671	122.7	163.0894665	22.71
140	179.7911758	21.85	0.638	134	186.1774937	22.58
137.1	189.4876488	21.73	0.498	132.1	181.3386201	22.41
141	176.7757169	21.64	0.523	138.4	184.9559525	22.23
156.9	144.586539	21.56	0.515	150.1	155.335435	22.1
150.4	154.7805667	21.5	0.607	146.8	162.0137796	22.05
144.3	167.8527808	21.52	0.676	142.3	173.0808789	22.1
153.2	149.9805289	21.52	0.563	146.5	162.6767095	22.11
152.3	151.4512959	21.51	0.51	145.4	165.1937679	22.14
147.9	159.6656133	21.5	0.534	145.1	165.9045121	22.13
144.4	167.6049563	21.51	0.651	142.4	172.8067032	22.11
137.1	189.4876488	21.53	0.686	135.3	189.7626755	22.08
131.5	179.9029136	21.54	0.627	128.2	172.724134	22.07
135	188.9144624	21.52	0.61	128.5	173.3294827	22.04
127.8	171.9308504	21.49	0.766	125.3	167.3143222	21.97
127.5	171.3461128	21.44	0.723	124.4	165.7885774	21.88
127.3	170.9610894	21.43	0.741	124.7	166.2895033	21.82
136.7	190.9470722	21.49	0.883	133.4	184.5997584	21.83
138.7	183.9540825	21.6	1.083	133.4	184.5997584	21.92
149.9	155.7099409	21.74	1.22	143.4	170.1401693	22.04
146.9	161.7949854	21.92	1.232	140.7	177.6640101	22.18
142.2	173.356455	22.13	1.014	134.9	188.6345537	22.35
140.7	177.6640101	22.24	0.8	129.6	175.6274687	22.44
139	182.967997	22.28	0.69	128.3	172.92492	22.47
140.3	178.8700569	22.3	0.774	133.4	184.5997584	22.48
142.3	173.0808789	22.31	0.731	134.6	187.8032029	22.49
142.6	172.2625195	22.27	0.502	136.4	192.0626612	22.44

0.573	121.8	161.7528127	150.7253586	Yes
0.736	117	155.6067462	148.1251273	Yes
0.797	121.9	161.8982783	152.5298243	Yes
0.898	124	165.1323684	161.3777016	Yes
0.801	128.6	173.5332689	160.3434446	Yes
0.727	128.9	174.1507045	163.2849182	Yes
0.695	130.6	177.8276612	162.5614842	Yes
0.635	120.5	159.929249	150.1146349	Yes
0.679	117	155.6067462	157.1693929	Yes
0.754	112.3	151.0143979	154.2164392	Yes
0.874	111.7	150.5196185	154.1265147	Yes
0.905	108.3	148.0785655	151.8886808	Yes
0.923	108.5	148.2055809	153.4258482	Yes
0.922	110.7	149.7384694	151.8016069	Yes
0.898	110.4	149.5145601	151.3061631	Yes
0.902	110.1	149.2954063	156.3606735	Yes
0.865	110.3	149.4409821	153.0819349	Yes
0.805	105.6	146.5582885	146.7481479	Yes
0.784	100	144.5069269	149.5967791	Yes
0.771	98.2	144.1500472	146.1015352	Yes
0.814	93.1	143.914916	147.9507707	Yes
0.69	92.5	143.962286	147.3314929	Yes
0.595	94.8	143.8664765	153.3669814	Yes
0.746	108.7	148.3346233	154.1621746	Yes
0.907	123	163.5489495	161.9802215	Yes
0.867	129.1	174.5674412	164.9054843	Yes
0.706	129.6	175.6274687	168.7517703	Yes
0.685	138.5	184.6202228	167.1425073	Yes
0.694	148.6	158.2364782	144.5087715	Yes
0.807	143.7	169.3661605	151.6761612	Yes
0.913	142	173.9118416	159.6376954	Yes
0.764	143.9	168.856618	149.2672464	Yes
0.704	143.6	169.6228634	151.0904528	Yes
0.737	142	173.9118416	155.1356708	Yes
0.836	142.4	172.8067032	159.1574096	Yes
0.856	140	179.7911758	175.965877	Yes
0.786	136.4	192.0626612	176.8745508	Yes
0.834	136.5	191.6887683	174.5180159	Yes
1.01	131	178.7386118	171.0659195	Yes
0.953	129.1	174.5674412	169.65165	Yes
0.95	131.8	180.615438	169.6785558	Yes
1.188	138.4	184.9559525	175.1129878	Yes
1.401	140.3	178.8700569	171.7113213	Yes
1.552	149.8	155.8985853	152.396757	Yes
1.481	148.7	158.0363201	159.3954731	Yes
1.222	143.4	170.1401693	171.0581053	Yes
0.943	137.2	189.1277069	174.4396213	Yes
0.87	135	188.9144624	174.8884688	Yes
1.003	138.2	185.6327901	173.9394685	Yes
0.982	140.7	177.6640101	167.4845909	Yes
0.684	139.9	180.1014276	166.4349515	Yes

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9/12/2019	02:34	21.79	0.222
9/12/2019	02:35	21.76	0.128
9/12/2019	02:36	21.73	0.092
9/12/2019	02:37	21.7	0.129
9/12/2019	02:38	21.65	0.114
9/12/2019	02:39	21.61	0.118
9/12/2019	02:40	21.54	0.202
9/12/2019	02:41	21.43	0.268
9/12/2019	02:42	21.32	0.271
9/12/2019	02:43	21.23	0.317
9/12/2019	02:44	21.16	0.267
9/12/2019	02:45	21.09	0.181
9/12/2019	02:46	21.05	0.116
9/12/2019	02:47	21.01	0.045
9/12/2019	02:48	20.97	0.036
9/12/2019	02:49	20.93	0.053
9/12/2019	02:50	20.89	0.096
9/12/2019	02:51	20.84	0.113
9/12/2019	02:52	20.8	0.15
9/12/2019	02:53	20.74	0.238
9/12/2019	02:54	20.68	0.246
9/12/2019	02:55	20.64	0.223
9/12/2019	02:56	20.6	0.242
9/12/2019	02:57	20.56	0.166
9/12/2019	02:58	20.53	0.058
9/12/2019	02:59	20.51	0.121
9/12/2019	03:00	20.48	0.122
9/12/2019	03:01	20.44	0.154
9/12/2019	03:02	20.41	0.126
9/12/2019	03:03	20.39	0.136
9/12/2019	03:04	20.37	0.178
9/12/2019	03:05	20.35	0.222
9/12/2019	03:06	20.33	0.168
9/12/2019	03:07	20.31	0.073
9/12/2019	03:08	20.29	0.06
9/12/2019	03:09	20.27	0.092
9/12/2019	03:10	20.24	0.174
9/12/2019	03:11	20.23	0.248
9/12/2019	03:12	20.21	0.35
9/12/2019	03:13	20.19	0.29
9/12/2019	03:14	20.15	0.281
9/12/2019	03:15	20.12	0.357
9/12/2019	03:16	20.09	0.278
9/12/2019	03:17	20.08	0.254
9/12/2019	03:18	20.07	0.261
9/12/2019	03:19	20.08	0.227
9/12/2019	03:20	20.09	0.197
9/12/2019	03:21	20.08	0.151
9/12/2019	03:22	20.08	0.141
9/12/2019	03:23	20.07	0.134

172.2	131.0736496	21.88	0.302
154.5	147.9694733	21.85	0.24
162.8	137.8760949	21.83	0.194
107.6	147.6498563	21.8	0.133
136.4	192.0626612	21.76	0.159
184.8	128.0167799	21.73	0.136
350	132.2876789	21.69	0.095
347.2	134.1548834	21.64	0.203
341.3	139.3832047	21.53	0.317
354	130.2384741	21.41	0.339
3.168	128.0559934	21.32	0.371
3.412	128.0435232	21.24	0.287
11.33	128.9042243	21.16	0.233
21.75	133.972967	21.11	0.131
134.2	186.7139875	21.07	0.033
0	128.4296876	21.03	0.029
198.8	132.0507649	20.98	0.04
250.3	157.8506504	20.94	0.08
251.8	156.0596058	20.89	0.095
238.9	177.156161	20.85	0.139
229.6	181.0419634	20.79	0.238
196.8	130.9739291	20.75	0.277
170.1	132.2277664	20.71	0.258
169.4	132.6567999	20.68	0.283
178.7	128.6977354	20.67	0.208
311.8	192.5757179	20.64	0.056
321.9	174.1916691	20.61	0.072
235.5	185.382728	20.58	0.114
209.2	140.7951122	20.55	0.172
239.3	176.2761595	20.52	0.129
268.6	144.6580519	20.49	0.097
317	189.8495428	20.47	0.131
314.4	192.5757179	20.46	0.195
307.7	171.7349716	20.43	0.154
302.4	162.6370044	20.4	0.096
2.936	128.0700068	20.38	0.057
33.2	145.8069274	20.35	0.079
44	165.6664139	20.33	0.157
81.8	147.531862	20.3	0.195
107.1	147.3585869	20.31	0.281
119.3	158.3536654	20.32	0.33
138.1	185.9739218	20.29	0.377
133	183.5738179	20.25	0.431
139.9	180.1014276	20.2	0.36
127.4	171.1531239	20.18	0.304
125.9	168.3704292	20.18	0.305
116	154.5187706	20.2	0.242
121.3	161.0367221	20.23	0.204
134	186.1774937	20.23	0.166
142	173.9118416	20.22	0.168
142.5	172.5339195	20.22	0.168

143.6	169.6228634	22.04	0.381
138	186.3168781	22.01	0.313
137	189.8495428	21.97	0.246
90.8	144.18259	21.95	0.171
111.9	150.682349	21.92	0.223
151.8	152.2972712	21.88	0.246
320.1	179.4825368	21.85	0.077
320.4	178.5661959	21.81	0.245
322.4	172.8067032	21.7	0.444
327.9	159.6656133	21.62	0.452
336.2	145.5308449	21.5	0.473
334.2	148.4219956	21.39	0.398
343.9	136.8505178	21.29	0.253
354.2	130.1542428	21.22	0.181
9.39	128.4646695	21.17	0.059
30.5	142.3099249	21.13	0.053
182.9	128.0723698	21.09	0.037
225.8	170.1401693	21.05	0.084
223.1	163.5761126	21	0.095
208.3	139.8069561	20.96	0.142
199.3	132.3480491	20.91	0.269
175.5	129.6477719	20.88	0.299
157.8	143.4215034	20.86	0.293
156.8	144.7193684	20.85	0.284
160.6	140.1309578	20.86	0.265
172.3	131.0235708	20.85	0.129
296	154.5187706	20.82	0.078
197.5	131.3306282	20.79	0.167
181	128.2691098	20.74	0.206
198	131.5986579	20.72	0.18
231.9	188.7697038	20.69	0.148
289.5	148.8712346	20.68	0.167
295.8	154.3086209	20.68	0.26
297.4	156.0596058	20.67	0.269
292	150.7645356	20.65	0.192
315	192.5757179	20.61	0.133
351.9	131.2265166	20.6	0.131
4.37	128.0170314	20.58	0.18
39.06	155.2609767	20.56	0.185
74.88	152.8285645	20.56	0.222
92.6	143.9532925	20.57	0.324
114.8	153.294267	20.55	0.453
115.5	153.9979779	20.52	0.57
120.7	160.201762	20.45	0.494
111.4	150.2796092	20.42	0.43
107.8	147.7698413	20.45	0.406
100.1	144.530992	20.51	0.333
107.2	147.415851	20.53	0.291
116.8	155.3841351	20.52	0.259
129.7	175.8426324	20.52	0.281
126.3	169.0922914	20.52	0.276

143.1	170.9259926	22.23	0.527	133.4	184.5997584	22.4
139.9	180.1014276	22.19	0.436	131.9	180.8553063	22.37
137.6	187.7071962	22.16	0.36	132.1	181.3386201	22.33
102.8	145.3516416	22.14	0.266	98.4	144.18259	22.32
110.5	149.5886665	22.11	0.32	115.7	154.2044642	22.29
144.3	167.8527808	22.08	0.3	137.6	187.7071962	22.28
294.8	153.294267	22.06	0.11	121.5	161.3209223	22.26
308.8	173.943875	22.02	0.211	302.8	163.2418433	22.23
319.1	182.6427564	21.95	0.47	316.5	191.6887683	22.16
323.8	169.1107479	21.91	0.548	320.7	177.6640101	22.1
331.1	153.51742	21.85	0.608	324.4	167.6049563	22.07
330.3	154.96461	21.7	0.528	323.3	170.4007875	22.03
340	140.7951122	21.55	0.395	328.2	159.0470698	21.8
347.6	133.8652759	21.45	0.251	336.4	145.2575724	21.75
6.576	128.092169	21.39	0.128	345	135.8898012	21.74
15.04	130.1709534	21.35	0.12	354.3	130.1127622	21.72
257.4	150.6007104	21.31	0.07	321.2	176.1911131	21.69
249.2	159.2604663	21.26	0.11	281.3	144.8548646	21.65
248	160.8957315	21.22	0.114	276	143.9085582	21.6
212.7	145.1219829	21.18	0.123	255	152.7142528	21.56
203.2	135.0709716	21.12	0.259	202.7	134.6805694	21.49
180.3	128.3773651	21.08	0.283	180.4	128.3607156	21.4
167.9	133.6531567	21.05	0.289	169.3	132.7199372	21.34
162.2	138.4636301	21.04	0.26	159.6	141.2500277	21.29
166	135.0709716	21.03	0.261	165.6	135.3923691	21.26
182.2	128.1283904	21.02	0.128	185.7	128.0395961	21.23
229.6	181.0419634	21.01	0.113	225.2	168.6037636	21.2
190.9	128.7937914	20.99	0.223	198.7	131.9926732	21.17
178.6	128.7211479	20.97	0.268	189.2	128.4296876	21.16
194.3	129.8727295	20.96	0.227	200.2	132.9121422	21.15
218.1	153.51742	20.95	0.191	223.2	163.8037704	21.14
267.5	144.9772949	20.94	0.166	256.7	151.183739	21.13
279.7	144.4374183	20.95	0.222	272.6	143.9532925	21.14
291	149.967168	20.95	0.292	277.1	144.0026586	21.15
291.4	150.2796092	20.95	0.236	278	144.1192747	21.16
304.8	166.4581678	20.93	0.203	288.6	148.2698482	21.15
324.3	167.8527808	20.92	0.185	304.5	165.9547117	21.14
348.7	133.1085592	20.91	0.223	320.3	178.8700569	21.14
25.3	136.8505178	20.9	0.204	352.9	130.7322487	21.15
62.03	170.7128642	20.9	0.212	39.44	155.9743042	21.15
80.2	148.5320061	20.9	0.266	65.53	164.6009122	21.16
103.7	145.6994008	20.89	0.476	91.7	144.0500767	21.15
110.1	149.2954063	20.85	0.61	101.5	144.915171	21.12
112.3	151.0143979	20.82	0.655	105.5	146.5088075	21.09
106.7	147.1344513	20.8	0.593	101.5	144.915171	21.08
108.1	147.9535689	20.83	0.477	105.1	146.3156694	21.11
103.3	145.540202	20.88	0.406	102	145.0738969	21.17
108.8	148.3999072	20.92	0.39	105.6	146.5582885	21.21
112.1	150.8472717	20.94	0.374	110.2	149.3679312	21.24
120.8	160.3391006	20.94	0.369	115.5	153.9979779	21.27
119.2	158.226888	20.95	0.378	115.4	153.8956445	21.3

0.672	140.2	179.1755005	167.0795529	Yes
0.559	135.3	189.7626755	177.0011521	Yes
0.411	134.2	186.7139875	176.6970883	Yes
0.339	109.6	148.9406289	146.0614613	Yes
0.406	121	160.6159553	161.4308192	Yes
0.437	138.6	184.28627	164.0320596	Yes
0.164	128	172.3255294	159.7421869	Yes
0.079	270.6	144.2169051	158.8247405	Yes
0.341	314.1	192.5757179	175.8194301	Yes
0.433	325.1	165.9045121	160.5166715	Yes
0.653	335	147.2303008	148.3879031	Yes
0.726	333.7	149.1915112	150.2044855	Yes
0.583	337.9	143.2953883	141.7784625	Yes
0.327	351.7	131.3306282	134.9161373	Yes
0.184	10.1	128.6080861	141.5537427	Yes
0.103	33.06	145.6133736	135.3273404	Yes
0.115	4.27	128.0181234	142.9866163	Yes
0.179	322.5	172.5339195	160.928014	Yes
0.222	320.4	178.5661959	160.6012408	Yes
0.168	304.6	166.1216858	156.1842077	Yes
0.186	215.9	149.8211447	146.5925396	Yes
0.255	186.7	128.1020341	129.0923632	Yes
0.228	174	130.2384741	134.4521676	Yes
0.209	162.2	138.4636301	139.1106912	Yes
0.229	172.1	131.1241663	134.0832401	Yes
0.085	201.5	133.7940871	142.7122725	Yes
0.092	265.9	145.540202	164.7792737	Yes
0.163	206.6	138.0697036	143.1139049	Yes
0.217	186	128.0542255	130.8538566	Yes
0.167	201.9	134.0817512	140.9482881	Yes
0.139	237.4	180.615438	166.2728768	Yes
0.168	287.7	147.7095994	156.5182822	Yes
0.262	287.2	147.415851	156.5381801	Yes
0.283	289.4	148.802358	154.1133524	Yes
0.234	287.3	147.4736091	151.0548066	Yes
0.18	289.2	148.6661534	156.8079788	Yes
0.166	309	174.3585583	157.039899	Yes
0.278	330.3	154.96461	152.1253343	Yes
0.286	0.671	128.3175816	139.7386373	Yes
0.264	36.68	151.0856693	155.5919978	Yes
0.272	52.03	189.2354853	160.9350723	Yes
0.328	89.5	144.4374183	154.6910169	Yes
0.436	110.5	149.5886665	156.2742079	Yes
0.556	118.4	157.2370948	159.012698	Yes
0.506	114.7	153.1961245	153.335696	Yes
0.421	110.9	149.8904009	152.059982	Yes
0.341	108.8	148.3999072	147.6127538	Yes
0.363	116.5	155.0549457	151.6931429	Yes
0.351	120.1	159.3928048	160.2339273	Yes
0.378	124.8	166.4581678	166.1099441	Yes
0.392	125.2	167.1413681	164.1780223	Yes

9/12/2019	03:24	20.07	0.144
9/12/2019	03:25	20.07	0.19
9/12/2019	03:26	20.06	0.148
9/12/2019	03:27	20.06	0.107
9/12/2019	03:28	20.05	0.179
9/12/2019	03:29	20.05	0.179
9/12/2019	03:30	20.04	0.152
9/12/2019	03:31	20.03	0.199
9/12/2019	03:32	20.02	0.235
9/12/2019	03:33	20.02	0.19
9/12/2019	03:34	20.02	0.14
9/12/2019	03:35	20.02	0.163
9/12/2019	03:36	20.02	0.201
9/12/2019	03:37	20.03	0.276
9/12/2019	03:38	20.04	0.234
9/12/2019	03:39	20.04	0.169
9/12/2019	03:40	20.04	0.235
9/12/2019	03:41	20.03	0.24
9/12/2019	03:42	20.02	0.301
9/12/2019	03:43	20.01	0.329
9/12/2019	03:44	20.01	0.202
9/12/2019	03:45	20.01	0.173
9/12/2019	03:46	20.01	0.228
9/12/2019	03:47	20.01	0.175
9/12/2019	03:48	20.01	0.07
9/12/2019	03:49	20	0.179
9/12/2019	03:50	20	0.159
9/12/2019	03:51	19.98	0.072
9/12/2019	03:52	19.97	0.096
9/12/2019	03:53	19.95	0.227
9/12/2019	03:54	19.93	0.282
9/12/2019	03:55	19.91	0.267
9/12/2019	03:56	19.92	0.311
9/12/2019	03:57	19.93	0.349
9/12/2019	03:58	19.92	0.193
9/12/2019	03:59	19.93	0.304
9/12/2019	04:00	19.94	0.09
9/12/2019	04:01	19.95	0.265
9/12/2019	04:02	19.98	0.338
9/12/2019	04:03	19.99	0.379
9/12/2019	04:04	19.98	0.342
9/12/2019	04:05	19.97	0.338
9/12/2019	04:06	19.96	0.267
9/12/2019	04:07	19.95	0.361
9/12/2019	04:08	19.96	0.365
9/12/2019	04:09	19.97	0.387
9/12/2019	04:10	19.99	0.377
9/12/2019	04:11	20.01	0.336
9/12/2019	04:12	20	0.332
9/12/2019	04:13	19.99	0.372
9/12/2019	04:14	19.98	0.278

169.7	132.4701664	20.22	0.178
208.1	139.5939084	20.21	0.205
164.2	136.5821614	20.21	0.176
188.4	128.2980674	20.2	0.154
249.1	159.3928048	20.18	0.165
252.5	155.273777	20.17	0.162
247.3	161.8982783	20.15	0.157
264.4	146.17582	20.13	0.187
256.4	151.441929	20.11	0.221
238.4	178.2808867	20.11	0.189
227.9	175.9010607	20.11	0.175
225	168.1018522	20.11	0.183
224.9	167.8527808	20.13	0.227
235.3	185.9112491	20.15	0.293
241.6	171.5400605	20.16	0.234
295.9	154.4133891	20.16	0.139
338.4	142.6746234	20.15	0.26
341.8	138.8665983	20.14	0.273
333.6	149.347741	20.11	0.322
326.3	163.1241775	20.08	0.379
331.6	152.6415793	20.07	0.237
331.7	152.4689987	20.06	0.177
306.4	169.2750169	20.06	0.22
311.6	180.1392477	20.05	0.203
13.72	129.655029	20.04	0.085
85.2	145.823697	20.03	0.102
74.64	153.0597187	20.04	0.12
350.6	131.9350344	20.03	0.089
58.79	177.4012235	20.01	0.105
49.26	179.9771327	19.99	0.22
40.02	157.0891988	19.97	0.314
12.61	129.2772595	19.95	0.304
10.74	128.7545988	19.94	0.397
35.63	149.3947625	19.96	0.406
36.94	151.5182039	19.96	0.225
54.96	186.8219311	19.97	0.334
28.15	139.6469499	19.97	0.117
88.6	144.6580519	19.98	0.21
82.7	147.0253234	20.03	0.35
81.8	147.531862	20.05	0.393
93.9	143.8763375	20.04	0.364
83.7	146.5088075	20.02	0.334
91.1	144.1344398	20	0.279
96	143.9085582	20	0.379
92.2	143.9919054	20.01	0.386
89.5	144.4374183	20.04	0.401
99.1	144.310461	20.06	0.382
110	149.2234061	20.1	0.356
130.1	176.7139881	20.09	0.427
138.6	184.28627	20.07	0.419
150.3	154.96461	20.04	0.332

146.1	163.5761126	20.52	0.268
172.4	130.9739291	20.51	0.276
148.5	158.4376272	20.49	0.264
158.8	142.1896378	20.47	0.234
205.3	136.8505178	20.45	0.214
216.7	151.1187431	20.41	0.224
218.5	154.2338617	20.38	0.223
232.5	190.9470722	20.34	0.26
225.5	169.3661605	20.31	0.302
209.4	141.0213439	20.3	0.277
195.6	130.4120364	20.3	0.248
185.7	128.0395961	20.31	0.268
186.6	128.0940314	20.34	0.328
197.5	131.3306282	20.36	0.375
208.1	139.5939084	20.37	0.33
255.1	152.6196347	20.38	0.231
309.4	175.2003149	20.38	0.299
316.4	192.0626612	20.38	0.405
313.3	192.5757179	20.34	0.475
308.1	172.5243387	20.3	0.551
311.9	192.5757179	20.28	0.364
311.8	192.5757179	20.26	0.307
294.9	153.3930028	20.25	0.299
292.5	151.183739	20.24	0.309
338	143.1699306	20.22	0.144
36.56	150.8879157	20.21	0.118
35.48	149.160359	20.21	0.131
348.4	133.3092177	20.2	0.141
19.04	132.1920381	20.19	0.145
7.43	128.172316	20.18	0.246
6.748	128.1060144	20.17	0.346
349.3	132.7199372	20.18	0.397
347.4	134.0091067	20.21	0.497
0.214	128.392	20.23	0.457
8.93	128.3824371	20.21	0.333
21.89	134.0744649	20.23	0.442
6.845	128.1143331	20.24	0.229
59.23	176.428908	20.22	0.234
51.34	186.8001057	20.26	0.444
55.26	186.0175875	20.29	0.535
65.98	163.8904148	20.26	0.552
57.25	180.9756864	20.22	0.455
62.21	170.3718008	20.19	0.433
68.18	160.643801	20.19	0.519
64.55	166.2054889	20.2	0.57
62.69	169.4770687	20.24	0.598
73.18	154.5399206	20.27	0.609
85	145.9089029	20.33	0.494
109.6	148.9406289	20.29	0.51
120.8	160.3391006	20.25	0.578
129.1	174.5674412	20.22	0.515

132.4	182.0726285	20.96	0.383	126	168.5495467	21.35
155	147.2303008	20.94	0.375	142.2	173.356455	21.41
142.8	171.7238383	20.93	0.42	138.6	184.28627	21.5
151.8	152.2972712	20.9	0.368	143.8	169.1107479	21.55
191.1	128.8442293	20.86	0.294	175.3	129.7210908	21.55
202.7	134.6805694	20.78	0.267	185.1	128.0208746	21.5
204	135.7219305	20.74	0.276	183.4	128.0440822	21.47
225.8	170.1401693	20.69	0.284	198.5	131.8778474	21.41
220.2	157.4417417	20.63	0.332	202.2	134.3026158	21.29
200.7	133.2418584	20.6	0.355	186.1	128.0598829	21.2
186.7	128.1020341	20.6	0.367	175.6	129.6117355	21.19
178.7	128.6977354	20.62	0.401	172.6	130.8759536	21.22
180.4	128.3607156	20.66	0.431	175.6	129.6117355	21.26
191	128.8188092	20.69	0.498	183.5	128.0395961	21.3
200.6	133.1749726	20.72	0.472	191	128.8188092	21.34
233.1	192.0882584	20.74	0.316	211.8	143.9325875	21.35
288.1	147.9535689	20.73	0.24	262.5	147.1344513	21.31
306.5	169.4586546	20.72	0.396	290.4	149.5145601	21.25
306.6	169.6432085	20.67	0.577	296.4	154.9464686	21.16
302	162.0444998	20.61	0.691	294	152.5255981	21.06
304.2	165.4588142	20.57	0.507	296.1	154.6247674	21
305	166.7980522	20.54	0.398	295.6	154.1009172	20.96
291.5	150.3590693	20.51	0.46	286.4	146.9714914	20.89
293.2	151.7940443	20.48	0.454	286.6	147.0796431	20.81
323	171.1905949	20.45	0.228	306.5	169.4586546	20.75
16.37	130.765431	20.44	0.144	334.4	148.1195561	20.72
17.76	131.4686177	20.42	0.139	340.7	140.0223639	20.7
341.4	139.278727	20.41	0.172	317.2	189.1277069	20.69
2.924	128.0707888	20.4	0.158	334.3	148.2703958	20.67
356.6	129.2740865	20.4	0.259	334.7	147.6715655	20.67
1.142	128.2495063	20.42	0.349	339.3	141.5976893	20.69
346.7	134.5279034	20.46	0.445	338.8	142.1896378	20.77
346.9	134.3772185	20.5	0.541	334.6	147.8201441	20.83
356.9	129.1807975	20.52	0.577	342.5	138.1673439	20.85
1.017	128.2667211	20.5	0.417	346.9	134.3772185	20.83
21.5	133.7940871	20.52	0.538	9.18	128.4260886	20.83
14.72	130.0391616	20.51	0.283	13.08	129.4310178	20.79
51.1	185.9739218	20.47	0.288	35.48	149.160359	20.75
45.95	170.5315913	20.51	0.5	30.8	142.6746234	20.76
52.17	189.7407688	20.54	0.639	40.13	157.3042693	20.79
61.27	172.1869471	20.53	0.696	51.95	188.9484638	20.79
58.42	178.2353624	20.48	0.647	51.23	186.4201226	20.76
58.18	178.7846336	20.44	0.618	49.75	181.5177974	20.75
62.63	169.5877459	20.43	0.671	53.17	191.8809983	20.81
61.73	171.2881156	20.46	0.736	52.7	191.6887683	20.95
60.06	174.6512837	20.54	0.738	49.22	179.8530968	21.12
68.43	160.297823	20.62	0.708	57.42	180.5676066	21.21
78.44	149.7838249	20.7	0.611	66.36	163.3030131	21.3
103.3	145.540202	20.64	0.753	94	143.8734887	21.21
112.9	151.5291125	20.56	0.755	102.5	145.2440439	21.1
118.5	157.3584661	20.49	0.669	109.7	149.010542	20.97

0.423	127.3	170.9610894	163.5259087	Yes
0.456	138.4	184.9559525	155.2221091	Yes
0.447	138.7	183.9540825	166.9967959	Yes
0.41	139.6	181.0419634	154.5875375	Yes
0.413	159	141.9509679	139.3519221	Yes
0.425	164.2	136.5821614	141.1352251	Yes
0.491	168.6	133.1749726	142.614625	Yes
0.518	177.7	128.9499403	153.6181698	Yes
0.535	181.6	128.1916822	148.1488259	Yes
0.573	177.8	128.9229071	141.9053758	Yes
0.562	175.7	129.5761138	138.7205961	Yes
0.579	176.2	129.4042052	137.0238685	Yes
0.62	179.6	128.5050003	136.4848528	Yes
0.674	186	128.0542255	140.4309016	Yes
0.682	190.1	128.6080861	140.3471674	Yes
0.512	201.8	134.0091067	155.4125953	Yes
0.355	228.7	178.2639076	158.2453732	Yes
0.329	263.4	146.658692	159.3122332	Yes
0.481	287.5	147.5906108	162.8207493	Yes
0.735	289	148.5320061	159.750124	Yes
0.548	289.9	149.1519294	162.8905616	Yes
0.464	293.6	152.1552339	163.619784	Yes
0.613	292.3	151.0143979	154.2025957	Yes
0.608	289.8	149.0809751	155.8555298	Yes
0.353	297.5	156.1744239	153.9297266	Yes
0.178	294.1	152.6196347	145.6432469	Yes
0.178	297.5	156.1744239	145.9770966	Yes
0.253	291.6	150.439072	148.8179516	Yes
0.181	296.9	155.4951241	148.2859141	Yes
0.242	313.9	192.5757179	155.5341637	Yes
0.328	327.6	160.2933984	143.0671615	Yes
0.471	334.5	147.9694733	137.3368422	Yes
0.578	329.3	156.8559046	140.3633945	Yes
0.63	338.4	142.6746234	137.5619055	Yes
0.612	348.6	133.1749726	135.1439106	Yes
0.652	9.22	128.4333025	142.3099748	Yes
0.444	12.5	129.2425815	131.2948088	Yes
0.427	27.65	139.1230976	159.0688677	Yes
0.57	28.48	140.0007164	157.4064721	Yes
0.675	36.42	150.6586906	166.2506357	Yes
0.719	41.3	159.6656133	165.7135553	Yes
0.751	44.72	167.4075896	171.9095137	Yes
0.758	39.95	156.9529426	166.3523228	Yes
0.767	45.8	170.1401693	167.2322545	Yes
0.755	45.47	169.2894016	168.492736	Yes
0.74	47	173.356455	168.3550645	Yes
0.734	54.57	187.8857766	165.5203176	Yes
0.62	66.49	163.1046691	154.2647632	Yes
0.81	93	143.9217129	151.7980041	Yes
0.884	100.9	144.7396894	157.2276433	Yes
0.859	110.7	149.7384694	157.1279057	Yes

9/12/2019	04:15	19.98	0.339
9/12/2019	04:16	20	0.327
9/12/2019	04:17	20.08	0.419
9/12/2019	04:18	20.11	0.292
9/12/2019	04:19	20.13	0.179
9/12/2019	04:20	20.13	0.218
9/12/2019	04:21	20.16	0.185
9/12/2019	04:22	20.23	0.322
9/12/2019	04:23	20.24	0.37
9/12/2019	04:24	20.24	0.316
9/12/2019	04:25	20.24	0.299
9/12/2019	04:26	20.24	0.343
9/12/2019	04:27	20.23	0.278
9/12/2019	04:28	20.22	0.196
9/12/2019	04:29	20.21	0.233
9/12/2019	04:30	20.19	0.293
9/12/2019	04:31	20.16	0.365
9/12/2019	04:32	20.14	0.347
9/12/2019	04:33	20.13	0.262
9/12/2019	04:34	20.12	0.29
9/12/2019	04:35	20.12	0.268
9/12/2019	04:36	20.12	0.225
9/12/2019	04:37	20.1	0.382
9/12/2019	04:38	20.09	0.448
9/12/2019	04:39	20.07	0.409
9/12/2019	04:40	20.06	0.408
9/12/2019	04:41	20.06	0.31
9/12/2019	04:42	20.05	0.222
9/12/2019	04:43	20.07	0.188
9/12/2019	04:44	20.07	0.176
9/12/2019	04:45	20.08	0.293
9/12/2019	04:46	20.1	0.294
9/12/2019	04:47	20.1	0.312
9/12/2019	04:48	20.09	0.194
9/12/2019	04:49	20.07	0.158
9/12/2019	04:50	20.06	0.127
9/12/2019	04:51	20.05	0.153
9/12/2019	04:52	20.03	0.04
9/12/2019	04:53	20.01	0.166
9/12/2019	04:54	19.99	0.2
9/12/2019	04:55	19.96	0.242
9/12/2019	04:56	19.94	0.112
9/12/2019	04:57	19.92	0.076
9/12/2019	04:58	19.91	0.048
9/12/2019	04:59	19.9	0.226
9/12/2019	05:00	19.89	0.296
9/12/2019	05:01	19.87	0.336
9/12/2019	05:02	19.84	0.285
9/12/2019	05:03	19.83	0.204
9/12/2019	05:04	19.81	0.192
9/12/2019	05:05	19.79	0.128

117.7	156.4059988	20.04	0.357
133.3	184.3413566	20.07	0.402
103	145.4256783	20.18	0.406
93.9	143.8763375	20.21	0.252
67.03	162.2948196	20.25	0.153
62.65	169.5508168	20.25	0.212
132.5	182.3197334	20.27	0.2
111.2	150.1223115	20.35	0.324
102.2	145.1405816	20.38	0.346
89.3	144.4833098	20.37	0.295
73.28	154.4344162	20.36	0.283
74.45	153.2451217	20.35	0.32
67.67	161.3638086	20.34	0.268
79.81	148.7954988	20.32	0.175
59.25	176.3852117	20.3	0.219
52.59	191.2798355	20.28	0.311
50.42	183.6895958	20.25	0.419
53.41	191.1759354	20.23	0.364
60.16	174.4419877	20.22	0.286
51.25	186.4890444	20.21	0.285
64	167.1413681	20.2	0.256
54.93	186.9030305	20.21	0.24
42.26	161.707771	20.19	0.403
26.34	137.8184454	20.17	0.534
22.85	134.7963755	20.13	0.473
25.26	136.8144592	20.11	0.412
43.77	165.1232768	20.1	0.272
52.36	190.4326671	20.09	0.223
86.2	145.4256783	20.11	0.15
85	145.9089029	20.12	0.132
83.7	146.5088075	20.15	0.246
83.5	146.6082498	20.19	0.258
91.4	144.0902707	20.2	0.291
76.67	151.2093319	20.2	0.197
86.3	145.3884291	20.17	0.18
101.7	144.9772949	20.15	0.149
109.1	148.5988232	20.13	0.149
69.24	159.2077282	20.12	0.069
335.1	147.0846926	20.09	0.162
330.1	155.335435	20.07	0.23
315	192.5757179	20.03	0.285
335.9	145.9460296	20	0.132
29.77	141.4463499	19.98	0.096
186.9	128.1192135	19.96	0.047
133.1	183.8283932	19.96	0.163
165.5	135.4739906	19.97	0.359
150.3	154.96461	19.96	0.405
151.5	152.8150171	19.93	0.366
139.1	182.6427564	19.91	0.289
157.4	143.9325875	19.88	0.24
151	153.695204	19.86	0.18

98.9	144.2717056	20.21	0.48
123.6	164.489319	20.26	0.599
82.2	147.3018158	20.4	0.507
73.36	154.3504547	20.41	0.398
41.35	159.7695986	20.48	0.305
38	153.3405134	20.47	0.31
107.7	147.7095994	20.52	0.255
92.8	143.936624	20.59	0.421
80.4	148.3999072	20.61	0.476
65.69	164.3464243	20.6	0.46
49.27	180.0081821	20.59	0.442
46.97	173.2736346	20.59	0.476
41.09	159.231671	20.58	0.423
47.61	175.0682881	20.55	0.306
30.52	142.3340588	20.53	0.31
23.12	135.0076639	20.51	0.408
21.95	134.1182563	20.51	0.536
21.29	133.6461607	20.51	0.505
25.5	137.032099	20.5	0.39
21.05	133.479695	20.49	0.388
32.12	144.3491661	20.49	0.362
26.63	138.0989371	20.52	0.354
11.01	128.8213331	20.53	0.487
357.2	129.0911795	20.49	0.651
350.5	131.9926732	20.44	0.623
350.4	132.0507649	20.42	0.564
2.07	128.1409059	20.39	0.387
17.93	131.5604645	20.38	0.309
46.11	170.9523926	20.38	0.227
52.28	190.1404725	20.38	0.189
48.16	176.6583137	20.4	0.298
50.48	183.8878558	20.41	0.328
64.98	165.4916408	20.42	0.391
52.92	192.5140383	20.41	0.313
54.45	188.2173153	20.38	0.306
65.45	164.7289342	20.37	0.236
72.92	154.8171182	20.34	0.215
38.23	153.7487109	20.32	0.146
326	163.8037704	20.3	0.198
313	192.5757179	20.27	0.31
299.2	158.226888	20.24	0.393
320.3	178.8700569	20.23	0.234
350.2	132.1683105	20.22	0.168
176.8	129.2114853	20.21	0.053
113.8	152.3392627	20.2	0.108
139.9	180.1014276	20.2	0.334
131.7	180.3767538	20.19	0.48
131.1	178.969176	20.19	0.504
118.5	157.3584661	20.17	0.427
129.9	176.2761595	20.12	0.362
132	181.0963649	20.08	0.279

98.5	144.1995259	20.47	0.746	97.6	144.0630334	20.94
121.6	161.4641376	20.53	0.743	120.6	160.0651457	21.06
89.4	144.4601404	20.74	0.698	89.6	144.4151432	21.31
75.79	151.9825311	20.77	0.586	74.41	153.2844261	21.4
55.19	186.2041913	20.9	0.397	51.77	188.3071766	21.53
43.53	164.5631269	20.87	0.428	41.64	160.377809	21.58
87.9	144.8548646	20.92	0.319	81.9	147.4736091	21.64
84.2	146.2685776	20.98	0.527	75.31	152.4228274	21.65
78.61	149.655815	21.03	0.637	74.4	153.294267	21.65
70.45	157.6648201	21.01	0.596	68.02	160.8676218	21.65
56.73	182.2454732	21.03	0.566	55.38	185.6992079	21.71
52.55	191.1317394	21.03	0.573	52.4	190.5792409	21.73
48.87	178.7787329	21.01	0.59	47.05	173.4947707	21.68
52.65	191.5025857	20.95	0.446	50.95	185.4629047	21.62
43.3	164.0325631	20.93	0.452	45.3	168.856618	21.57
33.68	146.4811278	20.91	0.502	36.23	150.3501442	21.54
29.7	141.3652945	20.92	0.633	29.22	140.8176255	21.53
27.27	138.7346347	20.92	0.611	25.43	136.9683009	21.49
31.23	143.207499	20.88	0.467	27.23	138.6942245	21.39
30.15	141.8916955	20.84	0.466	25.1	136.6710803	21.29
36.52	150.8222598	20.82	0.453	33.48	146.1982075	21.25
36.11	150.1567726	20.84	0.429	33.22	145.8346911	21.24
18.99	132.16239	20.84	0.557	13.17	129.4614969	21.21
359.6	128.5050003	20.81	0.741	355.8	129.5409061	21.19
351.4	131.490113	20.75	0.758	347.6	133.8652759	21.13
348.9	132.977145	20.69	0.674	342.8	137.8760949	21.05
0.513	128.3423773	20.65	0.527	350.4	132.0507649	20.98
16.51	130.8324323	20.63	0.407	3.684	128.0323616	20.95
34.99	148.4068013	20.63	0.305	17.38	131.2679495	20.96
42.08	161.3174379	20.63	0.282	21.46	133.7657468	20.96
44.55	166.9908037	20.65	0.379	28	139.4882645	20.98
46.2	171.1905949	20.66	0.397	35.03	148.4676242	20.98
59.37	176.1239379	20.65	0.45	50.83	185.0570197	20.98
54.55	187.9408947	20.65	0.417	46.43	171.8042922	21.01
55.09	186.471902	20.63	0.411	43.5	164.4935779	20.99
52.03	189.2354853	20.62	0.346	39.15	155.428715	20.95
57.03	181.5089141	20.59	0.317	42.28	161.7513566	20.92
33.89	146.7813039	20.58	0.216	31.7	143.8038178	20.91
338.4	142.6746234	20.56	0.256	349	132.9121422	20.88
317.5	188.0594614	20.52	0.329	329.3	156.8559046	20.85
306.7	169.8286827	20.5	0.412	317.9	186.6616714	20.86
323.8	169.1107479	20.51	0.331	330.8	154.0534207	20.88
342.7	137.9726212	20.51	0.27	340.6	140.1309578	20.89
313.5	192.5757179	20.51	0.147	330.2	155.1495646	20.91
83.6	146.5582885	20.51	0.161	37.37	152.2459188	20.92
126.1	168.7295603	20.51	0.233	112.5	151.183739	20.94
123.9	164.9703808	20.51	0.457	110.1	149.2954063	20.95
130.2	176.9345288	20.5	0.532	120.4	159.7940691	20.95
117.5	156.1744239	20.51	0.519	110.9	149.8904009	20.95
122.8	163.2418433	20.46	0.507	119.8	158.9978987	20.91
125.5	167.6628412	20.39	0.436	121.1	160.7554768	20.85

0.983	112.1	150.8472717	147.9575071	Yes
1.068	131	178.7386118	169.8197141	Yes
0.805	103.2	145.5015641	145.4208683	Yes
0.762	86.3	145.3884291	149.7764357	Yes
0.588	67.35	161.8254511	171.6802474	Yes
0.61	65.47	164.6968799	162.5058292	Yes
0.371	89.2	144.5069269	153.3729467	Yes
0.624	86.2	145.4256783	147.6352038	Yes
0.701	86.6	145.2794496	148.3540041	Yes
0.737	83.6	146.5582885	154.7840929	Yes
0.654	80.6	148.2698482	170.1314255	Yes
0.673	75.4	152.3392627	172.1137999	Yes
0.661	66.15	163.6262185	167.2990403	Yes
0.613	71.53	156.3710973	171.4400749	Yes
0.595	69.08	159.4193571	162.2055617	Yes
0.596	63.65	167.7505176	158.1738578	Yes
0.681	52.65	191.5025857	158.2986716	Yes
0.731	45.54	169.4686864	153.9987436	Yes
0.664	42.78	162.8551638	151.2461948	Yes
0.637	44.68	167.3092027	153.1681436	Yes
0.589	51.6	187.7071962	159.2436395	Yes
0.568	49.24	179.9150824	160.1817027	Yes
0.625	34.62	147.8499498	140.0005882	Yes
0.776	17.3	131.2265166	131.2364096	Yes
0.859	7.318	128.1601768	132.0609229	Yes
0.844	356.8	129.2114853	133.7859899	Yes
0.727	4.684	128.0161376	136.3346925	Yes
0.616	17.77	131.4739849	142.4663821	Yes
0.499	24.08	135.7888304	146.3683304	Yes
0.442	26.72	138.1869391	153.8638998	Yes
0.505	35.1	148.5743588	155.6441096	Yes
0.508	40.53	158.0962638	161.6501177	Yes
0.565	52.37	190.4692807	172.24643	Yes
0.559	51.3	186.6616714	178.0260457	Yes
0.532	51.33	186.7654694	174.2673387	Yes
0.444	50.4	183.6236488	167.5988156	Yes
0.395	59.65	175.5202845	164.4392993	Yes
0.257	62.17	170.4473295	154.7977781	Yes
0.272	22.15	134.2654988	144.1481455	Yes
0.357	3.055	128.0625562	164.177815	Yes
0.406	345.9	135.1505606	168.4887041	Yes
0.385	3.438	128.0423315	155.2045173	Yes
0.337	15.38	130.315734	136.4067947	Yes
0.22	21.64	133.8938869	147.7899736	Yes
0.259	54.77	187.3376215	164.461897	Yes
0.236	98.2	144.1500472	155.9277529	Yes
0.373	102.4	145.2090977	158.9632497	Yes
0.457	115.9	154.4133891	164.585236	Yes
0.424	111.3	150.2006904	159.2533475	Yes
0.469	122.7	163.0894665	161.1075911	Yes
0.399	128.8	173.943875	167.4307524	Yes

9/12/2019	05:06	19.78	0.105
9/12/2019	05:07	19.77	0.084
9/12/2019	05:08	19.75	0.205
9/12/2019	05:09	19.73	0.289
9/12/2019	05:10	19.7	0.235
9/12/2019	05:11	19.68	0.308
9/12/2019	05:12	19.67	0.406
9/12/2019	05:13	19.68	0.311
9/12/2019	05:14	19.7	0.207
9/12/2019	05:15	19.72	0.255
9/12/2019	05:16	19.72	0.283
9/12/2019	05:17	19.73	0.302
9/12/2019	05:18	19.76	0.336
9/12/2019	05:19	19.81	0.279
9/12/2019	05:20	19.86	0.252
9/12/2019	05:21	19.88	0.213
9/12/2019	05:22	19.91	0.29
9/12/2019	05:23	19.92	0.238
9/12/2019	05:24	19.91	0.169
9/12/2019	05:25	19.91	0.194
9/12/2019	05:26	19.9	0.189
9/12/2019	05:27	19.89	0.131
9/12/2019	05:28	19.88	0.103
9/12/2019	05:29	19.87	0.085
9/12/2019	05:30	19.86	0.055
9/12/2019	05:31	19.85	0.098
9/12/2019	05:32	19.84	0.107
9/12/2019	05:33	19.82	0.193
9/12/2019	05:34	19.8	0.126
9/12/2019	05:35	19.78	0.072
9/12/2019	05:36	19.77	0.083
9/12/2019	05:37	19.76	0.048
9/12/2019	05:38	19.74	0.115
9/12/2019	05:39	19.74	0.084
9/12/2019	05:40	19.74	0.128
9/12/2019	05:41	19.76	0.134
9/12/2019	05:42	19.77	0.171
9/12/2019	05:43	19.78	0.116
9/12/2019	05:44	19.78	0.16
9/12/2019	05:45	19.8	0.226
9/12/2019	05:46	19.82	0.228
9/12/2019	05:47	19.79	0.187
9/12/2019	05:48	19.76	0.155
9/12/2019	05:49	19.74	0.181
9/12/2019	05:50	19.73	0.198
9/12/2019	05:51	19.71	0.223
9/12/2019	05:52	19.71	0.282
9/12/2019	05:53	19.71	0.321
9/12/2019	05:54	19.72	0.3
9/12/2019	05:55	19.73	0.191
9/12/2019	05:56	19.73	0.103

87.6	144.9460055	19.84	0.133
68.35	160.4080416	19.83	0.103
40.91	158.8632878	19.81	0.254
41	159.0470698	19.78	0.4
28.26	139.7641583	19.75	0.341
36.99	151.6020261	19.72	0.36
57.6	180.1392477	19.71	0.468
74.8	152.9052402	19.72	0.356
101.6	144.9460055	19.75	0.253
111.8	150.6007104	19.78	0.312
109.9	149.1519294	19.79	0.331
96.6	143.9532925	19.8	0.375
111.4	150.2796092	19.84	0.386
125.7	168.0148666	19.9	0.314
131.1	178.969176	19.95	0.27
129.9	176.2761595	19.99	0.228
131.3	179.4337369	20.02	0.312
137.4	188.4136263	20.02	0.3
145.1	165.9045121	20.01	0.223
163.6	137.1236975	20	0.255
170.5	131.9926732	19.98	0.249
147.3	160.9305691	19.97	0.167
97.8	144.0902707	19.96	0.144
63.74	167.5928578	19.95	0.113
120.6	160.0651457	19.94	0.09
171.9	131.2265166	19.93	0.119
81.1	147.9535689	19.93	0.134
37.5	152.4689987	19.93	0.235
28.92	140.4824744	19.91	0.192
3.707	128.0315502	19.88	0.09
358.4	128.7691755	19.86	0.099
6.499	128.0863457	19.84	0.077
61.35	172.0291541	19.84	0.096
112	150.7645356	19.87	0.102
113.2	151.7940443	19.9	0.125
112.7	151.3553066	19.93	0.131
138.8	183.6236488	19.95	0.18
139.8	180.4133026	19.97	0.175
120.9	160.4771641	19.97	0.188
91.8	144.0375611	20.02	0.209
69.17	159.3000938	20.05	0.227
31.66	143.752497	20.05	0.244
20.83	133.329518	20.01	0.203
357.4	129.0334674	19.97	0.207
337.9	143.2953883	19.93	0.226
337.7	143.5482783	19.89	0.264
327.4	160.717127	19.86	0.341
323.7	169.3661605	19.84	0.378
318.4	184.9559525	19.83	0.324
318.4	184.9559525	19.82	0.218
303.5	164.3305874	19.82	0.145

78.89	149.4483161	20.06	0.193
59.62	175.5845633	20.04	0.137
23.89	135.630482	20.02	0.272
23	134.9133063	19.99	0.487
7.166	128.1444888	19.98	0.42
15.95	130.5695101	19.94	0.479
34.57	147.7754919	19.95	0.627
49.06	179.3595306	19.97	0.508
72.35	155.4395506	19.97	0.421
85.8	145.579304	19.99	0.454
80.5	148.3346233	19.99	0.505
72.55	155.2188339	20.02	0.589
92.8	143.936624	20.07	0.489
113.2	151.7940443	20.12	0.404
115.4	153.8956445	20.18	0.413
118.5	157.3584661	20.21	0.403
120.5	159.929249	20.24	0.481
122.8	163.2418433	20.24	0.436
123.7	164.6488595	20.21	0.366
136.8	190.5792409	20.19	0.385
146.3	163.1241775	20.18	0.356
130.3	177.156161	20.15	0.281
85.6	145.6589028	20.15	0.235
52.79	192.0251799	20.13	0.178
93.6	143.8875148	20.13	0.158
137	189.8495428	20.13	0.208
70.75	157.2976971	20.14	0.217
22.43	134.4749388	20.16	0.282
12.27	129.1716707	20.19	0.276
358.2	128.8188092	20.18	0.16
349.3	132.7199372	20.18	0.131
5.145	128.0217916	20.19	0.145
36.17	150.2533138	20.19	0.178
75.29	152.4414609	20.21	0.195
84.9	145.9522103	20.22	0.204
84.5	146.1301527	20.24	0.236
117.4	156.0596058	20.25	0.185
115.8	154.3086209	20.26	0.188
101.3	144.8548646	20.28	0.224
76.22	151.5992642	20.32	0.323
49.91	182.0294973	20.36	0.353
18.7	131.9926732	20.37	0.304
5.751	128.0418353	20.36	0.266
342.3	138.3643054	20.34	0.245
317.7	187.3568179	20.29	0.333
313.5	192.5757179	20.24	0.419
306	168.5495467	20.2	0.513
302.3	162.4877295	20.16	0.535
298.9	157.8506504	20.12	0.466
300.7	160.201762	20.09	0.35
284.6	146.0849588	20.07	0.242

95.4	143.8796248	20.35	0.336	105	146.2685776	20.81
84.7	146.0402375	20.33	0.217	103	145.4256783	20.79
42.72	162.7212567	20.3	0.283	58.89	177.1783844	20.78
28.8	140.3499361	20.25	0.514	28.94	140.5046484	20.75
12.77	129.3285848	20.22	0.523	9.82	128.5491317	20.67
20.75	133.2754788	20.17	0.578	15.24	130.2555239	20.64
36.35	150.5446758	20.21	0.782	30.07	141.797187	20.67
48.35	177.2181431	20.27	0.704	42.3	161.7949854	20.75
66.86	162.5473472	20.28	0.559	58.86	177.2451207	20.82
77.25	150.7233737	20.28	0.595	68.5	160.201762	20.88
78.2	149.967168	20.3	0.667	70.8	157.2370948	20.96
75.48	152.2653751	20.35	0.801	71.88	155.9682146	21.05
89	144.5555056	20.41	0.778	85.1	145.8660653	21.08
105.2	146.3632375	20.46	0.673	96.4	143.936624	21.09
108.3	148.0785655	20.5	0.602	98.1	144.1344398	21.07
111.1	150.0444711	20.54	0.574	101.9	145.0412401	21.06
113.3	151.8834871	20.57	0.651	105	146.2685776	21.07
115.6	154.1009172	20.57	0.655	107.5	147.5906108	21.06
116.5	155.0549457	20.54	0.564	109	148.5320061	21.03
125.7	168.0148666	20.51	0.587	116	154.5187706	20.99
135.5	190.3353042	20.49	0.564	122.8	163.2418433	20.97
125.4	167.4881453	20.46	0.449	118.3	157.1163888	20.94
97.3	144.0254863	20.45	0.343	98.9	144.2717056	20.91
76.72	151.1667049	20.43	0.267	85	145.9089029	20.88
96.3	143.9289489	20.43	0.276	95.8	143.897159	20.88
117.4	156.0596058	20.43	0.32	108.1	147.9535689	20.87
82.9	146.9181461	20.45	0.33	81	148.0158154	20.84
43.67	164.8890666	20.47	0.358	46.19	171.1640744	20.82
32.73	145.1625868	20.49	0.361	39.13	155.3913754	20.82
26.21	137.6942208	20.51	0.258	39.6	156.2786798	20.85
24.91	136.5025886	20.52	0.25	42.93	163.1916819	20.89
42.12	161.403878	20.53	0.256	51.7	188.0594614	20.91
50.47	183.8547688	20.53	0.291	54.6	187.8032029	20.91
74.72	152.9822913	20.54	0.265	69	159.5258496	20.88
76.19	151.6256641	20.54	0.27	68.79	159.8075549	20.87
74.9	152.8094541	20.55	0.332	68.1	160.7554768	20.88
98.1	144.1344398	20.56	0.331	84.2	146.2685776	20.87
98.8	144.2529947	20.56	0.35	85.4	145.7403654	20.88
91	144.1500472	20.58	0.381	82.5	147.1344513	20.9
76.73	151.1581962	20.62	0.413	70.65	157.4194019	20.93
64.12	166.9349651	20.67	0.435	64.97	165.5080665	20.99
42.65	162.5655349	20.68	0.389	47.6	175.0397923	21.02
29.2	140.7951122	20.67	0.317	37.02	151.6524194	21.04
4.786	128.0166746	20.65	0.268	18.31	131.7704336	21.03
328.5	158.4376272	20.62	0.319	338.4	142.6746234	20.99
313	192.5757179	20.58	0.434	320.8	177.3663815	20.92
303.9	164.9703808	20.56	0.62	305.5	167.6628412	20.86
299.4	158.4811294	20.54	0.674	297.9	156.6401729	20.84
296.7	155.273777	20.49	0.623	293.8	152.3392627	20.86
297.8	156.5227599	20.43	0.489	294.2	152.7142528	20.82
288.1	147.9535689	20.37	0.381	287.3	147.4736091	20.74

0.256	110.6	149.6633025	146.8411653	Yes
0.237	113.5	152.0640803	155.9045202	Yes
0.252	83.9	146.4112828	156.1609387	Yes
0.446	49.09	179.4517612	150.8533444	Yes
0.487	29.35	140.9645568	133.3501841	Yes
0.605	29.72	141.3884222	137.4181922	Yes
0.81	36.47	150.7403734	154.1993952	Yes
0.729	48.52	177.7237208	169.800324	Yes
0.634	60.7	173.3294827	162.7015013	Yes
0.671	72.35	155.4395506	152.5089402	Yes
0.816	76.87	151.0396576	151.1460946	Yes
1.055	82.2	147.3018158	150.9415064	Yes
0.912	91.2	144.1192747	145.7514158	Yes
0.749	99.6	144.4151432	150.9047831	Yes
0.683	101.9	145.0412401	154.0238132	Yes
0.678	107.7	147.7095994	155.2859872	Yes
0.71	109.3	148.733998	157.2498097	Yes
0.732	110.1	149.2954063	160.5284808	Yes
0.669	109.7	149.010542	156.6301731	Yes
0.68	114.5	153.0016129	160.6476377	Yes
0.63	122.6	162.9378699	162.3263736	Yes
0.518	121.8	161.7528127	164.8888154	Yes
0.468	110	149.2234061	145.4539543	Yes
0.337	96.2	143.9217129	160.1230717	Yes
0.375	102.4	145.2090977	147.3975732	Yes
0.468	111.8	150.6007104	155.1379889	Yes
0.418	91.8	144.0375611	148.8445577	Yes
0.464	65.7	164.3305874	157.4655332	Yes
0.44	55.37	185.7256668	151.1867548	Yes
0.351	58.17	178.8076615	145.9261843	Yes
0.437	66.97	162.3836941	144.7134155	Yes
0.452	72.02	155.8092677	152.2761489	Yes
0.436	70.33	157.8133628	170.3507605	Yes
0.408	75.78	151.9915693	153.5411414	Yes
0.446	73.6	154.1009172	152.6560782	Yes
0.482	76.17	151.6432922	152.5387365	Yes
0.463	84.8	145.9959883	155.216452	Yes
0.46	87	145.1405816	153.971173	Yes
0.485	87.2	145.0738969	148.3380848	Yes
0.533	81	148.0158154	150.4460478	Yes
0.522	77.82	150.2637822	164.807281	Yes
0.49	67.48	161.6369825	154.997496	Yes
0.436	63.02	168.8742189	144.5386208	Yes
0.352	54.99	186.7409532	142.7851668	Yes
0.272	15.88	130.5375951	152.4604104	Yes
0.345	348.9	132.977145	167.8086481	Yes
0.544	326.9	161.7949854	164.7389762	Yes
0.676	318.4	184.9559525	166.386229	Yes
0.715	310.8	178.2808867	165.7401059	Yes
0.646	309.8	176.0588609	166.0907176	Yes
0.462	310.8	178.2808867	156.8247222	Yes

9/12/2019	05:57	19.73	0.159
9/12/2019	05:58	19.72	0.296
9/12/2019	05:59	19.72	0.357
9/12/2019	06:00	19.7	0.359
9/12/2019	06:01	19.68	0.307
9/12/2019	06:02	19.66	0.217
9/12/2019	06:03	19.64	0.169
9/12/2019	06:04	19.63	0.099
9/12/2019	06:05	19.61	0.119
9/12/2019	06:06	19.59	0.181
9/12/2019	06:07	19.58	0.156
9/12/2019	06:08	19.57	0.096
9/12/2019	06:09	19.55	0.033
9/12/2019	06:10	19.54	0.09
9/12/2019	06:11	19.53	0.219
9/12/2019	06:12	19.5	0.364
9/12/2019	06:13	19.48	0.376
9/12/2019	06:14	19.46	0.327
9/12/2019	06:15	19.44	0.316
9/12/2019	06:16	19.42	0.276
9/12/2019	06:17	19.41	0.266
9/12/2019	06:18	19.41	0.306
9/12/2019	06:19	19.42	0.218
9/12/2019	06:20	19.42	0.112
9/12/2019	06:21	19.42	0.112
9/12/2019	06:22	19.43	0.183
9/12/2019	06:23	19.44	0.11
9/12/2019	06:24	19.44	0.027
9/12/2019	06:25	19.42	0.11
9/12/2019	06:26	19.41	0.176
9/12/2019	06:27	19.38	0.208
9/12/2019	06:28	19.35	0.347
9/12/2019	06:29	19.33	0.36
9/12/2019	06:30	19.31	0.334
9/12/2019	06:31	19.31	0.266
9/12/2019	06:32	19.31	0.173
9/12/2019	06:33	19.31	0.102
9/12/2019	06:34	19.32	0.202
9/12/2019	06:35	19.33	0.127
9/12/2019	06:36	19.36	0.225
9/12/2019	06:37	19.4	0.278
9/12/2019	06:38	19.41	0.273
9/12/2019	06:39	19.41	0.281
9/12/2019	06:40	19.42	0.218
9/12/2019	06:41	19.44	0.202
9/12/2019	06:42	19.45	0.194
9/12/2019	06:43	19.47	0.268
9/12/2019	06:44	19.48	0.32
9/12/2019	06:45	19.51	0.319
9/12/2019	06:46	19.52	0.248
9/12/2019	06:47	19.52	0.152

249.9	158.3536654	19.81	0.164
229.4	180.4133026	19.8	0.317
215	148.4219956	19.81	0.487
200.2	132.9121422	19.79	0.461
201.4	133.7233811	19.76	0.376
194.8	130.0717042	19.74	0.316
187.8	128.2159189	19.71	0.228
210.9	142.7974765	19.68	0.162
245.4	164.8092124	19.66	0.165
254.6	153.0985737	19.64	0.236
245.3	164.9703808	19.62	0.203
256.1	151.7051686	19.62	0.141
236	184.0842372	19.61	0.031
146	163.8037704	19.59	0.085
156.1	145.6685335	19.58	0.275
160	140.7951122	19.57	0.518
160.1	140.6829105	19.54	0.473
158.2	142.9209771	19.51	0.465
157.1	144.3229273	19.48	0.404
173.2	130.5924354	19.46	0.363
186.3	128.0723698	19.45	0.372
197.5	131.3306282	19.45	0.442
196.7	130.9247236	19.46	0.351
201.7	133.9369487	19.47	0.165
188.7	128.3444613	19.46	0.151
178.3	128.7937914	19.48	0.237
193.3	129.506112	19.5	0.156
357	129.1505175	19.5	0.041
3.584	128.0361295	19.49	0.076
17.2	131.1751217	19.47	0.183
30.26	142.022303	19.46	0.297
10.42	128.6792938	19.42	0.436
3.417	128.043292	19.38	0.456
5.583	128.034843	19.36	0.4
9.75	128.534881	19.35	0.383
23.83	135.5808635	19.34	0.257
9.23	128.4351159	19.34	0.136
213	145.5308449	19.34	0.236
224.5	166.8688935	19.37	0.139
227.2	173.9118416	19.43	0.25
250.4	157.7265948	19.49	0.27
250.1	158.1007946	19.53	0.36
240.5	173.7380647	19.52	0.342
219.7	156.470139	19.53	0.313
203.5	135.3112579	19.55	0.268
201.9	134.0817512	19.56	0.286
203.8	135.5561236	19.57	0.393
201.2	133.5834127	19.59	0.468
183.2	128.0542255	19.62	0.398
172.2	131.0736496	19.62	0.321
158.7	142.3099249	19.63	0.22

230.6	184.28627	20.04	0.218
207.2	138.6639767	20.01	0.326
191.3	128.8962779	20.01	0.515
178.9	128.6521114	20	0.578
179.7	128.4855767	19.95	0.501
171.8	131.2783518	19.9	0.413
171	131.7089882	19.86	0.291
187.1	128.1379589	19.82	0.216
217.2	151.9563603	19.79	0.236
226.4	171.7238383	19.77	0.328
224.6	167.1130196	19.76	0.281
230.6	184.28627	19.77	0.217
207.9	139.3832047	19.76	0.082
131.4	179.6677453	19.74	0.092
136.8	190.5792409	19.73	0.298
137.2	189.1277069	19.72	0.657
136.4	192.0626612	19.69	0.635
132.6	182.5680669	19.65	0.589
135.3	189.7626755	19.62	0.519
151.3	153.1644801	19.6	0.47
165.6	135.3923691	19.59	0.483
175.2	129.7583745	19.59	0.523
177.2	129.0911795	19.59	0.426
183.1	128.0598829	19.6	0.272
165	135.8898012	19.6	0.225
160.5	140.2401479	19.62	0.302
172.5	130.9247236	19.65	0.244
171.1	131.6535994	19.64	0.132
343	137.6847037	19.64	0.039
350.9	131.7648252	19.62	0.121
7.318	128.1601768	19.61	0.265
347	134.3026158	19.59	0.503
341.1	139.5939084	19.57	0.531
342.2	138.4636301	19.57	0.478
344.8	136.0597477	19.58	0.475
356.3	129.3710598	19.6	0.328
347.3	134.0817512	19.62	0.194
212.8	145.2575724	19.64	0.219
199.1	132.2277664	19.65	0.116
200.8	133.3092177	19.7	0.196
222.8	162.8998881	19.73	0.34
228.9	178.8700569	19.8	0.476
221.1	159.2522329	19.8	0.451
205.7	137.2158368	19.8	0.38
187.3	128.1582717	19.81	0.312
181.8	128.1690162	19.8	0.328
183.3	128.0489586	19.82	0.475
179.8	128.4665503	19.85	0.584
160.3	140.4603245	19.85	0.505
148.4	158.6397721	19.83	0.392
133.4	184.5997584	19.81	0.315

251	156.9963458	20.33	0.306	263.8	146.4598058	20.67
216.9	151.4512959	20.29	0.379	229.3	180.1014276	20.61
195.4	130.3244035	20.26	0.542	200	132.7835393	20.55
181.4	128.2159189	20.24	0.656	185.1	128.0208746	20.49
178	128.870052	20.2	0.63	180.9	128.2833916	20.45
169.7	132.4701664	20.13	0.56	171.2	131.5986579	20.4
171.3	131.5441627	20.07	0.429	172.4	130.9739291	20.35
185	128.0191197	20.02	0.36	192	129.0911795	20.32
209.7	141.3652945	19.99	0.359	212.4	144.7193684	20.32
225.8	170.1401693	19.97	0.429	221.3	159.6656133	20.3
225.7	169.8808638	19.96	0.398	217.3	152.1263931	20.27
222.7	162.6767095	19.95	0.307	216.8	151.2846063	20.23
203.8	135.5561236	19.94	0.14	193.7	129.6477719	20.23
141.8	174.472931	19.93	0.159	150	155.5222256	20.24
138.6	184.28627	19.92	0.375	143	171.1905949	20.26
134.5	187.5288517	19.92	0.753	135.9	191.4980279	20.29
133.1	183.8283932	19.9	0.802	136.2	192.385621	20.29
127.1	170.5798662	19.85	0.723	128.9	174.1507045	20.21
130.9	178.509184	19.81	0.683	130.8	178.2808867	20.15
142.3	173.0808789	19.79	0.65	141.8	174.472931	20.16
157.9	143.2953883	19.79	0.7	151.7	152.4689987	20.22
166.3	134.8352272	19.79	0.729	160	140.7951122	20.22
174.1	130.1961465	19.79	0.614	165.7	135.3112579	20.2
172.9	130.7322487	19.78	0.364	164.7	136.145503	20.17
161.4	139.278727	19.79	0.351	154.7	147.6715655	20.15
155.4	146.6522652	19.82	0.473	152.4	151.2846063	20.18
164.5	136.3185854	19.85	0.392	157.3	144.0620273	20.23
166.5	134.6805694	19.86	0.266	156.9	144.586539	20.23
189.2	128.4296876	19.86	0.143	172.4	130.9739291	20.23
348.3	133.3770516	19.85	0.048	344.4	136.4059155	20.21
3.137	128.0577442	19.83	0.215	1.032	128.2646228	20.19
342.3	138.3643054	19.81	0.55	332.5	151.1187431	20.13
335.7	146.2263702	19.82	0.654	325.3	165.4295013	20.08
339.3	141.5976893	19.85	0.64	327.3	160.9305691	20.08
339.7	141.1353782	19.88	0.623	328.2	159.0470698	20.13
349	132.9121422	19.93	0.447	334.6	147.8201441	20.18
334	148.7274886	19.99	0.258	324.1	168.3521774	20.22
193.7	129.6477719	20	0.25	228.9	178.8700569	20.23
186.4	128.0791994	20.03	0.226	193.1	129.4377621	20.28
202.5	134.5279034	20.03	0.264	200.1	132.8476073	20.29
222	161.1450705	20.07	0.383	214.6	147.8201441	20.36
230.2	182.967997	20.15	0.517	218.2	153.695204	20.45
225.6	169.6228634	20.19	0.563	223	163.3495837	20.5
209	140.5713153	20.2	0.518	211.1	143.0451277	20.54
194.3	129.8727295	20.2	0.441	199.1	132.2277664	20.57
185	128.0191197	20.19	0.456	191.6	128.9773778	20.58
184	128.0230196	20.21	0.618	185.6	128.0355004	20.57
176.4	129.3383252	20.23	0.713	176.6	129.2740865	20.56
159.5	141.3652945	20.22	0.695	156.8	144.7193684	20.54
147.7	160.0831011	20.16	0.582	147	161.577273	20.46
132.2	181.5820782	20.09	0.445	134	186.1774937	20.37

0.367	290	149.2234061	159.0638986	Yes
0.359	250.6	157.480505	161.6221015	Yes
0.523	212	144.1921397	136.9236712	Yes
0.618	193.7	129.6477719	129.4897638	Yes
0.647	193.8	129.6842235	129.809325	Yes
0.593	188.2	128.2691098	130.737598	Yes
0.555	193	129.4042052	130.3694408	Yes
0.499	209.4	141.0213439	133.8134157	Yes
0.481	208.4	139.914364	148.5529199	Yes
0.523	208.4	139.914364	158.9085117	Yes
0.507	202.6	134.6039881	157.7389291	Yes
0.425	209.2	140.7951122	158.1495733	Yes
0.28	211	142.9209771	146.3184629	Yes
0.241	199.5	132.4701664	161.1873677	Yes
0.328	180.4	128.3607156	164.017071	Yes
0.601	159.9	140.9079226	169.9715243	Yes
0.788	148.9	157.6389568	173.3197085	Yes
0.92	138.3	185.293471	171.1026172	Yes
0.894	142.6	172.2625195	172.6276386	Yes
0.884	153	150.3016928	156.3224836	Yes
0.956	161.1	139.5939084	139.7646068	Yes
1.005	166.1	134.9918873	134.3422459	Yes
0.861	172.3	131.0235708	131.3093757	Yes
0.62	173.4	130.5013785	131.8751924	Yes
0.566	167.7	133.7940871	136.9957284	Yes
0.67	165.2	135.7219305	140.5385483	Yes
0.637	169.8	132.4088779	134.6440652	Yes
0.506	169.6	132.5319155	134.5206282	Yes
0.399	175.1	129.7960751	130.984105	Yes
0.201	176.9	129.1807975	132.3807423	Yes
0.1	86.4	145.3516416	134.3712977	Yes
0.414	346.9	134.3772185	137.3684353	Yes
0.579	338.3	142.7974765	144.4181097	Yes
0.627	339	141.9509679	142.1955399	Yes
0.554	338.8	142.1896378	141.3933429	Yes
0.408	344.9	135.9745142	136.3317448	Yes
0.219	317.7	187.3568179	153.3906702	Yes
0.179	251.8	156.0596058	151.0731704	Yes
0.298	190.1	128.6080861	137.0443415	Yes
0.274	218.1	153.51742	145.622798	Yes
0.502	211.9	144.0620273	154.730745	Yes
0.596	214.3	147.3766469	164.2021399	Yes
0.615	217.8	152.989316	163.7904121	Yes
0.656	207.3	138.7650022	143.2134842	Yes
0.6	199.9	132.7199372	131.6579925	Yes
0.615	193.1	129.4377621	129.7370054	Yes
0.709	188.3	128.2833916	129.5893988	Yes
0.792	183	128.065931	129.7456611	Yes
0.832	173	130.6852129	137.0568852	Yes
0.791	158.5	142.5524154	150.7852422	Yes
0.723	146.2	163.3495837	171.6037678	Yes

9/12/2019	06:48	19.54	0.071
9/12/2019	06:49	19.56	0.053
9/12/2019	06:50	19.59	0.198
9/12/2019	06:51	19.62	0.182
9/12/2019	06:52	19.66	0.126
9/12/2019	06:53	19.7	0.132
9/12/2019	06:54	19.74	0.123
9/12/2019	06:55	19.8	0.149
9/12/2019	06:56	19.87	0.226
9/12/2019	06:57	19.95	0.203
9/12/2019	06:58	20.04	0.171
9/12/2019	06:59	20.14	0.133
9/12/2019	07:00	20.24	0.163
9/12/2019	07:01	20.34	0.196
9/12/2019	07:02	20.43	0.171
9/12/2019	07:03	20.54	0.13
9/12/2019	07:04	20.66	0.123
9/12/2019	07:05	20.8	0.09
9/12/2019	07:06	20.97	0.143
9/12/2019	07:07	21.12	0.158
9/12/2019	07:08	21.26	0.185
9/12/2019	07:09	21.4	0.278
9/12/2019	07:10	21.55	0.097
9/12/2019	07:11	21.64	0.122
9/12/2019	07:12	21.72	0.134
9/12/2019	07:13	21.9	0.076
9/12/2019	07:14	22.09	0.193
9/12/2019	07:15	22.2	0.318
9/12/2019	07:16	22.26	0.341
9/12/2019	07:17	22.32	0.288
9/12/2019	07:18	22.4	0.283
9/12/2019	07:19	22.49	0.172
9/12/2019	07:20	22.63	0.103
9/12/2019	07:21	22.82	0.158
9/12/2019	07:22	23.01	0.194
9/12/2019	07:23	23.17	0.182
9/12/2019	07:24	23.34	0.203
9/12/2019	07:25	23.52	0.189
9/12/2019	07:26	23.66	0.203
9/12/2019	07:27	23.75	0.182
9/12/2019	07:28	23.81	0.167
9/12/2019	07:29	23.89	0.175
9/12/2019	07:30	24.01	0.159
9/12/2019	07:31	24.17	0.152
9/12/2019	07:32	24.31	0.113
9/12/2019	07:33	24.39	0.19
9/12/2019	07:34	24.41	0.22
9/12/2019	07:35	24.39	0.342
9/12/2019	07:36	24.36	0.339
9/12/2019	07:37	24.37	0.37
9/12/2019	07:38	24.34	0.524

134.3	186.9842516	19.64	0.13
342.8	137.8760949	19.67	0.06
355.6	129.6117355	19.7	0.183
351.9	131.2265166	19.74	0.202
308.5	173.3294827	19.78	0.18
289.1	148.5988232	19.81	0.148
288.3	148.0785655	19.85	0.14
353.5	130.4564935	19.9	0.178
14.5	129.9510588	19.98	0.251
23.5	135.3112579	20.07	0.231
37.78	152.9543872	20.17	0.202
45.75	170.0103529	20.29	0.209
44.63	167.1864961	20.41	0.248
16.75	130.9492718	20.52	0.252
5.262	128.0245453	20.63	0.204
12.82	129.3448392	20.75	0.158
12.33	129.1899609	20.9	0.137
22.34	134.4071975	21.06	0.096
65.97	163.9060273	21.24	0.144
32.64	145.0409626	21.39	0.188
31.14	143.0949704	21.54	0.223
32.84	145.3120032	21.68	0.29
199	132.1683105	21.85	0.097
318.5	184.6202228	21.98	0.114
347.9	133.6531567	22.06	0.121
48.09	176.4534396	22.24	0.06
208.5	140.0223639	22.43	0.21
220.1	157.2454979	22.49	0.368
225.4	169.1107479	22.51	0.441
226.9	173.0808789	22.53	0.345
206.1	137.5898354	22.58	0.281
205.2	136.7605319	22.66	0.229
201.7	133.9369487	22.81	0.134
186.5	128.0864199	23.01	0.158
173.9	130.2812262	23.2	0.231
161.3	139.3832047	23.34	0.19
149.6	156.2786798	23.5	0.185
157.4	143.9325875	23.69	0.215
164	136.7605319	23.81	0.219
194.7	130.0310681	23.88	0.242
187.6	128.1916822	23.94	0.198
208.2	139.7001382	24.03	0.181
167.1	134.2285045	24.14	0.148
176	129.4717308	24.33	0.145
200.4	133.042617	24.52	0.165
199.5	132.4701664	24.62	0.229
215.1	148.5743588	24.61	0.317
216.1	150.1407104	24.58	0.431
213	145.5308449	24.53	0.468
205.2	136.7605319	24.53	0.555
212.1	144.3229273	24.49	0.725

122.2	162.3392225	19.81	0.214
148.3	158.8429179	19.84	0.076
330.6	154.4151969	19.86	0.128
325.5	164.9592071	19.9	0.187
289.5	148.8712346	19.94	0.263
267.7	144.915171	19.97	0.346
266.3	145.3884291	19.99	0.329
323	171.1905949	20.02	0.296
347.4	134.0091067	20.07	0.32
354.6	129.9908531	20.13	0.288
9.37	128.4609197	20.22	0.24
22.37	134.4297335	20.31	0.248
23.67	135.4494505	20.41	0.311
356.6	129.2740865	20.51	0.306
339.6	141.2500277	20.6	0.288
346.6	134.6039881	20.68	0.2
346.5	134.6805694	20.79	0.166
359.2	128.5866722	20.91	0.114
33.79	146.6379639	21.04	0.175
5.167	128.0222686	21.18	0.207
8.6	128.328602	21.3	0.257
6.284	128.0713133	21.43	0.295
42	161.1450705	21.56	0.084
295.6	154.1009172	21.69	0.126
330.3	154.96461	21.77	0.156
4.736	128.0163606	21.92	0.057
175	129.8341932	22.09	0.196
188.3	128.2833916	22.16	0.247
195.2	130.2384741	22.19	0.414
189.3	128.4479207	22.22	0.382
178.1	128.8442293	22.27	0.332
176.3	129.3710598	22.34	0.23
165.5	135.4739906	22.47	0.086
158.4	142.6746234	22.65	0.097
152.6	150.9537025	22.79	0.208
144.8	166.6259865	22.92	0.244
132.3	181.8267455	23.07	0.191
133	183.5738179	23.23	0.222
141.5	175.3254093	23.33	0.281
157.8	143.4215034	23.37	0.301
160.2	140.5713153	23.42	0.288
178	128.870052	23.49	0.265
155.9	145.9460296	23.59	0.221
146.6	162.4546358	23.76	0.196
169.1	132.8476073	23.93	0.258
173.6	130.4120364	24.03	0.427
187.6	128.1916822	24.03	0.5
199.5	132.4701664	24.04	0.521
185.6	128.0355004	24.02	0.622
189.3	128.4479207	24.03	0.825
185.6	128.0355004	23.99	0.894

133.7	185.382728	20.07	0.337	136.8	190.5792409	20.32
181.5	128.2036041	20.08	0.189	152.9	150.4634796	20.34
310.5	177.6027217	20.09	0.132	293	151.6168585	20.37
315.1	192.5757179	20.1	0.209	296.5	155.0549457	20.39
285.7	146.6082498	20.13	0.253	271.2	144.1192747	20.43
275.1	143.8710782	20.17	0.311	263.8	146.4598058	20.46
272.8	143.936624	20.2	0.359	268.7	144.6317408	20.48
308.5	173.3294827	20.22	0.387	292.4	151.0987909	20.51
335	147.2303008	20.25	0.415	314.1	192.5757179	20.55
344.9	135.9745142	20.31	0.365	318.3	185.293471	20.6
359.9	128.4479207	20.37	0.297	328	159.4584123	20.67
12.56	129.2614354	20.45	0.279	343.7	137.032099	20.75
18.57	131.9178309	20.53	0.322	354.1	130.1961465	20.85
356.3	129.3710598	20.62	0.366	331.8	152.2972712	20.95
337.3	144.0620273	20.71	0.349	323	171.1905949	21.04
338.8	142.1896378	20.79	0.294	315.3	192.5757179	21.13
341.4	139.278727	20.87	0.27	310.9	178.509184	21.22
340.2	140.5713153	20.95	0.192	315.2	192.5757179	21.32
5.418	128.0290477	21.05	0.177	356	129.4717308	21.41
5.349	128.0269391	21.13	0.233	344.4	136.4059155	21.45
1.658	128.1849475	21.21	0.306	350.4	132.0507649	21.51
2.745	128.0831223	21.29	0.345	350.6	131.9350344	21.58
15.81	130.5058905	21.41	0.131	338.4	142.6746234	21.72
296.4	154.9464686	21.53	0.19	303.7	164.6488595	21.85
322	173.9118416	21.6	0.215	307.8	171.9308504	21.93
39.46	156.0122198	21.73	0.084	192.8	129.3383252	22.09
168.6	133.1749726	21.89	0.316	166.2	134.9133063	22.23
189.6	128.5050003	21.98	0.46	188.5	128.3131374	22.28
189.2	128.4296876	22.04	0.575	189.2	128.4296876	22.3
191.4	128.9229071	22.08	0.469	184.2	128.0191197	22.33
177.5	129.00522	22.13	0.405	173.6	130.4120364	22.37
171	131.7089882	22.2	0.332	169.4	132.6567999	22.42
148.4	158.6397721	22.3	0.192	160	140.7951122	22.52
148.2	159.0470698	22.44	0.173	164.5	136.3185854	22.65
142.9	171.4565408	22.55	0.271	145.5	164.9592071	22.76
135.8	191.2051427	22.66	0.259	136	191.7923969	22.87
131	178.7386118	22.79	0.21	131.7	180.3767538	22.98
131.3	179.4337369	22.92	0.278	126.5	169.4586546	23.12
145.4	165.1937679	23	0.293	135.8	191.2051427	23.17
154.1	148.5743588	23.05	0.297	146.7	162.2336611	23.2
159.5	141.3652945	23.09	0.264	148.2	159.0470698	23.26
169.6	132.5319155	23.15	0.316	167.9	133.6531567	23.33
164.5	136.3185854	23.25	0.234	148.3	158.8429179	23.46
161.3	139.3832047	23.42	0.19	141.5	175.3254093	23.65
161.9	138.7650022	23.6	0.182	149.1	157.2454979	23.82
169.9	132.3480491	23.7	0.307	163.1	137.5898354	23.9
178.6	128.7211479	23.72	0.404	175.8	129.5409061	23.9
187.5	128.180153	23.76	0.514	185	128.0191197	23.94
183.6	128.0355004	23.76	0.599	179.6	128.5050003	23.93
182.2	128.1283904	23.78	0.693	177.5	129.00522	23.97
178.4	128.7691755	23.78	0.943	176.5	129.3060009	23.94

0.611	147.6	160.2933984	177.1157683	Yes
0.459	160.3	140.4603245	143.1692842	Yes
0.203	172.6	130.8759536	148.8244932	Yes
0.101	217	151.6188155	159.0870406	Yes
0.206	236.3	183.3205043	159.2497492	Yes
0.374	246.4	163.2418433	149.4173443	Yes
0.464	256.2	151.6168585	146.7304436	Yes
0.35	272.1	144.0026586	154.0156041	Yes
0.336	304	165.1323684	153.7797105	Yes
0.252	315.9	192.5757179	155.8291628	Yes
0.178	335.4	146.6522652	143.194781	Yes
0.173	350.8	131.8211113	140.5109464	Yes
0.207	1.692	128.1810609	138.586197	Yes
0.272	341.2	139.4882645	136.2759908	Yes
0.303	321.2	176.1911131	152.1436617	Yes
0.252	312.4	192.5757179	158.2579802	Yes
0.22	309.7	175.8426324	151.5002148	Yes
0.167	301.5	161.3209223	151.492365	Yes
0.199	327	161.577273	145.9244085	Yes
0.303	340.6	140.1309578	135.5254088	Yes
0.366	347.6	133.8652759	133.1049121	Yes
0.428	350	132.2876789	133.1378304	Yes
0.165	340.7	140.0223639	141.3032518	Yes
0.219	319.1	182.6427564	168.1918449	Yes
0.213	293.4	151.9734986	157.2867914	Yes
0.104	229.8	181.6772422	154.2995175	Yes
0.345	172.5	130.9247236	133.7739119	Yes
0.493	201	133.4453614	135.1584777	Yes
0.595	197.6	131.3833467	137.5183888	Yes
0.625	186.6	128.0940314	137.3129716	Yes
0.563	182.3	128.1192135	130.7941069	Yes
0.413	178.8	128.6747234	131.8344206	Yes
0.256	172.6	130.8759536	139.9443554	Yes
0.241	178.8	128.6747234	138.9602844	Yes
0.295	156.3	145.3938588	152.6089071	Yes
0.333	146.4	162.8998881	170.3813238	Yes
0.316	140.1	179.4825368	175.3406656	Yes
0.316	136.9	190.2134023	173.3224398	Yes
0.353	148.7	158.0363201	165.3042344	Yes
0.337	159	141.9509679	145.2423118	Yes
0.319	158.3	142.7974765	142.3945677	Yes
0.33	175.1	129.7960751	132.9102675	Yes
0.224	166.8	134.4523139	141.9576703	Yes
0.198	153.4	149.6625543	151.259507	Yes
0.238	159.2	141.7148217	140.7231092	Yes
0.443	171.8	131.2783518	132.8196878	Yes
0.466	180.9	128.2833916	132.6622973	Yes
0.527	189.3	128.4479207	133.451614	Yes
0.601	182.3	128.1192135	131.6452119	Yes
0.854	181.1	128.2552218	130.119457	Yes
1.026	178.1	128.8442293	131.8555667	Yes

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9/12/2019	07:40	24.34	0.486
9/12/2019	07:41	24.38	0.498
9/12/2019	07:42	24.44	0.534
9/12/2019	07:43	24.49	0.492
9/12/2019	07:44	24.55	0.396
9/12/2019	07:45	24.59	0.532
9/12/2019	07:46	24.67	0.482
9/12/2019	07:47	24.77	0.478
9/12/2019	07:48	24.83	0.68
9/12/2019	07:49	24.9	0.471
9/12/2019	07:50	24.97	0.46
9/12/2019	07:51	25.01	0.708
9/12/2019	07:52	25.05	0.588
9/12/2019	07:53	25.13	0.548
9/12/2019	07:54	25.2	0.681
9/12/2019	07:55	25.28	0.807
9/12/2019	07:56	25.37	0.767
9/12/2019	07:57	25.46	0.405
9/12/2019	07:58	25.55	0.708
9/12/2019	07:59	25.59	0.703
9/12/2019	08:00	25.61	0.74
9/12/2019	08:01	25.63	0.938
9/12/2019	08:02	25.64	0.67
9/12/2019	08:03	25.71	0.787
9/12/2019	08:04	25.75	0.709
9/12/2019	08:05	25.85	0.742
9/12/2019	08:06	25.92	0.824
9/12/2019	08:07	26	0.807
9/12/2019	08:08	26.15	0.608
9/12/2019	08:09	26.32	0.542
9/12/2019	08:10	26.52	0.76
9/12/2019	08:11	26.53	1.068
9/12/2019	08:12	26.56	0.844
9/12/2019	08:13	26.63	0.777
9/12/2019	08:14	26.68	0.914
9/12/2019	08:15	26.67	1.185
9/12/2019	08:16	26.62	1.072
9/12/2019	08:17	26.59	0.855
9/12/2019	08:18	26.61	1.167
9/12/2019	08:19	26.58	1.222
9/12/2019	08:20	26.55	1.518
9/12/2019	08:21	26.61	1.044
9/12/2019	08:22	26.75	1.06
9/12/2019	08:23	26.87	1.009
9/12/2019	08:24	26.93	1.078
9/12/2019	08:25	26.97	1.157
9/12/2019	08:26	26.97	1.026
9/12/2019	08:27	26.98	1.497
9/12/2019	08:28	26.96	1.463
9/12/2019	08:29	26.95	1.532

213.8	146.6522652	24.47	0.734
216.4	150.6260744	24.45	0.597
207.5	138.968767	24.48	0.577
216.8	151.2846063	24.55	0.646
223.4	164.2624968	24.59	0.629
227.3	174.1916691	24.63	0.575
222.6	162.4546358	24.66	0.733
208.2	139.7001382	24.74	0.545
213.2	145.8069274	24.86	0.641
211.8	143.9325875	24.92	0.709
202.5	134.5279034	24.99	0.684
214.3	147.3766469	25.07	0.657
217.4	152.2972712	25.12	0.851
207.8	139.278727	25.15	0.796
191.6	128.9773778	25.25	0.585
212.2	144.4543929	25.33	0.799
189.5	128.4855767	25.4	0.791
195.2	130.2384741	25.48	0.872
206.3	137.780123	25.56	0.502
200.8	133.3092177	25.66	0.833
213.1	145.6685335	25.69	0.891
207.5	138.968767	25.71	0.847
216.9	151.4512959	25.72	1.091
208.5	140.0223639	25.72	0.981
224.5	166.8688935	25.78	0.936
219.5	156.0881634	25.82	1.08
230.4	183.6236488	25.9	0.856
222.1	161.3606366	25.97	0.876
217.7	152.8150171	26.03	0.988
224.9	167.8527808	26.18	0.619
253	154.7313813	26.37	0.549
239.4	176.0588609	26.58	0.789
257.9	150.2006904	26.58	1.13
243	168.9104738	26.58	0.909
216	149.9805289	26.62	0.81
227.8	175.6124958	26.66	1.15
219.7	156.470139	26.66	1.15
225.5	169.3661605	26.61	1.255
223.8	165.1937679	26.59	0.991
216.7	151.1187431	26.62	1.28
216.8	151.2846063	26.6	1.433
233.6	190.6237893	26.55	1.531
241.1	172.5243387	26.59	1.168
224.3	166.3842917	26.73	1.01
222.6	162.4546358	26.87	1.175
221.8	160.717127	26.95	1.249
227	173.356455	26.99	1.249
228.2	176.7757169	27	1.246
225.5	169.3661605	27.01	1.617
225.2	168.6037636	26.99	1.673
230.2	182.967997	26.97	1.529

193.5	129.5761138	24	0.892
192.8	129.3383252	24	0.908
186	128.0542255	24.05	0.654
196.1	130.6386087	24.12	0.833
202.4	134.4523139	24.16	0.867
205.5	137.032099	24.21	0.776
200.4	133.042617	24.24	0.811
187.6	128.1916822	24.32	0.667
193.7	129.6477719	24.42	0.716
186.2	128.065931	24.46	0.922
179.6	128.5050003	24.53	0.756
193.1	129.4377621	24.61	0.7
195.8	130.5013785	24.66	0.986
182.7	128.0864199	24.71	0.884
172.2	131.0736496	24.78	0.737
183	128.065931	24.86	0.814
166.8	134.4523139	24.92	0.813
170.3	132.1093104	24.98	0.84
185.3	128.0255546	25.06	0.59
186.5	128.0864199	25.14	0.767
187.3	128.1582717	25.18	0.875
185.5	128.031795	25.2	0.896
194.7	130.0310681	25.22	1.107
186.5	128.0864199	25.23	0.942
204.9	136.4937737	25.32	1.045
200.8	133.3092177	25.37	1.06
211.7	143.8038178	25.47	1.043
203.4	135.2306555	25.54	0.943
193.5	129.5761138	25.6	0.857
204.5	136.145503	25.73	0.472
227.4	174.472931	25.91	0.552
221	159.0470698	26.11	0.77
227.6	175.0397923	26.12	1.147
216.1	150.1407104	26.15	1.069
195.8	130.5013785	26.19	0.815
202.3	134.3772185	26.22	1.151
203.4	135.2306555	26.21	1.39
199.8	132.6567999	26.16	1.293
194.8	130.0717042	26.14	1.067
193.6	129.6117355	26.17	1.66
194.6	129.9908531	26.16	1.755
211.7	143.8038178	26.12	1.74
217.6	152.6415793	26.18	1.2
205.7	137.2158368	26.3	0.906
198.3	131.7648252	26.43	1.209
200.5	133.1085592	26.51	1.397
202.3	134.3772185	26.56	1.388
199.4	132.4088779	26.57	1.614
200.6	133.1749726	26.58	1.78
199.1	132.2277664	26.58	1.861
208.1	139.5939084	26.58	1.621

185.9	128.0489586	23.79	0.873	182.6	128.0940314	23.95
184.6	128.016	23.82	0.792	182.7	128.0864199	23.96
182.3	128.1192135	23.87	0.677	176.1	129.4377621	24.01
185.5	128.031795	23.94	0.749	184.3	128.0177548	24.09
191	128.8188092	23.98	0.747	190.9	128.7937914	24.13
195.7	130.4564935	24.04	0.724	192.8	129.3383252	24.2
192.3	129.1807975	24.08	0.905	192	129.0911795	24.24
193.7	129.6477719	24.15	0.633	182.8	128.0791994	24.33
194.6	129.9908531	24.23	0.764	187.5	128.180153	24.42
184.2	128.0191197	24.28	0.957	179.2	128.5866722	24.45
174.1	130.1961465	24.35	0.807	172.5	130.9247236	24.52
192.7	129.3060009	24.42	0.742	184.8	128.0167799	24.6
183.5	128.0395961	24.48	1.024	179.1	128.6080861	24.65
177.5	129.00522	24.53	0.986	172.7	130.8276183	24.67
166.4	134.7576487	24.61	0.767	164.8	136.0597477	24.75
181.1	128.2552218	24.68	1.005	176.5	129.3060009	24.81
168.3	133.3770516	24.73	1.047	159.3	141.5976893	24.84
167.1	134.2285045	24.77	1.086	164.3	136.4937737	24.88
184.2	128.0191197	24.85	0.607	177.1	129.120645	24.98
179.9	128.4479207	24.92	0.975	176.5	129.3060009	25.05
184.1	128.0208746	24.97	1.01	179.6	128.5050003	25.11
181	128.2691098	25	1.051	177.5	129.00522	25.11
189	128.3944101	25.02	1.327	184.5	128.016195	25.12
184.4	128.0167799	25.05	1.191	181.2	128.2417275	25.15
203.3	135.1505606	25.14	1.104	197.3	131.2265166	25.25
197.3	131.2265166	25.2	1.273	192.6	129.2740865	25.3
208.6	140.1309578	25.3	1.037	204	135.7219305	25.41
198.4	131.8211113	25.37	1.155	194.9	130.1127622	25.46
192.2	129.1505175	25.42	1.186	188.7	128.3444613	25.52
206.8	138.2655439	25.54	0.727	200.7	133.2418584	25.68
228.3	177.070287	25.7	0.704	222.1	161.3606366	25.84
216.1	150.1407104	25.87	0.988	217.7	152.8150171	26
222.3	161.7949854	25.9	1.447	222.2	161.577273	25.99
209.4	141.0213439	25.94	1.14	205.4	136.9410396	26.04
193.6	129.6117355	25.99	1.019	182.6	128.0940314	26.09
196.8	130.9739291	26.02	1.361	194.6	129.9908531	26.11
194.7	130.0310681	26.01	1.537	193.7	129.6477719	26.08
193.3	129.506112	25.97	1.469	191.1	128.8442293	26.02
190.7	128.7449612	25.95	1.293	187.3	128.1582717	26.01
184.2	128.0191197	25.99	1.6	182.1	128.1379589	26.05
187.8	128.2159189	25.99	1.792	188	128.2417275	26.03
204.1	135.8056071	25.96	1.919	204.7	136.3185854	25.98
209.4	141.0213439	26.01	1.487	212.1	144.3229273	26.02
200.4	133.042617	26.12	1.175	197.6	131.3833467	26.14
193.2	129.4717308	26.24	1.362	191.4	128.9229071	26.26
195	130.1542428	26.33	1.556	194.1	129.7960751	26.35
193.6	129.6117355	26.38	1.507	197.2	131.1751217	26.39
193.2	129.4717308	26.38	1.61	193.1	129.4377621	26.4
191.7	129.00522	26.4	2.005	194.9	130.1127622	26.4
191.4	128.9229071	26.41	2.02	193.2	129.4717308	26.39
200.8	133.3092177	26.42	1.967	201.9	134.0817512	26.39

1.025	186.7	128.1020341	132.0946806	Yes
1.073	183.6	128.0355004	132.820464	Yes
0.705	186.6	128.0940314	130.5347999	Yes
0.877	187.7	128.2036041	133.2352738	Yes
0.916	196.6	130.8759536	137.440673	Yes
0.851	199.4	132.4088779	140.6854929	Yes
0.894	196.6	130.8759536	136.9290367	Yes
0.756	199.9	132.7199372	131.6677458	Yes
0.926	193.4	129.5409061	132.6333223	Yes
1.064	185.6	128.0355004	131.3279622	Yes
0.797	180	128.4296876	130.5166923	Yes
0.818	190.6	128.7211479	132.5716675	Yes
1.176	182.2	128.1283904	133.5149445	Yes
1.112	181	128.2691098	131.093419	Yes
0.976	175.6	129.6117355	132.0960319	Yes
1.115	179.9	128.4479207	131.7058935	Yes
1.123	167.2	134.1548834	134.413503	Yes
1.097	172.4	130.9739291	132.8087983	Yes
0.804	184.3	128.0177548	130.1926394	Yes
1.041	184.6	128.016	129.4331118	Yes
1.121	187.1	128.1379589	131.6981278	Yes
1.273	181.6	128.1916822	130.4933148	Yes
1.487	188	128.2417275	133.2269393	Yes
1.363	191.2	128.870052	130.6474686	Yes
1.532	201.5	133.7940871	140.7067663	Yes
1.409	199	132.1683105	136.4132589	Yes
1.453	207.3	138.7650022	148.4090714	Yes
1.346	197.2	131.1751217	137.9400575	Yes
1.245	196	130.5924354	134.095709	Yes
0.737	206.7	138.1673439	142.734606	Yes
0.795	228	176.1911131	168.7652698	Yes
1.208	223.6	164.7258126	160.5574942	Yes
1.541	223.1	163.5761126	162.4377707	Yes
1.389	205.7	137.2158368	146.8458809	Yes
1.221	190.9	128.7937914	133.3962932	Yes
1.539	200.1	132.8476073	140.7604207	Yes
1.86	194.2	129.8341932	136.2427655	Yes
1.846	196.3	130.7322487	138.2211101	Yes
1.502	193.1	129.4377621	136.3212934	Yes
1.981	186.2	128.065931	132.9906977	Yes
2.172	189.9	128.565657	133.2597526	Yes
2.329	207.5	138.968767	149.1041133	Yes
1.85	213.3	145.9460296	151.2912438	Yes
1.323	202	134.1548834	140.4361951	Yes
1.642	198.4	131.8211113	136.8870421	Yes
1.761	198.8	132.0507649	137.1653538	Yes
1.785	201.1	133.514148	140.4069357	Yes
2.068	199.2	132.2876789	140.0763533	Yes
2.292	198.8	132.0507649	138.7419761	Yes
2.427	197.8	131.490113	138.1432562	Yes
2.125	206.5	137.9726212	145.5850991	Yes

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9/12/2019	08:32	27.18	1.153
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9/12/2019	08:34	27.34	1.153
9/12/2019	08:35	27.4	1.536
9/12/2019	08:36	27.38	1.706
9/12/2019	08:37	27.42	1.559
9/12/2019	08:38	27.49	1.118
9/12/2019	08:39	27.6	1.109
9/12/2019	08:40	27.63	1.654
9/12/2019	08:41	27.64	1.312
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9/12/2019	08:44	27.96	1.039
9/12/2019	08:45	28.05	1.375
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9/12/2019	08:47	28	1.64
9/12/2019	08:48	27.99	1.529
9/12/2019	08:49	28.03	1.333
9/12/2019	08:50	28.08	1.726
9/12/2019	08:51	28.08	1.813
9/12/2019	08:52	28.07	1.67
9/12/2019	08:53	28.07	1.882
9/12/2019	08:54	27.99	1.764
9/12/2019	08:55	28.02	1.423
9/12/2019	08:56	28.09	1.626
9/12/2019	08:57	28.15	1.857
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9/12/2019	08:59	28.23	1.441
9/12/2019	09:00	28.33	1.511
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9/12/2019	09:02	28.59	1.267
9/12/2019	09:03	28.64	1.771
9/12/2019	09:04	28.65	1.173
9/12/2019	09:05	28.72	1.512
9/12/2019	09:06	28.66	0.979
9/12/2019	09:07	28.76	1.329
9/12/2019	09:08	28.85	1.012
9/12/2019	09:09	29.08	1.338
9/12/2019	09:10	29.21	1.175
9/12/2019	09:11	29.3	1.11
9/12/2019	09:12	29.4	0.906
9/12/2019	09:13	29.5	1.213
9/12/2019	09:14	29.46	1.137
9/12/2019	09:15	29.57	0.833
9/12/2019	09:16	29.69	0.995
9/12/2019	09:17	29.7	0.883
9/12/2019	09:18	29.69	1.469
9/12/2019	09:19	29.73	1.083
9/12/2019	09:20	29.82	0.814

229.7	181.3587702	26.98	1.58
226.5	171.9924951	27.06	1.28
217.9	153.1644801	27.21	1.283
212.5	144.8528837	27.27	1.322
220.7	158.4376272	27.39	1.096
234.6	187.8032029	27.44	1.649
230.4	183.6236488	27.39	1.732
237.1	181.3386201	27.42	1.487
241	172.724134	27.48	1.192
216.8	151.2846063	27.62	1.278
229.4	180.4133026	27.65	1.705
237.2	181.0963649	27.65	1.463
244.1	166.9692794	27.73	0.982
227	173.356455	27.86	1.185
219.7	156.470139	28	1.103
213.7	146.5095784	28.11	1.504
226.9	173.0808789	28.05	1.59
238.2	178.7386118	28.02	1.596
260.8	148.1418203	28.01	1.534
252.4	155.3841351	28.04	1.241
246.1	163.7036852	28.09	1.736
238.9	177.156161	28.07	1.897
235.1	186.4450707	28.03	1.621
243.8	167.4881453	28.03	1.913
234.9	186.9842516	27.93	1.947
244	167.1413681	27.96	1.665
233.1	192.0882584	28.05	1.79
236.4	183.0684457	28.1	1.739
251.5	156.4059988	28.15	1.816
241.8	171.1531239	28.18	1.555
240.4	173.943875	28.27	1.635
246.2	163.5489495	28.39	1.233
229.9	181.9973899	28.55	1.438
225.2	168.6037636	28.59	1.93
244.6	166.1216858	28.58	1.391
230.9	185.293471	28.64	1.631
237.1	181.3386201	28.57	1.117
231	185.6327901	28.69	1.515
227.3	174.1916691	28.78	1.117
228.1	176.4826621	29.04	1.341
209.4	141.0213439	29.17	1.412
228.8	178.5661959	29.27	1.452
244.3	166.6276829	29.36	0.973
257.4	150.6007104	29.47	1.324
226.5	171.9924951	29.4	1.516
215.7	149.5047542	29.49	0.93
219.6	156.2786798	29.64	1.376
238.3	178.509184	29.66	1.087
241.1	172.5243387	29.64	1.581
248.5	160.201762	29.67	1.109
249.2	159.2604663	29.77	0.815

209	140.5713153	26.59	1.742
204.4	136.0597477	26.68	1.56
194.2	129.8341932	26.81	1.614
190.4	128.6747234	26.85	1.563
202.5	134.5279034	26.96	1.253
212.6	144.9870876	26.99	1.736
208.1	139.5939084	26.95	2.106
214.1	147.0846926	27.01	1.555
218.6	154.4151969	27.07	1.395
195.8	130.5013785	27.2	1.798
201.8	134.0091067	27.23	2.081
209.4	141.0213439	27.22	1.832
211.5	143.5482783	27.32	1.315
204.3	135.9745142	27.43	1.518
194.2	129.8341932	27.55	1.379
190.2	128.6298991	27.64	1.988
202.9	134.8352272	27.59	2.273
216.6	150.9537025	27.58	1.901
230.7	184.6202228	27.59	1.769
226.6	172.2625195	27.64	1.598
223.6	164.7258126	27.69	2.12
215.8	149.6625543	27.68	2.243
209.7	141.3652945	27.63	1.965
217.1	151.7871691	27.63	2.382
208.4	139.914364	27.55	2.095
216.9	151.4512959	27.62	1.937
207.1	138.5635199	27.7	2.253
213.6	146.3676144	27.73	2.112
230.8	184.9559525	27.79	2.209
215.1	148.5743588	27.82	2.026
215.1	148.5743588	27.91	1.782
215.9	149.8211447	28.01	1.654
201.3	133.6531567	28.17	1.912
200.1	132.8476073	28.19	2.336
218.3	153.8738695	28.17	1.886
207.8	139.278727	28.21	1.808
208.2	139.7001382	28.16	1.492
198.6	131.9350344	28.27	1.849
204.2	135.8898012	28.37	1.404
200.4	133.042617	28.63	1.564
186.1	128.0598829	28.72	1.597
203.5	135.3112579	28.82	1.674
220.4	157.837148	28.91	1.331
230.5	183.9540825	29.02	1.723
199.8	132.6567999	28.93	1.672
193	129.4042052	29.04	1.221
191	128.8188092	29.14	1.646
212.7	145.1219829	29.15	1.581
217.7	152.8150171	29.15	1.598
224.8	167.6049563	29.18	1.223
228.1	176.4826621	29.28	0.862

198.4	131.8211113	26.44	1.971	202	134.1548834	26.41
199.3	132.3480491	26.51	1.587	201.1	133.514148	26.5
190	128.5866722	26.64	1.64	188.7	128.3444613	26.63
188	128.2417275	26.67	1.689	181.3	128.2286266	26.63
196.8	130.9739291	26.77	1.45	196.4	130.7797169	26.73
203.4	135.2306555	26.78	2.024	210.7	142.5524154	26.71
199.3	132.3480491	26.75	2.253	203.6	135.3923691	26.66
208.9	140.4603245	26.83	1.86	209.7	141.3652945	26.77
212.4	144.7193684	26.88	1.601	218.5	154.2338617	26.82
190.6	128.7211479	27.02	1.685	184.9	128.0177548	26.97
194	129.7583745	27.05	2.256	195.8	130.5013785	26.99
200	132.7835393	27.04	1.849	202.2	134.3026158	26.94
209.1	140.6829105	27.12	1.359	214.2	147.2303008	27.03
196.4	130.7797169	27.22	1.575	199.7	132.5941263	27.12
192.7	129.3060009	27.33	1.51	188	128.2417275	27.25
187.4	128.1690162	27.43	2.003	185.8	128.0440822	27.32
196.7	130.9247236	27.37	2.231	198.5	131.8778474	27.25
210.3	142.0699862	27.36	2.16	213.4	146.0858429	27.24
227.1	173.6334397	27.38	2.073	226.8	172.8067032	27.25
219.9	156.8559046	27.42	1.676	221.3	159.6656133	27.29
218.2	153.695204	27.47	2.321	219.3	155.7099409	27.32
208.9	140.4603245	27.46	2.387	210.8	142.6746234	27.32
206.2	137.6847037	27.41	2.159	207.1	138.5635199	27.28
208.5	140.0223639	27.42	2.688	211	142.9209771	27.26
201.4	133.7233811	27.35	2.551	206.1	137.5898354	27.2
208.3	139.8069561	27.44	2.152	210.1	141.8325805	27.33
198.1	131.6535994	27.52	2.331	199.5	132.4701664	27.38
205.8	137.3085186	27.54	2.368	208.7	140.2401479	27.4
221.4	159.8738411	27.6	2.447	222.9	163.1241775	27.46
206.3	137.780123	27.63	2.149	208.5	140.0223639	27.5
206.3	137.780123	27.69	2.137	211.5	143.5482783	27.53
206.1	137.5898354	27.78	1.716	210.2	141.9509679	27.64
191	128.8188092	27.95	1.884	193.9	129.7210908	27.84
195	130.1542428	27.96	2.559	195.6	130.4120364	27.81
211.2	143.1699306	27.94	1.92	209.1	140.6829105	27.77
198	131.5986579	27.97	2.105	202.9	134.8352272	27.8
198.8	132.0507649	27.91	1.522	203.1	134.9918873	27.75
191.8	129.0334674	28.02	2.059	193.5	129.5761138	27.86
201.6	133.8652759	28.11	1.452	192.8	129.3383252	27.96
196.7	130.9247236	28.37	1.859	192.7	129.3060009	28.22
185.4	128.0284797	28.43	1.987	178.6	128.7211479	28.28
197.4	131.2783518	28.52	1.89	195.3	130.2812262	28.35
213.3	145.9460296	28.61	1.291	209.9	141.5976893	28.45
224.5	166.8688935	28.7	1.737	223.2	163.8037704	28.52
196	130.5924354	28.6	1.975	190.7	128.7449612	28.4
191.6	128.9773778	28.73	1.334	181.4	128.2159189	28.55
184.5	128.016195	28.8	1.915	182	128.1479193	28.57
206.8	138.2655439	28.82	1.405	199.5	132.4701664	28.62
215.9	149.8211447	28.86	2.11	213.7	146.5095784	28.68
224	165.6664139	28.86	1.421	219.3	155.7099409	28.71
229	179.1755005	28.95	1.006	222.7	162.6767095	28.81

2.265	204	135.7219305	144.7256021	Yes
1.94	205.7	137.2158368	142.2260553	Yes
1.99	195.8	130.5013785	134.0862371	Yes
1.975	190.9	128.7937914	131.7583505	Yes
1.741	202.3	134.3772185	137.819279	Yes
2.277	209.9	141.5976893	150.4342102	Yes
2.683	205.8	137.3085186	145.6532988	Yes
2.029	213.3	145.9460296	151.2389923	Yes
1.839	217.3	152.1263931	155.6437908	Yes
1.945	192.4	129.2114853	133.5472746	Yes
2.57	198.7	131.9926732	141.3349671	Yes
2.308	205.3	136.8505178	145.2108763	Yes
1.847	212.8	145.2575724	148.7376683	Yes
1.957	202.2	134.3026158	141.4014856	Yes
1.746	196.7	130.9247236	134.9553568	Yes
2.487	193.6	129.6117355	132.1928623	Yes
2.821	201.7	133.9369487	140.9311252	Yes
2.457	215.1	148.5743588	153.2845004	Yes
2.37	229.9	181.9973899	172.2399152	Yes
2.154	223.9	165.4295013	161.9195348	Yes
2.77	221.3	159.6656133	159.5000512	Yes
2.817	212	144.1921397	150.8291606	Yes
2.511	211.3	143.2953883	149.4707954	Yes
3.125	214.1	147.0846926	149.8606696	Yes
2.734	208.5	140.0223639	147.6468392	Yes
2.441	212.3	144.586539	148.9637479	Yes
2.709	203.1	134.9918873	145.9534863	Yes
2.748	212.6	144.9870876	150.3943628	Yes
2.785	225.7	169.8808638	166.8481668	Yes
2.527	209.6	141.2500277	147.7559994	Yes
2.373	213.6	146.3676144	150.0428499	Yes
2.089	214.2	147.2303008	148.0282396	Yes
2.098	196.1	130.6386087	140.9658111	Yes
3.019	199.8	132.6567999	138.93489	Yes
2.385	214.7	147.9694733	150.3635739	Yes
2.12	206.7	138.1673439	145.8346854	Yes
1.837	204.1	135.8056071	144.7774035	Yes
2.324	196.8	130.9739291	141.430267	Yes
1.732	201.1	133.514148	141.3598439	Yes
2.03	198.4	131.8211113	140.315423	Yes
2.093	184.6	128.016	130.7693709	Yes
2.056	200.4	133.042617	141.6959298	Yes
1.517	218.7	154.5974305	153.3211961	Yes
2.225	221.7	160.5047386	165.1464391	Yes
2.141	197	131.0736496	139.0120682	Yes
1.492	191.1	128.8442293	132.9892971	Yes
2.267	187.2	128.1479193	133.8819045	Yes
1.962	208.1	139.5939084	146.7921571	Yes
2.023	219.1	155.335435	155.4011028	Yes
1.556	219.2	155.5222256	160.9410597	Yes
1.087	239.7	175.4133646	170.6017406	Yes

9/12/2019	09:21	29.89	0.487
9/12/2019	09:22	29.9	1.082
9/12/2019	09:23	29.97	0.852
9/12/2019	09:24	30.01	0.954
9/12/2019	09:25	30.11	0.893
9/12/2019	09:26	30.2	0.68
9/12/2019	09:27	30.33	0.734
9/12/2019	09:28	30.39	0.712
9/12/2019	09:29	30.51	0.74
9/12/2019	09:30	30.57	0.742
9/12/2019	09:31	30.6	0.628
9/12/2019	09:32	30.64	0.908
9/12/2019	09:33	30.69	1.153
9/12/2019	09:34	30.61	1.228
9/12/2019	09:35	30.49	0.958
9/12/2019	09:36	30.43	0.859
9/12/2019	09:37	30.46	0.908
9/12/2019	09:38	30.67	0.937
9/12/2019	09:39	30.72	1.081
9/12/2019	09:40	30.7	0.673
9/12/2019	09:41	30.8	0.852
9/12/2019	09:42	30.94	0.762
9/12/2019	09:43	30.98	1.107
9/12/2019	09:44	30.86	0.847
9/12/2019	09:45	30.74	0.698
9/12/2019	09:46	30.73	0.767
9/12/2019	09:47	30.85	0.857
9/12/2019	09:48	31.06	1.01
9/12/2019	09:49	31.17	1.079
9/12/2019	09:50	31.28	1.013
9/12/2019	09:51	31.44	1.332
9/12/2019	09:52	31.4	1.463
9/12/2019	09:53	31.25	1.594
9/12/2019	09:54	31.06	1.512
9/12/2019	09:55	31.03	1.502
9/12/2019	09:56	30.91	1.121
9/12/2019	09:57	30.99	0.523
9/12/2019	09:58	31.22	0.791
9/12/2019	09:59	31.51	1.283
9/12/2019	10:00	31.61	1.147
9/12/2019	10:01	31.68	1.336
9/12/2019	10:02	31.55	1.061
9/12/2019	10:03	31.54	1.318
9/12/2019	10:04	31.54	0.896
9/12/2019	10:05	31.63	0.797
9/12/2019	10:06	31.71	1.127
9/12/2019	10:07	31.79	1.042
9/12/2019	10:08	31.81	1.354
9/12/2019	10:09	31.79	1.43
9/12/2019	10:10	31.8	1.153
9/12/2019	10:11	31.9	1.312

280	144.5069269	29.91	0.55
264.2	146.2685776	29.96	1.207
228	176.1911131	29.96	1.05
217.9	153.1644801	29.96	1.048
233.2	191.7923969	30.04	0.907
235.1	186.4450707	30.14	0.736
239.5	175.8426324	30.3	0.82
267.2	145.0738969	30.4	0.752
256.3	151.5291125	30.51	0.853
269.3	144.4833098	30.57	0.772
302.9	163.3950032	30.64	0.744
282.2	145.1405816	30.68	1.13
278.7	144.234728	30.7	1.217
267.8	144.8847909	30.58	1.231
263.7	146.5088075	30.42	1.145
279.1	144.310461	30.37	1.034
258.8	149.5145601	30.39	0.971
260.2	148.5320061	30.61	0.916
277.6	144.0630334	30.67	1.239
278.4	144.18259	30.66	0.811
262.2	147.3018158	30.76	0.995
238.9	177.156161	30.87	0.887
255	152.7142528	30.86	1.138
279.3	144.3509966	30.76	0.918
297.9	156.6401729	30.7	0.802
314.5	192.5757179	30.71	0.832
274.5	143.8658191	30.87	0.962
216.3	150.4634796	31.04	1.26
243.3	168.3704292	31.13	1.325
245.1	165.2951784	31.21	1.19
240.5	173.7380647	31.36	1.539
250.1	158.1007946	31.31	1.723
246.5	163.0894665	31.12	1.785
241.4	171.9308504	30.95	1.825
230.7	184.6202228	30.88	2.02
258.8	149.5145601	30.75	1.272
237.2	181.0963649	30.87	0.641
228.6	177.9631823	31.14	0.871
274.8	143.8664765	31.45	1.528
266.2	145.4256783	31.57	1.371
246.1	163.7036852	31.6	1.635
253.2	154.5187706	31.4	1.192
247.7	161.3209223	31.41	1.481
215.8	149.6625543	31.4	0.996
240.3	174.1507045	31.49	1.023
241.9	170.9610894	31.58	1.303
259.2	149.2234061	31.66	1.409
275.5	143.8833505	31.74	1.431
256.1	151.7051686	31.71	1.641
235.2	186.1774937	31.66	1.394
222.1	161.3606366	31.77	1.538

264.5	146.1301527	29.43	0.767
236.6	182.5680669	29.45	1.529
203.4	135.2306555	29.44	1.131
192.9	129.3710598	29.41	1.195
215	148.4219956	29.48	0.975
207.5	138.968767	29.56	0.832
212.4	144.7193684	29.72	0.874
240.9	172.92492	29.85	0.863
236.5	182.8176355	29.96	0.896
251.2	156.7582401	30.03	0.92
277.4	144.0375611	30.07	0.929
262.7	147.0253234	30.12	1.379
255.3	152.4321413	30.16	1.351
243.8	167.4881453	30.07	1.438
247.5	161.6081001	29.93	1.396
252.3	155.4951241	29.88	1.259
244.5	166.2895033	29.93	1.115
234	189.4785153	30.15	1.041
252.1	155.7190033	30.16	1.513
255.7	152.0640803	30.15	1.033
234.9	186.9842516	30.23	1.178
223.3	164.0325631	30.35	0.965
235.1	186.4450707	30.3	1.223
257.2	150.7645356	30.17	1.142
275.1	143.8710782	30.08	1.106
289.2	148.6661534	30.08	0.984
248.5	160.201762	30.27	0.973
197.8	131.490113	30.43	1.243
223.4	164.2624968	30.51	1.474
224.9	167.8527808	30.61	1.179
218.5	154.2338617	30.72	1.802
225.4	169.1107479	30.71	1.905
225.4	169.1107479	30.53	1.827
217.9	153.1644801	30.4	1.856
208.2	139.7001382	30.34	2.123
236.6	182.5680669	30.21	1.378
209.9	141.5976893	30.35	0.708
208.1	139.5939084	30.61	0.898
254.8	152.9052402	30.88	1.651
241.3	172.1277015	31	1.552
221.4	159.8738411	31.02	1.876
227.3	174.1916691	30.83	1.174
226.1	170.9259926	30.83	1.652
196.4	130.7797169	30.85	1.243
223	163.3495837	30.95	1.226
221.2	159.4584123	31.01	1.368
237.2	181.0963649	31.11	1.624
254.6	153.0985737	31.2	1.687
229.6	181.0419634	31.17	1.692
208	139.4882645	31.13	1.517
200.2	132.9121422	31.22	1.718

260.4	148.3999072	29.1	0.712	256.4	151.441929	28.98
228.1	176.4826621	29.11	1.534	227.2	173.9118416	29.02
202.8	134.7576487	29.08	1.324	197	131.0736496	28.93
189.6	128.5050003	29.05	1.394	187.6	128.1916822	28.87
208.2	139.7001382	29.1	1.163	208.2	139.7001382	28.93
205.7	137.2158368	29.18	0.992	201.5	133.7940871	29
207.8	139.278727	29.32	1.002	203.7	135.4739906	29.15
240	174.7773583	29.44	0.93	230.5	183.9540825	29.27
234.9	186.9842516	29.54	1.022	231.9	188.7697038	29.37
245	165.4588142	29.58	0.968	241	172.724134	29.35
274.9	143.8675721	29.61	0.861	268.9	144.580468	29.44
261.2	147.8918251	29.66	1.405	251.4	156.5227599	29.52
253	154.7313813	29.74	1.513	245	165.4588142	29.53
239.4	176.0588609	29.67	1.56	238.2	178.7386118	29.47
243.6	167.8384137	29.54	1.474	239.4	176.0588609	29.34
246.8	162.6370044	29.49	1.293	243.6	167.8384137	29.28
243.6	167.8384137	29.54	1.226	235.1	186.4450707	29.36
234.1	189.1957803	29.73	1.061	225.3	168.856618	29.53
250.9	157.1163888	29.74	1.663	247.5	161.6081001	29.5
253.2	154.5187706	29.72	0.996	248	160.8957315	29.51
233.7	190.3353042	29.8	1.102	225.6	169.6228634	29.61
228.3	177.070287	29.93	1.061	222.9	163.1241775	29.75
232.1	189.4876488	29.89	1.517	233.5	190.9137326	29.65
253.8	153.8956445	29.76	1.174	250.1	158.1007946	29.51
273.5	143.8921176	29.63	1.049	267.6	144.9460055	29.45
290.9	149.8904009	29.64	0.924	283.8	145.7403654	29.56
248.4	160.3391006	29.85	1.046	240.2	174.3585583	29.8
194	129.7583745	29.99	1.569	190.9	128.7937914	29.88
219.6	156.2786798	30.07	1.61	213.3	145.9460296	29.92
217	151.6188155	30.2	1.335	211.8	143.9325875	30.03
220.5	158.0363201	30.31	1.923	214.3	147.3766469	30.13
223.8	165.1937679	30.3	2.26	217.2	151.9563603	30.04
224.6	167.1130196	30.13	2.287	217.1	151.7871691	29.87
212.6	144.9870876	30.02	2.314	207	138.4636301	29.74
203.9	135.6387698	29.99	2.504	200.7	133.2418584	29.73
233.2	191.7923969	29.86	1.551	227.1	173.6334397	29.61
207.6	139.0715101	29.98	0.732	199.6	132.5319155	29.78
208	139.4882645	30.25	0.995	195.8	130.5013785	30.1
248.9	159.6596036	30.52	1.862	242.3	170.2024087	30.38
241.2	172.3255294	30.62	1.589	232.5	190.9470722	30.45
216.1	150.1407104	30.65	2.004	210.5	142.3099249	30.43
224.4	166.6259865	30.46	1.374	218.7	154.5974305	30.24
222.6	162.4546358	30.47	1.886	217.7	152.8150171	30.25
195.7	130.4564935	30.49	1.229	187.4	128.1690162	30.23
218.2	153.695204	30.58	1.254	206.9	138.3643054	30.29
216.9	151.4512959	30.63	1.473	210.1	141.8325805	30.38
237.2	181.0963649	30.75	1.667	231.8	188.4136263	30.54
253.7	153.9979779	30.85	1.703	247.2	162.0444998	30.65
224.9	167.8527808	30.8	1.954	221.6	160.2933984	30.56
202.9	134.8352272	30.76	1.715	197.2	131.1751217	30.55
193.1	129.4377621	30.89	1.888	191.1	128.8442293	30.68

0.925	262.1	147.3585869	147.5675005	Yes
1.882	226.9	173.0808789	170.4624054	Yes
1.585	199.6	132.5319155	141.9569965	Yes
1.552	195.8	130.5013785	133.9467202	Yes
1.358	210.2	141.9509679	152.3131274	Yes
0.992	202	134.1548834	146.115729	Yes
1.023	210.5	142.3099249	147.5249287	Yes
1.035	235.9	184.3413566	172.2143229	Yes
1.121	239.7	175.4133646	177.1028136	Yes
1.19	245.4	164.8092124	160.8467421	Yes
1.065	278.9	144.2717056	148.030462	Yes
1.839	255.5	152.2469608	149.7654902	Yes
1.881	250.4	157.7265948	154.9167319	Yes
1.779	243.9	167.3143222	166.8969462	Yes
1.824	247.5	161.6081001	162.7244564	Yes
1.58	247.1	162.1914802	158.4944967	Yes
1.42	240	174.7773583	168.9729812	Yes
1.348	230.3	183.2949574	175.8715754	Yes
1.931	253.3	154.4133891	154.5839829	Yes
1.17	252	155.8318976	153.498614	Yes
1.388	228.9	178.8700569	174.6228584	Yes
1.238	243.1	168.7295603	170.0225498	Yes
1.737	240.5	173.7380647	178.6597539	Yes
1.404	254.6	153.0985737	152.042109	Yes
1.367	273.4	143.897159	146.6493066	Yes
1.105	293.9	152.4321413	157.8609558	Yes
1.419	246.9	162.4877295	160.2505939	Yes
1.748	194.6	129.9908531	134.0993223	Yes
1.84	222.2	161.577273	159.2869817	Yes
1.479	217.1	151.7871691	156.0973063	Yes
2.388	218.8	154.7805667	157.633092	Yes
2.633	222.3	161.7949854	161.2313312	Yes
2.407	221	159.0470698	162.0294946	Yes
2.567	210.6	142.43085	150.1953797	Yes
2.89	204.3	135.9745142	145.8351007	Yes
1.787	230.6	184.28627	176.3589467	Yes
0.867	209.5	141.1353782	147.0865716	Yes
1.069	203.2	135.0709716	144.5235411	Yes
1.998	250.5	157.6032138	156.8473886	Yes
2.044	238.3	178.509184	171.8670331	Yes
2.381	214.7	147.9694733	152.799527	Yes
1.523	221.1	159.2522329	161.8372179	Yes
2.267	222.4	162.0137796	161.9060695	Yes
1.75	193.6	129.6117355	133.7359033	Yes
1.672	210.6	142.43085	154.3981295	Yes
1.51	211.2	143.1699306	153.3746617	Yes
2.13	240.7	173.3294827	174.631849	Yes
2.017	251.9	155.945431	153.7939666	Yes
2.189	223.8	165.1937679	165.2174158	Yes
1.885	201.6	133.8652759	145.1082766	Yes
2.34	197.6	131.3833467	136.7876233	Yes

9/12/2019	10:12	31.88	1.857
9/12/2019	10:13	31.86	1.753
9/12/2019	10:14	31.84	1.265
9/12/2019	10:15	31.88	1.591
9/12/2019	10:16	31.87	1.231
9/12/2019	10:17	31.91	0.842
9/12/2019	10:18	32.01	1.374
9/12/2019	10:19	32.09	1.159
9/12/2019	10:20	32.26	1.037
9/12/2019	10:21	32.24	1.688
9/12/2019	10:22	32.13	1.679
9/12/2019	10:23	31.94	0.977
9/12/2019	10:24	32	1.272
9/12/2019	10:25	32.16	0.83
9/12/2019	10:26	32.19	1.356
9/12/2019	10:27	32.07	0.958
9/12/2019	10:28	32.23	0.931
9/12/2019	10:29	32.38	1.021
9/12/2019	10:30	32.37	1.844
9/12/2019	10:31	32.32	1.463
9/12/2019	10:32	32.36	1.587
9/12/2019	10:33	32.33	1.145
9/12/2019	10:34	32.44	0.917
9/12/2019	10:35	32.37	0.849
9/12/2019	10:36	32.46	1.322
9/12/2019	10:37	32.48	1.432
9/12/2019	10:38	32.51	1.142
9/12/2019	10:39	32.61	1.364
9/12/2019	10:40	32.73	1.199
9/12/2019	10:41	32.84	1.024
9/12/2019	10:42	32.88	1.368
9/12/2019	10:43	32.94	1.125
9/12/2019	10:44	32.98	1.309
9/12/2019	10:45	32.95	1.077
9/12/2019	10:46	33.04	1.32
9/12/2019	10:47	33.04	1.056
9/12/2019	10:48	33.05	1.515
9/12/2019	10:49	32.97	1.37
9/12/2019	10:50	32.89	1.125
9/12/2019	10:51	32.99	1.381
9/12/2019	10:52	33.08	1.316
9/12/2019	10:53	33.02	0.673
9/12/2019	10:54	33.1	0.51
9/12/2019	10:55	33.21	1.007
9/12/2019	10:56	33.38	0.902
9/12/2019	10:57	33.58	1.241
9/12/2019	10:58	33.43	0.898
9/12/2019	10:59	33.48	0.537
9/12/2019	11:00	33.55	0.75
9/12/2019	11:01	33.57	1.262
9/12/2019	11:02	33.51	1.739

249.3	159.1288318	31.77	1.915
232.5	190.9470722	31.7	1.805
258.4	149.8141685	31.71	1.413
247.5	161.6081001	31.79	1.504
279.7	144.4374183	31.79	1.341
277	143.9919054	31.88	0.953
254.3	153.3930028	31.97	1.717
268.7	144.6317408	32.01	1.311
270.9	144.1660972	32.21	1.244
246.1	163.7036852	32.18	1.954
274.5	143.8658191	32.03	1.794
279.1	144.310461	31.82	1.194
247.2	162.0444998	31.91	1.419
252.4	155.3841351	32.02	1.072
293.1	151.7051686	32.11	1.454
272.8	143.936624	31.97	1.071
291.3	150.2006904	32.13	0.968
284.8	146.17582	32.31	1.157
261.4	147.7698413	32.3	2.093
258.4	149.8141685	32.2	1.648
277.7	144.0764313	32.21	1.855
266.6	145.2794496	32.17	1.271
269	144.5555056	32.29	1.11
264.4	146.17582	32.28	0.975
285.3	146.4112828	32.35	1.45
285.2	146.3632375	32.38	1.447
290	149.2234061	32.41	1.319
285	146.2685776	32.48	1.436
252.1	155.7190033	32.6	1.284
249.6	158.7381263	32.71	1.2
235.7	184.8594495	32.7	1.42
229.9	181.9973899	32.76	1.185
218.9	154.96461	32.8	1.486
235.3	185.9112491	32.74	1.23
261.3	147.8305829	32.87	1.397
265.4	145.7403654	32.87	1.166
235.3	185.9112491	32.86	1.734
260.4	148.3999072	32.8	1.378
281	144.7678047	32.74	1.236
294	152.5255981	32.85	1.259
290	149.2234061	32.97	1.61
278.8	144.2529947	32.92	0.826
304.2	165.4588142	33.04	0.656
289.3	148.733998	33.19	1.053
285.3	146.4112828	33.33	0.978
246	163.8592137	33.5	1.66
214.4	147.5237341	33.3	1.249
211	142.9209771	33.37	0.673
211.6	143.6757156	33.47	1.035
227.7	175.3254093	33.48	1.36
233.7	190.3353042	33.37	2.007

225.6	169.6228634	31.25	2.222
211.3	143.2953883	31.16	1.931
234.3	188.6345537	31.17	1.672
226.8	172.8067032	31.24	1.458
253.7	153.9979779	31.24	1.561
254.3	153.3930028	31.31	1.028
230.3	183.2949574	31.39	1.97
237.7	179.9029136	31.43	1.397
242.6	169.6432085	31.63	1.389
227.7	175.3254093	31.57	2.142
246.6	162.9378699	31.41	2.098
258.2	149.967168	31.23	1.482
225.8	170.1401693	31.32	1.533
238.5	178.0537144	31.4	1.269
265.4	145.7403654	31.45	1.814
248.9	159.6596036	31.32	1.282
267.4	145.0090396	31.49	1.157
261.8	147.531862	31.65	1.386
236.3	183.3205043	31.66	2.62
234.3	188.6345537	31.62	1.959
244.7	165.9547117	31.67	2.244
244.2	166.7980522	31.6	1.533
245.3	164.9703808	31.71	1.369
238.6	177.8276612	31.69	1.147
263.8	146.4598058	31.73	1.874
267	145.1405816	31.73	1.795
267.9	144.8548646	31.79	1.841
266.1	145.4633897	31.88	1.898
227.9	175.9010607	32.01	1.423
225.5	169.3661605	32.13	1.235
214.7	147.9694733	32.07	1.812
196.2	130.6852129	32.11	1.508
193.8	129.6842235	32.13	1.953
209.3	140.9079226	32.04	1.487
241	172.724134	32.2	1.729
251.3	156.6401729	32.2	1.59
215.1	148.5743588	32.17	2.174
241.9	170.9610894	32.14	1.857
258.1	150.0444711	32.12	1.607
266.9	145.1746105	32.27	1.71
264.2	146.2685776	32.39	2.102
266.4	145.3516416	32.33	1.034
279.2	144.3305061	32.44	0.917
262.2	147.3018158	32.54	1.412
260.6	148.2698482	32.72	1.186
218.4	154.0534207	32.9	2.194
188.2	128.2691098	32.66	1.72
180.8	128.2980674	32.72	0.806
184	128.0230196	32.74	1.474
199.2	132.2876789	32.74	1.714
212.7	145.1219829	32.62	2.5

222.1	161.3606366	30.92	2.412	216.3	150.4634796	30.7
210.3	142.0699862	30.84	2.263	203.6	135.3923691	30.58
232.9	192.4386028	30.85	1.742	225	168.1018522	30.58
224.8	167.6049563	30.9	1.834	218.4	154.0534207	30.59
253.8	153.8956445	30.89	1.652	244.3	166.6276829	30.63
247.1	162.1914802	30.91	1.132	242.9	169.0922914	30.68
225	168.1018522	31	2.123	220.8	158.6397721	30.77
235.2	186.1774937	31.01	1.574	225.8	170.1401693	30.73
241	172.724134	31.21	1.479	235.5	185.382728	30.95
221.8	160.717127	31.17	2.353	219.1	155.335435	30.86
242.5	169.8286827	31.02	2.304	236.6	182.5680669	30.68
255.4	152.3392627	30.83	1.502	249.7	158.6092822	30.53
224.8	167.6049563	30.91	1.819	218.6	154.4151969	30.64
237.5	180.3767538	30.99	1.324	228.6	177.9631823	30.71
261.4	147.7698413	31.02	1.899	256.2	151.6168585	30.73
244.5	166.2895033	30.88	1.318	241.9	170.9610894	30.6
268.7	144.6317408	31.05	1.139	262.4	147.1897488	30.8
257.3	150.682349	31.22	1.257	251.6	156.2898875	30.97
228	176.1911131	31.25	2.666	226.9	173.0808789	30.95
232.2	189.8495428	31.2	2.044	225.6	169.6228634	30.86
241.1	172.5243387	31.29	2.346	236.6	182.5680669	31
242	170.7700049	31.2	1.668	236.3	183.3205043	30.82
240.5	173.7380647	31.29	1.371	236.6	182.5680669	30.94
233.8	190.048269	31.27	1.137	229.1	179.4825368	30.93
264.3	146.2219614	31.29	1.903	255.6	152.1552339	31
266.5	145.3153153	31.28	1.955	258.7	149.5886665	30.91
265.6	145.6589028	31.36	1.737	260.4	148.3999072	31.01
267.8	144.8847909	31.47	1.813	257.4	150.6007104	31.1
222.6	162.4546358	31.61	1.517	221.9	160.9305691	31.25
220.5	158.0363201	31.74	1.363	219.8	156.6625457	31.42
206.9	138.3643054	31.65	1.803	202.4	134.4523139	31.29
207.7	139.1748294	31.67	1.539	180.5	128.3444613	31.31
191.3	128.8962779	31.7	1.839	190.1	128.6080861	31.32
205.1	136.6710803	31.58	1.624	200.3	132.977145	31.15
238.4	178.2808867	31.74	1.76	232.5	190.9470722	31.28
245	165.4588142	31.73	1.451	240	174.7773583	31.35
208.9	140.4603245	31.72	2.111	205.5	137.032099	31.34
239.8	175.2003149	31.73	1.71	234	189.4785153	31.42
254.3	153.3930028	31.71	1.537	248.2	160.6159553	31.44
268	144.8253918	31.86	1.611	261	148.0158154	31.58
260.9	148.0785655	31.97	2.053	255.5	152.2469608	31.63
267.8	144.8847909	31.88	0.921	262.6	147.0796431	31.52
270.5	144.234728	31.97	0.784	258	150.1223115	31.69
259.1	149.2954063	32.07	1.311	253.3	154.4133891	31.76
263.5	146.6082498	32.26	1.124	253.8	153.8956445	32.01
212.4	144.7193684	32.46	2.168	207.9	139.3832047	32.13
182.1	128.1379589	32.22	1.526	174.8	129.9116845	31.88
185.3	128.0255546	32.28	0.765	184.3	128.0177548	31.99
175.3	129.7210908	32.28	1.359	176.2	129.4042052	31.95
191.1	128.8442293	32.26	1.581	189.7	128.5248214	31.93
205.8	137.3085186	32.16	2.571	204.9	136.4937737	31.81

2.926	218.9	154.96461	159.1080843	Yes
2.57	209.7	141.3652945	150.6140221	Yes
2.207	232.3	190.2134023	177.8405159	Yes
2.021	223.3	164.0325631	164.0211487	Yes
2.014	251.5	156.4059988	155.0729445	Yes
1.292	248.6	160.0651457	157.7467651	Yes
2.515	226	170.6627261	166.8184621	Yes
1.844	230.8	184.9559525	173.161654	Yes
1.731	242.8	169.2750169	168.2382369	Yes
2.85	222.6	162.4546358	163.5072585	Yes
2.767	240.5	173.7380647	166.5877007	Yes
1.932	258.1	150.0444711	151.054129	Yes
1.998	225.9	170.4007875	164.921122	Yes
1.589	238.9	177.156161	173.7867893	Yes
2.406	258.9	149.4409821	149.2546432	Yes
1.494	253.3	154.4133891	159.0520419	Yes
1.374	266.4	145.3516416	146.4765722	Yes
1.571	259.4	149.0809751	149.9521787	Yes
3.41	231	185.6327901	173.1990255	Yes
2.482	232	189.1277069	177.409767	Yes
2.851	242.5	169.8286827	166.9904463	Yes
2.014	241.6	171.5400605	167.5416143	Yes
1.638	242.8	169.2750169	167.021407	Yes
1.292	235.4	185.6463296	175.8361233	Yes
2.442	263.1	146.8129126	147.6122393	Yes
2.475	266.6	145.2794496	146.3374501	Yes
2.371	269.6	144.4151432	146.5104448	Yes
2.468	264.1	146.3156694	146.7066276	Yes
1.67	230.2	182.967997	167.5946532	Yes
1.514	221.5	160.0831011	160.5772508	Yes
2.077	207.9	139.3832047	149.0057494	Yes
1.788	213.8	146.6522652	145.3708318	Yes
2.206	195.4	130.3244035	134.4955202	Yes
1.882	204.6	136.2317817	146.5398358	Yes
2.02	239	176.9345288	173.3434409	Yes
1.788	243.4	168.1922038	162.1617829	Yes
2.54	209.9	141.5976893	150.7151441	Yes
2.029	240.9	172.92492	171.3929493	Yes
1.945	251.3	156.6401729	153.0922814	Yes
2.264	270.2	144.2908609	146.9664553	Yes
2.619	262.5	147.1344513	148.5903922	Yes
1.087	269	144.5555056	145.2249152	Yes
0.998	266.9	145.1746105	149.864194	Yes
1.627	258.5	149.7384694	149.8966157	Yes
1.302	268.8	144.6058796	147.958181	Yes
2.544	214.1	147.0846926	149.81998	Yes
1.807	186	128.0542255	132.3793426	Yes
0.932	177.9	128.8962779	131.2317264	Yes
1.554	176.9	129.1807975	132.0009657	Yes
1.861	194.2	129.8341932	138.9632664	Yes
2.99	207.4	138.8665983	149.6252356	Yes

9/12/2019	11:03	33.41	1.296
9/12/2019	11:04	33.37	1.249
9/12/2019	11:05	33.31	0.952
9/12/2019	11:06	33.43	1.259
9/12/2019	11:07	33.5	0.91
9/12/2019	11:08	33.54	1.411
9/12/2019	11:09	33.55	0.987
9/12/2019	11:10	33.63	0.807
9/12/2019	11:11	33.65	1.342
9/12/2019	11:12	33.7	1.6
9/12/2019	11:13	33.8	1.103
9/12/2019	11:14	33.89	1.036
9/12/2019	11:15	33.9	1.205
9/12/2019	11:16	33.95	1.349
9/12/2019	11:17	33.96	1.569
9/12/2019	11:18	33.78	1.79
9/12/2019	11:19	33.72	1.755
9/12/2019	11:20	33.61	1.657
9/12/2019	11:21	33.82	1.559
9/12/2019	11:22	33.78	1.795
9/12/2019	11:23	33.61	1.308
9/12/2019	11:24	33.67	1.512
9/12/2019	11:25	33.83	1.607
9/12/2019	11:26	34.04	1.311
9/12/2019	11:27	34.02	1.565
9/12/2019	11:28	33.86	2.169
9/12/2019	11:29	33.6	1.292
9/12/2019	11:30	33.75	1.819
9/12/2019	11:31	33.95	1.267
9/12/2019	11:32	33.91	1.385
9/12/2019	11:33	33.92	1.517
9/12/2019	11:34	33.86	0.782
9/12/2019	11:35	34.08	1.271
9/12/2019	11:36	34.1	1.041
9/12/2019	11:37	34.23	1.402
9/12/2019	11:38	34.35	1.712
9/12/2019	11:39	34.18	2.153
9/12/2019	11:40	34.04	1.154
9/12/2019	11:41	34.13	1.428
9/12/2019	11:42	33.88	1.33
9/12/2019	11:43	33.81	1.383
9/12/2019	11:44	33.99	1.124
9/12/2019	11:45	34.15	1.498
9/12/2019	11:46	34.57	1.14
9/12/2019	11:47	34.59	1.438
9/12/2019	11:48	34.72	0.986
9/12/2019	11:49	34.87	0.942
9/12/2019	11:50	34.99	1.266
9/12/2019	11:51	34.98	1.309
9/12/2019	11:52	34.89	0.605
9/12/2019	11:53	34.86	1.341

223.6	164.7258126	33.23	1.627
251.8	156.0596058	33.18	1.482
232.4	190.5792409	33.08	1.106
239.7	175.4133646	33.22	1.501
240.7	173.3294827	33.33	1.18
219.7	156.470139	33.37	1.867
189	128.3944101	33.35	1.158
240.3	174.1507045	33.47	0.855
207.1	138.5635199	33.53	1.644
239.7	175.4133646	33.54	1.868
252.3	155.4951241	33.66	1.224
242.2	170.3906689	33.77	1.238
265.7	145.6188708	33.8	1.386
251.6	156.2898875	33.84	1.501
281	144.7678047	33.84	1.817
277.8	144.0902707	33.65	1.985
302.1	162.1914802	33.54	1.996
286.2	146.8652868	33.44	2.032
253.4	154.3086209	33.61	1.715
276	143.9085582	33.6	2.178
288.2	148.0158154	33.41	1.448
252.3	155.4951241	33.48	1.836
231.2	186.3168781	33.62	1.82
250.3	157.8506504	33.83	1.455
234.3	188.6345537	33.81	1.976
263.9	146.4112828	33.64	2.291
269.2	144.5069269	33.37	1.409
269.2	144.5069269	33.55	1.983
285.9	146.709616	33.75	1.474
283.1	145.4633897	33.74	1.569
287.8	147.7698413	33.73	1.734
286.6	147.0796431	33.67	0.999
277.5	144.0500767	33.91	1.45
273.9	143.8763375	33.96	1.17
274.1	143.8710782	34.08	1.56
262.4	147.1897488	34.17	1.848
268.2	144.7678047	33.97	2.466
245.6	164.489319	33.76	1.403
278	144.1192747	33.9	1.932
273	143.9217129	33.67	1.585
267.2	145.0738969	33.61	1.581
261.3	147.8305829	33.8	1.249
265.4	145.7403654	33.99	1.66
245.7	164.3305874	34.41	1.454
235.7	184.8594495	34.38	1.643
239.2	176.4945334	34.49	1.102
286.8	147.1897488	34.66	1.065
277.8	144.0902707	34.82	1.532
240.9	172.92492	34.79	1.524
273.3	143.9026392	34.68	0.757
256.3	151.5291125	34.67	1.473

198.7	131.9926732	32.54	2.26
230.9	185.293471	32.51	1.912
211.3	143.2953883	32.4	1.308
221.3	159.6656133	32.59	2.093
215.5	149.1915112	32.72	1.382
190.4	128.6747234	32.75	2.345
169.1	132.8476073	32.7	1.263
204.9	136.4937737	32.78	1.111
183.9	128.0255546	32.86	2.156
214	146.9398193	32.92	2.206
227.5	174.7556358	33.06	1.478
220.4	157.837148	33.19	1.751
243.9	167.3143222	33.26	1.602
231.4	187.0083138	33.32	1.712
256.3	151.5291125	33.3	2.639
253.7	153.9979779	33.1	2.529
280.1	144.530992	33.02	2.843
260.2	148.5320061	32.86	2.66
233.4	191.2051427	33.12	2.029
246.6	162.9378699	33.08	2.66
262.8	146.9714914	32.88	1.968
228.1	176.4826621	32.99	2.156
205.1	136.6710803	33.11	2.235
220.3	157.6389568	33.32	1.921
211.8	143.9325875	33.27	2.608
239.4	176.0588609	33.08	2.684
242.8	169.2750169	32.83	1.719
243.8	167.4881453	33.06	2.581
265.2	145.823697	33.28	2.148
254.2	153.4923338	33.18	2.013
261.4	147.7698413	33.19	2.442
259.3	149.1519294	33.12	1.313
253.9	153.7939153	33.39	2.047
247.9	161.0367221	33.43	1.552
252.5	155.273777	33.56	2.16
240.1	174.5674412	33.62	2.365
244.2	166.7980522	33.38	3.058
221.4	159.8738411	33.23	1.744
248.6	160.0651457	33.38	2.389
243	168.9104738	33.15	2.03
241.6	171.5400605	33.13	1.907
230.9	185.293471	33.34	1.551
242.8	169.2750169	33.51	2.117
224.3	166.3842917	33.94	1.871
211.9	144.0620273	33.79	1.961
215.6	149.347741	33.88	1.151
258.4	149.8141685	34.06	1.521
253.7	153.9979779	34.22	2.31
218.6	154.4151969	34.17	1.858
243.6	167.8384137	34.01	1.052
235.3	185.9112491	34.03	1.82

190.8	128.7691755	32.07	2.205	188.5	128.3131374	31.68
222.2	161.577273	32.05	1.93	221.2	159.4584123	31.68
205.8	137.3085186	31.92	1.355	206.2	137.6847037	31.58
217.8	152.989316	32.14	1.914	213.6	146.3676144	31.8
209.2	140.7951122	32.32	1.39	209.3	140.9079226	32.01
185.6	128.0355004	32.34	2.497	181.4	128.2159189	32.01
170.2	132.1683105	32.23	1.385	164.5	136.3185854	31.84
201.8	134.0091067	32.28	1.016	196	130.5924354	31.92
181.7	128.180153	32.39	2.218	175.7	129.5761138	32.06
209.3	140.9079226	32.5	2.382	207.4	138.8665983	32.2
221.7	160.5047386	32.66	1.341	215.4	149.0360615	32.36
215.1	148.5743588	32.82	1.53	210.8	142.6746234	32.54
232.9	192.4386028	32.89	1.622	229.9	181.9973899	32.59
231.2	186.3168781	32.94	1.915	225	168.1018522	32.59
254.4	153.294267	32.87	2.373	249.5	158.8676643	32.44
252.9	154.8386144	32.67	2.392	247.7	161.3209223	32.21
277.6	144.0630334	32.58	2.675	270.3	144.2717056	32.14
255.4	152.3392627	32.43	2.587	251	156.9963458	32.01
231.7	188.0594614	32.72	2.101	223.3	164.0325631	32.33
241.7	171.3461128	32.66	2.802	238.1	178.969176	32.15
259.3	149.1519294	32.44	1.818	252.5	155.273777	31.98
226	170.6627261	32.61	2.301	220	157.0502204	32.24
199.2	132.2876789	32.77	2.369	196.3	130.7322487	32.39
217.3	152.1263931	32.96	1.859	210.1	141.8325805	32.54
207	138.4636301	32.89	2.575	204.4	136.0597477	32.48
233.7	190.3353042	32.68	2.915	231.2	186.3168781	32.14
243.2	168.5495467	32.42	1.773	239.9	174.9883145	31.96
239	176.9345288	32.67	2.424	233.1	192.0882584	32.26
264.9	145.9522103	32.86	2.006	257.3	150.682349	32.41
249.3	159.1288318	32.71	2.036	244.7	165.9547117	32.19
258.5	149.7384694	32.72	2.288	250.8	157.2370948	32.23
255.3	152.4321413	32.67	1.224	249.2	159.2604663	32.23
254	153.6927882	32.93	1.927	248.6	160.0651457	32.53
244.5	166.2895033	32.97	1.493	239	176.9345288	32.54
252.1	155.7190033	33.09	2.04	245.1	165.2951784	32.69
234.8	187.2558705	33.13	2.322	230.9	185.293471	32.67
238.9	177.156161	32.89	3.144	234.9	186.9842516	32.35
219	155.1495646	32.75	1.806	211.5	143.5482783	32.3
244.5	166.2895033	32.93	2.326	238.4	178.2808867	32.45
236.1	183.8283932	32.72	1.991	232.6	191.31691	32.26
234.1	189.1957803	32.7	1.88	230.9	185.293471	32.25
232.6	191.31691	32.95	1.539	227.8	175.6124958	32.59
239.1	176.7139881	33.14	1.963	230.6	184.28627	32.78
221.3	159.6656133	33.58	1.764	211.2	143.1699306	33.24
206	137.4955162	33.38	2.115	204.7	136.3185854	32.97
215	148.4219956	33.41	1.296	206.1	137.5898354	32.97
257.4	150.6007104	33.59	1.393	250.2	157.9753829	33.22
254.1	153.5922617	33.73	2.016	244.9	165.6232794	33.3
213.5	146.2263702	33.66	1.873	211.5	143.5482783	33.23
237.2	181.0963649	33.5	0.871	229.9	181.9973899	33.12
234.3	188.6345537	33.56	1.872	228.9	178.8700569	33.27

2.492	193.2	129.4717308	136.6545059	Yes
2.257	223.9	165.4295013	165.5636527	Yes
1.522	215.9	149.8211447	151.7377992	Yes
2.438	218.6	154.4151969	157.770221	Yes
1.525	216.4	150.6260744	150.9700206	Yes
2.755	188.8	128.3607156	133.9513995	Yes
1.413	173.7	130.3680067	132.019384	Yes
1.251	199.6	132.5319155	141.5555872	Yes
2.594	181.4	128.2159189	130.512252	Yes
2.526	212.5	144.8528837	149.3961177	Yes
1.687	222.1	161.3606366	160.2304393	Yes
1.859	215.9	149.8211447	153.8595887	Yes
1.837	230.9	185.293471	174.5325313	Yes
2.277	232.8	192.0626612	177.9559186	Yes
3.263	258.9	149.4409821	151.5799661	Yes
2.976	257.3	150.682349	152.9860269	Yes
3.554	274.3	143.8675721	147.7849567	Yes
3.174	256.6	151.2692438	151.2004291	Yes
2.556	232.3	190.2134023	177.5638381	Yes
3.218	245.4	164.8092124	164.3941858	Yes
2.416	260.9	148.0785655	149.4983157	Yes
2.518	224.9	167.8527808	165.5087027	Yes
2.631	201.5	133.7940871	143.9603946	Yes
2.248	215	148.4219956	151.5741153	Yes
3.274	212.2	144.4543929	150.3089824	Yes
3.403	236.2	183.5738179	176.5392288	Yes
2.025	248	160.8957315	163.6431073	Yes
3.107	241	172.724134	170.7483987	Yes
2.673	263.2	146.7610226	147.185779	Yes
2.456	248	160.8957315	156.9869997	Yes
2.906	256.4	151.441929	150.7914352	Yes
1.553	255	152.7142528	152.1276866	Yes
2.495	254.4	153.294267	152.9792386	Yes
1.761	247.4	161.7528127	161.9779809	Yes
2.649	253.5	154.2044642	154.8727002	Yes
2.871	235.6	185.120437	175.8853937	Yes
3.74	240.1	174.5674412	170.0547421	Yes
2.02	216.4	150.6260744	154.7374155	Yes
2.94	245.7	164.3305874	162.6170796	Yes
2.43	236.7	182.3197334	174.0594447	Yes
2.169	234.1	189.1957803	176.0597978	Yes
1.873	232.5	190.9470722	178.2001064	Yes
2.435	234.8	187.2558705	172.6543022	Yes
2.087	219.5	156.0881634	157.9277173	Yes
2.467	209.9	141.5976893	148.8666535	Yes
1.535	218.8	154.7805667	153.3269344	Yes
1.822	257.4	150.6007104	151.2361442	Yes
2.793	253.1	154.6247674	154.3857114	Yes
2.046	218.1	153.51742	154.1264371	Yes
1.12	235.6	185.120437	171.9910489	Yes
2.212	235	186.7139875	178.3317919	Yes

9/12/2019	11:54	34.94	1.19
9/12/2019	11:55	35.1	0.749
9/12/2019	11:56	35.16	2.13
9/12/2019	11:57	34.83	1.986
9/12/2019	11:58	34.56	1.895
9/12/2019	11:59	34.53	1.779
9/12/2019	12:00	34.48	1.356
9/12/2019	12:01	34.45	2.201
9/12/2019	12:02	34.43	2.017
9/12/2019	12:03	34.45	2.097
9/12/2019	12:04	34.55	1.424
9/12/2019	12:05	34.66	1.358
9/12/2019	12:06	34.91	1.963
9/12/2019	12:07	34.87	1.444
9/12/2019	12:08	34.91	1.439
9/12/2019	12:09	34.9	1.659
9/12/2019	12:10	34.87	1.197
9/12/2019	12:11	35.02	1.068
9/12/2019	12:12	35.2	1.857
9/12/2019	12:13	35.17	2.547
9/12/2019	12:14	34.93	1.578
9/12/2019	12:15	34.98	1.85
9/12/2019	12:16	34.91	1.969
9/12/2019	12:17	34.88	1.624
9/12/2019	12:18	35.04	1.807
9/12/2019	12:19	35.2	1.538
9/12/2019	12:20	35.53	1.69
9/12/2019	12:21	35.61	1.353
9/12/2019	12:22	35.64	1.877
9/12/2019	12:23	35.3	1.843
9/12/2019	12:24	35.1	1.703
9/12/2019	12:25	35.19	1.489
9/12/2019	12:26	35.22	1.458
9/12/2019	12:27	35.32	1.96
9/12/2019	12:28	35.39	2.504
9/12/2019	12:29	35.32	2.179
9/12/2019	12:30	35.27	1.834
9/12/2019	12:31	35.11	1.947
9/12/2019	12:32	35.01	1.806
9/12/2019	12:33	34.92	1.687
9/12/2019	12:34	34.83	1.379
9/12/2019	12:35	35.07	1.707
9/12/2019	12:36	35.2	1.805
9/12/2019	12:37	35.15	1.434
9/12/2019	12:38	35.08	1.466
9/12/2019	12:39	35.16	1.345
9/12/2019	12:40	35.26	1.76
9/12/2019	12:41	35.44	1.526
9/12/2019	12:42	35.44	1.487
9/12/2019	12:43	35.39	1.421
9/12/2019	12:44	34.97	1.536

252	155.8318976	34.76	1.33
249.7	158.6092822	34.89	0.886
279.5	144.3933148	35.01	2.072
280.9	144.7396894	34.65	2.105
284.2	145.9089029	34.37	2.196
266.3	145.3884291	34.31	1.91
288.3	148.0785655	34.24	1.634
284.9	146.2219614	34.24	2.635
289.1	148.5988232	34.18	2.35
264	146.3632375	34.21	2.364
277.4	144.0375611	34.31	1.997
257.9	150.2006904	34.42	1.333
229.9	181.9973899	34.68	2.383
227.6	175.0397923	34.59	1.787
225.3	168.856618	34.6	1.877
229.4	180.4133026	34.57	2.057
213.6	146.3676144	34.55	1.622
226.5	171.9924951	34.74	1.296
233.9	189.7626755	34.94	2.229
239.7	175.4133646	34.89	2.879
240.3	174.1507045	34.59	1.807
222.7	162.6767095	34.65	2.133
234.1	189.1957803	34.59	2.464
222.1	161.3606366	34.53	2.108
237.4	180.615438	34.71	2.084
246.3	163.3950032	34.89	1.826
237.2	181.0963649	35.23	2.117
232.5	190.9470722	35.28	1.524
222.9	163.1241775	35.32	2.378
207.3	138.7650022	34.97	2.17
217.5	152.4689987	34.73	2.218
217.9	153.1644801	34.86	1.824
260.4	148.3999072	34.93	1.779
239.8	175.2003149	35.04	2.491
247.3	161.8982783	35.09	2.985
239.1	176.7139881	34.97	2.662
235.3	185.9112491	34.9	2.175
244.9	165.6232794	34.71	2.035
234.9	186.9842516	34.62	1.942
243.4	168.1922038	34.55	1.938
237.6	180.1392477	34.48	1.737
238.4	178.2808867	34.74	1.947
246.6	162.9378699	34.91	2.06
235.7	184.8594495	34.85	1.668
272.5	143.962286	34.82	1.537
252.5	155.273777	34.87	1.472
216.8	151.2846063	34.98	1.961
224.5	166.8688935	35.12	1.789
200.4	133.042617	35.1	1.677
247.6	161.4641376	35.05	1.523
265.2	145.823697	34.71	1.746

232.7	191.6887683	34.19	1.767
227.1	173.6334397	34.34	0.979
252.8	154.9464686	34.43	2.605
255.8	151.9734986	34.09	2.852
258.9	149.4409821	33.81	3.029
243.9	167.3143222	33.8	2.521
259.7	148.8712346	33.72	2.293
260.4	148.3999072	33.73	3.583
259.9	148.733998	33.72	3.222
240.5	173.7380647	33.73	2.947
248.4	160.3391006	33.86	2.285
231.1	185.9739218	34	1.384
207.3	138.7650022	34.22	2.615
204	135.7219305	34.07	1.855
202.7	134.6805694	34.02	2.11
201.6	133.8652759	34	2.582
188.2	128.2691098	33.98	2.004
210.1	141.8325805	34.2	1.501
208.7	140.2401479	34.43	2.459
216.3	150.4634796	34.32	3.024
212.2	144.4543929	33.99	2.108
198.3	131.7648252	34.09	2.521
211.9	144.0620273	33.99	2.936
196.7	130.9247236	33.96	2.459
213.4	146.0858429	34.2	2.663
221.8	160.717127	34.42	2.177
212.8	145.2575724	34.75	2.347
208.7	140.2401479	34.76	1.885
195.4	130.3244035	34.71	2.758
182.9	128.0723698	34.31	2.862
194.1	129.7960751	34.14	2.46
195.9	130.5466922	34.29	2.322
237	181.5820782	34.38	2.39
212.9	145.3938588	34.5	2.843
222.7	162.6767095	34.56	3.532
220	157.0502204	34.42	3.066
208.9	140.4603245	34.35	2.696
218.4	154.0534207	34.14	2.379
217.9	153.1644801	34.05	2.403
216.7	151.1187431	34.03	2.426
212.2	144.4543929	33.97	2.164
218.1	153.51742	34.28	2.222
221.4	159.8738411	34.4	2.609
213.2	145.8069274	34.3	1.893
248.5	160.201762	34.32	2.07
231	185.6327901	34.39	1.95
196.3	130.7322487	34.47	2.668
197.1	131.1241663	34.56	1.955
174.6	129.9908531	34.47	2.078
224.3	166.3842917	34.44	1.996
239.5	175.8426324	34.13	2.221

232.1	189.4876488	33.81	1.6	223.8	165.1937679	33.55
234.9	186.9842516	33.94	0.953	226.7	172.5339195	33.65
250.9	157.1163888	34.02	2.553	245.8	164.1726616	33.58
252.2	155.6067462	33.65	2.671	245.9	164.0155381	33.18
255.4	152.3392627	33.35	2.93	249.1	159.3928048	32.84
242.4	170.0150814	33.32	2.439	234.6	187.8032029	32.83
253.6	154.1009172	33.22	2.127	247.6	161.4641376	32.75
259	149.3679312	33.28	3.419	252.6	155.1640479	32.81
255.4	152.3392627	33.27	3.129	249.8	158.4811294	32.82
235.6	185.120437	33.32	2.897	229.6	181.0419634	32.86
246.7	162.7870502	33.47	2.362	239.2	176.4945334	33.04
235.1	186.4450707	33.6	1.582	220.2	157.4417417	33.26
203.4	135.2306555	33.82	2.95	199.9	132.7199372	33.44
198.7	131.9926732	33.66	2.235	195.5	130.3680067	33.2
197.9	131.5441627	33.57	2.35	193.8	129.6842235	33.16
198.5	131.8778474	33.56	2.673	193.2	129.4717308	33.17
187	128.1283904	33.54	2.218	181.5	128.2036041	33.15
205.4	136.9410396	33.77	1.628	195	130.1542428	33.38
210.4	142.1896378	34.01	2.886	198	131.5986579	33.66
215.3	148.8813884	33.94	3.759	208.3	139.8069561	33.5
210.4	142.1896378	33.59	2.219	203.5	135.3112579	33.13
193.1	129.4377621	33.69	2.91	188.6	128.328602	33.25
209.2	140.7951122	33.54	3.042	203.2	135.0709716	33.08
193.2	129.4717308	33.49	2.715	188.5	128.3131374	33.02
211.2	143.1699306	33.79	2.704	203.8	135.5561236	33.38
221.1	159.2522329	34.01	2.173	210.9	142.7974765	33.64
212.9	145.3938588	34.35	2.519	201.1	133.514148	33.92
210.6	142.43085	34.32	2.045	199.8	132.6567999	33.85
193.1	129.4377621	34.25	3.046	187.3	128.1582717	33.7
178.5	128.7449612	33.89	2.974	177.4	129.0334674	33.43
193.6	129.6117355	33.75	2.928	185.8	128.0440822	33.38
193.1	129.4377621	33.93	2.38	187.4	128.1690162	33.52
234.3	188.6345537	33.94	2.319	226.6	172.2625195	33.47
207.7	139.1748294	34.07	3.161	203.2	135.0709716	33.64
219.6	156.2786798	34.15	3.954	213	145.5308449	33.71
217.5	152.4689987	33.97	3.337	211.2	143.1699306	33.47
205.8	137.3085186	33.91	2.972	200.4	133.042617	33.42
217.3	152.1263931	33.71	2.552	209.7	141.3652945	33.25
214.5	147.6715655	33.63	2.571	210.9	142.7974765	33.14
212.6	144.9870876	33.65	2.523	207.9	139.3832047	33.19
210.3	142.0699862	33.62	2.151	203.1	134.9918873	33.22
216.5	150.7894808	33.92	2.481	207.6	139.0715101	33.58
220.6	158.2364782	33.96	2.649	213.1	145.6685335	33.51
212.9	145.3938588	33.84	2.132	208.6	140.1309578	33.37
246.9	162.4877295	33.87	1.893	238.8	177.3788901	33.36
233.4	191.2051427	33.9	1.963	221.2	159.4584123	33.42
191.3	128.8962779	34.01	2.651	186.4	128.0791994	33.51
193.1	129.4377621	34.13	2.389	188.5	128.3131374	33.69
169.5	132.5941263	34	2.382	168	133.5834127	33.53
218.6	154.4151969	33.97	1.942	213.7	146.5095784	33.5
235.3	185.9112491	33.7	2.272	229.9	181.9973899	33.29

1.997	232.1	189.4876488	178.3379463	Yes
1.398	238.2	178.7386118	174.099901	Yes
3.079	254.4	153.294267	154.7846201	Yes
3.505	254.8	152.9052402	153.8481425	Yes
3.777	256.2	151.6168585	151.7397622	Yes
2.989	239.4	176.0588609	169.3159793	Yes
2.916	253.3	154.4133891	153.3856488	Yes
4.564	258.8	149.5145601	149.7336815	Yes
4.095	254.6	153.0985737	152.2503574	Yes
3.381	236	184.0842372	174.069588	Yes
2.639	247.3	161.8982783	161.1113047	Yes
1.491	228.1	176.4826621	171.3088173	Yes
3.309	205.5	137.032099	145.1490168	Yes
2.478	202.4	134.4523139	141.5149433	Yes
2.549	201.5	133.7940871	139.7119321	Yes
3.077	196.9	131.0235708	141.3303455	Yes
2.649	188	128.2417275	131.8420892	Yes
1.923	202.1	134.2285045	143.0297725	Yes
3.28	207.1	138.5635199	148.4709278	Yes
4.115	215.7	149.5047542	152.8139886	Yes
2.412	212	144.1921397	148.0596266	Yes
3.394	193.3	129.506112	136.3428022	Yes
3.688	208.1	139.5939084	149.74356	Yes
3.162	194	129.7583745	135.9657206	Yes
3.19	209.7	141.3652945	149.3585259	Yes
2.605	216.2	150.3016928	155.2927065	Yes
2.963	207.9	139.3832047	148.9290298	Yes
2.455	210.1	141.8325805	149.6214901	Yes
3.226	195.9	130.5466922	136.3182614	Yes
3.333	185.4	128.0284797	130.528856	Yes
3.092	194.3	129.8727295	133.9587242	Yes
2.855	193.8	129.6842235	134.2004348	Yes
2.874	234.4	188.3560461	175.847021	Yes
3.76	208.4	139.914364	146.9508677	Yes
4.645	219.4	155.8985853	156.4566195	Yes
3.982	216.5	150.7894808	156.0385237	Yes
3.445	206.9	138.3643054	147.0174029	Yes
2.878	218.2	153.695204	153.3727183	Yes
3.003	215.3	148.8813884	155.8998324	Yes
3.002	213	145.5308449	149.8424168	Yes
2.8	211	142.9209771	148.9152983	Yes
2.973	215.2	148.7274886	154.0773572	Yes
3.316	220.5	158.0363201	156.9506086	Yes
2.359	219.2	155.5222256	154.3426838	Yes
2.395	246.6	162.9378699	161.3937075	Yes
2.443	227.6	175.0397923	173.3219829	Yes
3.215	192.1	129.120645	133.6225954	Yes
2.53	190.9	128.7937914	136.9075501	Yes
2.813	175.4	129.6842235	131.7790465	Yes
2.338	220	157.0502204	157.164685	Yes
2.613	236.9	181.8267455	174.2803428	Yes

9/12/2019	12:45	34.46	1.477
9/12/2019	12:46	34	1.263
9/12/2019	12:47	33.75	1.088
9/12/2019	12:48	33.86	0.974
9/12/2019	12:49	34.42	1.543
9/12/2019	12:50	34.85	1.196
9/12/2019	12:51	35.14	1.701
9/12/2019	12:52	35.28	1.443
9/12/2019	12:53	35.46	1.691
9/12/2019	12:54	35.34	1.927
9/12/2019	12:55	35.3	2.141
9/12/2019	12:56	34.98	1.723
9/12/2019	12:57	34.76	1.653
9/12/2019	12:58	34.68	1.673
9/12/2019	12:59	34.47	1.782
9/12/2019	13:00	34.53	1.109
9/12/2019	13:01	34.58	1.773
9/12/2019	13:02	34.49	1.052
9/12/2019	13:03	34.56	2.035
9/12/2019	13:04	34.53	1.664
9/12/2019	13:05	34.59	1.389
9/12/2019	13:06	34.75	1.332
9/12/2019	13:07	35	1.032
9/12/2019	13:08	35.07	0.806
9/12/2019	13:09	34.98	1.475
9/12/2019	13:10	34.73	1.324
9/12/2019	13:11	34.85	1.629
9/12/2019	13:12	34.91	1.738
9/12/2019	13:13	34.95	1.446
9/12/2019	13:14	35.15	1.503
9/12/2019	13:15	35.25	2.549
9/12/2019	13:16	35.27	2.201
9/12/2019	13:17	35.24	1.803
9/12/2019	13:18	35.21	1.902
9/12/2019	13:19	35.27	2.185
9/12/2019	13:20	35.35	2.268
9/12/2019	13:21	35.38	2.14
9/12/2019	13:22	35.49	1.552
9/12/2019	13:23	35.67	1.996
9/12/2019	13:24	35.87	2.265
9/12/2019	13:25	35.67	1.302
9/12/2019	13:26	35.67	1.028
9/12/2019	13:27	35.88	2.114
9/12/2019	13:28	35.58	1.912
9/12/2019	13:29	34.97	1.67
9/12/2019	13:30	34.43	2.006
9/12/2019	13:31	33.99	1.353
9/12/2019	13:32	33.83	1.302
9/12/2019	13:33	33.89	1.132
9/12/2019	13:34	34.14	1.091
9/12/2019	13:35	34.55	1.378

254.4	153.294267	34.19	1.827
243.1	168.7295603	33.71	1.727
252.6	155.1640479	33.46	1.27
238.9	177.156161	33.58	1.165
212.4	144.7193684	34.21	2.11
220.4	157.837148	34.62	1.447
227.9	175.9010607	34.9	2.037
240.3	174.1507045	34.98	1.815
231	185.6327901	35.2	2.051
223.4	164.2624968	35.05	2.391
231.1	185.9739218	35.01	2.692
213.7	146.5095784	34.71	2.395
230.7	184.6202228	34.49	2.255
221.8	160.717127	34.42	2.116
206.7	138.1673439	34.22	2.041
217.7	152.8150171	34.27	1.48
212.4	144.7193684	34.36	2.291
222.9	163.1241775	34.27	1.73
227.1	173.6334397	34.34	2.246
230.8	184.9559525	34.27	1.918
240.6	173.5332689	34.3	1.604
235.4	185.6463296	34.47	1.589
245.6	164.489319	34.73	1.264
229.9	181.9973899	34.82	1.046
297.6	156.2898875	34.78	1.749
285.9	146.709616	34.53	1.6
236.9	181.8267455	34.61	2.118
223.1	163.5761126	34.66	2.144
233.4	191.2051427	34.68	1.716
242.1	170.5798662	34.86	1.686
255.7	152.0640803	34.96	2.897
267.9	144.8548646	34.97	2.246
265.6	145.6589028	34.92	2.055
263.4	146.658692	34.87	2.203
258.7	149.5886665	34.98	2.541
249.5	158.8676643	35.04	2.483
246.8	162.6370044	35.06	2.493
249	159.5258496	35.15	1.795
262.6	147.0796431	35.34	2.181
247.5	161.6081001	35.6	2.372
250.2	157.9753829	35.37	1.639
266.9	145.1746105	35.35	1.244
234.8	187.2558705	35.6	2.416
247.8	161.1784514	35.29	2.262
253.5	154.2044642	34.66	1.832
253.1	154.6247674	34.12	2.472
247.8	161.1784514	33.71	1.642
227.7	175.3254093	33.56	1.595
222.4	162.0137796	33.63	1.445
251.3	156.6401729	33.92	1.276
259.4	149.0809751	34.36	1.513

233.5	190.9137326	33.69	2.221
221.1	159.2522329	33.29	2.02
227.7	175.3254093	33.13	1.351
214	146.9398193	33.29	1.239
191.6	128.9773778	33.88	2.229
191	128.8188092	34.15	1.412
209.5	141.1353782	34.39	2.615
218	153.3405134	34.48	2.057
210.4	142.1896378	34.72	2.45
200.1	132.8476073	34.55	2.812
209.2	140.7951122	34.52	3.287
194	129.7583745	34.17	2.793
205.4	136.9410396	34	2.489
200.3	132.977145	33.95	2.255
185.1	128.0208746	33.73	2.212
193.8	129.6842235	33.86	1.935
184.3	128.0177548	33.91	2.276
196.8	130.9739291	33.81	1.902
203	134.9133063	33.91	2.353
209.7	141.3652945	33.8	2.028
217.4	152.2972712	33.84	1.835
212.8	145.2575724	34	1.735
219.1	155.335435	34.27	1.512
212.3	144.586539	34.32	1.127
264.1	146.3156694	34.29	2.393
262.2	147.3018158	34.06	2.208
216.9	151.4512959	34.2	2.482
198.3	131.7648252	34.22	2.38
208	139.4882645	34.2	1.863
220.4	157.837148	34.38	2.095
230.2	182.967997	34.47	2.972
246.1	163.7036852	34.51	2.601
237.6	180.1392477	34.45	2.244
240	174.7773583	34.41	2.387
231.5	187.3568179	34.54	3.057
221.7	160.5047386	34.57	2.882
224.4	166.6259865	34.58	2.911
224.7	167.3583715	34.65	2.084
238.6	177.8276612	34.86	2.481
224.7	167.3583715	35.13	2.856
224.5	166.8688935	34.85	1.775
246	163.8592137	34.87	1.4
210.4	142.1896378	35.1	2.596
227.7	175.3254093	34.75	2.798
229.7	181.3587702	34.15	2.49
227.3	174.1916691	33.71	2.807
228.6	177.9631823	33.39	1.898
202.7	134.6805694	33.28	1.779
199.2	132.2876789	33.35	1.4
225.9	170.4007875	33.63	1.475
236.5	182.8176355	34.05	1.788

229.2	179.7911758	33.32	2.358	221.2	159.4584123	32.95
217.6	152.6415793	33	2.115	209.3	140.9079226	32.67
226	170.6627261	32.9	1.673	216	149.9805289	32.63
212.6	144.9870876	33.03	1.45	204	135.7219305	32.77
188.6	128.328602	33.57	2.714	182.7	128.0864199	33.24
190.4	128.6747234	33.74	1.872	185.4	128.0284797	33.29
204.5	136.145503	33.96	2.748	200.2	132.9121422	33.55
215.4	149.0360615	34.07	2.208	205.9	137.4017445	33.67
205.5	137.032099	34.35	2.642	199.8	132.6567999	34.01
197.2	131.1751217	34.19	2.988	190.3	128.6521114	33.84
206.1	137.5898354	34.19	3.534	199	132.1683105	33.86
187.7	128.2036041	33.79	3.062	184.7	128.016195	33.41
203.3	135.1505606	33.67	2.942	196	130.5924354	33.37
196.2	130.6852129	33.64	2.729	190	128.5866722	33.31
180.4	128.3607156	33.41	2.76	178.6	128.7211479	33.09
198.5	131.8778474	33.55	1.978	185	128.0191197	33.29
177.7	128.9499403	33.59	2.981	177.3	129.0621204	33.23
191	128.8188092	33.49	2.269	184.8	128.0167799	33.2
205.1	136.6710803	33.62	2.82	196.1	130.6386087	33.34
213.7	146.5095784	33.49	2.564	203.3	135.1505606	33.17
214.9	148.2703958	33.51	2.067	206.5	137.9726212	33.23
209.8	141.481181	33.68	2.076	202.4	134.4523139	33.45
217.2	151.9563603	33.94	1.5	208.1	139.5939084	33.69
195.9	130.5466922	33.98	1.266	198	131.5986579	33.7
263.4	146.658692	33.94	2.295	254.9	152.8094541	33.64
258.9	149.4409821	33.69	2.061	251.5	156.4059988	33.34
211.8	143.9325875	33.86	2.645	207	138.4636301	33.55
195.1	130.1961465	33.9	2.865	189.9	128.565657	33.57
203	134.9133063	33.82	2.171	199.5	132.4701664	33.43
218.4	154.0534207	33.97	2.148	209.7	141.3652945	33.6
228.2	176.7757169	34.07	3.583	221.2	159.4584123	33.68
242.8	169.2750169	34.14	2.715	235.5	185.382728	33.7
234.8	187.2558705	34.05	2.441	229.9	181.9973899	33.54
239.6	175.6274687	33.99	2.687	231.4	187.0083138	33.51
228.2	176.7757169	34.13	3.146	221.4	159.8738411	33.7
219.5	156.0881634	34.16	3.248	213.8	146.6522652	33.71
221.2	159.4584123	34.17	3.146	214.7	147.9694733	33.7
221	159.0470698	34.21	2.327	214.4	147.5237341	33.74
234.7	187.5288517	34.42	2.637	227.7	175.3254093	34.04
221.8	160.717127	34.69	3.148	215.2	148.7274886	34.31
221.5	160.0831011	34.39	2.001	215.7	149.5047542	33.92
248.1	160.7554768	34.45	1.454	236	184.0842372	34.05
205.6	137.1236975	34.71	3.093	201	133.4453614	34.34
223.4	164.2624968	34.36	2.896	215.9	149.8211447	33.92
228	176.1911131	33.81	2.445	217.2	151.9563603	33.34
226.1	170.9259926	33.44	3.054	219.8	156.6625457	33.09
228.7	178.2639076	33.18	1.991	215.7	149.5047542	32.84
199	132.1683105	33.1	2.109	192.3	129.1807975	32.83
199.9	132.7199372	33.17	1.905	189.5	128.4855767	32.95
222.9	163.1241775	33.41	1.511	214.8	148.1195561	33.2
235.2	186.1774937	33.77	1.77	223.1	163.5761126	33.54

2.93	227.4	174.472931	171.5861037	Yes
2.584	215.5	149.1915112	154.1445613	Yes
1.972	222.9	163.1241775	162.8513779	Yes
1.608	209.6	141.2500277	149.2110052	Yes
3.112	189.4	128.4665503	131.7156637	Yes
1.875	191.1	128.8442293	134.4406779	Yes
3.265	204.1	135.8056071	144.3799382	Yes
2.602	213.8	146.6522652	152.1162578	Yes
3.11	203.6	135.3923691	146.5807392	Yes
3.533	197.2	131.1751217	137.6224918	Yes
4.088	205.2	136.7605319	146.6575424	Yes
3.707	188.7	128.3444613	132.1664427	Yes
3.138	202.6	134.6039881	144.3816493	Yes
3.045	193.8	129.6842235	136.5300761	Yes
3.055	182.1	128.1379589	130.2816082	Yes
2.635	193.1	129.4377621	134.3667939	Yes
3.309	183.6	128.0355004	131.7569369	Yes
2.659	189.9	128.565657	135.8998705	Yes
3.222	202.2	134.3026158	142.0318101	Yes
2.705	212.1	144.3229273	150.4608627	Yes
2.419	212.9	145.3938588	151.4934832	Yes
2.299	210.6	142.43085	149.8536494	Yes
2.031	218.7	154.5974305	153.1944906	Yes
1.356	204.8	136.4059155	145.0270389	Yes
3.255	261.3	147.8305829	149.9808572	Yes
2.748	259.1	149.2954063	149.8307638	Yes
3.183	210.9	142.7974765	151.6943471	Yes
3.107	197	131.0736496	137.0352782	Yes
2.537	206.1	137.5898354	147.133343	Yes
2.695	219.4	155.8985853	155.9468629	Yes
3.961	229.4	180.4133026	170.3359018	Yes
3.386	241.6	171.5400605	166.9512711	Yes
2.969	238.1	178.969176	174.8041174	Yes
3.161	239.6	175.6274687	171.9398603	Yes
3.789	228.6	177.9631823	170.311645	Yes
3.765	218.3	153.8738695	155.1973402	Yes
3.934	220.8	158.6397721	159.0661297	Yes
2.619	220.6	158.2364782	158.3383007	Yes
3.131	238	179.2008824	173.3924896	Yes
3.727	224	165.6664139	160.8155002	Yes
2.341	224.1	165.9045121	160.0673287	Yes
1.731	250.2	157.9753829	162.3697842	Yes
3.331	209.5	141.1353782	148.2299891	Yes
3.725	224.3	166.3842917	163.3943588	Yes
3.165	225.2	168.6037636	166.4628943	Yes
3.717	227.4	174.472931	166.1755812	Yes
2.382	226.3	171.4565408	167.6733673	Yes
2.398	196.6	130.8759536	140.4462081	Yes
1.996	198	131.5986579	137.4211261	Yes
1.905	221.6	160.2933984	159.7156185	Yes
2.151	234.9	186.9842516	173.7272937	Yes

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9/12/2019	13:37	35.29	1.494
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9/12/2019	13:39	35.68	1.473
9/12/2019	13:40	35.67	1.259
9/12/2019	13:41	35.61	1.215
9/12/2019	13:42	35.75	1.313
9/12/2019	13:43	35.87	1.412
9/12/2019	13:44	35.91	2.345
9/12/2019	13:45	35.94	1.965
9/12/2019	13:46	35.74	1.617
9/12/2019	13:47	35.63	1.784
9/12/2019	13:48	35.04	2.146
9/12/2019	13:49	34.59	1.575
9/12/2019	13:50	34.24	1.684
9/12/2019	13:51	33.99	1.005
9/12/2019	13:52	34.07	1.003
9/12/2019	13:53	34.3	1.158
9/12/2019	13:54	34.69	1.025
9/12/2019	13:55	35.16	1.418
9/12/2019	13:56	35.42	1.318
9/12/2019	13:57	35.72	1.198
9/12/2019	13:58	35.84	1.732
9/12/2019	13:59	35.69	1.553
9/12/2019	14:00	35.79	1.568
9/12/2019	14:01	35.82	1.711
9/12/2019	14:02	35.39	1.119
9/12/2019	14:03	35.25	1.252
9/12/2019	14:04	35.31	1.849
9/12/2019	14:05	35.65	1.478
9/12/2019	14:06	35.82	1.52
9/12/2019	14:07	36.1	2.141
9/12/2019	14:08	36.22	1.845
9/12/2019	14:09	36.39	1.557
9/12/2019	14:10	36.48	1.362
9/12/2019	14:11	36.3	1.693
9/12/2019	14:12	35.55	2.288
9/12/2019	14:13	34.77	2.037
9/12/2019	14:14	34.4	2.36
9/12/2019	14:15	34.17	1.716
9/12/2019	14:16	33.97	1.917
9/12/2019	14:17	33.82	1.937
9/12/2019	14:18	34.07	1.042
9/12/2019	14:19	34.2	1.32
9/12/2019	14:20	34.14	1.487
9/12/2019	14:21	34.43	1.167
9/12/2019	14:22	34.81	0.876
9/12/2019	14:23	35.23	1.485
9/12/2019	14:24	35.43	0.917
9/12/2019	14:25	35.82	1.973
9/12/2019	14:26	36.05	1.993

273.3	143.9026392	34.97	1.736
282.5	145.2440439	35.12	1.882
291.7	150.5196185	35.24	1.772
265.4	145.7403654	35.48	1.667
274.1	143.8710782	35.4	1.382
275.5	143.8833505	35.38	1.344
255.3	152.4321413	35.49	1.598
233.3	191.4980279	35.56	1.567
228.6	177.9631823	35.6	2.838
221	159.0470698	35.63	2.31
233.1	192.0882584	35.42	1.898
245.7	164.3305874	35.33	2.294
208.6	140.1309578	34.76	2.524
202.3	134.3772185	34.28	1.853
247.7	161.3209223	33.97	1.794
247.4	161.7528127	33.71	1.293
236.3	183.3205043	33.8	1.042
252.9	154.8386144	34.08	1.223
266.9	145.1746105	34.45	1.219
264.5	146.1301527	34.95	1.601
251.3	156.6401729	35.21	1.419
254.1	153.5922617	35.5	1.394
239.1	176.7139881	35.63	2.221
220.3	157.6389568	35.39	2.058
242.1	170.5798662	35.49	1.742
252.6	155.1640479	35.57	1.916
239.8	175.2003149	35.09	1.583
215.5	149.1915112	34.92	1.697
227.3	174.1916691	34.99	2.173
217.4	152.2972712	35.36	1.922
244.6	166.1216858	35.54	1.829
220.8	158.6397721	35.84	2.321
216.9	151.4512959	35.92	2.238
247.7	161.3209223	36.11	1.989
234.7	187.5288517	36.24	1.697
249.4	158.9978987	36.04	1.81
259.9	148.733998	35.28	2.29
253.9	153.7939153	34.48	2.218
255.5	152.2469608	34.11	2.44
256.9	151.0143979	33.9	1.96
269.7	144.3933148	33.73	2.058
269.8	144.3719327	33.63	2.16
280.9	144.7396894	33.88	1.317
280.4	144.6058796	34.07	1.603
263.8	146.4598058	34	1.652
272.7	143.9447385	34.27	1.224
274.5	143.8658191	34.67	1.003
286	146.7610226	35.12	1.561
287.9	147.8305829	35.31	1.19
230	182.3192244	35.68	2.512
233.5	190.9137326	35.88	2.447

251.4	156.5227599	34.6	2.185
249.6	158.7381263	34.73	2.236
261.5	147.7095994	34.86	2.233
242.2	170.3906689	35.04	1.783
248.2	160.6159553	34.93	1.782
252.6	155.1640479	34.93	1.676
232.3	190.2134023	35.02	1.702
209.4	141.0213439	35.04	1.8
205.2	136.7605319	35.07	3.036
193	129.4042052	35.12	2.597
208.8	140.3499361	34.9	2.343
217.6	152.6415793	34.82	2.643
182.8	128.0791994	34.27	3.039
176	129.4717308	33.83	2.011
224.6	167.1130196	33.59	2.023
216.3	150.4634796	33.35	1.33
213	145.5308449	33.46	1.111
232.1	189.4876488	33.73	1.417
244.4	166.4581678	34.14	1.435
239.1	176.7139881	34.55	1.767
234.5	188.0789318	34.76	1.583
232.4	190.5792409	35.02	1.43
215.2	148.7274886	35.08	2.526
191.1	128.8442293	34.84	2.066
219.1	155.335435	35.03	1.9
226	170.6627261	35.1	2.403
217.2	151.9563603	34.62	1.868
194.9	130.1127622	34.44	1.963
206.5	137.9726212	34.56	2.469
189.3	128.4479207	34.94	2.458
223.6	164.7258126	35.13	1.946
197.4	131.2783518	35.43	2.561
191.3	128.8962779	35.46	2.574
223.7	164.9592071	35.65	2.364
217.2	151.9563603	35.79	1.681
224.8	167.6049563	35.54	2.081
237.3	180.8553063	34.77	2.467
236	184.0842372	34.05	2.451
232.2	189.8495428	33.77	2.772
232.8	192.0626612	33.59	2.309
243.1	168.7295603	33.46	2.423
247.2	162.0444998	33.4	2.562
258.6	149.6633025	33.67	1.56
254.3	153.3930028	33.83	2.169
236.3	183.3205043	33.75	2.019
246.5	163.0894665	33.98	1.392
253.4	154.3086209	34.32	1.248
262.2	147.3018158	34.75	1.955
263.4	146.658692	34.81	1.42
206.9	138.3643054	35.24	2.6
209.4	141.0213439	35.38	2.864

251.3	156.6401729	34.26	2.236	243.1	168.7295603	33.95
249.7	158.6092822	34.37	2.191	239.2	176.4945334	34.05
259.1	149.2954063	34.46	2.265	253.8	153.8956445	34.14
241.6	171.5400605	34.58	1.941	234	189.4785153	34.12
248.1	160.7554768	34.49	1.719	243.8	167.4881453	33.97
251.5	156.4059988	34.45	1.66	242.6	169.6432085	33.99
228.9	178.8700569	34.55	1.894	224.7	167.3583715	34.15
206.7	138.1673439	34.56	1.995	202.8	134.7576487	34.2
199	132.1683105	34.65	3.554	196.5	130.8276183	34.3
189	128.3944101	34.7	2.961	185	128.0191197	34.32
203.1	134.9918873	34.51	2.513	197.9	131.5441627	34.18
212.2	144.4543929	34.48	3.05	206.7	138.1673439	34.19
178.3	128.7937914	34	3.427	174.7	129.9510588	33.69
173.5	130.4564935	33.58	2.59	169.6	132.5319155	33.29
222.8	162.8998881	33.36	2.321	212.2	144.4543929	33.07
219.5	156.0881634	33.12	1.646	208.3	139.8069561	32.81
206.4	137.8760949	33.22	1.254	198	131.5986579	32.97
231.1	185.9739218	33.48	1.438	222.8	162.8998881	33.27
241.5	171.7349716	33.86	1.395	236	184.0842372	33.66
239.5	175.8426324	34.22	1.958	229.8	181.6772422	33.97
234.3	188.6345537	34.31	1.756	227.2	173.9118416	33.93
227.6	175.0397923	34.52	1.695	219.5	156.0881634	34.14
207.1	138.5635199	34.62	2.853	204.5	136.145503	34.17
185.7	128.0395961	34.39	2.6	182	128.1479193	33.94
215	148.4219956	34.65	2.208	208.8	140.3499361	34.31
221.5	160.0831011	34.75	2.496	216.1	150.1407104	34.3
211	142.9209771	34.25	2.041	204.7	136.3185854	33.8
188.1	128.2552218	34.06	2.092	189.4	128.4665503	33.64
202.5	134.5279034	34.2	2.914	198.2	131.7089882	33.86
185.2	128.0230196	34.58	2.654	178.9	128.6521114	34.24
220.4	157.837148	34.72	2.318	208.9	140.4603245	34.36
190.2	128.6298991	35.04	3.016	188.2	128.2691098	34.67
190.1	128.6080861	35.05	2.864	185.5	128.031795	34.7
217.1	151.7871691	35.28	2.35	211.9	144.0620273	34.98
217.1	151.7871691	35.43	2.199	210.9	142.7974765	35.07
220.3	157.6389568	35.21	2.375	214.1	147.0846926	34.84
232.4	190.5792409	34.49	2.86	227.6	175.0397923	34.1
233.7	190.3353042	33.8	2.87	227.1	173.6334397	33.47
230.7	184.6202228	33.55	3.087	222	161.1450705	33.24
231.2	186.3168781	33.39	2.52	223	163.3495837	33.07
241	172.724134	33.29	2.584	232.7	191.6887683	33.03
245.1	165.2951784	33.23	2.807	237.6	180.1392477	32.99
257.3	150.682349	33.48	1.452	250	158.226888	33.3
252.4	155.3841351	33.63	2.098	244.6	166.1216858	33.42
233.8	190.048269	33.51	2.089	224.6	167.1130196	33.25
246.6	162.9378699	33.67	1.557	236.9	181.8267455	33.37
249.4	158.9978987	33.96	1.238	243.1	168.7295603	33.66
261.2	147.8918251	34.37	2.052	253.5	154.2044642	34.11
260	148.6661534	34.36	1.43	252.7	155.0549457	34.03
203.5	135.3112579	34.82	3.189	197.4	131.2783518	34.53
205	136.5821614	34.96	3.232	199.8	132.6567999	34.48

2.876	252.2	155.6067462	156.2803757	Yes
2.657	249.1	159.3928048	159.6957581	Yes
2.949	262.9	146.9181461	149.667683	Yes
2.441	243	168.9104738	169.2120168	Yes
2.192	254.3	153.3930028	157.2247317	Yes
1.984	253.1	154.6247674	155.9442746	Yes
2.109	233	192.385621	176.2519186	Yes
2.463	208	139.4882645	148.9865258	Yes
3.911	202.5	134.5279034	142.4495093	Yes
3.321	195.4	130.3244035	135.0378417	Yes
2.894	201.9	134.0817512	146.6111991	Yes
3.476	210.8	142.6746234	148.4537054	Yes
3.94	177.5	129.00522	131.1920455	Yes
2.802	174.6	129.9908531	131.3656423	Yes
2.918	218.4	154.0534207	157.9683287	Yes
1.84	217.4	152.2972712	152.0817366	Yes
1.428	205.6	137.1236975	147.0899599	Yes
1.818	232.3	190.2134023	176.6826951	Yes
1.868	240.7	173.3294827	168.1562939	Yes
2.289	238.7	177.6027217	171.5933474	Yes
2.085	231.3	186.6616714	178.7854343	Yes
1.915	225.8	170.1401693	169.0879255	Yes
3.321	210.1	141.8325805	148.396616	Yes
2.8	187.9	128.2286266	134.1798656	Yes
2.511	217.2	151.9563603	153.3287186	Yes
3.143	224.4	166.6259865	160.5353144	Yes
2.38	212.8	145.2575724	150.330762	Yes
2.504	193.1	129.4377621	133.0927615	Yes
3.163	206.1	137.5898354	143.1982035	Yes
2.999	183.4	128.0440822	133.092881	Yes
2.7	219.2	155.5222256	156.9334393	Yes
3.36	194.1	129.7960751	135.3226416	Yes
3.345	192	129.0911795	133.2157269	Yes
3.017	216.2	150.3016928	154.4862037	Yes
2.35	221.2	159.4584123	158.705654	Yes
2.764	224	165.6664139	159.3985836	Yes
3.237	233.5	190.9137326	177.224414	Yes
3.317	237.1	181.3386201	176.6371033	Yes
3.792	228.6	177.9631823	173.1649958	Yes
3.25	229.9	181.9973899	174.9481822	Yes
3.196	241.8	171.1531239	169.7377803	Yes
3.171	245.9	164.0155381	163.1732793	Yes
1.857	260.2	148.5320061	150.368847	Yes
2.834	251.9	155.945431	155.0900269	Yes
2.491	233.6	190.6237893	175.5130776	Yes
1.862	245.3	164.9703808	163.3538403	Yes
1.504	249.7	158.6092822	156.9022362	Yes
2.568	259.5	149.010542	149.0339339	Yes
1.803	260.7	148.2055809	149.283191	Yes
3.488	207.7	139.1748294	145.2895938	Yes
3.775	207.8	139.278727	148.090553	Yes

9/12/2019	14:27	36.07	1.642
9/12/2019	14:28	36.14	1.709
9/12/2019	14:29	35.97	1.516
9/12/2019	14:30	35.43	1.896
9/12/2019	14:31	34.93	1.581
9/12/2019	14:32	34.96	1.489
9/12/2019	14:33	34.93	1.338
9/12/2019	14:34	35.16	1.094
9/12/2019	14:35	35.52	0.958
9/12/2019	14:36	35.87	2.083
9/12/2019	14:37	36.19	1.85
9/12/2019	14:38	36.19	2.028
9/12/2019	14:39	36.09	1.722
9/12/2019	14:40	36.18	1.519
9/12/2019	14:41	36.4	0.972
9/12/2019	14:42	36.67	1.532
9/12/2019	14:43	36.65	2.478
9/12/2019	14:44	36.34	2.104
9/12/2019	14:45	36.15	1.948
9/12/2019	14:46	36.11	1.958
9/12/2019	14:47	36.08	1.627
9/12/2019	14:48	36.07	0.911
9/12/2019	14:49	36.22	1.256
9/12/2019	14:50	36.45	1.417
9/12/2019	14:51	36.34	2.109
9/12/2019	14:52	36.2	2.139
9/12/2019	14:53	36.04	1.367
9/12/2019	14:54	36	1.459
9/12/2019	14:55	36.13	2.508
9/12/2019	14:56	36.14	2.142
9/12/2019	14:57	36.02	1.838
9/12/2019	14:58	36.11	1.667
9/12/2019	14:59	36.07	1.338
9/12/2019	15:00	36.24	1.856
9/12/2019	15:01	36.39	2.34
9/12/2019	15:02	36.26	1.733
9/12/2019	15:03	35.99	2.01
9/12/2019	15:04	35.9	1.549
9/12/2019	15:05	35.88	1.855
9/12/2019	15:06	36	2.027
9/12/2019	15:07	36.03	1.347
9/12/2019	15:08	36.15	1.667
9/12/2019	15:09	36.12	1.97
9/12/2019	15:10	35.97	1.618
9/12/2019	15:11	36.01	1.627
9/12/2019	15:12	35.93	1.598
9/12/2019	15:13	36.15	1.537
9/12/2019	15:14	36.4	2.411
9/12/2019	15:15	36.35	2.335
9/12/2019	15:16	36.16	1.336
9/12/2019	15:17	36.11	2.066

249.2	159.2604663	35.84	1.626
223.9	165.4295013	35.88	2.162
204.7	136.3185854	35.73	1.887
211.1	143.0451277	35.2	2.229
220.2	157.4417417	34.66	1.949
258.3	149.8904009	34.74	1.66
261.3	147.8305829	34.76	1.478
262.7	147.0253234	34.99	1.203
228.6	177.9631823	35.37	1.265
233.9	189.7626755	35.7	2.027
218.4	154.0534207	36.01	2.396
214.5	147.6715655	35.98	2.595
231.9	188.7697038	35.85	2.001
238.2	178.7386118	35.93	1.646
242.5	169.8286827	36.19	1.098
263.9	146.4112828	36.53	1.808
245.4	164.8092124	36.51	2.618
236.5	182.8176355	36.09	2.658
237.3	180.8553063	35.85	2.362
245.1	165.2951784	35.8	2.368
258.3	149.8904009	35.79	1.716
239.5	175.8426324	35.8	1.087
262.2	147.3018158	35.96	1.23
238.9	177.156161	36.28	1.758
253.4	154.3086209	36.14	2.355
244.2	166.7980522	36	2.403
226.5	171.9924951	35.8	1.585
224.4	166.6259865	35.75	1.868
240.4	173.943875	35.89	2.792
238.6	177.8276612	35.92	2.446
222.8	162.8998881	35.79	2.599
240.1	174.5674412	35.86	2.138
250	158.226888	35.8	1.625
232.2	189.8495428	35.99	2.209
256.7	151.183739	36.17	2.535
252.9	154.8386144	35.98	2.076
264.9	145.9522103	35.77	2.174
228.3	177.070287	35.63	2.001
226	170.6627261	35.61	2.293
201.7	133.9369487	35.73	2.58
209.9	141.5976893	35.78	1.709
207.4	138.8665983	35.93	2.125
220.6	158.2364782	35.91	2.273
238.4	178.2808867	35.73	1.95
243.3	168.3704292	35.76	2.022
259.9	148.733998	35.71	1.78
232.5	190.9470722	35.92	2.111
252.7	155.0549457	36.19	2.72
249.9	158.3536654	36.13	2.347
264.5	146.1301527	35.9	1.529
275	143.869106	35.88	2.274

225.6	169.6228634	35.31	2.089
192.8	129.3383252	35.32	2.623
179.2	128.5866722	35.1	2.182
188.7	128.3444613	34.58	2.746
193.9	129.7210908	34.14	2.049
230.5	183.9540825	34.26	1.899
238.8	177.3788901	34.34	1.735
234.3	188.6345537	34.58	1.3
204.9	136.4937737	34.93	1.218
211.7	143.8038178	35.21	2.249
191.8	129.0334674	35.5	2.55
185	128.0191197	35.41	2.974
208.4	139.914364	35.26	2.315
213.2	145.8069274	35.33	1.845
215.3	148.8813884	35.65	1.124
243.2	168.5495467	36	2.115
223.6	164.7258126	35.94	2.983
213.7	146.5095784	35.49	2.932
216.5	150.7894808	35.33	2.838
219.6	156.2786798	35.23	2.884
237.9	179.4337369	35.28	1.969
215.8	149.6625543	35.23	1.244
233	192.385621	35.36	1.485
210.9	142.7974765	35.68	1.89
227.2	173.9118416	35.51	2.773
223.3	164.0325631	35.41	2.899
202.5	134.5279034	35.21	1.792
198.1	131.6535994	35.19	2.403
216.4	150.6260744	35.37	3.198
212	144.1921397	35.4	3.07
203.1	134.9918873	35.22	2.801
221	159.0470698	35.3	2.362
225.6	169.6228634	35.21	1.941
206.7	138.1673439	35.45	2.67
231.6	187.7071962	35.63	2.673
236.6	182.5680669	35.38	2.339
240.6	173.5332689	35.19	2.59
206.9	138.3643054	35.06	2.424
204.4	136.0597477	35.01	2.54
177.9	128.8962779	35.16	3.042
189.8	128.5450401	35.18	2.14
185.6	128.0355004	35.32	2.597
198.7	131.9926732	35.25	2.591
210.7	142.5524154	35.08	2.224
214.9	148.2703958	35.11	2.483
233.3	191.4980279	35.07	2.134
209.5	141.1353782	35.36	2.644
228.8	178.5661959	35.67	3.137
226.3	171.4565408	35.58	3.031
240.6	173.5332689	35.36	1.697
248.2	160.6159553	35.35	2.839

222.3	161.7949854	34.88	2.058	217	151.6188155	34.36
188	128.2417275	34.91	2.956	183.8	128.0284797	34.38
175.6	129.6117355	34.69	2.695	171	131.7089882	34.22
184.8	128.0167799	34.22	2.955	180.8	128.2980674	33.83
190.8	128.7691755	33.82	2.617	187	128.1283904	33.5
225.9	170.4007875	33.96	1.992	217.8	152.989316	33.68
233.4	191.2051427	34.05	1.808	228.9	178.8700569	33.77
231.7	188.0594614	34.24	1.396	222.9	163.1241775	33.93
194.9	130.1127622	34.54	1.585	194.9	130.1127622	34.23
204.5	136.145503	34.81	2.548	200.5	133.1085592	34.52
188.6	128.328602	35.15	3.22	184.2	128.0191197	34.78
180	128.4296876	35.02	3.315	176.9	129.1807975	34.59
202.4	134.4523139	34.83	2.595	199.5	132.4701664	34.38
212.4	144.7193684	34.93	1.948	205.2	136.7605319	34.54
211.9	144.0620273	35.25	1.284	205.7	137.2158368	34.95
238.8	177.3788901	35.61	2.304	232.9	192.4386028	35.26
218.3	153.8738695	35.53	3.366	215.7	149.5047542	35.08
205.6	137.1236975	35.08	3.339	204.1	135.8056071	34.65
213.5	146.2263702	35	2.98	209	140.5713153	34.62
213.5	146.2263702	34.88	3.001	208.7	140.2401479	34.41
233.1	192.0882584	34.87	2.139	227.6	175.0397923	34.39
205.5	137.032099	34.81	1.405	208.9	140.4603245	34.37
231.7	188.0594614	34.88	1.551	223.1	163.5761126	34.53
212.2	144.4543929	35.22	2.31	200.4	133.042617	34.78
223.3	164.0325631	35.01	3.126	219.4	155.8985853	34.51
220.4	157.837148	34.96	3.161	214.6	147.8201441	34.44
197.6	131.3833467	34.8	2.091	193.8	129.6842235	34.33
194.5	129.9510588	34.8	2.508	188.7	128.3444613	34.38
212.7	145.1219829	34.99	3.691	209.8	141.481181	34.6
206.7	138.1673439	35.01	3.265	203.4	135.2306555	34.56
199.1	132.2277664	34.82	3.335	196.5	130.8276183	34.32
216.1	150.1407104	34.91	2.721	212.7	145.1219829	34.45
220.5	158.0363201	34.8	2.032	214.7	147.9694733	34.35
200.2	132.9121422	35.05	2.899	196.7	130.9247236	34.67
228.7	178.2639076	35.24	3.203	226.2	171.1905949	34.78
232.5	190.9470722	34.97	2.636	227.9	175.9010607	34.45
232.9	192.4386028	34.84	2.721	227.8	175.6124958	34.35
202	134.1548834	34.67	2.718	200.3	132.977145	34.19
196.7	130.9247236	34.61	2.84	192.9	129.3710598	34.18
173.4	130.5013785	34.79	3.391	171.6	131.3833467	34.42
183.2	128.0542255	34.79	2.244	179.1	128.6080861	34.4
180.9	128.2833916	34.93	2.773	178.9	128.6521114	34.57
190.7	128.7449612	34.81	2.952	188.6	128.328602	34.39
202.7	134.6805694	34.67	2.469	200.9	133.3770516	34.27
212.1	144.3229273	34.7	2.695	207.2	138.6639767	34.31
226.5	171.9924951	34.65	2.232	222.9	163.1241775	34.21
203.6	135.3923691	34.96	2.651	199	132.1683105	34.6
224.6	167.1130196	35.3	3.414	223.1	163.5761126	34.89
223	163.3495837	35.19	2.992	219.9	156.8559046	34.67
238.1	178.969176	35.02	1.736	234.6	187.8032029	34.55
243.1	168.7295603	34.99	3.057	239.6	175.6274687	34.52

2.602	223.8	165.1937679	161.4981797	Yes
3.406	186.8	128.1104281	135.8296924	Yes
2.901	174.7	129.9510588	131.235408	Yes
3.634	184.9	128.0177548	131.1444382	Yes
2.611	193.9	129.7210908	134.7562978	Yes
2.492	224.5	166.8688935	164.8206961	Yes
2.091	237.5	180.3767538	175.1322853	Yes
1.709	230.2	182.967997	173.9623026	Yes
1.59	198.8	132.0507649	141.3466491	Yes
2.856	206.7	138.1673439	148.1975799	Yes
3.518	188.7	128.3444613	133.5558142	Yes
3.714	181.6	128.1916822	132.2985705	Yes
3.072	206.8	138.2655439	146.7744184	Yes
2.396	216.1	150.1407104	151.23323	Yes
1.435	220.5	158.0363201	151.6048511	Yes
2.803	238.9	177.156161	172.3868967	Yes
3.846	219.9	156.8559046	157.9539106	Yes
3.614	210.9	142.7974765	149.010799	Yes
3.626	215.3	148.8813884	153.4647722	Yes
3.62	213.4	146.0858429	150.8252438	Yes
2.399	231	185.6327901	176.4169957	Yes
1.594	208.9	140.4603245	148.6915869	Yes
1.939	232.8	192.0626612	176.6771344	Yes
2.495	207.8	139.278727	147.3458749	Yes
3.63	228	176.1911131	164.8685448	Yes
3.813	221.5	160.0831011	159.3142017	Yes
2.26	197.9	131.5441627	139.8264263	Yes
2.928	194.2	129.8341932	137.2818599	Yes
4.225	216.1	150.1407104	152.2627647	Yes
3.769	207.7	139.1748294	146.918526	Yes
3.694	202.3	134.3772185	139.0648757	Yes
3.232	218.9	154.96461	156.7683629	Yes
2.489	221.5	160.0831011	158.7877292	Yes
3.382	202.6	134.6039881	145.2915481	Yes
3.82	233.1	192.0882584	176.0867392	Yes
3.236	235.5	185.382728	177.9275084	Yes
3.349	233.6	190.6237893	175.6320734	Yes
3.197	208.1	139.5939084	144.4321058	Yes
3.245	197.8	131.490113	139.701674	Yes
3.842	176.1	129.4377621	130.8311428	Yes
2.671	186.3	128.0723698	130.9754822	Yes
3.189	182.7	128.0864199	130.3848043	Yes
3.225	194.3	129.8727295	135.4350888	Yes
2.706	207.3	138.7650022	145.5311851	Yes
3.05	214.4	147.5237341	149.4302926	Yes
2.722	227.3	174.1916691	169.9080735	Yes
3.229	206.3	137.780123	147.4846506	Yes
4.007	230.8	184.9559525	169.8532453	Yes
3.805	227.1	173.6334397	164.7298269	Yes
2.175	243	168.9104738	171.0692549	Yes
3.762	248	160.8957315	161.9475643	Yes

9/12/2019	15:18	36.09	1.842
9/12/2019	15:19	35.7	1.618
9/12/2019	15:20	35.38	1.401
9/12/2019	15:21	35.54	1.162
9/12/2019	15:22	35.81	0.99
9/12/2019	15:23	35.72	1.975
9/12/2019	15:24	35.4	2.462
9/12/2019	15:25	35.47	2.144
9/12/2019	15:26	35.71	1.835
9/12/2019	15:27	36.01	1.301
9/12/2019	15:28	36.17	1.785
9/12/2019	15:29	36.42	1.677
9/12/2019	15:30	36.43	1.996
9/12/2019	15:31	35.98	1.893
9/12/2019	15:32	35.26	2.286
9/12/2019	15:33	34.75	1.478
9/12/2019	15:34	34.43	1.576
9/12/2019	15:35	34.43	1.29
9/12/2019	15:36	34.69	1.196
9/12/2019	15:37	35.22	2.113
9/12/2019	15:38	34.98	1.923
9/12/2019	15:39	34.55	1.438
9/12/2019	15:40	34.24	1.571
9/12/2019	15:41	34.23	1.458
9/12/2019	15:42	34.57	1.247
9/12/2019	15:43	34.97	1.248
9/12/2019	15:44	35.3	0.957
9/12/2019	15:45	35.58	1.3
9/12/2019	15:46	35.88	0.926
9/12/2019	15:47	36.05	2.055
9/12/2019	15:48	36.01	0.773
9/12/2019	15:49	36.14	1.308
9/12/2019	15:50	36.14	1.143
9/12/2019	15:51	36.32	1.473
9/12/2019	15:52	36.41	1.891
9/12/2019	15:53	36.35	1.535
9/12/2019	15:54	36.2	2.251
9/12/2019	15:55	36	1.832
9/12/2019	15:56	36.01	2.03
9/12/2019	15:57	35.93	1.762
9/12/2019	15:58	35.94	1.698
9/12/2019	15:59	35.92	2.073
9/12/2019	16:00	35.93	1.702
9/12/2019	16:01	35.96	2.258
9/12/2019	16:02	35.78	1.934
9/12/2019	16:03	35.96	1.587
9/12/2019	16:04	36.02	1.53
9/12/2019	16:05	36.07	1.757
9/12/2019	16:06	35.85	0.88
9/12/2019	16:07	35.96	1.671
9/12/2019	16:08	36.11	2.329

260.2	148.5320061	35.87	1.898
266.7	145.2440439	35.49	1.809
266.3	145.3884291	35.15	1.513
266.3	145.3884291	35.35	1.282
264.5	146.1301527	35.65	1.258
240.3	174.1507045	35.55	2.301
263	146.8652868	35.16	2.704
258.5	149.7384694	35.23	2.319
243.6	167.8384137	35.48	1.927
225.6	169.6228634	35.81	1.585
228.5	177.6640101	35.98	2.023
220.3	157.6389568	36.25	2.176
232.7	191.6887683	36.26	2.677
223.3	164.0325631	35.79	2.314
229.6	181.0419634	35.04	2.55
255.6	152.1552339	34.52	1.601
253.6	154.1009172	34.24	1.885
202.2	134.3026158	34.24	1.69
201.2	133.5834127	34.52	1.812
196.9	131.0235708	35.1	2.331
205.4	136.9410396	34.86	2.204
225.1	168.3521774	34.4	1.794
219.4	155.8985853	34.08	1.903
195.4	130.3244035	34.06	2.015
194.5	129.9510588	34.42	1.603
231.1	185.9739218	34.86	1.569
231.5	187.3568179	35.21	1.138
227.9	175.9010607	35.51	1.556
236.1	183.8283932	35.81	1.201
243.6	167.8384137	35.96	2.534
204.9	136.4937737	35.86	0.864
274.4	143.8664765	36.01	1.464
239.8	175.2003149	36.05	1.216
269.2	144.5069269	36.22	1.567
258.7	149.5886665	36.31	1.75
260.5	148.3346233	36.24	2.048
244	167.1413681	36.02	2.526
235.4	185.6463296	35.78	2.324
237.6	180.1392477	35.78	2.571
242	170.7700049	35.7	2.182
264.8	145.9959883	35.7	1.812
258.6	149.6633025	35.72	2.426
249.7	158.6092822	35.73	2.003
263.5	146.6082498	35.76	2.392
260.1	148.5988232	35.57	2.12
241.4	171.9308504	35.73	1.808
250.7	157.3584661	35.83	1.763
231.5	187.3568179	35.88	2.051
218.1	153.51742	35.63	1.248
196.4	130.7797169	35.79	1.896
235.1	186.4450707	35.92	2.537

236.1	183.8283932	35.36	2.69
245.3	164.9703808	34.96	2.082
243.6	167.8384137	34.74	1.797
244.3	166.6276829	34.94	1.428
237.6	180.1392477	35.21	1.514
223.1	163.5761126	35.07	2.627
238	179.2008824	34.72	3.15
232.9	192.4386028	34.86	2.735
216.8	151.2846063	35.13	2.243
199.7	132.5941263	35.41	1.889
203.5	135.3112579	35.52	2.664
197	131.0736496	35.79	2.704
206.2	137.6847037	35.75	3.43
196.6	130.8759536	35.22	2.58
206.6	138.0697036	34.49	2.817
232.9	192.4386028	34.12	1.902
227.2	173.9118416	33.9	1.961
173.8	130.3244035	33.94	1.849
182.3	128.1192135	34.28	2.5
177	129.1505175	34.81	3.144
182.6	128.0940314	34.46	2.529
205.1	136.6710803	34.02	2.037
191.9	129.0621204	33.76	2.064
177.2	129.0911795	33.79	1.791
172.2	131.0736496	34.11	1.69
203.4	135.2306555	34.51	1.626
211.2	143.1699306	34.8	1.286
207.7	139.1748294	35.08	1.854
214.1	147.0846926	35.39	1.672
225.4	169.1107479	35.43	3.01
193.3	129.506112	35.33	0.988
250.9	157.1163888	35.47	1.701
216.3	150.4634796	35.53	1.261
247.1	162.1914802	35.69	1.866
235.6	185.120437	35.81	2.315
234.7	187.5288517	35.72	2.53
217.2	151.9563603	35.47	2.949
213.8	146.6522652	35.26	2.804
214.7	147.9694733	35.27	2.962
216.4	150.6260744	35.2	2.902
240.1	174.5674412	35.18	2.209
233.6	190.6237893	35.25	2.83
229.9	181.9973899	35.29	2.275
240.9	172.92492	35.28	3.055
233.3	191.4980279	35.06	2.33
221.3	159.6656133	35.27	1.927
227.6	175.0397923	35.35	1.901
202.8	134.7576487	35.35	2.424
201	133.4453614	35.06	1.547
176.5	129.3060009	35.25	2.024
211.8	143.9325875	35.4	3.417

233	192.385621	34.98	2.602	229.3	180.1014276	34.54
241	172.724134	34.6	2.311	236.3	183.3205043	34.18
239.9	174.9883145	34.41	1.908	231.2	186.3168781	34.05
242.7	169.4586546	34.66	1.567	237.3	180.8553063	34.34
236.3	183.3205043	34.9	1.52	231.4	187.0083138	34.64
217.1	151.7871691	34.81	2.92	214.1	147.0846926	34.53
231.6	187.7071962	34.45	3.423	228.6	177.9631823	34.13
228.7	178.2639076	34.58	2.944	224.3	166.3842917	34.25
213.4	146.0858429	34.87	2.464	205.4	136.9410396	34.54
199	132.1683105	35.13	1.886	192	129.0911795	34.8
197.6	131.3833467	35.2	2.499	193.4	129.5409061	34.87
190.5	128.6977354	35.45	2.787	187.2	128.1479193	35.13
199.3	132.3480491	35.4	3.333	195.6	130.4120364	34.99
192.5	129.2425815	34.92	3.03	188.4	128.2980674	34.51
200.4	133.042617	34.25	3.205	199.2	132.2876789	33.92
230.8	184.9559525	33.94	2.001	220.5	158.0363201	33.7
221.3	159.6656133	33.73	2.287	214.4	147.5237341	33.48
171.7	131.3306282	33.77	2.173	169.7	132.4701664	33.59
180.7	128.3131374	34.11	2.312	172.6	130.8759536	33.97
175.5	129.6477719	34.62	3.166	170.8	131.8211113	34.39
179.3	128.565657	34.26	3.055	175	129.8341932	33.98
203.3	135.1505606	33.84	2.344	193.4	129.5409061	33.6
186.3	128.0723698	33.61	2.572	180.8	128.2980674	33.43
170.9	131.7648252	33.64	2.503	170.9	131.7648252	33.48
168.6	133.1749726	33.9	2.143	168.4	133.3092177	33.65
201.8	134.0091067	34.27	1.932	194	129.7583745	34.06
207.7	139.1748294	34.54	1.34	203.4	135.2306555	34.31
198.7	131.9926732	34.83	1.952	193.8	129.6842235	34.59
213.7	146.5095784	35.12	1.517	204.5	136.145503	34.9
218.4	154.0534207	35.11	3.231	218.6	154.4151969	34.73
196.3	130.7322487	34.96	1.046	197.4	131.2783518	34.63
246.2	163.5489495	35.12	1.617	237.2	181.0963649	34.84
220.2	157.4417417	35.19	1.394	216.2	150.3016928	34.89
243.9	167.3143222	35.33	1.864	237.1	181.3386201	35.01
234.4	188.3560461	35.47	2.363	228.5	177.6640101	35.16
232.5	190.9470722	35.38	2.725	229.2	179.7911758	35.01
211.9	144.0620273	35.11	3.12	210.5	142.3099249	34.71
205.3	136.8505178	34.92	2.964	203	134.9133063	34.56
206.7	138.1673439	34.96	3.196	207	138.4636301	34.63
210.2	141.9509679	34.9	2.715	207.3	138.7650022	34.56
233.8	190.048269	34.9	2.267	229.5	180.726811	34.56
228.9	178.8700569	34.97	3.089	227.2	173.9118416	34.62
225.7	169.8808638	35	2.544	223.7	164.9592071	34.65
233.1	192.0882584	34.96	3.271	232.5	190.9470722	34.57
225.4	169.1107479	34.68	2.682	224.5	166.8688935	34.26
216.1	150.1407104	34.93	2.185	215.1	148.5743588	34.65
224	165.6664139	35	2.164	220.2	157.4417417	34.65
196	130.5924354	34.98	2.475	194.3	129.8727295	34.56
193.1	129.4377621	34.7	1.504	188.6	128.328602	34.33
161.6	139.0715101	34.92	2.359	173.9	130.2812262	34.67
206.3	137.780123	35.07	3.413	204.9	136.4937737	34.78

3.54	234.5	188.0789318	178.5852759	Yes
2.88	245.5	164.6488595	166.1815845	Yes
2.245	239.2	176.4945334	170.2053138	Yes
1.911	247.6	161.4641376	164.7588421	Yes
1.946	238.9	177.156161	174.7508759	Yes
3.59	222.3	161.7949854	159.6787329	Yes
4.123	236.7	182.3197334	174.8112562	Yes
3.651	232.4	190.5792409	175.4809025	Yes
2.739	212.4	144.7193684	149.3738542	Yes
2.35	201.1	133.514148	139.3981255	Yes
3.174	197.1	131.1241663	141.0047374	Yes
3.306	194.4	129.9116845	135.0939891	Yes
4.128	201.5	133.7940871	145.1855289	Yes
3.264	195.5	130.3680067	136.5634344	Yes
3.568	206.4	137.8760949	144.4636116	Yes
2.562	231.4	187.0083138	174.9188846	Yes
2.648	223.3	164.0325631	159.8469339	Yes
2.534	178.2	128.8188092	131.4493246	Yes
2.96	180.6	128.328602	129.8440639	Yes
3.936	177.4	129.0334674	130.1352878	Yes
3.413	180.5	128.3444613	130.3558765	Yes
2.968	200.1	132.8476073	140.5124663	Yes
2.797	187.8	128.2159189	133.9094123	Yes
2.565	175.2	129.7583745	130.5407216	Yes
2.246	173.3	130.5466922	131.6111182	Yes
2.155	204.7	136.3185854	144.2581288	Yes
1.392	209.5	141.1353782	149.2135223	Yes
2.172	201.3	133.6531567	142.0811887	Yes
1.974	210.1	141.8325805	151.0801495	Yes
3.706	223.6	164.7258126	162.0287183	Yes
1.143	202.9	134.8352272	132.5691427	Yes
1.933	247	162.3392225	161.5934804	Yes
1.667	227.4	174.472931	161.576032	Yes
2.298	240.7	173.3294827	165.7361664	Yes
2.918	237	181.5820782	176.4622476	Yes
3.18	236.6	182.5680669	177.833958	Yes
3.686	218.5	154.2338617	151.9407085	Yes
3.36	208.4	139.914364	148.7953566	Yes
3.802	210.7	142.5524154	149.4584221	Yes
3.23	214.5	147.6715655	149.956723	Yes
2.794	237.2	181.0963649	174.4869749	Yes
3.573	233.5	190.9137326	176.7965446	Yes
2.886	231.1	185.9739218	172.284133	Yes
3.896	239.7	175.4133646	175.596373	Yes
2.897	230.7	184.6202228	172.139343	Yes
2.467	222.9	163.1241775	158.6871421	Yes
2.535	226.7	172.5339195	165.6080667	Yes
2.898	201.7	133.9369487	143.303316	Yes
1.679	201.1	133.514148	135.6486587	Yes
2.414	176.5	129.3060009	131.748891	Yes
4.172	210.1	141.8325805	149.2968271	Yes

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9/12/2019	16:37	35.3	1.739
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263.9	146.4112828	35.78	2.593
280.2	144.5555056	35.66	2.253
258	150.1223115	35.59	1.847
256.3	151.5291125	35.66	1.865
265.8	145.579304	35.7	2.187
245.4	164.8092124	35.58	2.265
236.7	182.3197334	35.44	2.743
232.1	189.4876488	35.43	2.141
247.8	161.1784514	35.57	1.739
240	174.7773583	35.3	1.564
248.1	160.7554768	35.21	1.677
203.9	135.6387698	35.37	2.332
193.5	129.5761138	35.34	1.951
212.2	144.4543929	35.37	1.918
225.5	169.3661605	35.44	1.912
245.1	165.2951784	35.39	1.902
240.9	172.92492	35.42	2.053
274.9	143.8675721	35.25	2.081
280.2	144.5555056	34.63	1.755
280	144.5069269	34.11	1.996
282.6	145.2794496	33.85	2.141
276.7	143.962286	34.08	2.201
277.5	144.0500767	34.48	1.873
271.6	144.0630334	34.78	2.331
250.6	157.480505	34.84	2.034
267.5	144.9772949	34.97	1.589
245.9	164.0155381	35.15	2.058
246.1	163.7036852	35.09	2.26
247.3	161.8982783	35.05	2.078
247.2	162.0444998	35.01	2.553
269.1	144.530992	34.95	2.021
260.1	148.5988232	34.89	2.099
259.8	148.802358	35.05	1.815
264.3	146.2219614	35.02	2.204
251.6	156.2898875	35.02	2.04
259.3	149.1519294	35.09	1.935
252	155.8318976	35.2	1.996
238.7	177.6027217	35.18	2.192
231.2	186.3168781	35.1	2.446
246.4	163.2418433	34.99	2.58
248	160.8957315	34.91	2.285
246.2	163.5489495	34.86	2.072
266.4	145.3516416	34.73	2.105
258.3	149.8904009	34.32	2.315
263.8	146.4598058	33.82	2.087
261.5	147.7095994	33.53	1.919
265.1	145.8660653	33.56	1.997
254	153.6927882	33.9	1.118
240.8	173.1267013	34.33	1.585
251.4	156.5227599	34.68	1.504

215.6	149.347741	35.32	2.848
239.4	176.0588609	35.29	3.075
258	150.1223115	35.2	2.886
234.8	187.2558705	35.14	2.176
232.3	190.2134023	35.23	2.096
239.3	176.2761595	35.26	2.558
225.9	170.4007875	35.12	2.623
213.4	146.0858429	34.99	3.445
212	144.1921397	35.01	2.553
224.2	166.1438025	35.15	2.168
220.1	157.2454979	34.85	1.721
223.9	165.4295013	34.81	2.096
182.4	128.1104281	34.96	3.328
175	129.8341932	34.89	2.588
186.9	128.1192135	34.88	2.346
200.7	133.2418584	34.93	2.461
219.8	156.6625457	34.86	2.62
217.8	152.989316	34.93	2.558
252.1	155.7190033	34.81	2.446
255.9	151.8834871	34.25	2.055
258.1	150.0444711	33.83	2.555
257.8	150.2796092	33.65	2.535
254.5	153.1961245	33.88	2.507
249.5	158.8676643	34.24	2.102
241.5	171.7349716	34.5	2.695
224.8	167.6049563	34.51	2.389
243	168.9104738	34.65	1.843
227.7	175.3254093	34.8	2.57
224.5	166.8688935	34.71	2.773
216.6	150.9537025	34.67	2.647
222.5	162.2336611	34.64	2.736
239	176.9345288	34.55	2.466
238.1	178.969176	34.52	2.353
237.3	180.8553063	34.71	2.158
241.5	171.7349716	34.63	2.582
227.4	174.472931	34.66	2.446
235.6	185.120437	34.72	2.113
226.9	173.0808789	34.82	2.605
219.2	155.5222256	34.8	2.902
204.3	135.9745142	34.7	3.014
222.2	161.577273	34.59	3.187
224.7	167.3583715	34.53	2.648
224	165.6664139	34.48	2.4
245.8	164.1726616	34.36	2.331
232.7	191.6887683	33.98	2.376
237.8	179.6677453	33.56	2.351
238	179.2008824	33.33	2.201
237.6	180.1392477	33.38	2.141
237.1	181.3386201	33.7	1.472
215	148.4219956	34.08	1.503
227.3	174.1916691	34.39	1.578

210.6	142.43085	34.98	3.04	210.2	141.9509679	34.63
235.5	185.382728	34.96	3.244	232.7	191.6887683	34.57
253.4	154.3086209	34.88	3.031	247.3	161.8982783	34.45
227.7	175.3254093	34.79	2.353	222.6	162.4546358	34.38
226.8	172.8067032	34.88	2.291	223.5	164.4935779	34.54
232.9	192.4386028	34.92	2.983	231.1	185.9739218	34.56
219.2	155.5222256	34.79	2.809	217.5	152.4689987	34.43
203.7	135.4739906	34.69	3.495	204.1	135.8056071	34.35
205	136.5821614	34.72	2.698	203.8	135.5561236	34.43
216.9	151.4512959	34.86	2.321	215.2	148.7274886	34.58
213.7	146.5095784	34.57	1.949	209.5	141.1353782	34.26
218.1	153.51742	34.54	2.117	216.1	150.1407104	34.28
177.4	129.0334674	34.68	3.199	175.2	129.7583745	34.42
172.2	131.0736496	34.6	2.512	168.1	133.514148	34.39
183	128.065931	34.61	2.399	177.9	128.8962779	34.36
192.3	129.1807975	34.65	2.455	188.8	128.3607156	34.39
209.7	141.3652945	34.54	2.442	208.5	140.0223639	34.29
210.8	142.6746234	34.65	2.59	209.4	141.0213439	34.42
245.8	164.1726616	34.59	2.693	240.2	174.3585583	34.34
253.8	153.8956445	34.06	2.214	246.9	162.4877295	33.83
254.6	153.0985737	33.68	2.589	246.2	163.5489495	33.49
255.2	152.5255981	33.5	2.773	247.9	161.0367221	33.36
250.4	157.7265948	33.7	2.796	243.6	167.8384137	33.55
248.9	159.6596036	34.05	2.385	242.1	170.5798662	33.85
233.8	190.048269	34.29	2.955	230.3	183.2949574	34.05
219.9	156.8559046	34.29	2.549	218.2	153.695204	34.05
240.8	173.1267013	34.41	1.922	235.9	184.3413566	34.18
220.8	158.6397721	34.56	2.555	217.9	153.1644801	34.33
216.8	151.2846063	34.49	2.801	214.2	147.2303008	34.23
209.3	140.9079226	34.44	2.64	205.5	137.032099	34.18
215.7	149.5047542	34.41	3.175	215	148.4219956	34.15
234.4	188.3560461	34.32	2.657	230.8	184.9559525	34.06
231.5	187.3568179	34.28	2.683	230.2	182.967997	34.04
230.1	182.6427564	34.48	2.308	227.8	175.6124958	34.29
232.2	189.8495428	34.41	2.905	230.6	184.28627	34.13
220.4	157.837148	34.43	2.678	218.6	154.4151969	34.2
226.3	171.4565408	34.48	2.364	223	163.3495837	34.26
223	163.3495837	34.58	2.635	219.9	156.8559046	34.38
209.7	141.3652945	34.57	2.844	210.3	142.0699862	34.37
196.4	130.7797169	34.48	3.121	193.1	129.4377621	34.28
213.1	145.6685335	34.38	3.366	214.8	148.1195561	34.21
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218.9	154.96461	34.28	2.635	215.2	148.7274886	34.11
239.7	175.4133646	34.16	2.706	234.3	188.6345537	33.98
232.1	189.4876488	33.81	2.867	222.6	162.4546358	33.63
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235	186.7139875	33.24	2.401	225.3	168.856618	33.11
236.2	183.5738179	33.29	2.464	225.5	169.3661605	33.18
239.2	176.4945334	33.59	1.326	225.5	169.3661605	33.5
213.4	146.0858429	33.92	1.924	205.1	136.6710803	33.85
220.7	158.4376272	34.23	1.845	213	145.5308449	34.16

3.586	218.3	153.8738695	151.6366589	Yes
3.934	241.2	172.3255294	174.3734339	Yes
3.878	254.3	153.3930028	152.8555438	Yes
2.907	232	189.1277069	172.8571868	Yes
2.808	232.8	192.0626612	174.2210914	Yes
3.302	238.6	177.8276612	175.6191299	Yes
3.352	224.5	166.8688935	162.0140235	Yes
4.005	210	141.7148217	148.2799992	Yes
2.985	211.1	143.0451277	149.7726402	Yes
2.701	221.3	159.6656133	157.4333303	Yes
2.189	218	153.3405134	154.6016652	Yes
2.673	222	161.1450705	158.1976358	Yes
3.661	179.5	128.5248214	130.2131722	Yes
2.766	175.2	129.7583745	130.7512958	Yes
2.62	183.1	128.0598829	131.5191396	Yes
2.796	196.4	130.7797169	138.1858498	Yes
3.082	216.2	150.3016928	150.7294151	Yes
2.831	217.8	152.989316	152.5199039	Yes
3.286	248.2	160.6159553	159.7467501	Yes
2.836	255.7	152.0640803	152.9772894	Yes
3.3	253	154.7313813	153.1860605	Yes
3.54	254.7	153.0016129	152.4245984	Yes
3.276	252.3	155.4951241	155.6437086	Yes
2.966	253.2	154.5187706	157.5351963	Yes
3.6	234.9	186.9842516	175.2250966	Yes
3.04	227.7	175.3254093	162.1923958	Yes
2.459	246	163.8592137	167.0430081	Yes
3.251	226.1	170.9259926	164.4142384	Yes
3.514	222.5	162.2336611	158.2642294	Yes
3.178	212.9	145.3938588	147.2371722	Yes
3.66	221.6	160.2933984	156.4996618	Yes
3.343	238.6	177.8276612	174.5210361	Yes
3.216	236.9	181.8267455	175.9439119	Yes
2.786	236.1	183.8283932	174.3482619	Yes
3.457	236.9	181.8267455	174.7838983	Yes
3.164	226.9	173.0808789	163.2192085	Yes
2.888	231.1	185.9739218	171.0104825	Yes
3.291	227.4	174.472931	164.7182392	Yes
3.326	217.1	151.7871691	153.6694794	Yes
3.563	201.8	134.0091067	143.3035956	Yes
3.886	219.7	156.470139	155.015469	Yes
3.419	223.2	163.8037704	159.0246508	Yes
3.116	222.6	162.4546358	159.0724195	Yes
3.202	242.9	169.0922914	168.5329026	Yes
3.226	231.2	186.3168781	175.9676664	Yes
3.167	237.1	181.3386201	173.520907	Yes
3.037	233.3	191.4980279	174.7958231	Yes
2.985	233.7	190.3353042	173.8561191	Yes
1.995	235.3	185.9112491	173.3606703	Yes
2.055	215.5	149.1915112	150.6994263	Yes
2.055	220.1	157.2454979	158.3856798	Yes

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9/12/2019	17:16	34.54	1.619
9/12/2019	17:17	34.63	1.265
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9/12/2019	17:19	34.68	1.667
9/12/2019	17:20	34.67	1.528
9/12/2019	17:21	34.65	2.082
9/12/2019	17:22	34.51	1.772
9/12/2019	17:23	34.5	1.717
9/12/2019	17:24	34.52	1.584
9/12/2019	17:25	34.48	2.457
9/12/2019	17:26	34.4	1.64
9/12/2019	17:27	34.41	1.792
9/12/2019	17:28	34.29	2.824
9/12/2019	17:29	34.2	2.206
9/12/2019	17:30	34.16	2.298
9/12/2019	17:31	34.18	1.572
9/12/2019	17:32	34.26	1.512
9/12/2019	17:33	34.33	1.417
9/12/2019	17:34	34.34	1.588
9/12/2019	17:35	34.36	1.855
9/12/2019	17:36	34.28	1.907
9/12/2019	17:37	34.21	1.832
9/12/2019	17:38	34.1	1.973
9/12/2019	17:39	34.06	1.955
9/12/2019	17:40	33.99	1.705
9/12/2019	17:41	33.98	1.802
9/12/2019	17:42	34.03	1.201
9/12/2019	17:43	34.09	1.271
9/12/2019	17:44	34.06	1.743
9/12/2019	17:45	34.04	1.955
9/12/2019	17:46	33.92	2.202
9/12/2019	17:47	33.85	2.039
9/12/2019	17:48	33.84	1.228
9/12/2019	17:49	33.84	1.763
9/12/2019	17:50	33.83	1.147

258.6	149.6633025	34.9	1.656
245.5	164.6488595	34.91	1.206
246.9	162.4877295	35	1.569
240.7	173.3294827	34.98	2.097
274.7	143.8658191	34.86	2.47
258.2	149.967168	34.6	2.943
248.5	160.201762	34.49	2.408
248.1	160.7554768	34.41	2.37
256.6	151.2692438	34.4	2.047
257.4	150.6007104	34.46	2.102
261.4	147.7698413	34.49	1.946
242	170.7700049	34.51	1.869
245.2	165.1323684	34.53	2.07
216.9	151.4512959	34.53	2.447
214.3	147.3766469	34.44	2.153
222.3	161.7949854	34.43	2.132
219.3	155.7099409	34.46	1.855
216.9	151.4512959	34.54	1.744
237.3	180.8553063	34.59	1.709
237.3	180.8553063	34.61	1.767
230	182.3192244	34.59	1.95
261	148.0158154	34.57	2.513
253.6	154.1009172	34.42	2.173
239.3	176.2761595	34.39	1.913
227.1	173.6334397	34.41	2.014
224.4	166.6259865	34.4	2.714
235.5	185.382728	34.31	1.991
211.3	143.2953883	34.32	2.302
225.2	168.6037636	34.23	3.293
227.6	175.0397923	34.13	2.724
220	157.0502204	34.08	2.535
223.3	164.0325631	34.11	2.112
218.2	153.695204	34.2	1.785
222.2	161.577273	34.28	1.984
230.3	183.2949574	34.28	1.844
228.5	177.6640101	34.29	2.404
237.5	180.3767538	34.19	2.327
240.6	173.5332689	34.12	2.235
235.2	186.1774937	34	2.412
222.5	162.2336611	33.96	2.202
217.8	152.989316	33.91	2.089
237.6	180.1392477	33.89	2.233
229	179.1755005	33.95	1.792
242.6	169.6432085	34.02	1.731
230.1	182.6427564	33.99	2.118
229.4	180.4133026	33.98	2.437
225.8	170.1401693	33.85	2.507
232.3	190.2134023	33.78	2.477
224.7	167.3583715	33.77	1.467
217.2	151.9563603	33.78	2.079
228.4	177.3663815	33.77	1.734

230.7	184.6202228	34.55	1.846
225	168.1018522	34.51	1.488
229.4	180.4133026	34.59	1.816
217.9	153.1644801	34.57	2.432
247.6	161.4641376	34.47	2.993
233.8	190.048269	34.24	3.334
227.5	174.7556358	34.17	2.931
226.7	172.5339195	34.09	2.653
234.9	186.9842516	34.08	2.402
234.4	188.3560461	34.15	2.181
238.3	178.509184	34.17	2.108
223.2	163.8037704	34.19	2.051
220.7	158.4376272	34.19	2.313
192.9	129.3710598	34.19	2.738
189.4	128.4665503	34.08	2.505
198.1	131.6535994	34.06	2.657
196.4	130.7797169	34.1	2.215
197.8	131.490113	34.16	2.325
212.4	144.7193684	34.19	1.888
214.6	147.8201441	34.19	1.816
205.6	137.1236975	34.19	1.983
230.6	184.28627	34.18	2.596
228.3	177.070287	34.06	2.437
217.6	152.6415793	34.04	2.036
203.8	135.5561236	34.06	2.205
195.8	130.5013785	34.04	2.979
215.9	149.8211447	33.96	2.189
191.8	129.0334674	34	2.47
197.2	131.1751217	33.91	3.383
202.7	134.6805694	33.83	2.684
196.4	130.7797169	33.79	2.882
202.1	134.2285045	33.82	2.428
201.6	133.8652759	33.9	1.722
191.2	128.870052	33.96	2.048
207.9	139.3832047	33.95	2.017
205.4	136.9410396	33.96	2.207
210.1	141.8325805	33.86	2.404
214.8	148.1195561	33.78	2.369
210.8	142.6746234	33.69	2.722
199.9	132.7199372	33.67	2.169
197.2	131.1751217	33.62	2.334
213.3	145.9460296	33.6	2.262
210.8	142.6746234	33.67	1.73
215.9	149.8211447	33.74	1.911
207.1	138.5635199	33.71	2.291
207	138.4636301	33.69	2.528
200.3	132.977145	33.57	2.69
202.8	134.7576487	33.51	2.378
205.8	137.3085186	33.52	1.546
193.1	129.4377621	33.5	2.242
201.5	133.7940871	33.49	1.749

222.5	162.2336611	34.34	2.086	218.7	154.5974305	34.2
222.7	162.6767095	34.27	1.504	215.8	149.6625543	34.11
219.4	155.8985853	34.36	1.857	214.8	148.1195561	34.27
209.7	141.3652945	34.35	2.751	209.3	140.9079226	34.24
244.6	166.1216858	34.27	3.133	239.5	175.8426324	34.14
227.7	175.3254093	34.05	3.739	224.9	167.8527808	33.88
221.2	159.4584123	34	3.045	216.2	150.3016928	33.86
221.7	160.5047386	33.93	3.073	219.1	155.335435	33.78
227.3	174.1916691	33.92	2.652	223.6	164.7258126	33.79
232.6	191.31691	33.99	2.596	226.1	170.9259926	33.87
236.5	182.8176355	34.01	2.424	230.5	183.9540825	33.89
219.1	155.335435	34.02	2.443	214.5	147.6715655	33.9
216.6	150.9537025	34.03	2.593	212	144.1921397	33.91
189	128.3944101	34.04	3.151	184.8	128.0167799	33.93
183.9	128.0255546	33.94	2.869	182.1	128.1379589	33.84
191.4	128.9229071	33.92	2.85	186.8	128.1104281	33.84
194.1	129.7960751	33.96	2.508	189	128.3944101	33.91
195.3	130.2812262	34.01	2.298	189.2	128.4296876	33.97
208.7	140.2401479	34.03	2.124	200.6	133.1749726	33.99
211.8	143.9325875	34.04	2.157	205.1	136.6710803	33.99
201.4	133.7233811	34.03	2.419	197	131.0736496	34
227.7	175.3254093	34.04	3.087	221.7	160.5047386	33.97
223.9	165.4295013	33.93	2.761	216.5	150.7894808	33.83
217.3	152.1263931	33.91	2.451	207	138.4636301	33.82
198.6	131.9350344	33.93	2.485	191.4	128.9229071	33.85
191.3	128.8962779	33.92	3.365	189.5	128.4855767	33.86
215.2	148.7274886	33.84	2.676	206	137.4955162	33.79
189.8	128.5450401	33.89	2.947	183.8	128.0284797	33.87
191.8	129.0334674	33.81	4.129	189.7	128.5248214	33.75
198.6	131.9350344	33.73	3.426	194	129.7583745	33.68
193.6	129.6117355	33.69	3.32	188.3	128.2833916	33.64
200.6	133.1749726	33.72	2.715	190.6	128.7211479	33.69
200.6	133.1749726	33.79	2.208	189.3	128.4479207	33.78
187.9	128.2286266	33.85	2.485	183.8	128.0284797	33.83
207.4	138.8665983	33.83	2.382	197.7	131.436508	33.8
202.7	134.6805694	33.85	2.878	196.8	130.9739291	33.84
211.8	143.9325875	33.74	2.968	202.7	134.6805694	33.7
214.4	147.5237341	33.67	2.875	206.9	138.3643054	33.62
210.4	142.1896378	33.58	3.052	202.6	134.6039881	33.54
195.2	130.2384741	33.58	2.81	190.3	128.6521114	33.54
195.9	130.5466922	33.53	2.909	188.7	128.3444613	33.5
213.3	145.9460296	33.52	2.749	203.2	135.0709716	33.5
210.7	142.5524154	33.58	2.183	196.1	130.6386087	33.58
211.6	143.6757156	33.65	2.256	202.9	134.8352272	33.65
206.7	138.1673439	33.63	2.784	198.2	131.7089882	33.63
208.3	139.8069561	33.61	2.878	200.4	133.042617	33.6
199.6	132.5319155	33.49	3.272	192.2	129.1505175	33.47
204	135.7219305	33.43	3.082	194.8	130.0717042	33.43
209.8	141.481181	33.44	1.877	195.2	130.2384741	33.45
189.6	128.5050003	33.43	2.826	184.5	128.016195	33.44
203.2	135.0709716	33.42	2.207	192.9	129.3710598	33.44

2.615	225.9	170.4007875	164.3030809	Yes
1.868	227.8	175.6124958	164.1404943	Yes
2.256	220.8	158.6397721	161.1117891	Yes
3.11	217.3	152.1263931	152.1787146	Yes
3.992	246.6	162.9378699	162.0464289	Yes
4.367	230.8	184.9559525	173.6299159	Yes
3.925	223.3	164.0325631	161.7500132	Yes
3.563	227	173.356455	164.497205	Yes
3.263	231.4	187.0083138	172.8358582	Yes
3.028	235.5	185.382728	177.3164774	Yes
2.959	238.6	177.8276612	174.1756809	Yes
2.834	220.4	157.837148	159.0835847	Yes
3.255	220.6	158.2364782	155.3904632	Yes
3.684	191.8	129.0334674	133.2534026	Yes
3.185	186.6	128.0940314	132.0201484	Yes
3.391	192.8	129.3383252	135.9640491	Yes
2.938	197.2	131.1751217	135.1710529	Yes
2.854	196.1	130.6386087	134.4581863	Yes
2.541	208.2	139.7001382	147.7379867	Yes
2.449	214.9	148.2703958	151.5099028	Yes
2.639	203.3	135.1505606	143.8781026	Yes
3.763	227.5	174.7556358	168.5775738	Yes
3.449	224.3	166.3842917	162.7548956	Yes
2.943	217.3	152.1263931	154.326831	Yes
2.867	198.7	131.9926732	140.4080356	Yes
3.915	195.1	130.1961465	136.9410732	Yes
3.099	213.9	146.7956779	153.6445111	Yes
3.162	190.5	128.6977354	131.5200222	Yes
4.44	195.8	130.5013785	137.5677105	Yes
3.668	200.5	133.1085592	140.9044659	Yes
3.965	196.3	130.7322487	135.2914626	Yes
3.155	197.9	131.5441627	138.3402702	Yes
2.437	200	132.7835393	136.3933825	Yes
2.872	189.3	128.4479207	135.0304704	Yes
2.932	203.1	134.9918873	145.5946312	Yes
3.164	205.4	136.9410396	143.4401176	Yes
3.274	210.9	142.7974765	148.7239936	Yes
3.238	213.9	146.7956779	150.8673085	Yes
3.667	208	139.4882645	149.0268015	Yes
3.151	194.9	130.1127622	136.7913892	Yes
3.269	196.4	130.7797169	134.7670616	Yes
3.009	208.9	140.4603245	149.5125206	Yes
2.414	206.3	137.780123	146.5642542	Yes
2.676	207.9	139.3832047	147.4717001	Yes
3.102	207.2	138.6639767	145.949317	Yes
3.406	208.6	140.1309578	146.3714927	Yes
3.676	199.1	132.2277664	139.4055028	Yes
3.294	205	136.5821614	145.4693694	Yes
2.325	204	135.7219305	142.4216951	Yes
3.25	190	128.5866722	133.300398	Yes
2.602	199.4	132.4088779	141.6022756	Yes

9/12/2019	17:51	33.81	1.822
9/12/2019	17:52	33.7	1.842
9/12/2019	17:53	33.65	2.024
9/12/2019	17:54	33.56	1.816
9/12/2019	17:55	33.49	1.748
9/12/2019	17:56	33.45	1.829
9/12/2019	17:57	33.41	1.945
9/12/2019	17:58	33.38	1.712
9/12/2019	17:59	33.36	1.265
9/12/2019	18:00	33.34	1.476
9/12/2019	18:01	33.33	1.513
9/12/2019	18:02	33.32	1.354
9/12/2019	18:03	33.29	1.403
9/12/2019	18:04	33.25	1.917
9/12/2019	18:05	33.21	1.499
9/12/2019	18:06	33.19	1.493
9/12/2019	18:07	33.15	1.612
9/12/2019	18:08	33.11	1.588
9/12/2019	18:09	33.07	1.581
9/12/2019	18:10	33.04	1.389
9/12/2019	18:11	33.02	1.373
9/12/2019	18:12	33.01	1.394
9/12/2019	18:13	32.98	1.001
9/12/2019	18:14	32.94	1.028
9/12/2019	18:15	32.9	1.083
9/12/2019	18:16	32.87	1.07
9/12/2019	18:17	32.85	1.01
9/12/2019	18:18	32.8	1.483
9/12/2019	18:19	32.75	1.137
9/12/2019	18:20	32.71	1.31
9/12/2019	18:21	32.67	1.145
9/12/2019	18:22	32.63	1.226
9/12/2019	18:23	32.58	1.457
9/12/2019	18:24	32.52	1.397
9/12/2019	18:25	32.47	1.298
9/12/2019	18:26	32.43	1.116
9/12/2019	18:27	32.4	0.952
9/12/2019	18:28	32.36	0.904
9/12/2019	18:29	32.32	1.387
9/12/2019	18:30	32.28	1.108
9/12/2019	18:31	32.24	0.943
9/12/2019	18:32	32.2	0.827
9/12/2019	18:33	32.15	1.039
9/12/2019	18:34	32.09	0.758
9/12/2019	18:35	32.02	1.046
9/12/2019	18:36	31.95	1.313
9/12/2019	18:37	31.89	1.118
9/12/2019	18:38	31.81	1.236
9/12/2019	18:39	31.74	1.2
9/12/2019	18:40	31.67	0.839
9/12/2019	18:41	31.6	1.058

222.6	162.4546358	33.75	2.452
216.3	150.4634796	33.63	2.303
219.8	156.6625457	33.59	2.348
218.4	154.0534207	33.5	2.621
205.1	136.6710803	33.44	2.175
219.9	156.8559046	33.4	2.28
232.4	190.5792409	33.36	2.407
227.7	175.3254093	33.33	2.247
202.8	134.7576487	33.31	1.818
228	176.1911131	33.29	1.96
229.6	181.0419634	33.29	2.034
221.7	160.5047386	33.27	1.805
224	165.6664139	33.24	1.777
217.4	152.2972712	33.2	2.244
231.2	186.3168781	33.16	1.863
223.1	163.5761126	33.13	1.86
212.8	145.2575724	33.1	1.942
222.9	163.1241775	33.06	2.188
218.6	154.4151969	33.03	2.144
220.3	157.6389568	33	1.773
219.4	155.8985853	32.98	1.786
230.1	182.6427564	32.97	1.914
222.2	161.577273	32.92	1.508
220.7	158.4376272	32.89	1.69
227.3	174.1916691	32.86	1.521
226.8	172.8067032	32.83	1.488
222.3	161.7949854	32.8	1.308
226.8	172.8067032	32.76	1.84
228.4	177.3663815	32.71	1.53
231.5	187.3568179	32.67	1.771
234.1	189.1957803	32.63	1.507
224.1	165.9045121	32.59	1.761
222.3	161.7949854	32.54	1.943
234.2	188.9144624	32.49	1.77
221.5	160.0831011	32.44	1.671
230.5	183.9540825	32.4	1.298
220.6	158.2364782	32.36	1.249
222.6	162.4546358	32.33	1.395
223.1	163.5761126	32.3	1.684
225.9	170.4007875	32.27	1.387
226.8	172.8067032	32.22	1.242
219.5	156.0881634	32.18	1.123
229.6	181.0419634	32.13	1.323
227.6	175.0397923	32.08	0.93
225.8	170.1401693	32.01	1.438
216.6	150.9537025	31.94	1.383
229.7	181.3587702	31.88	1.327
224.1	165.9045121	31.81	1.402
211.8	143.9325875	31.74	1.304
218.7	154.5974305	31.67	1.145
212	144.1921397	31.61	1.26

194.4	129.9116845	33.47	2.368
196.8	130.9739291	33.37	2.26
195.1	130.1961465	33.33	2.459
193.3	129.506112	33.26	2.63
186.8	128.1104281	33.21	2.252
192.4	129.2114853	33.16	2.395
204.5	136.145503	33.13	2.461
204.3	135.9745142	33.11	2.212
181.8	128.1690162	33.09	1.862
200.6	133.1749726	33.07	1.982
203.2	135.0709716	33.07	1.983
195.8	130.5013785	33.05	1.849
204.3	135.9745142	33.03	1.993
195.4	130.3244035	32.99	2.023
201.5	133.7940871	32.95	2.161
196.4	130.7797169	32.93	1.907
192.8	129.3383252	32.89	1.968
198.4	131.8211113	32.86	2.242
192.8	129.3383252	32.83	2.1
194.8	130.0717042	32.8	1.867
198.5	131.8778474	32.79	1.824
203.5	135.3112579	32.77	2.17
200.6	133.1749726	32.73	1.819
194.9	130.1127622	32.7	1.632
198.4	131.8211113	32.66	1.628
200.1	132.8476073	32.63	1.657
198.2	131.7089882	32.61	1.412
198.5	131.8778474	32.56	1.813
201.9	134.0817512	32.52	1.496
204.2	135.8898012	32.49	1.816
204.3	135.9745142	32.46	1.609
197	131.0736496	32.42	1.574
193.9	129.7210908	32.39	1.95
202.4	134.4523139	32.34	1.947
197.1	131.1241663	32.29	1.82
199.9	132.7199372	32.25	1.395
197.8	131.490113	32.21	1.382
203.7	135.4739906	32.18	1.754
199.6	132.5319155	32.17	1.788
199.9	132.7199372	32.13	1.617
197.6	131.3833467	32.08	1.396
194.7	130.0310681	32.05	1.384
201.5	133.7940871	32	1.57
197.8	131.490113	31.95	1.214
196.4	130.7797169	31.88	1.702
191.3	128.8962779	31.83	1.593
200.9	133.3770516	31.78	1.69
196.4	130.7797169	31.71	1.509
186.2	128.065931	31.65	1.404
190.1	128.6080861	31.57	1.367
188.1	128.2552218	31.5	1.348

191.1	128.8442293	33.4	3.153	186.1	128.0598829	33.4
192.8	129.3383252	33.3	2.916	186.1	128.0598829	33.32
194	129.7583745	33.28	3.101	188.2	128.2691098	33.29
190.6	128.7211479	33.21	3.254	185.1	128.0208746	33.22
183.9	128.0255546	33.16	2.984	181.4	128.2159189	33.18
192.5	129.2425815	33.12	2.909	186	128.0542255	33.14
204.6	136.2317817	33.09	2.95	195.5	130.3680067	33.11
204.2	135.8898012	33.07	2.815	194.8	130.0717042	33.1
181.2	128.2417275	33.05	2.511	177.7	128.9499403	33.07
205.1	136.6710803	33.03	2.515	193.4	129.5409061	33.07
205.7	137.2158368	33.04	2.611	194.6	129.9908531	33.07
196.2	130.6852129	33.01	2.252	189.4	128.4665503	33.05
207.8	139.278727	32.99	2.217	194.3	129.8727295	33.03
197	131.0736496	32.96	2.801	188.9	128.3773651	32.99
202	134.1548834	32.92	2.426	194	129.7583745	32.96
197.1	131.1241663	32.9	2.398	187.8	128.2159189	32.94
191.1	128.8442293	32.86	2.591	184.1	128.0208746	32.91
199.2	132.2876789	32.84	2.822	192.8	129.3383252	32.87
192.2	129.1505175	32.81	2.769	184.7	128.016195	32.85
195.4	130.3244035	32.78	2.41	186.4	128.0791994	32.83
198.4	131.8211113	32.77	2.327	190.4	128.6747234	32.81
203.5	135.3112579	32.75	2.496	195.8	130.5013785	32.79
201.6	133.8652759	32.71	1.972	190.1	128.6080861	32.75
198	131.5986579	32.68	2.194	187.5	128.180153	32.73
199.9	132.7199372	32.65	2.098	192.2	129.1505175	32.71
199.3	132.3480491	32.62	1.989	192.1	129.120645	32.68
198.9	132.1093104	32.59	1.732	190.6	128.7211479	32.66
197.9	131.5441627	32.55	2.477	192.3	129.1807975	32.62
202.8	134.7576487	32.52	1.961	194.3	129.8727295	32.59
207.1	138.5635199	32.48	2.284	195.7	130.4564935	32.55
207.9	139.3832047	32.46	1.942	197.5	131.3306282	32.52
198	131.5986579	32.42	2.209	189.9	128.565657	32.48
192.1	129.120645	32.39	2.503	187.1	128.1379589	32.45
203.5	135.3112579	32.35	2.32	195.1	130.1961465	32.4
194.9	130.1127622	32.31	2.195	190.2	128.6298991	32.36
196.3	130.7322487	32.26	1.732	194	129.7583745	32.32
197.5	131.3306282	32.23	1.713	193.6	129.6117355	32.31
203.3	135.1505606	32.21	1.821	195.3	130.2812262	32.29
197.1	131.1241663	32.2	2.21	191.8	129.0334674	32.29
201.3	133.6531567	32.17	1.837	194.7	130.0310681	32.24
195.5	130.3680067	32.12	1.758	189.1	128.4118509	32.2
193.6	129.6117355	32.09	1.577	190.6	128.7211479	32.18
200.2	132.9121422	32.04	1.784	194.7	130.0310681	32.13
197.9	131.5441627	31.99	1.297	193	129.4042052	32.07
194.6	129.9908531	31.92	2.044	192.4	129.2114853	32.01
192.7	129.3060009	31.87	1.894	188.1	128.2552218	31.96
198.2	131.7089882	31.84	1.946	194.2	129.8341932	31.93
197.1	131.1241663	31.77	1.858	190.9	128.7937914	31.85
185.9	128.0489586	31.71	1.816	182.2	128.1283904	31.8
188.7	128.3444613	31.64	1.515	183.4	128.0440822	31.73
184.5	128.016195	31.57	1.748	184.2	128.0191197	31.67

3.414	191	128.8188092	135.6178484	Yes
3.209	192.9	129.3710598	133.6413353	Yes
3.517	192.9	129.3710598	134.8514473	Yes
3.602	188.2	128.2691098	133.714133	Yes
3.207	187	128.1283904	129.8302744	Yes
3.319	192	129.0911795	134.4910753	Yes
3.305	202.3	134.3772185	145.5403501	Yes
2.995	200.7	133.2418584	142.1006575	Yes
2.792	182.7	128.0864199	129.6409505	Yes
2.783	200.8	133.3092177	141.777458	Yes
2.682	202.5	134.5279034	143.5695057	Yes
2.637	197.1	131.1241663	136.2564093	Yes
2.653	201.9	134.0817512	140.9748272	Yes
2.879	195.4	130.3244035	134.4794186	Yes
3.058	198.3	131.7648252	143.1578097	Yes
2.716	193.6	129.6117355	136.66153	Yes
2.85	190.7	128.7449612	132.0411925	Yes
3.142	198	131.5986579	137.6339902	Yes
2.964	189.5	128.4855767	133.8811623	Yes
2.718	194.3	129.8727295	135.1973987	Yes
2.477	195.9	130.5466922	135.7637919	Yes
2.995	201.5	133.7940871	143.5121476	Yes
2.456	196.8	130.9739291	137.6399073	Yes
2.238	195.5	130.3680067	135.7394414	Yes
2.17	197.8	131.490113	139.8746696	Yes
2.258	196.4	130.7797169	139.5805443	Yes
1.955	195.5	130.3680067	136.9404877	Yes
2.607	199.2	132.2876789	139.5394379	Yes
2.12	200.2	132.9121422	141.7981306	Yes
2.54	202.6	134.6039881	145.3741241	Yes
2.245	205.7	137.2158368	146.6199929	Yes
2.14	197.2	131.1751217	137.6635196	Yes
2.647	193.2	129.4717308	135.6492822	Yes
2.601	200.8	133.3092177	144.4366797	Yes
2.433	193.4	129.5409061	135.898167	Yes
1.903	199.9	132.7199372	141.976916	Yes
1.897	198.7	131.9926732	136.5323257	Yes
2.285	202.6	134.6039881	139.5928802	Yes
2.449	198.4	131.8211113	137.6173546	Yes
2.103	201.2	133.5834127	140.0776724	Yes
1.887	196.6	130.8759536	138.7691722	Yes
1.847	195.5	130.3680067	134.9640243	Yes
2.062	200.9	133.3770516	142.2312625	Yes
1.499	197.6	131.3833467	139.772324	Yes
2.307	197.3	131.2265166	138.2697482	Yes
2.12	194.3	129.8727295	133.4567865	Yes
2.229	201	133.4453614	141.9448729	Yes
1.998	197.9	131.5441627	137.6292699	Yes
1.879	188.1	128.2552218	131.2862179	Yes
1.852	191.3	128.8962779	133.6980676	Yes
1.817	188.1	128.2552218	131.3475796	Yes

9/12/2019	18:42	31.52	0.788
9/12/2019	18:43	31.44	1.011
9/12/2019	18:44	31.36	1.004
9/12/2019	18:45	31.27	0.896
9/12/2019	18:46	31.15	0.895
9/12/2019	18:47	31.02	0.951
9/12/2019	18:48	30.88	0.737
9/12/2019	18:49	30.75	0.715
9/12/2019	18:50	30.67	0.854
9/12/2019	18:51	30.6	0.787
9/12/2019	18:52	30.55	0.907
9/12/2019	18:53	30.46	0.745
9/12/2019	18:54	30.38	1.02
9/12/2019	18:55	30.3	0.912
9/12/2019	18:56	30.23	0.978
9/12/2019	18:57	30.15	0.981
9/12/2019	18:58	30.05	0.787
9/12/2019	18:59	29.93	0.568
9/12/2019	19:00	29.81	0.649
9/12/2019	19:01	29.67	0.433
9/12/2019	19:02	29.55	0.608
9/12/2019	19:03	29.44	0.516
9/12/2019	19:04	29.31	0.685
9/12/2019	19:05	29.2	0.546
9/12/2019	19:06	29.08	0.621
9/12/2019	19:07	28.98	0.496
9/12/2019	19:08	28.89	0.54
9/12/2019	19:09	28.8	0.684
9/12/2019	19:10	28.72	0.613
9/12/2019	19:11	28.66	0.617
9/12/2019	19:12	28.61	0.572
9/12/2019	19:13	28.53	0.588
9/12/2019	19:14	28.45	0.458
9/12/2019	19:15	28.35	0.412
9/12/2019	19:16	28.24	0.501
9/12/2019	19:17	28.14	0.372
9/12/2019	19:18	28.09	0.54
9/12/2019	19:19	28.06	0.485
9/12/2019	19:20	27.98	0.43
9/12/2019	19:21	27.92	0.408
9/12/2019	19:22	27.86	0.454
9/12/2019	19:23	27.8	0.457
9/12/2019	19:24	27.74	0.402
9/12/2019	19:25	27.67	0.38
9/12/2019	19:26	27.59	0.396
9/12/2019	19:27	27.51	0.412
9/12/2019	19:28	27.44	0.489
9/12/2019	19:29	27.36	0.353
9/12/2019	19:30	27.27	0.342
9/12/2019	19:31	27.17	0.306
9/12/2019	19:32	27.07	0.295

219.1	155.335435	31.53	1.052
214.6	147.8201441	31.45	1.159
226.8	172.8067032	31.38	1.155
216	149.9805289	31.29	1.076
221.6	160.2933984	31.17	1.004
217.2	151.9563603	31.03	1.015
219.8	156.6625457	30.89	0.964
215.3	148.8813884	30.76	0.96
213.6	146.3676144	30.68	1.129
210.1	141.8325805	30.62	0.906
213.5	146.2263702	30.58	1.021
208.3	139.8069561	30.49	1.015
201.5	133.7940871	30.42	1.106
207.8	139.278727	30.36	1.013
204.5	136.145503	30.28	1.138
213.8	146.6522652	30.2	1.179
205.7	137.2158368	30.1	0.921
205.2	136.7605319	29.98	0.837
208.4	139.914364	29.85	0.748
202	134.1548834	29.71	0.715
204.5	136.145503	29.61	0.784
195.5	130.3680067	29.5	0.726
203.3	135.1505606	29.37	0.75
203.9	135.6387698	29.27	0.662
208.1	139.5939084	29.15	0.744
196.5	130.8276183	29.06	0.549
200.4	133.042617	28.97	0.728
203.2	135.0709716	28.89	0.733
200.7	133.2418584	28.83	0.665
200.9	133.3770516	28.77	0.706
199.6	132.5319155	28.72	0.713
195.3	130.2812262	28.65	0.693
196.4	130.7797169	28.56	0.704
193.6	129.6117355	28.46	0.549
196.7	130.9247236	28.35	0.558
200.3	132.977145	28.26	0.508
192.3	129.1807975	28.22	0.711
206	137.4955162	28.2	0.686
203.8	135.5561236	28.12	0.592
203.1	134.9918873	28.06	0.616
205.8	137.3085186	28.01	0.605
207.8	139.278727	27.96	0.618
207.6	139.0715101	27.9	0.548
210.1	141.8325805	27.83	0.517
204.9	136.4937737	27.76	0.503
211.3	143.2953883	27.68	0.529
209.8	141.481181	27.62	0.578
213.1	145.6685335	27.54	0.514
215.7	149.5047542	27.46	0.441
212	144.1921397	27.36	0.43
214.3	147.3766469	27.25	0.383

190.3	128.6521114	31.44	1.365
188.8	128.3607156	31.36	1.337
196.4	130.7797169	31.3	1.359
192.4	129.2114853	31.21	1.185
194.8	130.0717042	31.11	1.251
190.5	128.6977354	31	1.153
192.2	129.1505175	30.88	0.986
190.4	128.6747234	30.75	0.888
186.9	128.1192135	30.68	1.159
191	128.8188092	30.62	1.099
185.1	128.0208746	30.58	1.136
178.9	128.6521114	30.48	1.186
179.6	128.5050003	30.43	1.331
182.8	128.0791994	30.37	1.211
178.6	128.7211479	30.31	1.241
185.3	128.0255546	30.24	1.182
185.6	128.0355004	30.14	0.862
182.2	128.1283904	30.01	0.807
183.8	128.0284797	29.89	0.783
180.2	128.3944101	29.76	0.827
183.6	128.0355004	29.68	0.828
173.4	130.5013785	29.56	0.763
180.1	128.4118509	29.44	0.832
181.9	128.1582717	29.35	0.764
181.6	128.1916822	29.24	0.819
176.7	129.2425815	29.17	0.715
177.1	129.120645	29.09	0.786
178.8	128.6747234	29.04	0.865
183.5	128.0395961	28.99	0.841
177.1	129.120645	28.93	0.849
174.2	130.1542428	28.89	0.826
178.1	128.8442293	28.82	0.814
171.2	131.5986579	28.74	0.796
169.8	132.4088779	28.64	0.78
171.2	131.5986579	28.54	0.768
177.7	128.9499403	28.46	0.785
174.8	129.9116845	28.46	0.95
184.3	128.0177548	28.43	0.835
177	129.1505175	28.34	0.835
181.3	128.2286266	28.29	0.843
181.2	128.2417275	28.24	0.84
181.1	128.2552218	28.18	0.812
183.2	128.0542255	28.13	0.813
189.5	128.4855767	28.06	0.797
185.1	128.0208746	28.01	0.796
187.7	128.2036041	27.94	0.79
182.8	128.0791994	27.88	0.82
189.2	128.4296876	27.82	0.797
191.4	128.9229071	27.73	0.752
190	128.5866722	27.63	0.681
190.8	128.7691755	27.52	0.656

190.1	128.6080861	31.51	1.525	187.1	128.1379589	31.63
189.7	128.5248214	31.44	1.575	185.6	128.0355004	31.56
194.4	129.9116845	31.39	1.594	192.9	129.3710598	31.51
192.7	129.3060009	31.3	1.473	188.7	128.3444613	31.4
197.3	131.2265166	31.21	1.306	192.5	129.2425815	31.31
188.9	128.3773651	31.1	1.397	187.2	128.1479193	31.21
192.4	129.2114853	31	1.163	186.8	128.1104281	31.12
187.2	128.1479193	30.91	1.158	184.9	128.0177548	31.04
182.5	128.1020341	30.88	1.438	179.6	128.5050003	31.02
186.5	128.0864199	30.81	1.24	182.9	128.0723698	30.94
182.6	128.0940314	30.77	1.329	180.4	128.3607156	30.89
177.2	129.0911795	30.64	1.31	172.8	130.7797169	30.77
176.8	129.2114853	30.58	1.583	174	130.2384741	30.72
179.5	128.5248214	30.53	1.394	175.1	129.7960751	30.66
176.2	129.4042052	30.47	1.493	171.8	131.2783518	30.59
182.4	128.1104281	30.4	1.497	179.4	128.5450401	30.52
183	128.065931	30.31	1.202	180.2	128.3944101	30.44
180.5	128.3444613	30.19	1.135	174.9	129.8727295	30.31
181.2	128.2417275	30.08	1.023	176.6	129.2740865	30.22
176.6	129.2740865	29.97	1.001	172.6	130.8759536	30.13
178.7	128.6977354	29.9	1.047	173.4	130.5013785	30.08
173.7	130.3680067	29.8	0.985	169.6	132.5319155	30
179.2	128.5866722	29.68	1.054	173.9	130.2812262	29.91
179.9	128.4479207	29.59	0.982	173.9	130.2812262	29.83
179.6	128.5050003	29.47	0.979	172.2	131.0736496	29.71
173.7	130.3680067	29.41	0.944	170	132.2876789	29.68
172.8	130.7797169	29.34	0.963	171	131.7089882	29.62
174.6	129.9908531	29.29	1.057	170.1	132.2277664	29.57
177.9	128.8962779	29.25	1.006	173.2	130.5924354	29.53
172.2	131.0736496	29.2	1.097	169.9	132.3480491	29.49
172.7	130.8276183	29.15	0.98	169	132.9121422	29.44
172.3	131.0235708	29.09	1.049	169.4	132.6567999	29.39
166.3	134.8352272	29.02	1.04	164.6	136.2317817	29.34
167	134.3026158	28.95	0.964	164.6	136.2317817	29.33
167.3	134.0817512	28.86	0.932	165.7	135.3112579	29.29
173.2	130.5924354	28.82	0.961	170	132.2876789	29.28
165.9	135.1505606	28.83	1.08	166.8	134.4523139	29.29
176.9	129.1807975	28.77	0.998	173.1	130.6386087	29.18
176.4	129.3383252	28.69	0.952	173.2	130.5924354	29.12
178.6	128.7211479	28.65	0.903	174.7	129.9510588	29.05
176.6	129.2740865	28.6	0.953	174.1	130.1961465	28.97
177.1	129.120645	28.53	0.912	173	130.6852129	28.9
180.3	128.3773651	28.48	0.884	175	129.8341932	28.85
184.4	128.0167799	28.41	0.812	178.8	128.6747234	28.77
181.3	128.2286266	28.37	0.874	177	129.1505175	28.73
183.3	128.0489586	28.3	0.892	179.3	128.565657	28.68
180	128.4296876	28.24	0.838	175.7	129.5761138	28.61
182.1	128.1379589	28.18	0.857	178.4	128.7691755	28.55
186	128.0542255	28.09	0.76	180.9	128.2833916	28.45
183.7	128.031795	27.99	0.725	179.9	128.4479207	28.36
184.2	128.0191197	27.88	0.662	180.8	128.2980674	28.26

1.859	191.6	128.9773778	133.9421938	Yes
1.679	189.7	128.5248214	132.2532006	Yes
1.726	197.3	131.2265166	138.8191362	Yes
1.64	195	130.1542428	133.3993438	Yes
1.598	199.9	132.7199372	136.7108276	Yes
1.561	191.7	129.00522	133.2369201	Yes
1.361	192.3	129.1807975	134.4631548	Yes
1.355	190.6	128.7211479	132.4885868	Yes
1.654	185.6	128.0355004	131.8258725	Yes
1.583	187.9	128.2286266	131.0077612	Yes
1.522	186.4	128.0791994	131.7562382	Yes
1.622	182.9	128.0723698	131.2804667	Yes
1.815	181.3	128.2286266	129.9955347	Yes
1.66	182.8	128.0791994	130.7516044	Yes
1.663	177.5	129.00522	130.9108856	Yes
1.69	186	128.0542255	131.8775027	Yes
1.311	186.1	128.0598829	129.9543123	Yes
1.244	182.1	128.1379589	130.2488144	Yes
1.205	182.5	128.1020341	130.7121384	Yes
1.283	179.8	128.4665503	130.2331768	Yes
1.209	180.4	128.3607156	130.3481666	Yes
1.236	174.9	129.8727295	130.7284074	Yes
1.226	180.7	128.3131374	130.1486895	Yes
1.213	183.9	128.0255546	130.1103486	Yes
1.158	180.7	128.3131374	131.1354756	Yes
1.181	177.4	129.0334674	130.3518705	Yes
1.208	177.2	129.0911795	130.7486293	Yes
1.22	177.6	128.9773778	130.9883385	Yes
1.298	179.3	128.565657	129.8671649	Yes
1.325	175.8	129.5409061	131.0920603	Yes
1.18	174.6	129.9908531	131.2833544	Yes
1.254	174.7	129.9510588	130.551377	Yes
1.251	171.1	131.6535994	133.0197966	Yes
1.273	169.4	132.6567999	133.0423622	Yes
1.179	170.5	131.9926732	132.7818128	Yes
1.233	172.9	130.7322487	131.1078897	Yes
1.378	173.3	130.5466922	131.8484097	Yes
1.218	178	128.870052	130.8405458	Yes
1.234	179.4	128.5450401	130.6364884	Yes
1.21	179.6	128.5050003	130.0795442	Yes
1.217	178.1	128.8442293	130.7729417	Yes
1.189	178.9	128.6521114	131.1983836	Yes
1.166	182	128.1479193	130.6970427	Yes
1.124	184.2	128.0191197	131.0057561	Yes
1.122	182.1	128.1379589	130.0063503	Yes
1.075	184.9	128.0177548	131.2262726	Yes
1.129	182.3	128.1192135	131.1370791	Yes
1.017	183.9	128.0255546	131.806182	Yes
0.982	184.1	128.0208746	132.5572306	Yes
0.95	184.6	128.016	131.4549055	Yes
0.894	182.5	128.1020341	132.1130087	Yes

9/12/2019	19:33	26.97	0.353
9/12/2019	19:34	26.89	0.326
9/12/2019	19:35	26.79	0.235
9/12/2019	19:36	26.72	0.295
9/12/2019	19:37	26.64	0.248
9/12/2019	19:38	26.55	0.224
9/12/2019	19:39	26.47	0.227
9/12/2019	19:40	26.4	0.222
9/12/2019	19:41	26.33	0.204
9/12/2019	19:42	26.27	0.225
9/12/2019	19:43	26.21	0.233
9/12/2019	19:44	26.14	0.191
9/12/2019	19:45	26.07	0.234
9/12/2019	19:46	25.99	0.258
9/12/2019	19:47	25.93	0.309
9/12/2019	19:48	25.87	0.281
9/12/2019	19:49	25.81	0.357
9/12/2019	19:50	25.75	0.448
9/12/2019	19:51	25.7	0.443
9/12/2019	19:52	25.69	0.488
9/12/2019	19:53	25.69	0.422
9/12/2019	19:54	25.71	0.459
9/12/2019	19:55	25.75	0.404
9/12/2019	19:56	25.8	0.462
9/12/2019	19:57	25.84	0.41
9/12/2019	19:58	25.84	0.377
9/12/2019	19:59	25.83	0.343
9/12/2019	20:00	25.8	0.349
9/12/2019	20:01	25.77	0.336
9/12/2019	20:02	25.74	0.318
9/12/2019	20:03	25.7	0.279
9/12/2019	20:04	25.67	0.309
9/12/2019	20:05	25.65	0.299
9/12/2019	20:06	25.63	0.3
9/12/2019	20:07	25.6	0.279
9/12/2019	20:08	25.56	0.291
9/12/2019	20:09	25.52	0.283
9/12/2019	20:10	25.48	0.262
9/12/2019	20:11	25.43	0.257
9/12/2019	20:12	25.38	0.255
9/12/2019	20:13	25.33	0.295
9/12/2019	20:14	25.27	0.258
9/12/2019	20:15	25.22	0.158
9/12/2019	20:16	25.16	0.137
9/12/2019	20:17	25.1	0.162
9/12/2019	20:18	25.06	0.156
9/12/2019	20:19	25.01	0.224
9/12/2019	20:20	24.98	0.246
9/12/2019	20:21	24.95	0.163
9/12/2019	20:22	24.91	0.155
9/12/2019	20:23	24.86	0.212

205	136.5821614	27.16	0.413
203.8	135.5561236	27.08	0.398
208.5	140.0223639	26.99	0.299
208.3	139.8069561	26.91	0.356
216.7	151.1187431	26.84	0.283
224.2	166.1438025	26.74	0.226
231.9	188.7697038	26.66	0.237
245.7	164.3305874	26.59	0.239
227.6	175.0397923	26.52	0.25
223.5	164.4935779	26.48	0.282
229.5	180.726811	26.43	0.247
237	181.5820782	26.35	0.168
234.7	187.5288517	26.26	0.218
225	168.1018522	26.18	0.248
221.9	160.9305691	26.12	0.301
205.1	136.6710803	26.08	0.347
200.6	133.1749726	26.03	0.437
205.3	136.8505178	25.97	0.49
204.4	136.0597477	25.93	0.535
200.3	132.977145	25.92	0.525
201.4	133.7233811	25.92	0.545
200.6	133.1749726	25.94	0.471
211.7	143.8038178	25.98	0.545
215.7	149.5047542	26.03	0.521
226.1	170.9259926	26.07	0.457
229.7	181.3587702	26.08	0.384
240.1	174.5674412	26.05	0.323
251.9	155.945431	26.03	0.3
255.8	151.9734986	25.99	0.289
247.2	162.0444998	25.96	0.283
243.8	167.4881453	25.93	0.249
241.7	171.3461128	25.91	0.27
234.1	189.1957803	25.89	0.293
228.8	178.5661959	25.88	0.304
221.8	160.717127	25.86	0.3
221.4	159.8738411	25.84	0.304
217.5	152.4689987	25.8	0.315
225.1	168.3521774	25.75	0.292
214.4	147.5237341	25.71	0.293
195.8	130.5013785	25.66	0.304
145.6	164.7258126	25.6	0.29
128.6	173.5332689	25.54	0.259
114.8	153.294267	25.5	0.156
93.6	143.8875148	25.45	0.149
118.2	156.9963458	25.39	0.137
132.2	181.5820782	25.35	0.172
123.2	163.8592137	25.32	0.212
124.7	166.2895033	25.3	0.238
122.1	162.1914802	25.28	0.172
101.1	144.796372	25.24	0.169
31.7	143.8038178	25.2	0.169

180.5	128.3444613	27.43	0.698
181.2	128.2417275	27.35	0.666
183.1	128.0598829	27.27	0.579
182.3	128.1192135	27.19	0.625
191.1	128.8442293	27.13	0.568
200	132.7835393	27.02	0.436
205.7	137.2158368	26.93	0.483
217.5	152.4689987	26.87	0.462
203.4	135.2306555	26.83	0.476
198.5	131.8778474	26.81	0.482
203.4	135.2306555	26.77	0.463
209.6	141.2500277	26.68	0.36
203	134.9133063	26.58	0.419
193.4	129.5409061	26.49	0.476
189.8	128.5450401	26.44	0.532
175.9	129.506112	26.42	0.624
171.2	131.5986579	26.38	0.692
174.7	129.9510588	26.33	0.775
173.6	130.4120364	26.31	0.871
170.3	132.1093104	26.29	0.864
176.2	129.4042052	26.29	0.854
178.4	128.7691755	26.32	0.823
186.4	128.0791994	26.36	0.808
189.8	128.5450401	26.41	0.859
197.5	131.3306282	26.45	0.712
203.5	135.3112579	26.43	0.65
213.7	146.5095784	26.39	0.571
225.8	170.1401693	26.36	0.526
227.8	175.6124958	26.32	0.516
223.8	165.1937679	26.3	0.525
218.8	154.7805667	26.29	0.498
218.2	153.695204	26.29	0.501
208.5	140.0223639	26.29	0.551
200.9	133.3770516	26.3	0.559
191.3	128.8962779	26.29	0.518
191.9	129.0621204	26.28	0.555
188.1	128.2552218	26.26	0.516
190.7	128.7449612	26.22	0.521
185.3	128.0255546	26.18	0.491
174.6	129.9908531	26.13	0.458
138.6	184.28627	26.05	0.366
114.9	153.3930028	25.98	0.307
116.4	154.9464686	25.93	0.254
79.23	149.2019082	25.87	0.175
114.8	153.294267	25.79	0.215
123.6	164.489319	25.76	0.233
111.8	150.6007104	25.72	0.264
112.8	151.441929	25.68	0.335
112	150.7645356	25.66	0.237
85.1	145.8660653	25.62	0.198
27.36	138.8258913	25.57	0.143

177.1	129.120645	27.8	0.72	171.4	131.490113	28.18
176.2	129.4042052	27.72	0.704	171.5	131.436508	28.11
178.5	128.7449612	27.64	0.615	173.6	130.4120364	28.08
177.7	128.9499403	27.58	0.689	171	131.7089882	28.03
181.9	128.1582717	27.53	0.607	175.7	129.5761138	28.02
187.4	128.1690162	27.42	0.476	179.6	128.5050003	27.93
189.3	128.4479207	27.33	0.494	184.3	128.0177548	27.85
199.4	132.4088779	27.28	0.511	195.2	130.2384741	27.8
191.9	129.0621204	27.28	0.538	188.7	128.3444613	27.8
189.8	128.5450401	27.29	0.571	186.9	128.1192135	27.82
191.5	128.9499403	27.28	0.555	188.3	128.2833916	27.84
193.2	129.4717308	27.2	0.418	187.8	128.2159189	27.83
191.2	128.870052	27.08	0.43	186.6	128.0940314	27.75
184.5	128.016195	27	0.527	178.2	128.8188092	27.72
180	128.4296876	26.97	0.583	174	130.2384741	27.73
174.3	130.1127622	26.98	0.751	169.3	132.7199372	27.75
169.7	132.4701664	26.97	0.843	163.7	137.032099	27.79
171.9	131.2265166	26.93	0.903	165.3	135.6387698	27.79
171.7	131.3306282	26.91	0.959	166	135.0709716	27.77
170.9	131.7648252	26.89	0.965	165.4	135.5561236	27.75
173.6	130.4120364	26.87	0.929	168.7	133.1085592	27.71
176	129.4717308	26.86	0.885	172.5	130.9247236	27.65
181.5	128.2036041	26.88	0.899	177.7	128.9499403	27.62
184.2	128.0191197	26.92	0.836	181.6	128.1916822	27.58
189.5	128.4855767	26.93	0.768	188	128.2417275	27.53
194.6	129.9908531	26.88	0.652	194.2	129.8341932	27.44
201.8	134.0091067	26.83	0.613	202	134.1548834	27.4
212.4	144.7193684	26.8	0.561	212.3	144.586539	27.39
214.3	147.3766469	26.77	0.585	215.4	149.0360615	27.39
210.1	141.8325805	26.78	0.598	211.5	143.5482783	27.42
207.1	138.5635199	26.8	0.587	209	140.5713153	27.44
205.7	137.2158368	26.83	0.597	207.2	138.6639767	27.43
199.1	132.2277664	26.85	0.612	201.7	133.9369487	27.42
194.2	129.8341932	26.89	0.617	197.8	131.490113	27.42
190	128.5866722	26.88	0.582	193.1	129.4377621	27.4
188.9	128.3773651	26.88	0.594	189.4	128.4665503	27.39
186.4	128.0791994	26.87	0.576	188.3	128.2833916	27.36
188.4	128.2980674	26.85	0.593	189.7	128.5248214	27.32
185.5	128.031795	26.84	0.581	188.3	128.2833916	27.3
178.8	128.6747234	26.8	0.533	182.9	128.0723698	27.24
154.6	147.8201441	26.7	0.415	162.6	138.0697036	27.18
126.9	170.2024087	26.6	0.326	134.3	186.9842516	27.07
147.8	159.8738411	26.52	0.312	162.7	137.9726212	26.99
102.4	145.2090977	26.43	0.29	108.4	148.1418203	26.92
133.7	185.382728	26.32	0.255	146.6	162.4546358	26.78
137.5	188.0594614	26.25	0.248	143.1	170.9259926	26.66
126.1	168.7295603	26.19	0.311	134.1	186.4450707	26.56
123.3	164.0155381	26.13	0.38	124.7	166.2895033	26.47
122.8	163.2418433	26.1	0.258	141.3	175.9010607	26.41
100.6	144.6580519	26.06	0.369	104.3	145.9522103	26.35
71.24	156.7109346	26	0.185	105.8	146.658692	26.29

0.892	178	128.870052	130.8814866	Yes
0.94	175.5	129.6477719	130.8572673	Yes
0.922	175.8	129.5409061	131.3560301	Yes
0.943	174.4	130.0717042	131.7313605	Yes
0.908	178.1	128.8442293	133.3083174	Yes
0.75	179.7	128.4855767	136.817387	Yes
0.731	184.1	128.0208746	142.0944182	Yes
0.733	192.6	129.2740865	141.7442049	Yes
0.793	190.2	128.6298991	139.2613857	Yes
0.839	188.7	128.3444613	136.276028	Yes
0.804	188.7	128.3444613	140.307052	Yes
0.761	185.8	128.0440822	141.7127675	Yes
0.758	183.5	128.0395961	141.4891675	Yes
0.856	178.8	128.6747234	136.6304972	Yes
0.967	178.5	128.7449612	135.3777464	Yes
1.118	175.4	129.6842235	131.738823	Yes
1.251	171.1	131.6535994	133.1858991	Yes
1.363	171.7	131.3306282	132.9994982	Yes
1.428	173.4	130.5013785	132.6749525	Yes
1.393	173.2	130.5924354	132.5999679	Yes
1.374	176.8	129.2114853	131.1719334	Yes
1.308	179.1	128.6080861	130.1897377	Yes
1.169	184.2	128.0191197	131.4111363	Yes
1.222	188.5	128.3131374	132.5147468	Yes
1.062	192.9	129.3710598	137.670997	Yes
0.966	196.4	130.7797169	141.4549583	Yes
0.894	204.4	136.0597477	145.0601515	Yes
0.857	213.5	146.2263702	152.3235756	Yes
0.873	215.6	149.347741	154.6692887	Yes
0.916	212.7	145.1219829	151.5482219	Yes
0.872	210.6	142.43085	148.7668794	Yes
0.846	209.6	141.2500277	148.4342316	Yes
0.838	203.7	135.4739906	146.17137	Yes
0.852	200.9	133.3770516	141.3289211	Yes
0.811	196.3	130.7322487	135.6740176	Yes
0.808	194.2	129.8341932	135.122814	Yes
0.805	193.5	129.5761138	133.332585	Yes
0.777	194.6	129.9908531	136.7821761	Yes
0.766	193	129.4042052	132.2537361	Yes
0.732	189.8	128.5450401	129.156873	Yes
0.611	184	128.0230196	152.58499	Yes
0.439	175.6	129.6117355	162.7449335	Yes
0.526	185.4	128.0284797	146.8231355	Yes
0.295	151.8	152.2972712	147.7475224	Yes
0.328	175.9	129.506112	157.5268177	Yes
0.353	179.2	128.5866722	166.7287047	Yes
0.308	167.4	134.0091067	160.7287324	Yes
0.33	152.8	150.6260744	159.7325096	Yes
0.281	169.2	132.7835393	156.9764918	Yes
0.323	136.2	192.385621	154.7316641	Yes
0.161	138.1	185.9739218	154.3946515	Yes

9/12/2019	20:24	24.8	0.313
9/12/2019	20:25	24.72	0.411
9/12/2019	20:26	24.63	0.364
9/12/2019	20:27	24.55	0.321
9/12/2019	20:28	24.48	0.358
9/12/2019	20:29	24.4	0.356
9/12/2019	20:30	24.33	0.367
9/12/2019	20:31	24.27	0.26
9/12/2019	20:32	24.22	0.312
9/12/2019	20:33	24.19	0.333
9/12/2019	20:34	24.16	0.226
9/12/2019	20:35	24.13	0.366
9/12/2019	20:36	24.12	0.432
9/12/2019	20:37	24.12	0.32
9/12/2019	20:38	24.11	0.148
9/12/2019	20:39	24.08	0.222
9/12/2019	20:40	24.08	0.308
9/12/2019	20:41	24.06	0.28
9/12/2019	20:42	24.07	0.277
9/12/2019	20:43	24.06	0.198
9/12/2019	20:44	24.05	0.238
9/12/2019	20:45	24.04	0.293
9/12/2019	20:46	24.03	0.26
9/12/2019	20:47	24.02	0.255
9/12/2019	20:48	24.03	0.319
9/12/2019	20:49	24.05	0.285
9/12/2019	20:50	24.05	0.187
9/12/2019	20:51	24.02	0.176
9/12/2019	20:52	23.98	0.237
9/12/2019	20:53	23.95	0.28
9/12/2019	20:54	23.9	0.247
9/12/2019	20:55	23.87	0.271
9/12/2019	20:56	23.84	0.265
9/12/2019	20:57	23.81	0.212
9/12/2019	20:58	23.79	0.224
9/12/2019	20:59	23.78	0.206
9/12/2019	21:00	23.76	0.154
9/12/2019	21:01	23.73	0.124
9/12/2019	21:02	23.7	0.122
9/12/2019	21:03	23.68	0.081
9/12/2019	21:04	23.65	0.064
9/12/2019	21:05	23.63	0.055
9/12/2019	21:06	23.6	0.044
9/12/2019	21:07	23.57	0.06
9/12/2019	21:08	23.54	0.027
9/12/2019	21:09	23.52	0.078
9/12/2019	21:10	23.49	0.108
9/12/2019	21:11	23.47	0.156
9/12/2019	21:12	23.45	0.082
9/12/2019	21:13	23.43	0.051
9/12/2019	21:14	23.41	0.06

13.19	129.4683154	25.15	0.267
1.247	128.2355211	25.07	0.416
8.25	128.2762014	24.97	0.378
16	130.5924354	24.87	0.31
22.17	134.2803308	24.76	0.357
28.08	139.5727328	24.65	0.367
26.83	138.2951133	24.55	0.393
32.12	144.3491661	24.47	0.292
12.25	129.1656065	24.4	0.305
359.3	128.565657	24.34	0.314
15.05	130.1751417	24.29	0.209
45.66	169.7775074	24.24	0.41
60.25	174.2545031	24.22	0.508
51.82	188.4846884	24.25	0.374
54.02	189.4218545	24.24	0.201
84.8	145.9959883	24.21	0.322
77.41	150.5925767	24.22	0.415
72.83	154.914047	24.22	0.363
72.82	154.924848	24.25	0.356
68.64	160.0107008	24.25	0.268
61	172.724134	24.22	0.289
79.42	149.0668468	24.22	0.383
74.78	152.9244678	24.23	0.351
84.1	146.3156694	24.23	0.337
66.67	162.8322147	24.27	0.37
88.7	144.6317408	24.33	0.355
76.04	151.758426	24.35	0.283
137.2	189.1277069	24.31	0.258
123	163.5489495	24.26	0.335
138	186.3168781	24.22	0.382
135.5	190.3353042	24.17	0.355
133.7	185.382728	24.12	0.409
136.6	191.31691	24.1	0.383
140	179.7911758	24.07	0.338
142.9	171.4565408	24.05	0.334
152.5	151.1187431	24.05	0.306
174.7	129.9510588	24.04	0.213
187.6	128.1916822	24.01	0.144
199.2	132.2876789	23.97	0.149
231.2	186.3168781	23.93	0.098
241.4	171.9308504	23.89	0.076
314	192.5757179	23.85	0.057
331.1	153.51742	23.82	0.033
307.2	170.7700049	23.78	0.072
0	128.4296876	23.74	0.024
325.8	164.2624968	23.7	0.102
329.2	157.0502204	23.66	0.144
316	192.5757179	23.63	0.233
327.5	160.5047386	23.61	0.133
313.9	192.5757179	23.58	0.087
334.1	148.5743588	23.56	0.082

356.3	129.3710598	25.51	0.194
335.8	146.0858429	25.43	0.367
341.2	139.4882645	25.36	0.461
350.5	131.9926732	25.24	0.376
3.25	128.0515432	25.1	0.413
11.35	128.909542	24.99	0.392
10.03	128.5930545	24.88	0.413
18.8	132.0507649	24.79	0.342
358.3	128.7937914	24.72	0.34
337.1	144.3229273	24.65	0.33
354.1	130.1961465	24.58	0.249
23.87	135.613922	24.53	0.405
37.8	152.989316	24.54	0.506
30.8	142.6746234	24.57	0.451
41.92	160.9733845	24.56	0.242
59.92	174.9460399	24.51	0.37
53	192.385621	24.52	0.432
48.19	176.7463434	24.55	0.404
49.88	181.9332258	24.62	0.404
53.3	191.4980279	24.62	0.296
50.45	183.7886471	24.59	0.31
53.46	191.0301202	24.59	0.418
53.77	190.1342279	24.62	0.373
57.24	180.9997982	24.64	0.383
41.27	159.6033455	24.71	0.466
54.69	187.5562251	24.81	0.414
55.72	184.8074078	24.83	0.328
96.2	143.9217129	24.77	0.285
88.1	144.796372	24.72	0.383
97.6	144.0630334	24.67	0.396
99.1	144.310461	24.58	0.423
97.3	144.0254863	24.51	0.483
97	143.9919054	24.48	0.437
104	145.823697	24.46	0.301
108.5	148.2055809	24.45	0.265
116.6	155.1640479	24.47	0.259
139.7	180.726811	24.47	0.281
156.3	145.3938588	24.43	0.26
164.4	136.4059155	24.38	0.222
193.9	129.7210908	24.34	0.145
205.1	136.6710803	24.29	0.133
251.2	156.7582401	24.24	0.072
277.6	144.0630334	24.2	0.067
266.5	145.3153153	24.15	0.067
309.4	175.2003149	24.11	0.045
293.6	152.1552339	24.06	0.153
295.3	153.7939153	24.01	0.203
287.4	147.531862	23.97	0.356
293.3	151.8834871	23.94	0.26
278.7	144.234728	23.92	0.086
298.8	157.7265948	23.89	0.163

22.4	134.4523139	25.94	0.174	55.93	184.2640864	26.24
348.3	133.3770516	25.86	0.316	341	139.7001382	26.18
343.5	137.2158368	25.78	0.459	333.8	149.0360615	26.12
346.2	134.9133063	25.65	0.577	337.6	143.6757156	26
359.5	128.5248214	25.45	0.614	346	135.0709716	25.88
3.617	128.034843	25.29	0.583	346.1	134.9918873	25.78
6.43	128.0813245	25.18	0.58	348	133.5834127	25.72
14.25	129.8534091	25.1	0.472	357.8	128.9229071	25.65
3.425	128.0429241	25.01	0.457	350.6	131.9350344	25.54
340.2	140.5713153	24.93	0.482	333.7	149.1915112	25.41
349.5	132.5941263	24.86	0.414	338.9	142.0699862	25.29
21.6	133.8652759	24.81	0.528	0.982	128.2716514	25.22
34.95	148.3461005	24.81	0.616	19.19	132.2816671	25.19
27.93	139.4146615	24.84	0.577	13.51	129.5796573	25.16
36.57	150.9043502	24.85	0.421	22.61	134.6116239	25.13
57.26	180.9515865	24.8	0.516	41.37	159.8112647	25.1
48.17	176.6876418	24.83	0.56	30.97	142.8838588	25.11
40.47	157.9764652	24.9	0.471	22.23	134.3249449	25.13
38.13	153.5706629	24.98	0.43	23.96	135.6886044	25.15
48.35	177.2181431	25.02	0.531	35.37	148.9895781	25.2
46.78	172.7520354	25.01	0.512	31.45	143.4848082	25.25
46.27	171.3766155	25.07	0.485	28.17	139.6682076	25.32
48.7	178.2639076	25.14	0.462	26.2	137.6847037	25.39
49.35	180.2571616	25.19	0.451	30.63	142.4672523	25.45
33.3	145.9460296	25.29	0.393	20.92	133.3906755	25.54
47.51	174.7839859	25.39	0.385	31.3	143.2953883	25.63
51.57	187.6018852	25.44	0.46	31.83	143.971349	25.7
77.58	150.4551377	25.39	0.502	54.33	188.5508547	25.74
75.53	152.2193824	25.32	0.523	55.3	185.9112491	25.78
87.7	144.915171	25.23	0.607	70.97	157.0322892	25.79
87.3	145.0412401	25.08	0.608	71.57	156.3246528	25.69
85.9	145.540202	24.98	0.685	69.08	159.4193571	25.66
86.7	145.2440439	24.98	0.683	69.07	159.4326439	25.66
91.8	144.0375611	24.98	0.62	73.47	154.2356471	25.68
94	143.8734887	25	0.592	77.55	150.4792772	25.74
99.2	144.3305061	25.08	0.519	79.85	148.7681135	25.83
120.2	159.5258496	25.12	0.45	95.4	143.8796248	25.9
132.7	182.8176355	25.07	0.392	107.1	147.3585869	25.94
139.5	181.3587702	25.02	0.362	107.7	147.7095994	25.94
148.7	158.0363201	24.98	0.28	120.7	160.201762	25.94
145.5	164.9592071	24.91	0.283	120.1	159.3928048	25.9
156.7	144.8528837	24.85	0.175	118.9	157.8506504	25.84
128.1	172.5243387	24.79	0.184	110.7	149.7384694	25.8
257.7	150.3590693	24.73	0.092	138.3	185.293471	25.72
104.3	145.9522103	24.68	0.159	112.4	151.0987909	25.64
271.5	144.0764313	24.63	0.07	191.5	128.9499403	25.56
279	144.2908609	24.58	0.064	276.7	143.962286	25.48
282.3	145.1746105	24.51	0.227	274.2	143.869106	25.38
285.4	146.4598058	24.43	0.174	279.9	144.4833098	25.25
276	143.9085582	24.38	0.044	278.1	144.1344398	25.16
284.9	146.2219614	24.33	0.074	280.1	144.530992	25.06

0.109	145.6	164.7258126	148.4563176	Yes
0.094	317	189.8495428	147.4496193	Yes
0.246	342.9	137.780123	138.3592975	Yes
0.579	348.5	133.2418584	134.8831978	Yes
0.68	355.3	129.7210908	131.1297516	Yes
0.667	359.4	128.5450401	132.0108091	Yes
0.631	2.017	128.1461984	131.3398207	Yes
0.532	360	128.4296876	132.721187	Yes
0.549	349.4	132.6567999	130.1188313	Yes
0.617	333.9	148.8813884	142.3065598	Yes
0.548	336.5	145.1219829	136.0314767	Yes
0.57	354.2	130.1542428	139.5365199	Yes
0.621	12.01	129.0941077	147.3931389	Yes
0.596	9.58	128.5010838	145.7309429	Yes
0.499	10.6	128.7211479	152.9264722	Yes
0.516	29.47	141.1011034	160.5611966	Yes
0.48	20.85	133.3430753	159.1785547	Yes
0.407	7.582	128.189578	150.4302757	Yes
0.359	7.645	128.1969985	150.8628679	Yes
0.387	18.55	131.9063844	161.9245669	Yes
0.35	15.43	130.3374397	160.6174129	Yes
0.356	20.52	133.1218041	156.8527189	Yes
0.371	22.37	134.4297335	158.6874081	Yes
0.338	22.82	134.7731244	156.9626012	Yes
0.357	28.9	140.4603245	148.446518	Yes
0.311	31.45	143.4848082	158.7504297	Yes
0.335	28.28	139.7855454	161.5849227	Yes
0.335	39.77	156.6047239	165.7320272	Yes
0.306	41.75	160.6108014	161.4173509	Yes
0.427	52.65	191.5025857	164.7659915	Yes
0.538	57.82	179.620851	163.1265018	Yes
0.518	60.45	173.8408427	161.6417232	Yes
0.506	65.72	164.2989379	160.8568882	Yes
0.486	70.45	157.6648201	156.3105802	Yes
0.464	75.68	152.0822652	153.2194306	Yes
0.444	81.6	147.6498563	149.4062534	Yes
0.362	86.1	145.4633897	151.9093468	Yes
0.303	93.1	143.914916	149.5353359	Yes
0.308	107.8	147.7698413	149.1063611	Yes
0.265	98.2	144.1500472	155.6852197	Yes
0.305	97.6	144.0630334	155.4033952	Yes
0.283	88.8	144.6058796	159.3286743	Yes
0.272	87.1	145.1070106	152.9900544	Yes
0.223	90.7	144.1995259	159.1874773	Yes
0.265	86.7	145.2440439	149.1850095	Yes
0.154	114.4	152.9052402	148.4698685	Yes
0.109	133.1	183.8283932	156.5851352	Yes
0.148	250.2	157.9753829	157.4253359	Yes
0.081	276.9	143.9815923	149.4625867	Yes
0.109	141.3	175.9010607	160.1509009	Yes
0.08	174.2	130.1542428	145.4416299	Yes

9/12/2019	21:15	23.39	0.075
9/12/2019	21:16	23.37	0.104
9/12/2019	21:17	23.38	0.174
9/12/2019	21:18	23.37	0.059
9/12/2019	21:19	23.35	0.101
9/12/2019	21:20	23.34	0.151
9/12/2019	21:21	23.33	0.096
9/12/2019	21:22	23.32	0.068
9/12/2019	21:23	23.3	0.071
9/12/2019	21:24	23.28	0.046
9/12/2019	21:25	23.27	0.16
9/12/2019	21:26	23.27	0.107
9/12/2019	21:27	23.25	0.169
9/12/2019	21:28	23.24	0.206
9/12/2019	21:29	23.23	0.193
9/12/2019	21:30	23.21	0.27
9/12/2019	21:31	23.24	0.299
9/12/2019	21:32	23.32	0.294
9/12/2019	21:33	23.36	0.208
9/12/2019	21:34	23.35	0.147
9/12/2019	21:35	23.32	0.209
9/12/2019	21:36	23.29	0.215
9/12/2019	21:37	23.25	0.169
9/12/2019	21:38	23.22	0.178
9/12/2019	21:39	23.19	0.118
9/12/2019	21:40	23.18	0.175
9/12/2019	21:41	23.2	0.248
9/12/2019	21:42	23.23	0.248
9/12/2019	21:43	23.25	0.333
9/12/2019	21:44	23.24	0.285
9/12/2019	21:45	23.22	0.267
9/12/2019	21:46	23.19	0.288
9/12/2019	21:47	23.16	0.222
9/12/2019	21:48	23.14	0.151
9/12/2019	21:49	23.11	0.102
9/12/2019	21:50	23.08	0.202
9/12/2019	21:51	23.04	0.237
9/12/2019	21:52	23	0.189
9/12/2019	21:53	22.97	0.116
9/12/2019	21:54	22.95	0.069
9/12/2019	21:55	22.94	0.123
9/12/2019	21:56	22.92	0.159
9/12/2019	21:57	22.91	0.167
9/12/2019	21:58	22.88	0.132
9/12/2019	21:59	22.85	0.109
9/12/2019	22:00	22.83	0.191
9/12/2019	22:01	22.82	0.26
9/12/2019	22:02	22.81	0.233
9/12/2019	22:03	22.8	0.207
9/12/2019	22:04	22.78	0.141
9/12/2019	22:05	22.75	0.047

274.3	143.8675721	23.54	0.117
256.2	151.6168585	23.53	0.158
287.7	147.7095994	23.55	0.257
257.3	150.682349	23.57	0.118
180.7	128.3131374	23.55	0.075
172.3	131.0235708	23.54	0.112
163.7	137.032099	23.53	0.099
331	153.695204	23.52	0.074
334.8	147.5237341	23.51	0.055
51.21	186.3512746	23.48	0.046
80.1	148.5988232	23.47	0.205
49	179.1755005	23.48	0.137
45.48	169.314975	23.47	0.167
51.41	187.0430802	23.48	0.204
42.25	161.6859944	23.47	0.262
46.16	171.0845932	23.45	0.281
66.09	163.7192024	23.51	0.324
68.92	159.6327959	23.64	0.359
62.84	169.2018175	23.72	0.294
46.17	171.1110735	23.72	0.21
22.9	134.8352272	23.68	0.244
7.572	128.1884145	23.63	0.265
24.45	136.10256	23.57	0.237
358.5	128.7449612	23.51	0.234
22.82	134.7731244	23.46	0.152
79.86	148.7612801	23.41	0.224
94.6	143.8656	23.42	0.371
91.4	144.0902707	23.46	0.384
114.5	153.0016129	23.5	0.506
126.8	170.0150814	23.51	0.448
126.9	170.2024087	23.49	0.416
122.6	162.9378699	23.46	0.451
115.3	153.7939153	23.43	0.347
114.8	153.294267	23.38	0.232
52.29	190.1769275	23.34	0.133
330.9	153.8738695	23.29	0.218
335.8	146.0858429	23.24	0.283
329.7	156.0881634	23.17	0.239
359	128.6298991	23.13	0.142
139.3	181.9973899	23.11	0.059
149.1	157.2454979	23.09	0.105
160.2	140.5713153	23.08	0.142
183.9	128.0255546	23.07	0.19
197.2	131.1751217	23.06	0.167
214.5	147.6715655	23.03	0.152
181.5	128.2036041	23.01	0.256
167.3	134.0817512	23.02	0.337
163.2	137.4955162	23.03	0.314
166.1	134.9918873	23.03	0.277
162.9	137.780123	23.02	0.202
183.6	128.0355004	23	0.105

261.7	147.5906108	23.88	0.242
246.9	162.4877295	23.87	0.253
261.7	147.5906108	23.89	0.358
253.9	153.7939153	23.89	0.122
173.7	130.3680067	23.88	0.1
150.7	154.2338617	23.87	0.108
128	172.3255294	23.86	0.074
289.8	149.0809751	23.85	0.129
295.3	153.7939153	23.83	0.113
342.5	138.1673439	23.81	0.07
65.31	164.9542272	23.79	0.179
42.73	162.7435468	23.79	0.13
38.59	154.397023	23.79	0.152
36.72	151.1518498	23.81	0.189
33.8	146.6522652	23.84	0.244
30.3	142.0699862	23.88	0.262
41	159.0470698	23.95	0.3
44.52	166.917621	24.03	0.332
45.5	169.3661605	24.1	0.321
33.08	145.6409394	24.11	0.368
6.508	128.0870144	24.09	0.396
350.4	132.0507649	24.04	0.413
0.259	128.3843057	23.98	0.391
344.3	136.4937737	23.9	0.372
352.8	130.7797169	23.82	0.27
48.37	177.2773925	23.76	0.325
65.26	165.0350774	23.76	0.39
62.42	169.9777275	23.79	0.444
81.4	147.7698413	23.82	0.59
91.3	144.1045518	23.85	0.568
93.7	143.8833505	23.85	0.55
91.7	144.0500767	23.81	0.587
86.2	145.4256783	23.77	0.518
86.1	145.4633897	23.72	0.314
38.24	153.7665642	23.66	0.195
312.1	192.5757179	23.61	0.238
312.9	192.5757179	23.53	0.378
305.7	168.0148666	23.45	0.376
331.8	152.2972712	23.43	0.267
87.8	144.8847909	23.4	0.107
107	147.3018158	23.39	0.107
128.4	173.1267013	23.37	0.147
158.1	143.0451277	23.37	0.17
174.5	130.0310681	23.35	0.207
187.2	128.1479193	23.33	0.237
164.3	136.4937737	23.31	0.313
149.6	156.2786798	23.32	0.382
140.9	177.070287	23.33	0.467
141.4	175.6124958	23.35	0.506
140.4	178.5661959	23.37	0.37
147	161.577273	23.38	0.261

266.5	145.3153153	24.28	0.156	253.8	153.8956445	24.97
255.4	152.3392627	24.24	0.203	236.8	182.0726285	24.87
263.2	146.7610226	24.22	0.264	249.1	159.3928048	24.78
245.7	164.3305874	24.2	0.132	231.6	187.7071962	24.7
181	128.2691098	24.18	0.124	181.7	128.180153	24.63
153.3	149.8211447	24.17	0.136	158.6	142.43085	24.59
168.4	133.3092177	24.17	0.126	160.6	140.1309578	24.56
267.6	144.9460055	24.15	0.098	245.6	164.489319	24.53
280.7	144.6848135	24.13	0.086	278	144.1192747	24.49
321.2	176.1911131	24.1	0.057	296.7	155.273777	24.45
62.38	170.0524724	24.08	0.148	70.88	157.1404769	24.43
42.2	161.577273	24.07	0.087	31.25	143.2325774	24.42
35.71	149.5204987	24.05	0.089	34.95	148.3461005	24.42
34.72	147.9994294	24.05	0.121	39.02	155.1866653	24.45
30.08	141.8089785	24.08	0.194	21.73	133.9585451	24.51
39.13	155.3913754	24.13	0.275	28	139.4882645	24.57
48.12	176.5411523	24.21	0.377	37.93	153.2171987	24.67
49.47	180.6325864	24.3	0.439	42.65	162.5655349	24.76
41.97	161.0806085	24.38	0.442	37.59	152.6242827	24.85
35.68	149.4732887	24.43	0.432	19.18	132.2756598	24.88
19.29	132.3419914	24.44	0.503	4.981	128.0188304	24.87
358.7	128.6977354	24.4	0.462	353.4	130.5013785	24.81
1.35	128.2222236	24.3	0.469	355.8	129.5409061	24.71
355	129.8341932	24.2	0.433	345.8	135.2306555	24.58
357.1	129.120645	24.11	0.34	351.6	131.3833467	24.48
37.89	153.1469247	24.05	0.432	21.6	133.8652759	24.45
51.43	187.112669	24.1	0.483	33.78	146.6236699	24.53
50.32	183.3605568	24.18	0.556	38.34	153.9455834	24.6
67.41	161.7383076	24.25	0.678	56.68	182.3693016	24.67
74.17	153.5222494	24.32	0.64	61.7	171.3461128	24.72
77.85	150.2400822	24.35	0.668	61.69	171.3654643	24.75
79.57	148.9615483	24.34	0.713	66.58	162.968127	24.77
79.22	149.2090689	24.33	0.634	71.28	156.663734	24.76
81.6	147.6498563	24.24	0.444	79.17	149.2449511	24.67
53.52	190.8556269	24.14	0.312	62.11	170.5609042	24.57
333.7	149.1915112	24.05	0.169	349.3	132.7199372	24.46
326	163.8037704	23.95	0.326	321.1	176.4826621	24.35
319.8	180.4133026	23.84	0.351	315.7	192.5757179	24.2
344.7	136.145503	23.78	0.261	345.5	135.4739906	24.13
27.23	138.6942245	23.75	0.184	26.8	138.2655439	24.09
83.3	146.709616	23.74	0.196	69.75	158.5451195	24.07
107.9	147.8305829	23.73	0.187	95.9	143.9026392	24.05
155.5	146.5095784	23.72	0.144	128.8	173.943875	24.03
171.4	131.490113	23.7	0.166	157.6	143.6757156	24
180.8	128.2980674	23.68	0.181	176.8	129.2114853	23.97
165.3	135.6387698	23.66	0.287	161.8	138.8665983	23.94
153.5	149.5047542	23.65	0.375	149.2	157.0502204	23.97
148	159.4584123	23.66	0.515	140.1	179.4825368	24.06
144.8	166.6259865	23.71	0.669	136.7	190.9470722	24.25
145.6	164.7258126	23.81	0.597	135.1	189.1957803	24.49
147.5	160.5047386	23.87	0.469	138.2	185.6327901	24.62

0.127	247.8	161.1784514	150.3695188	Yes
0.174	232.6	191.31691	167.9666779	Yes
0.267	248.8	159.7940691	152.2496213	Yes
0.156	205.7	137.2158368	158.7459769	Yes
0.191	175	129.8341932	128.99292	Yes
0.231	163.9	136.8505178	142.871989	Yes
0.23	169.3	132.7199372	143.1035482	Yes
0.153	224.2	166.1438025	155.6710612	Yes
0.087	251	156.9963458	149.4236167	Yes
0.092	201.4	133.7233811	157.9413779	Yes
0.193	115.8	154.3086209	159.0109241	Yes
0.125	116.8	155.3841351	160.4226066	Yes
0.171	109.7	149.010542	154.1178278	Yes
0.199	97.2	144.0138522	157.0789754	Yes
0.197	71.71	156.1629131	148.0537393	Yes
0.254	77.75	150.3192715	151.6706982	Yes
0.274	85.6	145.6589028	159.6367052	Yes
0.323	79.57	148.9615483	163.7420173	Yes
0.342	67.45	161.6803624	162.7906463	Yes
0.4	45.43	169.1872366	153.5376396	Yes
0.457	26.66	138.1282207	132.2822568	Yes
0.616	5.816	128.0448362	129.4966259	Yes
0.568	3.167	128.0560493	130.0612089	Yes
0.665	358.8	128.6747234	131.7956614	Yes
0.626	4.781	128.0166388	130.8146944	Yes
0.5	31.9	144.0620273	151.4225801	Yes
0.47	54.95	186.8489507	165.8971934	Yes
0.46	60.98	172.7642118	164.8276701	Yes
0.548	77.65	150.3990027	159.0556132	Yes
0.54	81.5	147.7095994	157.339519	Yes
0.568	78.3	149.8904009	157.1163413	Yes
0.611	82.8	146.9714914	153.1778226	Yes
0.584	83.5	146.6082498	150.3401292	Yes
0.56	78.62	149.6483329	149.0601594	Yes
0.483	69.09	159.4060774	172.95322	Yes
0.231	31.36	143.3709783	154.3464028	Yes
0.344	350.3	132.1093104	162.2114607	Yes
0.36	349.2	132.7835393	165.975118	Yes
0.306	20.47	133.0887271	137.1270782	Yes
0.233	58.54	177.9631591	156.3610217	Yes
0.244	92.5	143.962286	150.752867	Yes
0.272	123.7	164.6488595	154.0160196	Yes
0.243	144.4	167.6049563	151.8258184	Yes
0.284	167.7	133.7940871	134.0332211	Yes
0.298	179.1	128.6080861	132.3874247	Yes
0.446	165.5	135.4739906	134.9353473	Yes
0.611	147.5	160.5047386	151.4840288	Yes
0.763	141.8	174.472931	165.5959367	Yes
0.812	139.8	180.4133026	169.7181489	Yes
0.731	136.4	192.0626612	172.4661146	Yes
0.574	141.5	175.3254093	162.2151423	Yes

9/12/2019	22:06	22.73	0.065
9/12/2019	22:07	22.72	0.083
9/12/2019	22:08	22.73	0.102
9/12/2019	22:09	22.73	0.173
9/12/2019	22:10	22.72	0.217
9/12/2019	22:11	22.71	0.21
9/12/2019	22:12	22.72	0.204
9/12/2019	22:13	22.73	0.182
9/12/2019	22:14	22.72	0.129
9/12/2019	22:15	22.7	0.088
9/12/2019	22:16	22.7	0.165
9/12/2019	22:17	22.73	0.122
9/12/2019	22:18	22.72	0.128
9/12/2019	22:19	22.7	0.176
9/12/2019	22:20	22.68	0.152
9/12/2019	22:21	22.65	0.12
9/12/2019	22:22	22.64	0.175
9/12/2019	22:23	22.63	0.216
9/12/2019	22:24	22.61	0.216
9/12/2019	22:25	22.59	0.192
9/12/2019	22:26	22.57	0.173
9/12/2019	22:27	22.55	0.239
9/12/2019	22:28	22.53	0.278
9/12/2019	22:29	22.53	0.296
9/12/2019	22:30	22.52	0.273
9/12/2019	22:31	22.51	0.249
9/12/2019	22:32	22.51	0.294
9/12/2019	22:33	22.51	0.27
9/12/2019	22:34	22.5	0.227
9/12/2019	22:35	22.48	0.191
9/12/2019	22:36	22.47	0.141
9/12/2019	22:37	22.48	0.262
9/12/2019	22:38	22.53	0.298
9/12/2019	22:39	22.55	0.269
9/12/2019	22:40	22.53	0.246
9/12/2019	22:41	22.5	0.27
9/12/2019	22:42	22.49	0.202
9/12/2019	22:43	22.48	0.208
9/12/2019	22:44	22.45	0.256
9/12/2019	22:45	22.45	0.254
9/12/2019	22:46	22.42	0.231
9/12/2019	22:47	22.4	0.222
9/12/2019	22:48	22.37	0.252
9/12/2019	22:49	22.36	0.227
9/12/2019	22:50	22.35	0.202
9/12/2019	22:51	22.34	0.156
9/12/2019	22:52	22.33	0.219
9/12/2019	22:53	22.32	0.275
9/12/2019	22:54	22.32	0.306
9/12/2019	22:55	22.34	0.337
9/12/2019	22:56	22.37	0.376

287.7	147.7095994	22.99	0.068
316.9	190.2134023	22.96	0.067
322.3	173.0808789	22.94	0.103
332.4	151.2846063	22.92	0.236
324.8	166.6259865	22.91	0.289
333.8	149.0360615	22.92	0.271
341.1	139.5939084	22.92	0.281
357.6	128.9773778	22.94	0.223
18.13	131.6701691	22.94	0.149
42.67	162.6099717	22.92	0.089
85.4	145.7403654	22.92	0.165
95.7	143.8921176	22.96	0.149
4.044	128.0220278	22.97	0.124
6.431	128.0813959	22.96	0.195
19.86	132.6946266	22.93	0.197
23.66	135.4412807	22.89	0.151
0.995	128.2698145	22.86	0.22
3.839	128.0272925	22.83	0.27
13.5	129.5761138	22.8	0.244
20.67	133.221743	22.76	0.22
26.33	137.8088565	22.73	0.208
30.67	142.5158784	22.7	0.292
16.58	130.8662518	22.66	0.334
2.333	128.116271	22.64	0.369
16.58	130.8662518	22.62	0.351
359.7	128.4855767	22.59	0.32
355.9	129.506112	22.59	0.361
9.84	128.5532391	22.58	0.324
21.67	133.915396	22.56	0.265
28	139.4882645	22.54	0.239
43.28	163.9867134	22.53	0.201
72.3	155.4951241	22.54	0.341
102.2	145.1405816	22.67	0.462
121.5	161.3209223	22.74	0.358
124.1	165.2951784	22.7	0.348
134.2	186.7139875	22.66	0.376
130.2	176.9345288	22.65	0.269
139.6	181.0419634	22.62	0.29
135.5	190.3353042	22.6	0.37
135.1	189.1957803	22.6	0.354
138.6	184.28627	22.56	0.312
133.2	184.0842372	22.53	0.318
135.9	191.4980279	22.5	0.377
139.2	182.3192244	22.49	0.341
135.7	190.9137326	22.49	0.292
141.3	175.9010607	22.49	0.243
148.3	158.8429179	22.47	0.308
142.7	171.9924951	22.47	0.393
141.9	174.1916691	22.47	0.433
139.3	181.9973899	22.5	0.499
144.6	167.1130196	22.53	0.565

233.5	190.9137326	23.38	0.161
265	145.9089029	23.37	0.139
275.2	143.8734887	23.38	0.105
301.7	161.6081001	23.36	0.214
297.6	156.2898875	23.36	0.402
307.7	171.7349716	23.39	0.468
311.2	179.2008824	23.43	0.469
326.1	163.5761126	23.5	0.395
338.4	142.6746234	23.53	0.283
2.662	128.0892662	23.55	0.174
58.5	178.0537144	23.53	0.057
69.72	158.5835964	23.52	0.111
351.3	131.5441627	23.51	0.215
344.1	136.6710803	23.51	0.321
351.5	131.436508	23.5	0.35
353.7	130.3680067	23.5	0.267
333.3	149.8211447	23.48	0.378
339.6	141.2500277	23.45	0.428
346.3	134.8352272	23.44	0.413
351	131.7089882	23.4	0.391
355	129.8341932	23.36	0.356
1.733	128.1764345	23.33	0.442
349.1	132.8476073	23.29	0.523
335.4	146.6522652	23.25	0.587
347.9	133.6531567	23.22	0.565
334.7	147.6715655	23.19	0.542
328.9	157.6389568	23.15	0.583
341.3	139.3832047	23.13	0.55
353.2	130.5924354	23.11	0.438
360	128.4296876	23.09	0.401
11.6	128.9773778	23.07	0.361
44.89	167.8279424	23.07	0.429
69.36	159.0501879	23.17	0.521
93.1	143.914916	23.2	0.393
94.9	143.8675721	23.12	0.365
108	147.8918251	23.04	0.349
103.5	145.6188708	23	0.287
115	153.4923338	22.96	0.323
110.8	149.8141685	22.93	0.356
111	149.967168	22.93	0.413
112.9	151.5291125	22.88	0.383
108.5	148.2055809	22.84	0.408
112.9	151.5291125	22.81	0.465
114.8	153.294267	22.81	0.456
114.2	152.7142528	22.81	0.411
114.8	153.294267	22.82	0.347
124.4	165.7885774	22.81	0.442
122.9	163.3950032	22.8	0.561
122.1	162.1914802	22.8	0.61
118.8	157.7265948	22.85	0.706
120.5	159.929249	22.9	0.755

175.9	129.506112	23.93	0.308	153.7	149.1915112	24.7
182	128.1479193	24.02	0.315	163.6	137.1236975	24.77
212.2	144.4543929	24.11	0.318	191	128.8188092	24.82
291.1	150.0444711	24.13	0.184	237.2	181.0963649	24.82
285.3	146.4112828	24.09	0.242	265.1	145.8660653	24.76
297.8	156.5227599	24.04	0.347	280.6	144.6580519	24.67
300.7	160.201762	24.02	0.398	280.8	144.7120259	24.58
302	162.0444998	24.04	0.354	276.6	143.9532925	24.52
305.1	166.9692794	24.05	0.256	276.7	143.962286	24.49
287.9	147.8305829	24.06	0.156	250.9	157.1163888	24.47
106.5	147.0253234	24.05	0.087	171.7	131.3306282	24.48
46.71	172.5611354	24.03	0.067	155.1	147.0846926	24.47
346.8	134.4523139	24.01	0.175	314.3	192.5757179	24.45
346.7	134.5279034	23.99	0.294	321.1	176.4826621	24.4
332.5	151.1187431	23.95	0.32	313.4	192.5757179	24.34
323.1	170.9259926	23.96	0.227	292.9	151.5291125	24.31
337.6	143.6757156	23.94	0.389	318.9	183.2949574	24.28
342.2	138.4636301	23.92	0.423	322.7	171.9924951	24.23
343.1	137.5898354	23.94	0.44	321.3	175.9010607	24.22
344.8	136.0597477	23.94	0.43	320.3	178.8700569	24.21
347	134.3026158	23.92	0.41	324	168.6037636	24.19
352.7	130.8276183	23.89	0.472	332.9	150.4634796	24.18
344.7	136.145503	23.84	0.557	329.2	157.0502204	24.16
338.7	142.3099249	23.78	0.66	323.7	169.3661605	24.13
347.2	134.1548834	23.78	0.63	330.5	154.5974305	24.16
338.9	142.0699862	23.73	0.604	325.6	164.7258126	24.22
334.4	148.1195561	23.68	0.679	321.8	174.472931	24.26
341.4	139.278727	23.66	0.631	326.8	162.0137796	24.31
350.8	131.8211113	23.65	0.528	332.5	151.1187431	24.37
353.3	130.5466922	23.64	0.489	337.2	144.1921397	24.42
359.7	128.4855767	23.62	0.444	341.5	139.1748294	24.46
28.81	140.3609479	23.65	0.484	1.988	128.1491409	24.51
55.12	186.3914483	23.74	0.475	27.98	139.4672059	24.5
78.61	149.655815	23.76	0.487	66.82	162.6070879	24.47
85.3	145.7817973	23.67	0.539	71	156.9963458	24.4
100.2	144.5555056	23.59	0.496	81.8	147.531862	24.35
98.5	144.1995259	23.55	0.385	82.8	146.9714914	24.32
114.5	153.0016129	23.5	0.407	102.6	145.2794496	24.29
109.2	148.6661534	23.49	0.53	95.9	143.9026392	24.27
112.8	151.441929	23.53	0.546	99.3	144.3509966	24.29
113.2	151.7940443	23.47	0.562	98.9	144.2717056	24.31
113.1	151.7051686	23.5	0.616	100.9	144.7396894	24.37
116	154.5187706	23.48	0.637	102.1	145.1070106	24.43
118.2	156.9963458	23.5	0.635	107.8	147.7698413	24.48
117.4	156.0596058	23.49	0.589	108	147.8918251	24.52
117.2	155.8318976	23.51	0.557	109.4	148.802358	24.55
127.6	171.5400605	23.47	0.587	117.6	156.2898875	24.51
129.8	176.0588609	23.43	0.762	120	159.2604663	24.53
127.9	172.1277015	23.44	0.862	118.3	157.1163888	24.63
123.5	164.3305874	23.52	0.951	115.6	154.1009172	24.77
124.9	166.6276829	23.6	1.024	116.2	154.7313813	24.89

0.417	154.8	147.5237341	152.9689379	Yes
0.425	184.7	128.016195	145.8820234	Yes
0.484	193.1	129.4377621	143.9330664	Yes
0.419	205.4	136.9410396	156.1949164	Yes
0.381	227.8	175.6124958	158.1611436	Yes
0.333	248.9	159.6596036	156.3222897	Yes
0.435	258.9	149.4409821	154.6299122	Yes
0.451	257	150.9305587	149.8963683	Yes
0.339	251.6	156.2898875	148.3132491	Yes
0.313	222.8	162.8998881	151.7092195	Yes
0.3	180.9	128.2833916	146.0866846	Yes
0.236	181.1	128.2552218	150.0753528	Yes
0.156	260.3	148.4657012	147.0119847	Yes
0.28	298.3	157.1163888	146.5758861	Yes
0.293	293.6	152.1552339	151.9961659	Yes
0.249	260.7	148.2055809	147.2939947	Yes
0.378	309	174.3585583	155.8840381	Yes
0.392	320.6	177.9631823	151.5393255	Yes
0.368	314	192.5757179	154.095591	Yes
0.351	315.9	192.5757179	154.4872507	Yes
0.335	322.6	172.2625195	148.5623897	Yes
0.379	331.7	152.4689987	140.8904819	Yes
0.559	329.4	156.6625457	142.7144256	Yes
0.743	327.7	160.0831011	149.3055446	Yes
0.675	328.4	158.6397721	142.3822989	Yes
0.774	322.5	172.5339195	151.0973721	Yes
0.9	321.6	175.0397923	156.9554696	Yes
0.802	322.7	171.9924951	148.2442891	Yes
0.728	326.8	162.0137796	141.8922931	Yes
0.704	332.2	151.6188155	138.8551199	Yes
0.634	330.9	153.8738695	142.8996734	Yes
0.409	346.5	134.6805694	145.302745	Yes
0.354	11.58	128.971858	151.8042563	Yes
0.313	44.77	167.530851	157.0059185	Yes
0.43	64.16	166.8664399	155.7614667	Yes
0.418	72.48	155.2957982	156.3977957	Yes
0.259	78.25	149.9287175	152.7306269	Yes
0.344	114.8	153.294267	157.2219253	Yes
0.443	121	160.6159553	158.6668441	Yes
0.495	120.5	159.929249	158.9770246	Yes
0.615	116.1	154.6247674	157.3011799	Yes
0.663	124	165.1323684	158.7734089	Yes
0.792	121.3	161.0367221	160.7379287	Yes
0.819	127	170.3906689	162.1540695	Yes
0.772	127.7	171.7349716	163.8628776	Yes
0.808	130.6	177.8276612	162.3314489	Yes
0.941	134	186.1774937	167.7277874	Yes
1.072	134.5	187.5288517	171.6471355	Yes
1.089	134.4	187.2558705	170.576622	Yes
1.133	131.2	179.2008824	167.4712744	Yes
1.264	131.2	179.2008824	165.520443	Yes

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9/12/2019	22:59	22.51	0.308
9/12/2019	23:00	22.55	0.31
9/12/2019	23:01	22.6	0.394
9/12/2019	23:02	22.62	0.321
9/12/2019	23:03	22.63	0.298
9/12/2019	23:04	22.62	0.249
9/12/2019	23:05	22.61	0.22
9/12/2019	23:06	22.6	0.168
9/12/2019	23:07	22.58	0.195
9/12/2019	23:08	22.56	0.253
9/12/2019	23:09	22.54	0.234
9/12/2019	23:10	22.53	0.276
9/12/2019	23:11	22.52	0.276
9/12/2019	23:12	22.52	0.308
9/12/2019	23:13	22.52	0.328
9/12/2019	23:14	22.52	0.302
9/12/2019	23:15	22.52	0.343
9/12/2019	23:16	22.54	0.302
9/12/2019	23:17	22.55	0.224
9/12/2019	23:18	22.56	0.255
9/12/2019	23:19	22.56	0.215
9/12/2019	23:20	22.56	0.184
9/12/2019	23:21	22.55	0.154
9/12/2019	23:22	22.53	0.074
9/12/2019	23:23	22.5	0.047
9/12/2019	23:24	22.47	0.069
9/12/2019	23:25	22.43	0.117
9/12/2019	23:26	22.39	0.145
9/12/2019	23:27	22.36	0.128
9/12/2019	23:28	22.32	0.138
9/12/2019	23:29	22.29	0.147
9/12/2019	23:30	22.26	0.203
9/12/2019	23:31	22.25	0.186
9/12/2019	23:32	22.23	0.187
9/12/2019	23:33	22.23	0.19
9/12/2019	23:34	22.23	0.163
9/12/2019	23:35	22.23	0.123
9/12/2019	23:36	22.22	0.135
9/12/2019	23:37	22.21	0.103
9/12/2019	23:38	22.19	0.058
9/12/2019	23:39	22.17	0.051
9/12/2019	23:40	22.15	0.084
9/12/2019	23:41	22.13	0.093
9/12/2019	23:42	22.1	0.043
9/12/2019	23:43	22.08	0.041
9/12/2019	23:44	22.05	0.062
9/12/2019	23:45	22.02	0.127
9/12/2019	23:46	22	0.112
9/12/2019	23:47	21.97	0.053

144.9	166.3842917	22.57	0.501
147.3	160.9305691	22.63	0.523
144.2	168.1018522	22.7	0.422
142	173.9118416	22.75	0.465
145.2	165.6664139	22.81	0.537
143.7	169.3661605	22.84	0.478
143.3	170.4007875	22.83	0.419
148.2	159.0470698	22.81	0.36
139.2	182.3192244	22.79	0.33
132.4	182.0726285	22.78	0.291
134	186.1774937	22.76	0.313
132.8	183.0684457	22.76	0.397
136.8	190.5792409	22.76	0.376
137.3	188.7697038	22.76	0.409
143.6	169.6228634	22.76	0.423
142.9	171.4565408	22.77	0.474
143.1	170.9259926	22.75	0.469
143	171.1905949	22.75	0.464
143.3	170.4007875	22.74	0.489
144.7	166.8688935	22.74	0.416
147.9	159.6656133	22.75	0.344
144.8	166.6259865	22.76	0.372
147	161.577273	22.76	0.33
146.2	163.3495837	22.75	0.264
145.6	164.7258126	22.73	0.192
148.8	157.837148	22.71	0.11
219.8	156.6625457	22.67	0.08
189.5	128.4855767	22.64	0.099
208.2	139.7001382	22.59	0.14
187	128.1283904	22.54	0.205
194.5	129.9510588	22.49	0.191
201.8	134.0091067	22.45	0.193
181.2	128.2417275	22.41	0.233
176.5	129.3060009	22.39	0.26
179.3	128.565657	22.38	0.272
167.8	133.7233811	22.37	0.267
167.8	133.7233811	22.39	0.279
177	129.1505175	22.41	0.246
188.1	128.2552218	22.42	0.19
177.1	129.120645	22.42	0.201
177.9	128.8962779	22.41	0.164
183.9	128.0255546	22.39	0.106
189.2	128.4296876	22.37	0.1
165.7	135.3112579	22.34	0.121
160.3	140.4603245	22.31	0.138
177.7	128.9499403	22.28	0.082
119.3	158.3536654	22.25	0.073
106.5	147.0253234	22.21	0.084
100.5	144.6317408	22.19	0.158
95.9	143.9026392	22.18	0.148
13.47	129.5655081	22.16	0.043

123.3	164.0155381	22.95	0.741
122.6	162.9378699	23.02	0.767
121	160.6159553	23.1	0.629
118.1	156.8769637	23.15	0.654
119.9	159.1288318	23.21	0.793
121.2	160.8957315	23.24	0.685
122	162.0444998	23.23	0.616
125.2	167.1413681	23.19	0.526
119	157.9753829	23.17	0.478
112.4	151.0987909	23.15	0.412
110.2	149.3679312	23.12	0.428
108.8	148.3999072	23.11	0.547
112.8	151.441929	23.12	0.564
114.6	153.0985737	23.14	0.649
119.7	158.8676643	23.17	0.689
119.9	159.1288318	23.18	0.708
119.8	158.9978987	23.16	0.715
121.3	161.0367221	23.14	0.617
120.2	159.5258496	23.11	0.642
121.7	161.6081001	23.1	0.675
123.1	163.7036852	23.1	0.498
123.9	164.9703808	23.11	0.56
124.1	165.2951784	23.12	0.5
122.6	162.9378699	23.1	0.418
119.5	158.6092822	23.07	0.303
124.6	166.1216858	23.02	0.145
157.7	143.5482783	22.97	0.135
153.5	149.5047542	22.91	0.185
172.8	130.7797169	22.84	0.242
159	141.9509679	22.77	0.325
165.5	135.4739906	22.72	0.334
175.9	129.506112	22.67	0.342
157.7	143.5482783	22.63	0.403
149.8	155.8985853	22.62	0.48
151.7	152.4689987	22.63	0.466
145.8	164.2624968	22.65	0.503
146	163.8037704	22.73	0.5
154.8	147.5237341	22.81	0.464
160.9	139.8069561	22.83	0.351
153.6	149.347741	22.83	0.369
152.2	151.6188155	22.82	0.313
156.2	145.5308449	22.79	0.234
151.5	152.8150171	22.74	0.2
141.1	176.4826621	22.69	0.241
135.8	191.2051427	22.65	0.258
139.4	181.6772422	22.61	0.173
111.7	150.5196185	22.56	0.165
99.9	144.4833098	22.52	0.174
92.6	143.9532925	22.49	0.204
86.3	145.3884291	22.47	0.179
62.01	170.7509486	22.44	0.111

126.8	170.0150814	23.65	1.015	118.9	157.8506504	24.99
127.4	171.1531239	23.73	1	122.7	163.0894665	25.05
123.9	164.9703808	23.8	0.851	117.3	155.945431	25.04
120	159.2604663	23.82	0.807	112.5	151.183739	24.95
122.1	162.1914802	23.84	0.965	114.5	153.0016129	24.86
123.6	164.489319	23.85	0.907	112.6	151.2692438	24.82
124.9	166.6276829	23.81	0.837	113.1	151.7051686	24.73
128	172.3255294	23.76	0.722	116.9	155.4951241	24.62
124.2	165.4588142	23.71	0.66	114	152.5255981	24.52
120.5	159.929249	23.65	0.578	110.4	149.5145601	24.45
117.4	156.0596058	23.59	0.603	107.4	147.531862	24.4
114.1	152.6196347	23.57	0.741	104.1	145.8660653	24.41
115.6	154.1009172	23.58	0.757	106.9	147.2455367	24.45
117.1	155.7190033	23.61	0.873	108.5	148.2055809	24.5
120	159.2604663	23.68	0.919	111.4	150.2796092	24.6
123.5	164.3305874	23.7	0.912	115.1	153.5922617	24.64
124.3	165.6232794	23.67	0.918	116.3	154.8386144	24.59
126.3	169.0922914	23.65	0.803	116.3	154.8386144	24.57
123.8	164.8092124	23.59	0.84	115.8	154.3086209	24.52
125.7	168.0148666	23.59	0.83	119.5	158.6092822	24.53
127.9	172.1277015	23.62	0.709	120.2	159.5258496	24.58
128	172.3255294	23.62	0.727	121.7	161.6081001	24.56
130.3	177.156161	23.65	0.673	121	160.6159553	24.57
129.3	174.9883145	23.61	0.57	117.2	155.8318976	24.52
122	162.0444998	23.55	0.438	112.6	151.2692438	24.47
123.7	164.6488595	23.47	0.32	114.1	152.6196347	24.35
139.4	181.6772422	23.39	0.285	127	170.3906689	24.16
146.9	161.7949854	23.31	0.338	129.8	176.0588609	24
160.2	140.5713153	23.2	0.363	139.3	181.9973899	23.83
154.5	147.9694733	23.11	0.463	143.3	170.4007875	23.73
161.7	138.968767	23.09	0.485	149.7	156.0881634	23.76
166.6	134.6039881	23.04	0.49	153.2	149.9805289	23.77
158.4	142.6746234	23	0.526	147.5	160.5047386	23.78
154.8	147.5237341	23.03	0.651	145.1	165.9045121	23.86
156.2	145.5308449	23.11	0.63	145.7	164.4935779	23.93
152.6	150.9537025	23.22	0.68	145.3	165.4295013	23.97
153.3	149.8211447	23.35	0.64	148.2	159.0470698	23.99
158.7	142.3099249	23.46	0.611	150.4	154.7805667	23.99
160.3	140.4603245	23.5	0.527	150.6	154.4151969	23.99
155.8	146.0858429	23.49	0.532	147.2	161.1450705	23.99
153.9	148.8813884	23.49	0.504	146	163.8037704	24
152.4	151.2846063	23.41	0.384	142.2	173.356455	23.95
147.4	160.717127	23.31	0.358	140.6	177.9631823	23.88
144.4	167.6049563	23.22	0.391	140.2	179.1755005	23.84
143.7	169.3661605	23.15	0.388	136.1	192.0882584	23.76
139.7	180.726811	23.08	0.312	131.7	180.3767538	23.66
130.6	177.8276612	23.01	0.274	129.2	174.7773583	23.58
125.2	167.1413681	22.96	0.263	125.3	167.3143222	23.52
114.4	152.9052402	22.91	0.311	118.6	157.480505	23.48
105.5	146.5088075	22.87	0.296	111.6	150.439072	23.42
92.9	143.9289489	22.81	0.219	109.1	148.5988232	23.33

1.277	133.3	184.3413566	168.5213836	Yes
1.226	136.5	191.6887683	169.9599595	Yes
1.047	130.8	178.2808867	165.5829012	Yes
0.94	127.3	170.9610894	162.43882	Yes
1.096	126.7	169.8286827	161.9634043	Yes
1.124	124.5	165.9547117	162.3950333	Yes
1.136	126.2	168.9104738	163.9377225	Yes
1.03	126.9	170.2024087	164.8423	Yes
0.957	124	165.1323684	164.6822776	Yes
0.893	122.2	162.3392225	160.9908902	Yes
0.925	122.3	162.4877295	160.3249244	Yes
1.012	121.1	160.7554768	158.141906	Yes
1.029	123.7	164.6488595	161.6032967	Yes
1.071	126.5	169.4586546	163.0503033	Yes
1.075	130.7	178.0537144	163.2168635	Yes
1.206	132.2	181.5820782	166.01806	Yes
1.204	132.6	182.5680669	166.5907704	Yes
1.183	131.9	180.8553063	167.4027058	Yes
1.215	131.3	179.4337369	165.6956415	Yes
1.173	132.2	181.5820782	167.3366441	Yes
1.022	129.4	175.2003149	166.0446329	Yes
0.983	128.6	173.5332689	167.8126531	Yes
0.923	126.9	170.2024087	166.9693953	Yes
0.878	124.8	166.4581678	164.7131667	Yes
0.752	123.9	164.9703808	160.3238438	Yes
0.585	127.2	170.7700049	162.3994666	Yes
0.573	131.8	180.615438	166.5788346	Yes
0.653	136	191.7923969	161.5273148	Yes
0.676	142.2	173.356455	153.2810031	Yes
0.875	146	163.8037704	150.4506779	Yes
0.898	148.7	158.0363201	143.70366	Yes
0.916	151.9	152.1263931	140.0452258	Yes
0.95	146.9	161.7949854	147.3528707	Yes
0.948	145.9	164.0325631	152.5330791	Yes
0.895	146.6	162.4546358	150.7027429	Yes
0.806	151.9	152.1263931	153.299095	Yes
0.738	156.8	144.7193684	150.2229469	Yes
0.722	159.6	141.2500277	143.0029542	Yes
0.772	159.5	141.3652945	140.8605988	Yes
0.814	158.6	142.43085	145.6260299	Yes
0.771	161.2	139.4882645	146.5377033	Yes
0.743	159.1	141.8325805	148.0060082	Yes
0.772	158.8	142.1896378	152.4229304	Yes
0.792	159.9	140.9079226	159.8964599	Yes
0.68	152.2	151.6188155	168.9477403	Yes
0.621	151.8	152.2972712	164.8056037	Yes
0.602	149.3	156.8559046	163.6668416	Yes
0.609	148.3	158.8429179	156.9614483	Yes
0.625	145.1	165.9045121	152.9750581	Yes
0.557	136.5	191.6887683	155.5855432	Yes
0.434	132.3	181.8267455	154.9341948	Yes

9/12/2019	23:48	21.94	0.059
9/12/2019	23:49	21.9	0.039
9/12/2019	23:50	21.87	0.036
9/12/2019	23:51	21.84	0.069
9/12/2019	23:52	21.81	0.143
9/12/2019	23:53	21.81	0.25
9/12/2019	23:54	21.83	0.25
9/12/2019	23:55	21.86	0.242
9/12/2019	23:56	21.93	0.278
9/12/2019	23:57	22	0.267
9/12/2019	23:58	22.09	0.254
9/12/2019	23:59	22.16	0.298
9/13/2019	00:00	22.23	0.263
9/13/2019	00:01	22.29	0.276
9/13/2019	00:02	22.34	0.14
9/13/2019	00:03	22.33	0.173
9/13/2019	00:04	22.28	0.201
9/13/2019	00:05	22.22	0.252
9/13/2019	00:06	22.14	0.197
9/13/2019	00:07	22.07	0.195
9/13/2019	00:08	22.01	0.237
9/13/2019	00:09	21.96	0.193
9/13/2019	00:10	21.92	0.168
9/13/2019	00:11	21.89	0.1
9/13/2019	00:12	21.86	0.101
9/13/2019	00:13	21.83	0.118
9/13/2019	00:14	21.79	0.173
9/13/2019	00:15	21.77	0.22
9/13/2019	00:16	21.75	0.155
9/13/2019	00:17	21.75	0.207
9/13/2019	00:18	21.75	0.1
9/13/2019	00:19	21.75	0.07
9/13/2019	00:20	21.73	0.052
9/13/2019	00:21	21.7	0.05
9/13/2019	00:22	21.68	0.043
9/13/2019	00:23	21.65	0.089
9/13/2019	00:24	21.61	0.127
9/13/2019	00:25	21.59	0.145
9/13/2019	00:26	21.57	0.132
9/13/2019	00:27	21.55	0.107
9/13/2019	00:28	21.53	0.068
9/13/2019	00:29	21.51	0.15
9/13/2019	00:30	21.49	0.129
9/13/2019	00:31	21.47	0.118
9/13/2019	00:32	21.45	0.108
9/13/2019	00:33	21.44	0.122
9/13/2019	00:34	21.43	0.129
9/13/2019	00:35	21.42	0.093
9/13/2019	00:36	21.41	0.1
9/13/2019	00:37	21.38	0.077
9/13/2019	00:38	21.37	0.129

349.5	132.5941263	22.13	0.035
338	143.1699306	22.09	0.018
244	167.1413681	22.06	0.053
241.7	171.3461128	22.02	0.091
219.3	155.7099409	21.99	0.186
183.7	128.031795	21.99	0.319
178.8	128.6747234	22.02	0.339
184.8	128.0167799	22.07	0.356
181.3	128.2286266	22.15	0.365
187.5	128.180153	22.23	0.389
193.6	129.6117355	22.33	0.386
194.8	130.0717042	22.42	0.353
196.8	130.9739291	22.49	0.358
189.3	128.4479207	22.56	0.37
234.8	187.2558705	22.61	0.223
333.4	149.6625543	22.61	0.196
0.083	128.4148552	22.55	0.238
350.4	132.0507649	22.47	0.27
338.8	142.1896378	22.36	0.237
351.6	131.3833467	22.27	0.233
353.6	130.4120364	22.19	0.282
1.585	128.1934455	22.12	0.238
13.91	129.7248004	22.07	0.18
41.4	159.8738411	22.02	0.124
66.04	163.796907	21.98	0.127
59.16	176.5821853	21.94	0.15
92.7	143.9447385	21.91	0.195
91.3	144.1045518	21.91	0.253
112.4	151.0987909	21.91	0.162
166.5	134.6805694	21.92	0.297
178.2	128.8188092	21.92	0.127
100.5	144.6317408	21.92	0.073
18.28	131.7536219	21.91	0.047
38.72	154.6339854	21.89	0.048
28.25	139.7534736	21.88	0.042
1.344	128.2229867	21.85	0.087
348.2	133.4453614	21.81	0.128
342	138.6639767	21.77	0.164
339.3	141.5976893	21.75	0.152
337.1	144.3229273	21.72	0.129
354	130.2384741	21.7	0.085
359.6	128.5050003	21.68	0.164
23.18	135.0551144	21.65	0.154
36.6	150.9537025	21.62	0.132
48.16	176.6583137	21.6	0.129
64.74	165.8881574	21.58	0.14
68.93	159.6194028	21.57	0.144
44.37	166.5533511	21.57	0.141
47.74	175.4400671	21.54	0.136
85.1	145.8660653	21.53	0.078
147	161.577273	21.53	0.138

355.5	129.6477719	22.4	0.098
333	150.3016928	22.36	0.089
186.4	128.0791994	22.32	0.14
203.1	134.9918873	22.27	0.164
187.9	128.2286266	22.24	0.333
160.1	140.6829105	22.25	0.55
154.3	148.2703958	22.31	0.588
158.7	142.3099249	22.4	0.592
157	144.4543929	22.52	0.634
157.2	144.1921397	22.63	0.586
167	134.3026158	22.74	0.575
168.7	133.1085592	22.83	0.57
168.5	133.2418584	22.9	0.552
168.7	133.1085592	22.97	0.59
202.5	134.5279034	23.03	0.358
297.7	156.4059988	23	0.209
332.1	151.7871691	22.9	0.376
324.1	168.3521774	22.78	0.404
317.9	186.6616714	22.67	0.406
321.6	175.0397923	22.6	0.412
325.2	165.6664139	22.5	0.464
334.5	147.9694733	22.4	0.389
344.9	135.9745142	22.34	0.322
6.509	128.0870889	22.29	0.226
28.12	139.6151074	22.24	0.176
25.43	136.9683009	22.2	0.211
59.38	176.1022349	22.17	0.253
66.45	163.1655572	22.19	0.291
91.9	144.0254863	22.2	0.15
132.9	183.3205043	22.2	0.248
142.4	172.8067032	22.21	0.175
97.6	144.0630334	22.23	0.106
19.48	132.4578718	22.23	0.054
26.78	138.2458591	22.24	0.08
18.5	131.8778474	22.25	0.057
344	136.7605319	22.25	0.077
328.7	158.0363201	22.22	0.144
315.1	192.5757179	22.18	0.213
314.2	192.5757179	22.17	0.243
310.6	177.8276612	22.16	0.276
321.3	175.9010607	22.15	0.221
336.6	144.9870876	22.14	0.274
353.7	130.3680067	22.11	0.242
3.695	128.031971	22.07	0.198
17.65	131.4098719	22.04	0.194
29.87	141.5626714	22.01	0.22
39.97	156.9918249	22	0.215
26.26	137.7418891	21.99	0.251
25.05	136.6265544	22	0.22
54.38	188.4116359	21.99	0.115
124.6	166.1216858	22	0.146

114.9	153.3930028	22.76	0.192	119.8	158.9978987	23.23
141.2	176.1911131	22.71	0.163	131.8	180.615438	23.14
164.7	136.145503	22.64	0.203	146	163.8037704	23.05
183.7	128.031795	22.58	0.229	166.5	134.6805694	22.99
175.7	129.5761138	22.53	0.401	164.3	136.4937737	22.95
161.1	139.5939084	22.57	0.637	152.9	150.4634796	23.09
158.1	143.0451277	22.7	0.775	151	153.695204	23.35
160.3	140.4603245	22.85	0.785	152.3	151.4512959	23.56
160.3	140.4603245	23	0.777	153.7	149.1915112	23.68
161.8	138.8665983	23.12	0.773	154.4	148.1195561	23.79
167	134.3026158	23.24	0.72	159.1	141.8325805	23.87
168.4	133.3092177	23.31	0.703	162.3	138.3643054	23.91
169	132.9121422	23.38	0.695	161.8	138.8665983	23.95
168.6	133.1749726	23.45	0.743	163.4	137.3085186	24.02
186.9	128.1192135	23.51	0.52	177.3	129.0621204	24.05
282.8	145.3516416	23.47	0.207	237.2	181.0963649	23.99
329.9	155.7099409	23.36	0.328	310.2	176.9345288	23.88
324.2	168.1018522	23.23	0.449	305.6	167.8384137	23.7
323.4	170.1401693	23.14	0.445	301.8	161.7528127	23.56
326.1	163.5761126	23.11	0.515	308.8	173.943875	23.5
330	155.5222256	23.02	0.565	320.8	177.3663815	23.41
336.5	145.1219829	22.93	0.485	324.7	166.8688935	23.36
343.1	137.5898354	22.86	0.409	329.7	156.0881634	23.33
356.1	129.4377621	22.79	0.285	344.2	136.5821614	23.31
13.81	129.6878915	22.71	0.22	359.4	128.5450401	23.26
16.02	130.6016356	22.64	0.241	1.85	128.1635949	23.2
35.07	148.5285695	22.6	0.272	26.4	137.8760949	23.16
33.99	146.9253723	22.6	0.258	49.21	179.8221282	23.13
56.73	182.2454732	22.6	0.188	88.6	144.6580519	23.12
125	166.7980522	22.59	0.3	141.1	176.4826621	23.13
139.5	181.3587702	22.62	0.222	136.8	190.5792409	23.15
125.8	168.1922038	22.66	0.156	145.8	164.2624968	23.18
86.1	145.4633897	22.68	0.097	146.9	161.7949854	23.21
121.9	161.8982783	22.69	0.102	137.8	187.0083138	23.22
97.7	144.0764313	22.71	0.095	134.5	187.5288517	23.25
8.16	128.2635074	22.71	0.026	125.8	168.1922038	23.26
345.9	135.1505606	22.69	0.054	347.2	134.1548834	23.26
323.2	170.6627261	22.64	0.142	320.4	178.5661959	23.24
321.3	175.9010607	22.6	0.172	304	165.1323684	23.2
322.3	173.0808789	22.58	0.218	302	162.0444998	23.16
327.8	159.8738411	22.57	0.241	319.4	181.6772422	23.11
335.8	146.0858429	22.56	0.292	326.1	163.5761126	23.05
344.8	136.0597477	22.53	0.262	331.4	152.989316	23
355.8	129.5409061	22.47	0.25	346.8	134.4523139	22.95
7.999	128.2415946	22.43	0.236	357.4	129.0334674	22.9
16.76	130.9541946	22.4	0.219	7.833	128.2200689	22.86
27.72	139.1955626	22.38	0.23	16.35	130.7559287	22.82
23.13	135.0155597	22.38	0.207	15.6	130.4120364	22.8
21.66	133.9082214	22.39	0.145	11.45	128.9363732	22.77
43	163.3495837	22.4	0.126	65.35	164.8896944	22.75
126.7	169.8286827	22.39	0.182	133.9	185.9112491	22.74

0.399	136.2	192.385621	153.4036841	Yes
0.411	140.1	179.4825368	165.9521422	Yes
0.496	151.7	152.4689987	149.5277679	Yes
0.47	161	139.7001382	141.7501005	Yes
0.787	163.7	137.032099	137.4081108	Yes
1.086	161.5	139.1748294	139.5893846	Yes
1.227	160.8	139.914364	142.719963	Yes
1.19	161.4	139.278727	140.3034105	Yes
1.124	162.5	138.1673439	140.1004398	Yes
1.122	164.3	136.4937737	139.1704442	Yes
1.095	166.6	134.6039881	134.9307071	Yes
1.054	168.5	133.2418584	133.619129	Yes
1.048	169.3	132.7199372	133.742893	Yes
1.068	171.1	131.6535994	132.7387141	Yes
0.874	178.9	128.6521114	141.5234438	Yes
0.453	191	128.8188092	152.2670738	Yes
0.195	283.9	145.7817973	151.7256582	Yes
0.393	306.1	168.7295603	161.0145537	Yes
0.396	296.7	155.273777	163.2036136	Yes
0.45	308.5	173.3294827	163.4545218	Yes
0.635	323	171.1905949	160.0315305	Yes
0.606	326.1	163.5761126	150.3459816	Yes
0.535	333	150.3016928	141.9358012	Yes
0.445	345.3	135.6387698	137.9239247	Yes
0.364	357.9	128.8962779	138.1082448	Yes
0.343	1.217	128.2394726	140.1110379	Yes
0.26	18.45	131.849423	147.6602122	Yes
0.213	16.89	131.018587	153.0072393	Yes
0.154	111	149.967168	154.3989941	Yes
0.402	155.5	146.5095784	161.5582733	Yes
0.311	157.6	143.6757156	163.4478478	Yes
0.328	170.6	131.9350344	150.6169018	Yes
0.262	170.7	131.8778474	140.6695433	Yes
0.265	167.9	133.6531567	155.0879186	Yes
0.288	168.7	133.1085592	147.2690326	Yes
0.215	181.9	128.1582717	137.9195003	Yes
0.183	188.7	128.3444613	137.8263174	Yes
0.085	234.5	188.0789318	173.7095097	Yes
0.082	264.9	145.9522103	164.2318093	Yes
0.124	279	144.2908609	160.3133656	Yes
0.141	304	165.1323684	162.5645973	Yes
0.249	324	168.6037636	150.3515614	Yes
0.251	336	145.8069274	140.0558224	Yes
0.215	355.6	129.6117355	134.5181258	Yes
0.185	8.88	128.3740036	138.7434502	Yes
0.159	7.578	128.1891121	138.9628409	Yes
0.155	26.35	137.8280398	144.8781518	Yes
0.154	28.51	140.0331965	141.9512066	Yes
0.11	32.48	144.8261256	143.9474683	Yes
0.087	99.8	144.4601404	161.395424	Yes
0.199	150.8	154.0534207	167.4984622	Yes

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9/13/2019	00:40	21.37	0.145
9/13/2019	00:41	21.35	0.179
9/13/2019	00:42	21.35	0.193
9/13/2019	00:43	21.35	0.163
9/13/2019	00:44	21.34	0.186
9/13/2019	00:45	21.35	0.182
9/13/2019	00:46	21.34	0.115
9/13/2019	00:47	21.32	0.161
9/13/2019	00:48	21.29	0.143
9/13/2019	00:49	21.26	0.138
9/13/2019	00:50	21.24	0.18
9/13/2019	00:51	21.21	0.122
9/13/2019	00:52	21.2	0.136
9/13/2019	00:53	21.18	0.102
9/13/2019	00:54	21.17	0.076
9/13/2019	00:55	21.15	0.055
9/13/2019	00:56	21.14	0.083
9/13/2019	00:57	21.15	0.154
9/13/2019	00:58	21.18	0.161
9/13/2019	00:59	21.21	0.159
9/13/2019	01:00	21.23	0.141
9/13/2019	01:01	21.27	0.18
9/13/2019	01:02	21.31	0.192
9/13/2019	01:03	21.35	0.221
9/13/2019	01:04	21.39	0.249
9/13/2019	01:05	21.44	0.263
9/13/2019	01:06	21.49	0.285
9/13/2019	01:07	21.56	0.313
9/13/2019	01:08	21.63	0.318
9/13/2019	01:09	21.68	0.263
9/13/2019	01:10	21.71	0.199
9/13/2019	01:11	21.75	0.199
9/13/2019	01:12	21.78	0.265
9/13/2019	01:13	21.81	0.209
9/13/2019	01:14	21.84	0.25
9/13/2019	01:15	21.87	0.258
9/13/2019	01:16	21.89	0.249
9/13/2019	01:17	21.92	0.249
9/13/2019	01:18	21.93	0.236
9/13/2019	01:19	21.96	0.303
9/13/2019	01:20	22.02	0.292
9/13/2019	01:21	22.05	0.282
9/13/2019	01:22	22.1	0.186
9/13/2019	01:23	22.1	0.122
9/13/2019	01:24	22.12	0.253
9/13/2019	01:25	22.13	0.144
9/13/2019	01:26	22.12	0.104
9/13/2019	01:27	22.1	0.058
9/13/2019	01:28	22.08	0.052
9/13/2019	01:29	22.06	0.168

139.3	181.9973899	21.56	0.176
138	186.3168781	21.57	0.189
156.1	145.6685335	21.57	0.202
127.2	170.7700049	21.57	0.238
140.5	178.2639076	21.59	0.227
108.9	148.4657012	21.59	0.237
98.7	144.234728	21.64	0.235
72.65	155.1094186	21.63	0.15
6.337	128.0748512	21.6	0.164
354.4	130.0717042	21.56	0.172
349.6	132.5319155	21.52	0.162
359	128.6298991	21.47	0.196
359.4	128.5450401	21.44	0.151
3.927	128.0248317	21.4	0.17
4.423	128.0166109	21.37	0.122
354.6	129.9908531	21.34	0.088
163.2	137.4955162	21.32	0.042
132.9	183.3205043	21.3	0.067
159	141.9509679	21.33	0.16
178.6	128.7211479	21.41	0.201
198.2	131.7089882	21.48	0.208
218.3	153.8738695	21.54	0.213
223.8	165.1937679	21.59	0.227
223.8	165.1937679	21.63	0.247
206.8	138.2655439	21.67	0.288
211.2	143.1699306	21.71	0.344
210.3	142.0699862	21.75	0.34
212.8	145.2575724	21.8	0.373
208.2	139.7001382	21.86	0.402
215.4	149.0360615	21.92	0.396
227	173.356455	21.97	0.352
222.8	162.8998881	22	0.313
219.6	156.2786798	22.02	0.3
206.2	137.6847037	22.04	0.325
186.5	128.0864199	22.07	0.297
192.2	129.1505175	22.09	0.315
185.9	128.0489586	22.12	0.325
189.5	128.4855767	22.14	0.352
187.8	128.2159189	22.16	0.332
204.2	135.8898012	22.16	0.3
201.2	133.5834127	22.18	0.363
209.9	141.5976893	22.23	0.36
206.5	137.9726212	22.27	0.332
222.6	162.4546358	22.31	0.24
241.6	171.5400605	22.31	0.181
211.5	143.5482783	22.32	0.388
237.5	180.3767538	22.34	0.203
277.3	144.0254863	22.32	0.134
265.4	145.7403654	22.31	0.1
217.3	152.1263931	22.29	0.084
165.1	135.8056071	22.28	0.211

109.8	149.0809751	22	0.171
115.5	153.9979779	22.01	0.218
130.4	177.3788901	22	0.208
102.9	145.3884291	21.99	0.217
117.4	156.0596058	21.99	0.204
85.4	145.7403654	22	0.287
76.18	151.6344754	22.05	0.279
56.58	182.6178816	22.08	0.253
353	130.6852129	22.07	0.157
335.7	146.2263702	22.03	0.213
327.8	159.8738411	21.98	0.207
333.2	149.9805289	21.93	0.323
331.7	152.4689987	21.91	0.232
339.7	141.1353782	21.88	0.3
336.9	144.586539	21.88	0.208
328.6	158.2364782	21.86	0.167
184.1	128.0208746	21.84	0.067
118.7	157.6032138	21.81	0.107
146.9	161.7949854	21.84	0.22
166.1	134.9918873	21.9	0.293
178.4	128.7691755	21.97	0.331
193.9	129.7210908	22.02	0.366
197	131.0736496	22.06	0.375
197.4	131.2783518	22.08	0.428
184.1	128.0208746	22.11	0.447
183.7	128.031795	22.13	0.547
184.6	128.016	22.18	0.539
189.2	128.4296876	22.22	0.63
184.6	128.016	22.28	0.649
186.8	128.1104281	22.33	0.66
202.8	134.7576487	22.37	0.573
197.1	131.1241663	22.37	0.441
196.5	130.8276183	22.39	0.47
184.8	128.0167799	22.4	0.498
169.2	132.7835393	22.43	0.495
169.9	132.3480491	22.44	0.505
163.7	137.032099	22.48	0.542
168.2	133.4453614	22.5	0.553
161.1	139.5939084	22.51	0.549
175.1	129.7960751	22.51	0.508
177.3	129.0621204	22.51	0.579
186.9	128.1192135	22.56	0.578
185.3	128.0255546	22.59	0.577
192.7	129.3060009	22.62	0.391
207.5	138.968767	22.61	0.357
192.8	129.3383252	22.62	0.515
211.4	143.4215034	22.64	0.331
240.5	173.7380647	22.62	0.225
223.1	163.5761126	22.61	0.207
201.9	134.0817512	22.61	0.195
151.2	153.3405134	22.61	0.308

102.3	145.1746105	22.4	0.198	110.3	149.4409821	22.76
119.1	158.1007946	22.4	0.237	113.7	152.2469608	22.74
126.8	170.0150814	22.4	0.291	116.6	155.1640479	22.73
93.5	143.8921176	22.37	0.286	82.8	146.9714914	22.72
102.4	145.2090977	22.36	0.299	89.1	144.530992	22.7
78.6	149.6633025	22.37	0.344	85.7	145.6188708	22.7
77.57	150.4631788	22.41	0.331	87.8	144.8847909	22.73
66.88	162.517523	22.44	0.258	85.9	145.540202	22.75
22.66	134.6498772	22.44	0.16	43.99	165.6426694	22.75
356.1	129.4377621	22.41	0.125	7.429	128.1722055	22.72
334.9	147.3766469	22.37	0.173	338.3	142.7974765	22.69
340	140.7951122	22.33	0.253	334.4	148.1195561	22.64
329.2	157.0502204	22.31	0.254	330.9	153.8738695	22.59
341.8	138.8665983	22.31	0.222	330.9	153.8738695	22.56
332.8	150.6260744	22.31	0.185	330.5	154.5974305	22.54
328.5	158.4376272	22.31	0.156	317.6	187.7071962	22.51
336.7	144.8528837	22.3	0.06	272.2	143.9919054	22.5
153.3	149.8211447	22.29	0.142	167.9	133.6531567	22.52
162.6	138.0697036	22.31	0.252	167.3	134.0817512	22.55
171.2	131.5986579	22.35	0.289	175.5	129.6477719	22.58
180.5	128.3444613	22.39	0.364	182	128.1479193	22.6
184.8	128.0167799	22.43	0.417	184.9	128.0177548	22.65
188.9	128.3773651	22.47	0.448	184.1	128.0208746	22.73
185.6	128.0355004	22.48	0.547	182.7	128.0864199	22.81
180.6	128.328602	22.52	0.588	178.3	128.7937914	22.89
179.4	128.5450401	22.55	0.632	176.9	129.1807975	22.98
181.9	128.1582717	22.62	0.651	178.6	128.7211479	23.08
182.6	128.0940314	22.65	0.66	180.1	128.4118509	23.11
179.5	128.5248214	22.71	0.69	176.4	129.3383252	23.18
183.2	128.0542255	22.77	0.718	180.6	128.328602	23.25
193.6	129.6117355	22.8	0.583	189.7	128.5248214	23.25
189.6	128.5050003	22.79	0.529	188.1	128.2552218	23.23
190	128.5866722	22.79	0.569	189	128.3944101	23.22
182.7	128.0864199	22.8	0.58	182.2	128.1283904	23.23
172.7	130.8276183	22.82	0.565	170.7	131.8778474	23.25
171.1	131.6535994	22.84	0.566	168.6	133.1749726	23.26
168.2	133.4453614	22.87	0.649	163.9	136.8505178	23.3
169.6	132.5319155	22.89	0.681	165.4	135.5561236	23.34
165.6	135.3923691	22.92	0.672	161.2	139.4882645	23.38
173.1	130.6386087	22.93	0.602	166.2	134.9133063	23.4
173.6	130.4120364	22.91	0.689	169.3	132.7199372	23.39
181	128.2691098	22.95	0.645	178.2	128.8188092	23.41
181.4	128.2159189	22.98	0.577	177.6	128.9773778	23.44
186.4	128.0791994	23	0.446	179.1	128.6080861	23.43
192.8	129.3383252	22.97	0.38	191.4	128.9229071	23.4
185.9	128.0489586	22.98	0.608	184.4	128.0167799	23.4
195.7	130.4564935	23.02	0.383	195.1	130.1961465	23.42
217	151.6188155	22.99	0.267	211.6	143.6757156	23.39
201.8	134.0091067	22.99	0.265	200.2	132.9121422	23.39
189	128.3944101	22.99	0.28	197.3	131.2265166	23.4
162.8	137.8760949	23.01	0.356	166.9	134.3772185	23.41

0.21	145.8	164.2624968	157.9912909	Yes
0.205	134.7	188.0789318	167.7483087	Yes
0.271	129.6	175.6274687	164.7708043	Yes
0.291	109	148.5320061	151.1108098	Yes
0.294	107.9	147.8305829	154.3788372	Yes
0.364	115.9	154.4133891	148.7803258	Yes
0.366	117.8	156.5227599	149.5479866	Yes
0.337	127.5	171.3461128	163.4262276	Yes
0.219	131.2	179.2008824	147.6506986	Yes
0.111	148.2	159.0470698	138.5910224	Yes
0.057	206.5	137.9726212	144.1105003	Yes
0.091	319.2	182.3192244	149.9688641	Yes
0.131	318.7	183.9540825	155.1784422	Yes
0.115	316	192.5757179	150.8952791	Yes
0.129	301.4	161.1784514	147.8010212	Yes
0.097	271.6	144.0630334	155.6870376	Yes
0.158	215.4	149.0360615	140.6794483	Yes
0.297	183.3	128.0489586	150.4893956	Yes
0.355	178.7	128.6977354	140.9190287	Yes
0.401	183.8	128.0284797	130.5975889	Yes
0.517	186.8	128.1104281	129.0161945	Yes
0.628	185.8	128.0440822	133.5347154	Yes
0.717	185.5	128.031795	136.1394905	Yes
0.86	185.7	128.0395961	136.1267272	Yes
0.894	183.3	128.0489586	130.2915541	Yes
1.011	184.5	128.016195	131.3887516	Yes
0.976	185.5	128.031795	130.9994402	Yes
0.977	184.6	128.016	131.6418285	Yes
1.025	184.1	128.0208746	130.7200319	Yes
1.014	186.2	128.065931	132.3190496	Yes
0.95	192.6	129.2740865	139.1049494	Yes
0.828	192	129.0911795	135.9750912	Yes
0.904	194.2	129.8341932	134.7843147	Yes
0.898	187.5	128.180153	130.0192894	Yes
0.877	182	128.1479193	130.3446688	Yes
0.851	178.9	128.6521114	130.99585	Yes
0.948	175.7	129.5761138	132.9906101	Yes
0.967	176.2	129.4042052	131.8846365	Yes
0.979	173	130.6852129	134.6751347	Yes
0.954	176.5	129.3060009	132.1087584	Yes
0.951	178	128.870052	130.9295118	Yes
0.934	184.5	128.016195	130.9642034	Yes
0.869	182.9	128.0723698	130.2527684	Yes
0.676	186.3	128.0723698	135.3040584	Yes
0.744	193	129.4042052	139.634853	Yes
0.793	189.6	128.5050003	131.4914685	Yes
0.596	194.8	130.0717042	142.9045203	Yes
0.533	206.5	137.9726212	150.2061407	Yes
0.528	203.9	135.6387698	142.3752993	Yes
0.551	198.4	131.8211113	135.5300365	Yes
0.606	178.3	128.7937914	138.0386451	Yes

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9/13/2019	01:31	22.04	0.164
9/13/2019	01:32	22.02	0.293
9/13/2019	01:33	22	0.251
9/13/2019	01:34	21.97	0.269
9/13/2019	01:35	21.97	0.239
9/13/2019	01:36	21.96	0.212
9/13/2019	01:37	21.94	0.194
9/13/2019	01:38	21.92	0.194
9/13/2019	01:39	21.89	0.154
9/13/2019	01:40	21.86	0.163
9/13/2019	01:41	21.83	0.138
9/13/2019	01:42	21.79	0.116
9/13/2019	01:43	21.75	0.073
9/13/2019	01:44	21.72	0.033
9/13/2019	01:45	21.69	0.028
9/13/2019	01:46	21.65	0.028
9/13/2019	01:47	21.62	0.107
9/13/2019	01:48	21.61	0.095
9/13/2019	01:49	21.6	0.074
9/13/2019	01:50	21.57	0.148
9/13/2019	01:51	21.53	0.157
9/13/2019	01:52	21.48	0.168
9/13/2019	01:53	21.43	0.234
9/13/2019	01:54	21.38	0.185
9/13/2019	01:55	21.36	0.264
9/13/2019	01:56	21.33	0.217
9/13/2019	01:57	21.31	0.283
9/13/2019	01:58	21.28	0.267
9/13/2019	01:59	21.24	0.291
9/13/2019	02:00	21.2	0.302
9/13/2019	02:01	21.17	0.277
9/13/2019	02:02	21.14	0.285
9/13/2019	02:03	21.11	0.173
9/13/2019	02:04	21.08	0.263
9/13/2019	02:05	21.06	0.168
9/13/2019	02:06	21.05	0.27
9/13/2019	02:07	21.05	0.293
9/13/2019	02:08	21.07	0.372
9/13/2019	02:09	21.12	0.362
9/13/2019	02:10	21.15	0.283
9/13/2019	02:11	21.19	0.258
9/13/2019	02:12	21.23	0.208
9/13/2019	02:13	21.2	0.188
9/13/2019	02:14	21.19	0.13
9/13/2019	02:15	21.16	0.311
9/13/2019	02:16	21.13	0.283
9/13/2019	02:17	21.1	0.182
9/13/2019	02:18	21.09	0.19
9/13/2019	02:19	21.08	0.261
9/13/2019	02:20	21.07	0.112

173.7	130.3680067	22.29	0.256
183.6	128.0355004	22.28	0.233
163.9	136.8505178	22.28	0.384
165.6	135.3923691	22.29	0.341
167.5	133.9369487	22.28	0.375
187.4	128.1690162	22.28	0.36
201.2	133.5834127	22.27	0.3
228	176.1911131	22.25	0.286
231.2	186.3168781	22.22	0.272
227.3	174.1916691	22.19	0.225
254.3	153.3930028	22.15	0.201
283.5	145.6188708	22.11	0.168
287.4	147.531862	22.06	0.145
304.5	165.9547117	22.01	0.074
155	147.2303008	21.97	0.032
270	144.3305061	21.93	0.042
274	143.8734887	21.9	0.051
307.2	170.7700049	21.88	0.125
292.4	151.0987909	21.88	0.147
351.9	131.2265166	21.89	0.083
4.833	128.0170585	21.87	0.141
10.91	128.7962751	21.86	0.149
34.58	147.7903685	21.83	0.201
41.33	159.7279736	21.78	0.281
51.34	186.8001057	21.71	0.229
71.5	156.4059988	21.66	0.304
80.7	148.2055809	21.63	0.248
74.25	153.4425938	21.59	0.323
59.92	174.9460399	21.54	0.339
61.01	172.70411	21.48	0.34
58.91	177.1339485	21.42	0.352
58.82	177.3342562	21.37	0.309
50.42	183.6895958	21.32	0.326
61.47	171.7936334	21.27	0.209
65.91	163.9998697	21.22	0.289
70.13	158.0630996	21.19	0.181
65.79	164.188418	21.18	0.267
82.2	147.3018158	21.19	0.305
93.6	143.8875148	21.22	0.404
87.2	145.0738969	21.31	0.426
71.75	156.1169343	21.36	0.301
93.2	143.9085582	21.41	0.322
53.89	189.7911702	21.48	0.23
341.3	139.3832047	21.45	0.197
38.05	153.4288573	21.41	0.182
8.57	128.3239212	21.37	0.344
340.2	140.5713153	21.31	0.311
325.8	164.2624968	21.26	0.181
18.65	131.9637973	21.23	0.208
30.18	141.92724	21.21	0.327
18.82	132.0624377	21.19	0.167

154.7	147.6715655	22.63	0.373
161.2	139.4882645	22.62	0.424
145.6	164.7258126	22.67	0.645
143.7	169.3661605	22.73	0.594
147.3	160.9305691	22.75	0.62
165.3	135.6387698	22.78	0.638
178.9	128.6521114	22.75	0.543
200.9	133.3770516	22.71	0.527
206.5	137.9726212	22.68	0.519
202.3	134.3772185	22.63	0.453
221.9	160.9305691	22.57	0.366
253.1	154.6247674	22.5	0.251
263.6	146.5582885	22.44	0.212
283	145.4256783	22.37	0.124
255.9	151.8834871	22.32	0.087
235.2	186.1774937	22.28	0.109
220.4	157.837148	22.24	0.114
258.9	149.4409821	22.21	0.194
252.5	155.273777	22.22	0.18
298.4	157.2370948	22.22	0.101
332.8	150.6260744	22.21	0.079
337.6	143.6757156	22.21	0.091
359.6	128.5050003	22.19	0.222
7.783	128.2137976	22.16	0.369
22.73	134.7036409	22.11	0.298
40.68	158.3973179	22.09	0.379
49.62	181.1051921	22.06	0.325
49.97	182.2224963	21.98	0.372
37.36	152.2288183	21.9	0.419
35.42	149.0670892	21.82	0.418
34.33	147.4206951	21.75	0.455
33.75	146.5808313	21.7	0.392
29.65	141.3075838	21.64	0.432
31.52	143.5737127	21.56	0.335
39.02	155.1866653	21.5	0.379
42.7	162.6767095	21.46	0.251
40.96	158.965288	21.44	0.328
54.05	189.3369701	21.46	0.412
64.54	166.2222748	21.55	0.506
58.45	178.1671603	21.72	0.547
53.21	191.762893	21.78	0.401
69.17	159.3000938	21.85	0.429
34.12	147.1137554	21.92	0.236
327.7	160.0831011	21.87	0.204
11.47	128.9417879	21.81	0.236
347.7	133.7940871	21.75	0.346
328	159.4584123	21.67	0.457
2.49	128.1028559	21.6	0.2
354.6	129.9908531	21.58	0.214
0.36	128.367328	21.55	0.345
355.8	129.5409061	21.5	0.237

166.2	134.9133063	23.03	0.46	168.5	133.2418584	23.42
165.5	135.4739906	23.03	0.498	163.2	137.4955162	23.44
157.1	144.3229273	23.12	0.746	154.8	147.5237341	23.52
153.5	149.5047542	23.19	0.718	150.8	154.0534207	23.57
157	144.4543929	23.24	0.792	155.5	146.5095784	23.64
166.8	134.4523139	23.29	0.765	163	137.6847037	23.67
175.5	129.6477719	23.28	0.693	170.3	132.1093104	23.69
186.9	128.1192135	23.25	0.608	183.2	128.0542255	23.68
192.5	129.2425815	23.22	0.592	188.9	128.3773651	23.64
190.9	128.7937914	23.17	0.541	187.5	128.180153	23.6
205.9	137.4017445	23.09	0.45	201.2	133.5834127	23.53
237.4	180.615438	23.01	0.293	224.2	166.1438025	23.41
256	151.7940443	22.91	0.254	234.8	187.2558705	23.27
284.4	145.9959883	22.82	0.187	228.2	176.7757169	23.16
212.1	144.3229273	22.75	0.234	198.8	132.0507649	23.07
218.8	154.7805667	22.69	0.197	200	132.7835393	23.02
198.6	131.9350344	22.65	0.198	189.6	128.5050003	22.99
230.8	184.9559525	22.62	0.23	220	157.0502204	22.97
232.8	192.0626612	22.61	0.24	219.8	156.6625457	22.97
252	155.8318976	22.62	0.2	217.8	152.989316	23
287.4	147.531862	22.6	0.143	233.2	191.7923969	22.98
307.7	171.7349716	22.59	0.118	245.8	164.1726616	22.98
349.7	132.4701664	22.57	0.095	315.8	192.5757179	22.96
358	128.870052	22.54	0.23	351.6	131.3833467	22.93
10.97	128.8112617	22.49	0.324	354.1	130.1961465	22.87
21.2	133.5834127	22.46	0.274	20.87	133.3566516	22.81
39.17	155.4660915	22.43	0.376	21.56	133.8367424	22.76
54.17	188.9987095	22.35	0.428	35.92	149.8529579	22.7
40.36	157.757754	22.27	0.507	22.31	134.3847058	22.65
35.65	149.4261494	22.14	0.556	22.58	134.5887315	22.53
34.22	147.2595109	22.07	0.599	20.3	132.977145	22.52
36.35	150.5446758	22.04	0.566	22.62	134.6192646	22.56
30.6	142.43085	21.97	0.6	17.12	131.1343223	22.57
28.47	139.9899016	21.87	0.483	16.9	131.0235708	22.48
39.19	155.503505	21.79	0.546	24.63	136.2577676	22.42
40.19	157.4220737	21.75	0.41	28.65	140.1854782	22.48
43.56	164.6327799	21.78	0.52	30.57	142.3945054	22.58
54.48	188.1342436	21.92	0.595	38.23	153.7487109	22.71
58.25	178.6237562	22.12	0.635	49.1	179.4825368	22.84
52.69	191.6514912	22.34	0.62	48.8	178.5661959	22.98
56.18	183.6246318	22.42	0.499	46.33	171.5365878	23.03
65.06	165.3605334	22.51	0.484	59.8	175.2003149	23.11
36.5	150.7894808	22.56	0.233	57.97	179.270618	23.11
335.4	146.6522652	22.5	0.173	325	166.1438025	23.07
7.442	128.1736459	22.4	0.292	1.429	128.2123071	22.98
348.4	133.3092177	22.3	0.37	349.4	132.6567999	22.9
333.6	149.347741	22.15	0.513	333.1	150.1407104	22.74
3.923	128.024937	22.04	0.218	323	171.1905949	22.57
352.1	131.1241663	21.99	0.339	341.1	139.5939084	22.5
359.3	128.565657	21.94	0.482	347.8	133.7233811	22.44
356.9	129.1807975	21.85	0.342	350.5	131.9926732	22.31

0.701	179.4	128.5450401	134.9479554	Yes
0.778	175	129.8341932	134.065493	Yes
0.964	167.2	134.1548834	145.515575	Yes
0.976	165.7	135.3112579	148.7255925	Yes
1.052	167.9	133.6531567	143.8969292	Yes
1.037	172.6	130.8759536	133.3641514	Yes
1.014	178.8	128.6747234	130.5334659	Yes
0.924	186	128.0542255	138.7591658	Yes
0.899	189.8	128.5450401	142.0908972	Yes
0.906	189.5	128.4855767	138.8056818	Yes
0.757	200	132.7835393	143.6184537	Yes
0.519	207.9	139.3832047	157.2772167	Yes
0.408	217.6	152.6415793	157.1563289	Yes
0.284	218.5	154.2338617	157.6771914	Yes
0.439	198.6	131.9350344	141.4845029	Yes
0.435	197.4	131.2783518	149.8700915	Yes
0.461	187.6	128.1916822	138.0684707	Yes
0.436	206.4	137.8760949	160.018651	Yes
0.465	204.3	135.9745142	158.2144578	Yes
0.384	210	141.7148217	147.7999293	Yes
0.262	214.5	147.6715655	153.1277915	Yes
0.276	221	159.0470698	153.4853388	Yes
0.141	236.1	183.8283932	157.0339293	Yes
0.075	351.1	131.6535994	135.9697539	Yes
0.193	19.8	132.6567999	142.6335909	Yes
0.203	54.42	188.3005121	154.0087786	Yes
0.288	37.88	153.1293779	154.3485969	Yes
0.368	39.42	155.9364261	166.0906367	Yes
0.538	28.96	140.5268466	151.9688329	Yes
0.682	25	136.5821614	148.4736483	Yes
0.682	25.92	137.4204551	148.4423509	Yes
0.667	28.28	139.7855454	149.7729147	Yes
0.811	22.25	134.3398556	146.5804415	Yes
0.696	24.8	136.4059155	144.5573468	Yes
0.779	27.92	139.4041701	150.0703955	Yes
0.658	34	146.9398193	153.0574361	Yes
0.675	34.05	147.0121643	155.4386311	Yes
0.6	41.8	160.717127	167.8477735	Yes
0.605	50	182.3192244	170.1070614	Yes
0.551	54.26	188.7463486	176.4410186	Yes
0.476	54.95	186.8489507	177.9779995	Yes
0.428	70.36	157.776136	160.3091273	Yes
0.182	80.8	148.1418203	163.0213689	Yes
0.126	11.52	128.9553955	148.2435538	Yes
0.188	19.96	132.7580426	134.3029282	Yes
0.365	12.92	129.377656	131.4923364	Yes
0.477	346.6	134.6039881	146.8244334	Yes
0.323	340.9	139.8069561	146.2775682	Yes
0.461	353.3	130.5466922	132.6438835	Yes
0.648	355.8	129.5409061	132.4249024	Yes
0.5	359.3	128.565657	130.2684943	Yes

9/13/2019	02:21	21.06	0.229
9/13/2019	02:22	21.04	0.221
9/13/2019	02:23	21.04	0.115
9/13/2019	02:24	21.03	0.088
9/13/2019	02:25	21.02	0.227
9/13/2019	02:26	21.01	0.138
9/13/2019	02:27	21.01	0.185
9/13/2019	02:28	21	0.134
9/13/2019	02:29	21	0.114
9/13/2019	02:30	21	0.095
9/13/2019	02:31	21	0.113
9/13/2019	02:32	21	0.213
9/13/2019	02:33	21.02	0.189
9/13/2019	02:34	21	0.099
9/13/2019	02:35	21	0.189
9/13/2019	02:36	21.03	0.239
9/13/2019	02:37	21.02	0.102
9/13/2019	02:38	21.01	0.148
9/13/2019	02:39	21	0.246
9/13/2019	02:40	20.99	0.095
9/13/2019	02:41	20.97	0.178
9/13/2019	02:42	20.96	0.187
9/13/2019	02:43	20.95	0.174
9/13/2019	02:44	20.95	0.136
9/13/2019	02:45	20.97	0.179
9/13/2019	02:46	21.02	0.186
9/13/2019	02:47	21.08	0.249
9/13/2019	02:48	21.1	0.167
9/13/2019	02:49	21.08	0.222
9/13/2019	02:50	21.07	0.274
9/13/2019	02:51	21.05	0.214
9/13/2019	02:52	21.02	0.247
9/13/2019	02:53	20.99	0.202
9/13/2019	02:54	20.97	0.247
9/13/2019	02:55	20.96	0.278
9/13/2019	02:56	20.96	0.233
9/13/2019	02:57	20.96	0.287
9/13/2019	02:58	20.96	0.23
9/13/2019	02:59	20.96	0.308
9/13/2019	03:00	20.95	0.103
9/13/2019	03:01	20.94	0.172
9/13/2019	03:02	20.93	0.203
9/13/2019	03:03	20.92	0.267
9/13/2019	03:04	20.92	0.362
9/13/2019	03:05	20.93	0.387
9/13/2019	03:06	20.95	0.371
9/13/2019	03:07	20.97	0.342
9/13/2019	03:08	20.98	0.419
9/13/2019	03:09	21	0.413
9/13/2019	03:10	21.02	0.39
9/13/2019	03:11	21.05	0.375

39.9	156.8559046	21.16	0.269
35.14	148.6355185	21.14	0.271
12.26	129.1686366	21.13	0.144
254.1	153.5922617	21.11	0.086
40.38	157.7974314	21.11	0.256
355.5	129.6477719	21.1	0.17
19.86	132.6946266	21.1	0.218
34.96	148.3612642	21.09	0.175
9.31	128.4497658	21.09	0.129
79.89	148.7408108	21.09	0.12
124.1	165.2951784	21.11	0.124
101.1	144.796372	21.14	0.236
56.39	183.0935953	21.19	0.219
58.9	177.156161	21.18	0.133
83	146.8652868	21.17	0.21
78.69	149.5961062	21.24	0.259
62.55	169.7358303	21.26	0.131
71.33	156.6048804	21.25	0.164
57.5	180.3767538	21.25	0.287
73.74	153.956972	21.24	0.154
28.52	140.0440351	21.21	0.223
43.58	164.6792731	21.19	0.251
50.78	184.8886638	21.18	0.215
51.34	186.8001057	21.17	0.174
77.46	150.5519898	21.18	0.175
112.8	151.441929	21.26	0.222
101.7	144.9772949	21.35	0.272
138.4	184.9559525	21.4	0.206
132	181.0963649	21.38	0.314
147.1	161.3606366	21.44	0.341
131.8	180.615438	21.4	0.29
132.6	182.5680669	21.34	0.323
134.7	188.0789318	21.29	0.267
126.8	170.0150814	21.25	0.317
132.4	182.0726285	21.23	0.358
128.2	172.724134	21.27	0.306
137.8	187.0083138	21.26	0.372
145.9	164.0325631	21.26	0.287
135.9	191.4980279	21.25	0.356
129	174.3585583	21.22	0.142
141.8	174.472931	21.19	0.241
137.3	188.7697038	21.18	0.289
136.7	190.9470722	21.16	0.363
136.7	190.9470722	21.16	0.462
146.4	162.8998881	21.17	0.465
146.7	162.2336611	21.18	0.474
154.9	147.3766469	21.18	0.411
156	145.8069274	21.17	0.451
155.6	146.3676144	21.17	0.463
158	143.1699306	21.18	0.497
153.7	149.1915112	21.21	0.489

16.91	131.028559	21.46	0.297
11.2	128.870052	21.45	0.383
2.286	128.1204747	21.49	0.158
250.5	157.6032138	21.47	0.097
13.42	129.5479146	21.49	0.364
340	140.7951122	21.54	0.258
356	129.4717308	21.58	0.326
9.51	128.4875012	21.59	0.278
2.714	128.0853855	21.6	0.175
43.63	164.7957089	21.61	0.172
81	148.0158154	21.6	0.122
72.06	155.7640845	21.59	0.273
37.01	151.6356133	21.62	0.26
36.56	150.8879157	21.6	0.223
50.35	183.459086	21.58	0.258
47.61	175.0682881	21.64	0.323
39.7	156.470139	21.67	0.201
44.8	167.6049563	21.68	0.234
33.77	146.6093831	21.73	0.408
36.14	150.2050071	21.76	0.294
14.28	129.8649888	21.76	0.342
22.72	134.6959454	21.77	0.419
23.4	135.2306555	21.79	0.336
14.99	130.1500757	21.79	0.236
41.18	159.4170949	21.8	0.209
79.27	149.1733175	21.83	0.203
69.85	158.4173114	21.88	0.236
115.2	153.6927882	21.89	0.239
106.8	147.1897488	21.92	0.235
127.2	170.7700049	22	0.327
115.9	154.4133891	21.97	0.397
115	153.4923338	21.92	0.408
121	160.6159553	21.87	0.361
107.8	147.7698413	21.82	0.389
113	151.6168585	21.85	0.434
107.7	147.7095994	21.93	0.392
119.7	158.8676643	21.94	0.505
125.7	168.0148666	21.9	0.439
120.3	159.6596036	21.87	0.465
112.1	150.8472717	21.81	0.209
119.9	159.1288318	21.74	0.371
119.9	159.1288318	21.69	0.399
119.4	158.4811294	21.67	0.514
121	160.6159553	21.67	0.641
127.9	172.1277015	21.69	0.643
128.4	173.1267013	21.69	0.653
136.4	192.0626612	21.64	0.551
137.1	189.4876488	21.59	0.587
137.3	188.7697038	21.55	0.644
141.2	176.1911131	21.54	0.681
139.2	182.3192244	21.55	0.613

20.48	133.0953331	21.77	0.426	2.886	128.0733024	22.23
21.33	133.6741735	21.77	0.43	8.19	128.2677033	22.27
15.24	130.2555239	21.85	0.25	6.452	128.0829052	22.35
22.66	134.6498772	21.83	0.125	24.92	136.5114088	22.36
357.7	128.9499403	21.9	0.346	339.8	141.0213439	22.49
337.7	143.5482783	22.01	0.297	331.8	152.2972712	22.65
355.3	129.7210908	22.12	0.386	340.7	140.0223639	22.77
1.584	128.1935634	22.18	0.297	338.1	143.0451277	22.85
10.79	128.766736	22.22	0.28	355.6	129.6117355	22.87
38.85	154.8724747	22.2	0.272	14.54	129.9669261	22.8
70.28	157.8755427	22.15	0.219	34.57	147.7754919	22.72
60.37	174.0058166	22.1	0.343	38.56	154.3425553	22.63
42.72	162.7212567	22.08	0.373	21.12	133.5279627	22.57
41.42	159.9156104	22.02	0.381	19.4	132.4088779	22.51
44.6	167.1130196	22.01	0.401	19.82	132.6693902	22.51
37.66	152.7455389	22.09	0.349	14.69	130.0270276	22.55
42.98	163.3044128	22.16	0.33	13.5	129.5761138	22.63
40.02	157.0891988	22.19	0.331	5.452	128.0301549	22.72
20.01	132.7899251	22.25	0.401	353.3	130.5466922	22.83
19.47	132.4517315	22.34	0.403	0.247	128.3863497	22.95
12.18	129.1445104	22.38	0.403	350.8	131.8211113	23.03
16.65	130.9002842	22.41	0.439	354.7	129.9510588	23.04
8.07	128.2511322	22.42	0.339	335.5	146.5095784	23
357.3	129.0621204	22.44	0.215	322.4	172.8067032	22.98
19.39	132.4027743	22.42	0.186	350.1	132.2277664	22.99
49.04	179.2981234	22.41	0.157	21.31	133.6601575	22.99
51.92	188.8411499	22.41	0.194	34.13	147.1282978	22.96
100.3	144.580468	22.39	0.296	76.43	151.4158835	22.92
91.1	144.1344398	22.37	0.288	78.72	149.5738029	22.89
113.1	151.7051686	22.41	0.381	97.5	144.0500767	22.89
114.5	153.0016129	22.39	0.429	107.3	147.4736091	22.84
112.2	150.9305587	22.39	0.468	106.4	146.9714914	22.81
114.2	152.7142528	22.41	0.46	108.2	148.0158154	22.82
105.8	146.658692	22.44	0.455	99.5	144.3933148	22.81
110.8	149.8141685	22.51	0.529	103	145.4256783	22.85
110.8	149.8141685	22.61	0.502	102.4	145.2090977	22.91
115.6	154.1009172	22.68	0.624	114.3	152.8094541	22.98
118.6	157.480505	22.72	0.53	117	155.6067462	23.06
117.8	156.5227599	22.74	0.591	117.8	156.5227599	23.15
108	147.8918251	22.7	0.415	111.1	150.0444711	23.21
113.4	151.9734986	22.6	0.521	116.9	155.4951241	23.25
114.2	152.7142528	22.58	0.572	119.5	158.6092822	23.3
113.2	151.7940443	22.62	0.738	115.2	153.6927882	23.33
116.8	155.3841351	22.73	0.874	117.8	156.5227599	23.37
122.9	163.3950032	22.82	0.893	121.7	161.6081001	23.41
123	163.5489495	22.76	0.871	122.2	162.3392225	23.41
128.5	173.3294827	22.57	0.754	127.3	170.9610894	23.38
132.6	182.5680669	22.37	0.795	131	178.7386118	23.33
134.1	186.4450707	22.23	0.869	134	186.1774937	23.28
138.9	183.2949574	22.16	0.869	137.6	187.7071962	23.24
135.9	191.4980279	22.13	0.83	133.9	185.9112491	23.19

0.546	6.174	128.0643209	135.423484	Yes
0.531	1.508	128.2026359	133.5300167	Yes
0.322	358.4	128.7691755	128.8793432	Yes
0.259	357.9	128.8962779	142.2506079	Yes
0.504	333.6	149.347741	141.3328742	Yes
0.394	329.1	157.2454979	144.7067863	Yes
0.488	335.3	146.7956779	135.741098	Yes
0.501	324.9	166.3842917	142.8943496	Yes
0.335	350.5	131.9926732	129.3812592	Yes
0.388	7.765	128.211564	145.3174969	Yes
0.26	23.08	134.9761309	150.7876318	Yes
0.388	28.07	139.5621538	153.6941964	Yes
0.45	14.3	129.8727295	152.1702315	Yes
0.437	14.65	130.010908	150.0758946	Yes
0.441	1.905	128.1577448	151.6529055	Yes
0.368	357.6	128.9773778	147.2828677	Yes
0.418	352.4	130.9739291	150.012085	Yes
0.412	343.9	136.8505178	149.2359417	Yes
0.489	343.8	136.9410396	145.4527588	Yes
0.499	349.4	132.6567999	139.531372	Yes
0.551	340.2	140.5713153	134.2891922	Yes
0.506	334.9	147.3766469	141.5206417	Yes
0.44	310.8	178.2808867	154.6321833	Yes
0.375	315.8	192.5757179	162.2789446	Yes
0.339	337	144.4543929	143.8108037	Yes
0.264	357.4	129.0334674	148.521399	Yes
0.192	0.15	128.403081	153.553427	Yes
0.228	41.67	160.4412267	159.0172638	Yes
0.237	48.99	179.1448847	160.2278482	Yes
0.288	90.8	144.18259	154.4136954	Yes
0.307	109.6	148.9406289	156.8889356	Yes
0.387	122.1	162.1914802	159.2307862	Yes
0.39	128.4	173.1267013	164.5103313	Yes
0.363	125.4	167.4881453	155.265015	Yes
0.521	124.3	165.6232794	158.9105226	Yes
0.472	121.7	161.6081001	155.4130199	Yes
0.625	133	183.5738179	167.2720335	Yes
0.628	141.2	176.1911131	164.2651588	Yes
0.692	138	186.3168781	170.1040059	Yes
0.637	135.8	191.2051427	162.8694538	Yes
0.695	144.3	167.8527808	161.7846333	Yes
0.747	143.6	169.6228634	165.7689868	Yes
0.798	139.1	182.6427564	167.5115581	Yes
0.939	138.7	183.9540825	169.484801	Yes
0.995	138.2	185.6327901	169.1326966	Yes
1.178	138.3	185.293471	169.3084011	Yes
1.239	140.1	179.4825368	172.6424834	Yes
1.266	144.8	166.6259865	172.6454483	Yes
1.354	145.5	164.9592071	174.5438179	Yes
1.336	149.8	155.8985853	169.2523565	Yes
1.252	146.7	162.2336611	174.2307347	Yes

9/13/2019	03:12	21.08	0.437
9/13/2019	03:13	21.1	0.424
9/13/2019	03:14	21.13	0.465
9/13/2019	03:15	21.16	0.389
9/13/2019	03:16	21.2	0.422
9/13/2019	03:17	21.25	0.403
9/13/2019	03:18	21.3	0.393
9/13/2019	03:19	21.36	0.42
9/13/2019	03:20	21.41	0.283
9/13/2019	03:21	21.44	0.32
9/13/2019	03:22	21.46	0.414
9/13/2019	03:23	21.48	0.394
9/13/2019	03:24	21.51	0.418
9/13/2019	03:25	21.54	0.358
9/13/2019	03:26	21.57	0.379
9/13/2019	03:27	21.56	0.342
9/13/2019	03:28	21.55	0.32
9/13/2019	03:29	21.55	0.367
9/13/2019	03:30	21.55	0.389
9/13/2019	03:31	21.56	0.457
9/13/2019	03:32	21.59	0.472
9/13/2019	03:33	21.63	0.47
9/13/2019	03:34	21.66	0.341
9/13/2019	03:35	21.68	0.368
9/13/2019	03:36	21.68	0.34
9/13/2019	03:37	21.68	0.328
9/13/2019	03:38	21.67	0.278
9/13/2019	03:39	21.65	0.27
9/13/2019	03:40	21.62	0.173
9/13/2019	03:41	21.59	0.163
9/13/2019	03:42	21.55	0.09
9/13/2019	03:43	21.51	0.096
9/13/2019	03:44	21.45	0.124
9/13/2019	03:45	21.4	0.08
9/13/2019	03:46	21.35	0.043
9/13/2019	03:47	21.3	0.027
9/13/2019	03:48	21.25	0.099
9/13/2019	03:49	21.2	0.212
9/13/2019	03:50	21.13	0.255
9/13/2019	03:51	21.08	0.309
9/13/2019	03:52	21.05	0.338
9/13/2019	03:53	21.03	0.334
9/13/2019	03:54	21.03	0.304
9/13/2019	03:55	21.02	0.291
9/13/2019	03:56	21.04	0.317
9/13/2019	03:57	21.05	0.343
9/13/2019	03:58	21.06	0.416
9/13/2019	03:59	21.09	0.444
9/13/2019	04:00	21.13	0.412
9/13/2019	04:01	21.18	0.42
9/13/2019	04:02	21.24	0.472

157.7	143.5482783	21.23	0.514
159.1	141.8325805	21.24	0.513
159	141.9509679	21.26	0.527
160	140.7951122	21.29	0.524
160.4	140.3499361	21.32	0.516
159.6	141.2500277	21.36	0.451
172.2	131.0736496	21.41	0.516
180.2	128.3944101	21.47	0.442
178.8	128.6747234	21.52	0.404
186	128.0542255	21.53	0.399
186.7	128.1020341	21.55	0.419
181.5	128.2036041	21.57	0.408
173.3	130.5466922	21.6	0.553
184.4	128.0167799	21.62	0.434
180	128.4296876	21.65	0.453
171.2	131.5986579	21.64	0.403
177.1	129.120645	21.63	0.387
174.4	130.0717042	21.62	0.449
178.4	128.7691755	21.62	0.463
180.5	128.3444613	21.64	0.608
176.8	129.2114853	21.68	0.516
187.2	128.1479193	21.72	0.562
191	128.8188092	21.74	0.488
183.2	128.0542255	21.77	0.421
180.1	128.4118509	21.78	0.445
184.9	128.0177548	21.78	0.436
191.3	128.8962779	21.77	0.379
206.1	137.5898354	21.75	0.297
223	163.3495837	21.72	0.243
226	170.6627261	21.69	0.197
259	149.3679312	21.64	0.089
321.7	174.7556358	21.6	0.093
334.9	147.3766469	21.55	0.132
338.3	142.7974765	21.49	0.089
342	138.6639767	21.44	0.052
177.5	129.00522	21.4	0.037
204.3	135.9745142	21.35	0.124
192.4	129.2114853	21.31	0.257
180.7	128.3131374	21.23	0.327
184.2	128.0191197	21.17	0.399
175.2	129.7583745	21.15	0.388
181.1	128.2552218	21.14	0.381
178.8	128.6747234	21.14	0.342
177.8	128.9229071	21.15	0.361
182.2	128.1283904	21.17	0.422
174.9	129.8727295	21.18	0.463
183.6	128.0355004	21.19	0.502
185	128.0191197	21.22	0.482
189.1	128.4118509	21.26	0.542
193.1	129.4377621	21.3	0.56
196.2	130.6852129	21.35	0.543

137.6	187.7071962	21.55	0.651
139.4	181.6772422	21.54	0.697
141.3	175.9010607	21.55	0.667
139.6	181.0419634	21.56	0.612
136.8	190.5792409	21.58	0.666
138.3	185.293471	21.6	0.576
147.2	161.1450705	21.65	0.677
155.2	146.9398193	21.71	0.653
158.7	142.3099249	21.74	0.526
162.7	137.9726212	21.74	0.486
159.4	141.481181	21.75	0.643
159.4	141.481181	21.76	0.586
157.1	144.3229273	21.79	0.679
162	138.6639767	21.8	0.587
157.8	143.4215034	21.82	0.543
149.9	155.7099409	21.81	0.57
151.2	153.3405134	21.8	0.512
149.1	157.2454979	21.79	0.544
154	148.7274886	21.8	0.644
154.2	148.4219956	21.82	0.706
152.5	151.1187431	21.87	0.75
159.9	140.9079226	21.91	0.668
162.6	138.0697036	21.94	0.625
163.4	137.3085186	21.97	0.648
159.4	141.481181	21.98	0.623
162.5	138.1673439	21.98	0.587
168.4	133.3092177	21.97	0.495
177.6	128.9773778	21.96	0.414
193.7	129.6477719	21.93	0.319
195.7	130.4564935	21.89	0.217
220.6	158.2364782	21.84	0.112
275.8	143.897159	21.79	0.101
299.3	158.3536654	21.73	0.125
307	170.3906689	21.68	0.101
306.5	169.4586546	21.63	0.089
213.4	146.0858429	21.58	0.06
184.3	128.0177548	21.53	0.112
168.9	132.977145	21.46	0.299
155.8	146.0858429	21.39	0.439
159.1	141.8325805	21.34	0.502
155.6	146.3676144	21.33	0.484
157.8	143.4215034	21.34	0.476
157.5	143.8038178	21.35	0.45
158.5	142.5524154	21.38	0.513
160.3	140.4603245	21.41	0.567
155.4	146.6522652	21.43	0.592
156.8	144.7193684	21.45	0.636
160.8	139.914364	21.47	0.656
162.6	138.0697036	21.51	0.687
168.5	133.2418584	21.54	0.74
173.9	130.2812262	21.58	0.66

135.1	189.1957803	22.08	0.85	135.3	189.7626755	23.01
137.6	187.7071962	22.02	0.885	137.4	188.4136263	22.87
139.3	181.9973899	21.99	0.859	138.2	185.6327901	22.73
136.7	190.9470722	21.95	0.807	136.8	190.5792409	22.57
135.8	191.2051427	21.94	0.82	133.7	185.382728	22.47
134.8	188.3560461	21.94	0.768	134	186.1774937	22.43
146.7	162.2336611	21.98	0.798	142.1	173.6334397	22.44
151.7	152.4689987	22.01	0.701	147.7	160.0831011	22.43
157	144.4543929	22.02	0.632	148.6	158.2364782	22.38
159.3	141.5976893	21.99	0.667	151.4	152.989316	22.32
157	144.4543929	22	0.74	152.3	151.4512959	22.3
156.8	144.7193684	22.01	0.742	152.2	151.6188155	22.32
157.6	143.6757156	22.05	0.838	151.7	152.4689987	22.38
158.6	142.43085	22.06	0.677	151.7	152.4689987	22.39
153.9	148.8813884	22.08	0.721	149.8	155.8985853	22.4
148	159.4584123	22.06	0.677	143.9	168.856618	22.4
147.1	161.3606366	22.05	0.656	143.6	169.6228634	22.38
146	163.8037704	22.03	0.703	142.5	172.5339195	22.35
151.9	152.1263931	22.04	0.781	145.8	164.2624968	22.35
152.7	150.7894808	22.07	0.874	146.8	162.0137796	22.37
151.7	152.4689987	22.12	0.863	148.2	159.0470698	22.42
156.2	145.5308449	22.17	0.816	151.7	152.4689987	22.46
161.2	139.4882645	22.19	0.736	155.9	145.9460296	22.47
160.5	140.2401479	22.22	0.674	154.5	147.9694733	22.5
158	143.1699306	22.23	0.73	154.1	148.5743588	22.53
160.7	140.0223639	22.25	0.702	156.3	145.3938588	22.56
163.2	137.4955162	22.24	0.62	158.5	142.5524154	22.58
173.6	130.4120364	22.24	0.56	167.8	133.7233811	22.61
184.1	128.0208746	22.22	0.461	176.7	129.2425815	22.59
190	128.5866722	22.17	0.42	179.6	128.5050003	22.54
208.8	140.3499361	22.11	0.274	184.5	128.016195	22.48
255.6	152.1552339	22.05	0.157	206.3	137.780123	22.39
276.9	143.9815923	21.99	0.107	240.6	173.5332689	22.3
279.7	144.4374183	21.94	0.092	230.1	182.6427564	22.21
278.5	144.1995259	21.88	0.071	227.6	175.0397923	22.12
233.8	190.048269	21.82	0.105	187.7	128.2036041	22.02
176.5	129.3060009	21.75	0.221	168	133.5834127	21.92
159.1	141.8325805	21.67	0.486	152.7	150.7894808	21.85
151.7	152.4689987	21.59	0.658	149.3	156.8559046	21.86
153.9	148.8813884	21.57	0.709	151.7	152.4689987	21.92
150.7	154.2338617	21.6	0.685	149.5	156.470139	21.99
152.4	151.2846063	21.64	0.667	151.8	152.2972712	22.07
153.4	149.6625543	21.67	0.609	150.7	154.2338617	22.1
154.9	147.3766469	21.7	0.647	153	150.3016928	22.13
154.3	148.2703958	21.74	0.722	152.5	151.1187431	22.16
152.1	151.7871691	21.78	0.76	150.3	154.96461	22.18
153.6	149.347741	21.8	0.812	151.2	153.3405134	22.2
158.4	142.6746234	21.81	0.887	154.7	147.6715655	22.21
160.7	140.0223639	21.82	0.869	157.8	143.4215034	22.19
163	137.6847037	21.84	0.872	159.9	140.9079226	22.18
170	132.2876789	21.86	0.83	164.6	136.2317817	22.18

1.226	148.2	159.0470698	173.8522	Yes
1.305	151.3	153.1644801	170.5590251	Yes
1.188	148	159.4584123	168.9881242	Yes
1.131	145.2	165.6664139	173.8059605	Yes
1.118	143.2	170.6627261	175.6359547	Yes
1.077	144.4	167.6049563	173.736399	Yes
1.186	152.3	151.4512959	155.9074234	Yes
1.083	156.2	145.5308449	146.6834348	Yes
0.881	155.6	146.3676144	144.0086267	Yes
0.903	158.7	142.3099249	140.5847554	Yes
1.114	161.2	139.4882645	140.9954337	Yes
1.041	159.5	141.3652945	141.4776527	Yes
1.138	160.3	140.4603245	142.2949317	Yes
0.971	158	143.1699306	140.9501072	Yes
1.042	157.3	144.0620273	144.1386384	Yes
1.013	152.6	150.9537025	153.3154663	Yes
0.927	149.2	157.0502204	154.0989758	Yes
1.026	150.7	154.2338617	155.5777507	Yes
1.088	154.5	147.9694733	148.3710055	Yes
1.198	156.2	145.5308449	147.0201124	Yes
1.211	156.1	145.6685335	147.5029661	Yes
1.071	158.6	142.43085	141.8973071	Yes
1.036	162.7	137.9726212	138.0590856	Yes
0.978	163.2	137.4955162	138.2135763	Yes
1.048	163	137.6847037	139.864405	Yes
1.058	166.5	134.6805694	137.2563782	Yes
0.949	168.4	133.3092177	135.112529	Yes
0.843	174.2	130.1542428	132.1713747	Yes
0.74	180	128.4296876	135.7380999	Yes
0.62	182.3	128.1192135	137.2660211	Yes
0.468	185	128.0191197	140.797932	Yes
0.318	189.6	128.5050003	147.4186304	Yes
0.204	195.2	130.2384741	150.6967295	Yes
0.194	189.5	128.4855767	153.7507794	Yes
0.169	182.8	128.0791994	151.0882298	Yes
0.231	174	130.2384741	144.716282	Yes
0.37	165.8	135.2306555	132.4224677	Yes
0.672	155.5	146.5095784	140.264054	Yes
0.923	158.4	142.6746234	145.2797014	Yes
0.996	161.3	139.3832047	142.1170584	Yes
0.999	160	140.7951122	145.5250204	Yes
0.982	161	139.7001382	142.9917482	Yes
0.888	160.3	140.4603245	143.3670563	Yes
0.918	161.5	139.1748294	141.6656983	Yes
0.962	162.7	137.9726212	141.190095	Yes
1.054	160.7	140.0223639	144.6598275	Yes
1.169	162.4	138.2655439	142.7417334	Yes
1.171	163.1	137.5898354	139.1739016	Yes
1.191	164.5	136.3185854	137.2488014	Yes
1.199	166.2	134.9133063	135.2371106	Yes
1.083	170.7	131.8778474	132.2727494	Yes

9/13/2019	04:03	21.31	0.383
9/13/2019	04:04	21.35	0.419
9/13/2019	04:05	21.39	0.366
9/13/2019	04:06	21.41	0.341
9/13/2019	04:07	21.43	0.249
9/13/2019	04:08	21.43	0.252
9/13/2019	04:09	21.42	0.234
9/13/2019	04:10	21.39	0.219
9/13/2019	04:11	21.35	0.207
9/13/2019	04:12	21.28	0.206
9/13/2019	04:13	21.22	0.207
9/13/2019	04:14	21.14	0.24
9/13/2019	04:15	21.05	0.26
9/13/2019	04:16	20.97	0.193
9/13/2019	04:17	20.9	0.219
9/13/2019	04:18	20.84	0.13
9/13/2019	04:19	20.79	0.14
9/13/2019	04:20	20.74	0.144
9/13/2019	04:21	20.68	0.193
9/13/2019	04:22	20.63	0.288
9/13/2019	04:23	20.58	0.29
9/13/2019	04:24	20.54	0.271
9/13/2019	04:25	20.5	0.212
9/13/2019	04:26	20.48	0.178
9/13/2019	04:27	20.47	0.159
9/13/2019	04:28	20.48	0.159
9/13/2019	04:29	20.48	0.102
9/13/2019	04:30	20.46	0.1
9/13/2019	04:31	20.44	0.205
9/13/2019	04:32	20.39	0.24
9/13/2019	04:33	20.35	0.171
9/13/2019	04:34	20.31	0.179
9/13/2019	04:35	20.26	0.214
9/13/2019	04:36	20.22	0.225
9/13/2019	04:37	20.18	0.247
9/13/2019	04:38	20.16	0.311
9/13/2019	04:39	20.14	0.229
9/13/2019	04:40	20.12	0.259
9/13/2019	04:41	20.09	0.266
9/13/2019	04:42	20.06	0.29
9/13/2019	04:43	20.02	0.261
9/13/2019	04:44	20	0.248
9/13/2019	04:45	19.97	0.263
9/13/2019	04:46	19.94	0.347
9/13/2019	04:47	19.95	0.32
9/13/2019	04:48	19.94	0.294
9/13/2019	04:49	19.94	0.238
9/13/2019	04:50	19.95	0.268
9/13/2019	04:51	19.95	0.178
9/13/2019	04:52	19.95	0.242
9/13/2019	04:53	19.93	0.236

206	137.4955162	21.42	0.507
201.4	133.7233811	21.46	0.463
213.6	146.3676144	21.49	0.435
212.6	144.9870876	21.51	0.367
230.1	182.6427564	21.53	0.353
245.4	164.8092124	21.53	0.28
264.2	146.2685776	21.53	0.279
283.4	145.579304	21.51	0.241
302.2	162.3392225	21.47	0.233
317.8	187.0083138	21.41	0.234
316.3	192.4386028	21.36	0.247
325	166.1438025	21.27	0.266
335.3	146.7956779	21.17	0.267
331.9	152.1263931	21.07	0.216
358.9	128.6521114	20.99	0.244
352	131.1751217	20.92	0.139
359.9	128.4479207	20.86	0.143
353.2	130.5924354	20.8	0.163
334.6	147.8201441	20.74	0.197
337.8	143.4215034	20.69	0.313
337.9	143.2953883	20.63	0.304
333.3	149.8211447	20.59	0.295
348.3	133.3770516	20.55	0.239
352.6	130.8759536	20.53	0.207
336.4	145.2575724	20.53	0.18
332.5	151.1187431	20.53	0.162
297.5	156.1744239	20.54	0.127
263.8	146.4598058	20.53	0.112
206.6	138.0697036	20.51	0.226
187.9	128.2286266	20.48	0.273
171.5	131.436508	20.44	0.194
141.7	174.7556358	20.4	0.22
131.3	179.4337369	20.36	0.239
129.4	175.2003149	20.33	0.251
126.9	170.2024087	20.32	0.299
111.8	150.6007104	20.33	0.299
99.5	144.3933148	20.34	0.237
88.8	144.6058796	20.35	0.275
90.5	144.234728	20.32	0.303
99.8	144.4601404	20.27	0.33
104.6	146.0849588	20.21	0.297
111.8	150.6007104	20.18	0.332
120.5	159.929249	20.14	0.353
130.9	178.509184	20.1	0.421
121.9	161.8982783	20.11	0.374
120.5	159.929249	20.1	0.339
107.1	147.3585869	20.09	0.247
92.5	143.962286	20.11	0.244
74.07	153.6223567	20.12	0.195
62.27	170.2587886	20.11	0.222
57.02	181.5332901	20.09	0.275

179.9	128.4479207	21.65	0.697
179.7	128.4855767	21.68	0.489
185.8	128.0440822	21.7	0.447
183.3	128.0489586	21.7	0.486
202.7	134.6805694	21.72	0.389
217.2	151.9563603	21.71	0.369
232.4	190.5792409	21.71	0.326
255.6	152.1552339	21.69	0.323
276.5	143.9447385	21.65	0.354
287.7	147.7095994	21.62	0.376
291.5	150.3590693	21.57	0.34
303.8	164.8092124	21.47	0.387
315.9	192.5757179	21.36	0.379
319.7	180.726811	21.24	0.332
330	155.5222256	21.14	0.331
321.1	176.4826621	21.05	0.212
329.5	156.470139	20.98	0.23
326.7	162.2336611	20.94	0.262
315.9	192.5757179	20.89	0.343
318.5	184.6202228	20.86	0.408
318.4	184.9559525	20.81	0.442
316.7	190.9470722	20.77	0.411
323.7	169.3661605	20.75	0.375
322.4	172.8067032	20.75	0.314
315.5	192.5757179	20.76	0.275
312.4	192.5757179	20.78	0.252
289.2	148.6661534	20.77	0.184
251.7	156.1744239	20.78	0.168
181.6	128.1916822	20.74	0.229
170.4	132.0507649	20.71	0.293
155	147.2303008	20.69	0.232
130.4	177.3788901	20.66	0.279
124.1	165.2951784	20.64	0.276
116	154.5187706	20.63	0.257
111.7	150.5196185	20.63	0.333
97.9	144.1045518	20.65	0.263
78.3	149.8904009	20.66	0.232
65.72	164.2989379	20.69	0.311
64.2	166.7980522	20.72	0.367
72.18	155.6291468	20.69	0.441
77.1	150.8472717	20.62	0.434
85.5	145.6994008	20.59	0.451
94.1	143.8710782	20.54	0.438
111.2	150.1223115	20.47	0.481
100.3	144.580468	20.48	0.415
98.3	144.1660972	20.45	0.369
85.7	145.6188708	20.44	0.369
69.88	158.3791032	20.45	0.374
53.74	190.2203166	20.45	0.308
37.88	153.1293779	20.43	0.322
30.92	142.8221248	20.42	0.363

173.6	130.4120364	21.92	0.69	170.3	132.1093104	22.2
175.6	129.6117355	21.93	0.68	171.7	131.3306282	22.18
181.7	128.180153	21.93	0.642	176.1	129.4377621	22.18
182.1	128.1379589	21.93	0.556	176.3	129.3710598	22.18
195	130.1542428	21.94	0.521	188.5	128.3131374	22.17
211.6	143.6757156	21.94	0.475	200.3	132.977145	22.17
229.1	179.4825368	21.94	0.416	213	145.5308449	22.15
253.2	154.5187706	21.91	0.389	234.8	187.2558705	22.12
272.9	143.9289489	21.89	0.366	251.1	156.8769637	22.11
273.8	143.8796248	21.87	0.374	252	155.8318976	22.09
283.8	145.7403654	21.84	0.327	267.7	144.915171	22.07
297.2	155.8318976	21.77	0.454	287.3	147.4736091	22.01
315	192.5757179	21.66	0.477	306.4	169.2750169	21.92
316.9	190.2134023	21.53	0.406	312.7	192.5757179	21.83
323.6	169.6228634	21.41	0.443	311.7	192.5757179	21.78
316	192.5757179	21.33	0.333	305.9	168.3704292	21.77
320.8	177.3663815	21.28	0.342	305	166.7980522	21.77
317.5	188.0594614	21.3	0.361	299.8	158.9978987	21.79
310.1	176.7139881	21.3	0.444	301.5	161.3209223	21.79
313.4	192.5757179	21.27	0.539	304.4	165.7885774	21.8
313.8	192.5757179	21.21	0.551	305.8	168.1922038	21.77
310.1	176.7139881	21.17	0.536	303.6	164.489319	21.8
317.9	186.6616714	21.16	0.513	307.1	170.5798662	21.86
317.9	186.6616714	21.16	0.459	307.5	171.3461128	21.83
313.7	192.5757179	21.15	0.405	307.1	170.5798662	21.77
313.2	192.5757179	21.16	0.336	308.8	173.943875	21.75
298.6	157.480505	21.15	0.27	299.4	158.4811294	21.7
281.5	144.915171	21.16	0.284	290.2	149.3679312	21.7
185.5	128.031795	21.13	0.17	205.4	136.9410396	21.63
178.3	128.7937914	21.07	0.252	191.4	128.9229071	21.55
168.4	133.3092177	21.02	0.219	180.4	128.3607156	21.47
136.2	192.385621	20.98	0.203	146.9	161.7949854	21.39
131.4	179.6677453	20.95	0.204	124.4	165.7885774	21.32
120.9	160.4771641	20.92	0.204	112.3	151.0143979	21.26
116.9	155.4951241	20.91	0.276	109.4	148.802358	21.21
99.5	144.3933148	20.91	0.269	86	145.5015641	21.18
83.6	146.5582885	20.91	0.244	64.75	165.8715397	21.16
68.9	159.6596036	20.93	0.297	51.24	186.4545743	21.15
64.75	165.8715397	20.97	0.344	49.3	180.1014276	21.17
68.07	160.7974761	20.99	0.416	52.43	190.6893804	21.2
74.77	152.9340904	20.99	0.452	61.58	171.5789655	21.22
79.62	148.9267085	20.98	0.467	64.25	166.7127605	21.24
86.9	145.1746105	20.98	0.574	74.94	152.7713035	21.27
102.5	145.2440439	20.91	0.648	93.5	143.8921176	21.26
94.4	143.8664765	20.94	0.646	86.9	145.1746105	21.29
93.1	143.914916	20.95	0.657	86.5	145.3153153	21.35
84.8	145.9959883	20.97	0.525	81.2	147.8918251	21.41
76.8	151.0987909	21	0.469	74.95	152.7617804	21.48
60.85	173.0256859	20.98	0.399	61.4	171.9308504	21.53
49.01	179.2061323	20.96	0.4	53.6	190.6237893	21.6
38.62	154.4515716	20.96	0.413	45.28	168.8059453	21.67

0.998	175.3	129.7210908	131.6371749	Yes
0.856	175	129.8341932	130.597103	Yes
0.757	179.7	128.4855767	132.1030377	Yes
0.779	180.3	128.3773651	131.784486	Yes
0.63	190.6	128.7211479	140.9023708	Yes
0.64	199.4	132.4088779	145.1654623	Yes
0.495	214.4	147.5237341	161.8769869	Yes
0.478	230.5	183.9540825	164.6926523	Yes
0.445	248.3	160.4771641	153.5134075	Yes
0.469	248.7	159.929249	158.8717369	Yes
0.478	259.6	148.9406289	156.4787675	Yes
0.499	281.4	144.8847909	155.8286625	Yes
0.526	301.5	161.3209223	172.5086106	Yes
0.539	308.2	172.724134	177.6732917	Yes
0.518	300.4	159.7940691	161.2333975	Yes
0.454	292.5	151.183739	163.957534	Yes
0.405	287.1	147.3585869	155.2882161	Yes
0.391	285	146.2685776	157.2304068	Yes
0.539	295.2	153.6927882	166.4247121	Yes
0.624	299.6	158.7381263	169.0288296	Yes
0.724	304.1	165.2951784	170.8628882	Yes
0.746	302.4	162.6370044	168.9217057	Yes
0.693	305.1	166.9692794	165.3908058	Yes
0.659	307.9	172.1277015	166.7636285	Yes
0.591	312.3	192.5757179	178.7129185	Yes
0.533	314	192.5757179	180.5579543	Yes
0.478	305.2	167.1413681	157.588716	Yes
0.433	292.6	151.2692438	149.6373151	Yes
0.201	253.1	154.6247674	137.1717976	Yes
0.206	224.9	167.8527808	137.1697742	Yes
0.184	211.5	143.5482783	136.7770041	Yes
0.141	184	128.0230196	166.8676304	Yes
0.133	144.1	168.3521774	171.7074831	Yes
0.118	120.7	160.201762	160.2824819	Yes
0.183	109.3	148.733998	154.7507015	Yes
0.198	84.1	146.3156694	146.1831621	Yes
0.219	51.54	187.4967436	158.8420575	Yes
0.265	42.98	163.3044128	163.6646816	Yes
0.26	49.27	180.0081821	167.4027859	Yes
0.311	45.7	169.8808638	164.2914015	Yes
0.36	51.05	185.8031286	161.449683	Yes
0.357	59.8	175.2003149	157.427979	Yes
0.406	68.52	160.1743811	152.3841244	Yes
0.533	88.1	144.796372	152.5128058	Yes
0.491	94.1	143.8710782	147.8781823	Yes
0.497	95.2	143.8734887	147.4398132	Yes
0.464	95.5	143.8833505	146.1497243	Yes
0.435	92	144.0138522	150.0431625	Yes
0.446	84.2	146.2685776	167.0135575	Yes
0.391	86.7	145.2440439	167.6924264	Yes
0.35	85.9	145.540202	158.6306268	Yes

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9/13/2019	04:55	19.9	0.222
9/13/2019	04:56	19.88	0.171
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9/13/2019	04:58	19.83	0.263
9/13/2019	04:59	19.81	0.345
9/13/2019	05:00	19.8	0.307
9/13/2019	05:01	19.8	0.294
9/13/2019	05:02	19.81	0.306
9/13/2019	05:03	19.82	0.227
9/13/2019	05:04	19.82	0.161
9/13/2019	05:05	19.82	0.195
9/13/2019	05:06	19.82	0.202
9/13/2019	05:07	19.85	0.253
9/13/2019	05:08	19.89	0.227
9/13/2019	05:09	19.92	0.275
9/13/2019	05:10	19.93	0.221
9/13/2019	05:11	19.93	0.216
9/13/2019	05:12	19.96	0.297
9/13/2019	05:13	19.97	0.32
9/13/2019	05:14	19.97	0.297
9/13/2019	05:15	19.96	0.323
9/13/2019	05:16	19.94	0.325
9/13/2019	05:17	19.92	0.333
9/13/2019	05:18	19.89	0.235
9/13/2019	05:19	19.86	0.289
9/13/2019	05:20	19.84	0.357
9/13/2019	05:21	19.84	0.341
9/13/2019	05:22	19.83	0.29
9/13/2019	05:23	19.83	0.29
9/13/2019	05:24	19.83	0.214
9/13/2019	05:25	19.83	0.229
9/13/2019	05:26	19.82	0.05
9/13/2019	05:27	19.81	0.075
9/13/2019	05:28	19.79	0.083
9/13/2019	05:29	19.77	0.129
9/13/2019	05:30	19.75	0.116
9/13/2019	05:31	19.74	0.134
9/13/2019	05:32	19.72	0.112
9/13/2019	05:33	19.71	0.152
9/13/2019	05:34	19.7	0.233
9/13/2019	05:35	19.68	0.204
9/13/2019	05:36	19.67	0.177
9/13/2019	05:37	19.65	0.192
9/13/2019	05:38	19.64	0.149
9/13/2019	05:39	19.64	0.146
9/13/2019	05:40	19.66	0.133
9/13/2019	05:41	19.65	0.082
9/13/2019	05:42	19.64	0.059
9/13/2019	05:43	19.65	0.082
9/13/2019	05:44	19.68	0.106

52.93	192.551787	20.07	0.31
39.92	156.8946911	20.04	0.282
25.16	136.7246872	20	0.246
35.33	148.927709	19.96	0.327
26.49	137.9629436	19.93	0.307
17	131.0736496	19.89	0.415
14.51	129.9550194	19.87	0.356
11.26	128.8857391	19.86	0.336
5.495	128.0316199	19.86	0.324
4.245	128.0184573	19.86	0.276
22.23	134.3249449	19.86	0.175
33.77	146.6093831	19.85	0.213
69.76	158.5323077	19.86	0.169
84.6	146.0849588	19.9	0.183
79.08	149.3098692	19.96	0.199
88.8	144.6058796	20.02	0.214
75.64	152.1187037	20.08	0.21
67.5	161.6081001	20.09	0.207
83	146.8652868	20.15	0.255
80.3	148.4657012	20.18	0.309
88.1	144.796372	20.2	0.312
90.8	144.18259	20.18	0.375
91.2	144.1192747	20.15	0.404
85.8	145.579304	20.11	0.41
107.4	147.531862	20.05	0.33
103.3	145.540202	20	0.351
96.3	143.9289489	19.99	0.41
118.3	157.1163888	20	0.385
124	165.1323684	20.01	0.378
130.7	178.0537144	20.03	0.362
130	176.4945334	20.01	0.29
127.2	170.7700049	20.02	0.271
156.3	145.3938588	20.01	0.086
82.9	146.9181461	19.99	0.079
359.5	128.5248214	19.98	0.08
339.2	141.7148217	19.95	0.122
346.1	134.9918873	19.92	0.13
352.5	130.9247236	19.9	0.151
350.5	131.9926732	19.87	0.136
357.2	129.0911795	19.86	0.173
357.8	128.9229071	19.84	0.27
18.34	131.7872857	19.82	0.24
10.83	128.7765181	19.81	0.21
21.9	134.0817512	19.79	0.214
35.25	148.804342	19.77	0.167
80.3	148.4657012	19.76	0.127
89.2	144.5069269	19.8	0.104
108.3	148.0785655	19.83	0.078
55.31	185.8846977	19.83	0.065
112.6	151.2692438	19.85	0.078
139.8	180.4133026	19.9	0.108

30.4	142.1896378	20.4	0.41
21.32	133.6671631	20.36	0.404
10.32	128.6566018	20.31	0.331
10.52	128.7023859	20.27	0.436
2.326	128.1168916	20.22	0.437
351.7	131.3306282	20.19	0.454
347.2	134.1548834	20.19	0.465
344.3	136.4937737	20.18	0.451
338.4	142.6746234	20.18	0.407
338.7	142.3099249	20.18	0.39
347.3	134.0817512	20.19	0.278
359.3	128.565657	20.21	0.277
25.39	136.9319633	20.21	0.224
44.95	167.9771602	20.24	0.211
39.62	156.316896	20.29	0.249
49.96	182.1902875	20.33	0.251
47.26	174.0795665	20.38	0.276
42.82	162.944657	20.4	0.288
50.28	183.2294272	20.44	0.316
49.65	181.2001593	20.47	0.373
57.4	180.615438	20.49	0.393
61.68	171.3848255	20.48	0.481
62.72	169.4218539	20.48	0.536
58.91	177.1339485	20.48	0.553
70.5	157.6032138	20.4	0.5
74.7	153.0016129	20.32	0.521
69.83	158.442818	20.39	0.537
87.7	144.915171	20.45	0.519
92.3	143.9815923	20.55	0.445
103.8	145.7403654	20.56	0.379
103.2	145.5015641	20.52	0.323
98	144.1192747	20.54	0.313
117.4	156.0596058	20.47	0.187
69.31	159.115707	20.45	0.132
340.4	140.3499361	20.43	0.06
321.5	175.3254093	20.38	0.095
327	161.577273	20.34	0.092
331.6	152.6415793	20.3	0.133
320.9	177.070287	20.27	0.147
333.6	149.347741	20.25	0.178
330.1	155.335435	20.24	0.351
346.1	134.9918873	20.25	0.251
344.8	136.0597477	20.27	0.262
350.5	131.9926732	20.29	0.221
359.7	128.4855767	20.3	0.199
32.42	144.7460165	20.31	0.131
42	161.1450705	20.32	0.097
58.21	178.715618	20.32	0.057
25.45	136.986502	20.32	0.072
71.12	156.8531664	20.32	0.052
129	174.3585583	20.33	0.098

36.75	151.2015716	20.94	0.464	41.85	160.823716	21.71
28.44	139.9574928	20.86	0.5	26.32	137.7992731	21.65
17.52	131.3411365	20.75	0.458	14.42	129.9195258	21.45
16.68	130.9149348	20.65	0.546	7.547	128.1855228	21.35
4.672	128.0161011	20.57	0.574	357.8	128.9229071	21.28
352.9	130.7322487	20.54	0.611	346.7	134.5279034	21.27
344.5	136.3185854	20.56	0.546	342.2	138.4636301	21.29
339.4	141.481181	20.57	0.542	336.2	145.5308449	21.37
333.1	150.1407104	20.56	0.552	328.3	158.8429179	21.47
333.3	149.8211447	20.59	0.469	327	161.577273	21.58
337.3	144.0620273	20.6	0.391	328.2	159.0470698	21.65
352	131.1751217	20.68	0.378	340.1	140.6829105	21.7
10.14	128.6167634	20.81	0.315	350.7	131.8778474	21.73
29	140.5713153	20.86	0.257	5.267	128.0246749	21.73
19.69	132.5878845	20.96	0.256	6.084	128.0589515	21.73
33.94	146.8532468	21.04	0.248	9.89	128.5635774	21.74
39.02	155.1866653	21.09	0.313	9.88	128.5615018	21.75
38.45	154.1435297	21.06	0.334	10.53	128.7047171	21.74
39.77	156.6047239	21.03	0.349	15.65	130.4342115	21.74
42.58	162.4103531	21.02	0.392	19.88	132.7072726	21.75
51.66	187.9183281	21	0.431	33.85	146.7238806	21.74
58.61	177.8051172	20.97	0.475	41.14	159.3345824	21.7
61.15	172.4248111	20.98	0.544	45.35	168.983523	21.74
57.87	179.503818	21.06	0.525	44.95	167.9771602	21.79
67.27	161.9420652	21	0.643	55.4	185.6463296	21.82
70.23	157.9378919	20.94	0.56	55.48	185.4353433	21.84
63.15	168.6394413	21.07	0.436	56.08	183.8794603	21.88
76.68	151.2007954	21.19	0.446	65.07	165.3441822	21.91
80.2	148.5320061	21.29	0.425	79.4	149.0809751	21.92
93.8	143.8796248	21.35	0.469	85.1	145.8660653	21.93
91.5	144.0764313	21.36	0.46	84.5	146.1301527	21.93
90.6	144.2169051	21.37	0.456	87.6	144.9460055	21.94
104.7	146.1301527	21.28	0.308	93.8	143.8796248	21.92
85.6	145.6589028	21.2	0.224	107.8	147.7698413	21.88
51.17	186.2137989	21.15	0.117	109.2	148.6661534	21.8
340.1	140.6829105	21.09	0.052	38.83	154.8356843	21.73
350.6	131.9350344	21.03	0.045	33.45	146.1560171	21.66
348	133.5834127	20.98	0.05	344.2	136.5821614	21.62
334.6	147.8201441	20.92	0.057	329.3	156.8559046	21.57
336.9	144.586539	20.86	0.082	333.2	149.9805289	21.52
327.1	161.3606366	20.8	0.275	326.1	163.5761126	21.47
347.3	134.0817512	20.77	0.145	332.8	150.6260744	21.44
339.4	141.481181	20.76	0.187	331.6	152.6415793	21.41
340.2	140.5713153	20.76	0.196	325.5	164.9592071	21.38
343.6	137.1236975	20.78	0.143	313.3	192.5757179	21.36
357.3	129.0621204	20.79	0.066	314.8	192.5757179	21.38
10.02	128.5909231	20.79	0.052	242.1	170.5798662	21.42
6.866	128.1161825	20.8	0.076	215.2	148.7274886	21.45
349.4	132.6567999	20.8	0.055	249.1	159.3928048	21.46
36.65	151.0361202	20.81	0.078	225	168.1018522	21.46
130.6	177.8276612	20.82	0.134	166.9	134.3772185	21.48

0.391	77.8	150.2796092	159.4092643	Yes
0.514	48.67	178.1735263	149.2984293	Yes
0.599	31.02	142.9457552	133.9175413	Yes
0.606	30.58	142.4066138	135.8274333	Yes
0.608	20.78	133.2957079	131.2629103	Yes
0.538	8.92	128.3807425	131.2090345	Yes
0.463	359.8	128.4665503	133.4717337	Yes
0.497	351.5	131.436508	136.7656093	Yes
0.482	346.1	134.9918873	142.9363518	Yes
0.447	340.9	139.8069561	144.3067512	Yes
0.311	338.8	142.1896378	142.7410862	Yes
0.214	344.1	136.6710803	136.7408305	Yes
0.133	359.3	128.565657	136.9049077	Yes
0.085	58.05	179.0848861	152.3485991	Yes
0.093	70.85	157.1766587	144.690052	Yes
0.087	81.3	147.8305829	150.0087148	Yes
0.136	50.93	185.3950771	159.0683029	Yes
0.166	34.63	147.8648639	151.0531736	Yes
0.161	49.75	181.5177974	159.7302894	Yes
0.208	52.07	189.3794619	162.8325896	Yes
0.267	47.99	176.1620406	167.2432119	Yes
0.297	63.35	168.2812053	164.1976641	Yes
0.297	67.05	162.2652559	163.4429437	Yes
0.33	72.68	155.0767161	165.0541894	Yes
0.356	71.27	156.6755243	161.879799	Yes
0.374	80.9	148.0785655	157.9987231	Yes
0.378	87.1	145.1070106	159.9995358	Yes
0.362	91.5	144.0764313	152.5305938	Yes
0.358	102.8	145.3516416	150.4157167	Yes
0.401	106.8	147.1897488	152.1459038	Yes
0.405	107.1	147.3585869	151.9122537	Yes
0.39	108.7	148.3346233	150.4773627	Yes
0.367	118	156.7582401	149.6442964	Yes
0.306	136.8	190.5792409	158.0083676	Yes
0.223	138.9	183.2949574	157.4099334	Yes
0.159	137.3	188.7697038	160.2657059	Yes
0.184	159.4	141.481181	143.2282786	Yes
0.173	174	130.2384741	136.7940702	Yes
0.147	198.7	131.9926732	149.1463364	Yes
0.115	201	133.4453614	141.2902699	Yes
0.086	274.9	143.8675721	150.6125327	Yes
0.125	241.7	171.3461128	144.5666223	Yes
0.117	270	144.3305061	140.6579064	Yes
0.108	278.2	144.1500472	143.1509988	Yes
0.134	257.6	150.439072	151.4856812	Yes
0.125	222.5	162.2336611	155.4166434	Yes
0.199	213.6	146.3676144	150.2380802	Yes
0.172	218.6	154.4151969	151.6106103	Yes
0.174	221.7	160.5047386	155.0851086	Yes
0.187	208.5	140.0223639	153.4565493	Yes
0.236	187	128.1283904	159.0210262	Yes

9/13/2019	05:45	19.75	0.17
9/13/2019	05:46	19.82	0.175
9/13/2019	05:47	19.9	0.202
9/13/2019	05:48	19.95	0.156
9/13/2019	05:49	20	0.186
9/13/2019	05:50	20.03	0.207
9/13/2019	05:51	20.02	0.178
9/13/2019	05:52	19.99	0.241
9/13/2019	05:53	19.95	0.232
9/13/2019	05:54	19.91	0.263
9/13/2019	05:55	19.87	0.294
9/13/2019	05:56	19.85	0.308
9/13/2019	05:57	19.87	0.383
9/13/2019	05:58	19.89	0.387
9/13/2019	05:59	19.89	0.376
9/13/2019	06:00	19.88	0.328
9/13/2019	06:01	19.87	0.385
9/13/2019	06:02	19.86	0.432
9/13/2019	06:03	19.85	0.383
9/13/2019	06:04	19.84	0.261
9/13/2019	06:05	19.86	0.313
9/13/2019	06:06	19.91	0.402
9/13/2019	06:07	19.94	0.396
9/13/2019	06:08	19.98	0.447
9/13/2019	06:09	20.02	0.329
9/13/2019	06:10	20.05	0.429
9/13/2019	06:11	20.09	0.397
9/13/2019	06:12	20.12	0.28
9/13/2019	06:13	20.15	0.232
9/13/2019	06:14	20.18	0.264
9/13/2019	06:15	20.21	0.167
9/13/2019	06:16	20.23	0.187
9/13/2019	06:17	20.25	0.163
9/13/2019	06:18	20.26	0.153
9/13/2019	06:19	20.27	0.175
9/13/2019	06:20	20.31	0.228
9/13/2019	06:21	20.32	0.231
9/13/2019	06:22	20.33	0.171
9/13/2019	06:23	20.34	0.217
9/13/2019	06:24	20.34	0.117
9/13/2019	06:25	20.33	0.071
9/13/2019	06:26	20.34	0.234
9/13/2019	06:27	20.37	0.182
9/13/2019	06:28	20.35	0.043
9/13/2019	06:29	20.34	0.046
9/13/2019	06:30	20.37	0.212
9/13/2019	06:31	20.48	0.289
9/13/2019	06:32	20.53	0.337
9/13/2019	06:33	20.5	0.29
9/13/2019	06:34	20.48	0.285
9/13/2019	06:35	20.46	0.342

148.3	158.8429179	19.98	0.167
136.5	191.6887683	20.07	0.2
140.8	177.3663815	20.17	0.231
130.8	178.2808867	20.24	0.167
121.5	161.3209223	20.3	0.182
88.5	144.6848135	20.36	0.164
37.23	152.0072816	20.38	0.203
46.24	171.2968116	20.34	0.323
41.6	160.2933984	20.29	0.318
44.34	166.4808246	20.22	0.35
41	159.0470698	20.16	0.362
68.91	159.6461962	20.11	0.343
76.58	151.2864116	20.12	0.392
95.3	143.8763375	20.14	0.425
96.2	143.9217129	20.11	0.406
94.1	143.8710782	20.08	0.38
90.9	144.1660972	20.05	0.432
93.1	143.914916	20.02	0.488
91	144.1500472	20.01	0.449
102.2	145.1405816	19.99	0.318
101.7	144.9772949	20.01	0.297
92.7	143.9447385	20.07	0.433
92.8	143.936624	20.12	0.422
90.2	144.2908609	20.16	0.454
104.7	146.1301527	20.2	0.33
100.9	144.7396894	20.23	0.419
103.7	145.6994008	20.29	0.388
86.2	145.4256783	20.34	0.263
88.2	144.7678047	20.37	0.226
94.8	143.8664765	20.41	0.255
116.5	155.0549457	20.47	0.189
119.8	158.9978987	20.5	0.223
115.8	154.3086209	20.53	0.172
104.9	146.2219614	20.54	0.154
125.4	167.4881453	20.55	0.215
121.6	161.4641376	20.58	0.249
127.9	172.1277015	20.6	0.26
148.5	158.4376272	20.61	0.203
169.9	132.3480491	20.61	0.282
178.8	128.6747234	20.61	0.158
183.2	128.0542255	20.6	0.122
159	141.9509679	20.62	0.258
134.1	186.4450707	20.65	0.195
358	128.870052	20.64	0.062
89.5	144.4374183	20.63	0.063
97.8	144.0902707	20.67	0.224
93.1	143.914916	20.77	0.277
87	145.1405816	20.83	0.341
78.83	149.4924312	20.82	0.279
71.08	156.9007874	20.81	0.251
71.67	156.2089951	20.78	0.307

141.6	175.0397923	20.41	0.167
122.5	162.7870502	20.47	0.235
128.7	173.7380647	20.55	0.266
129.6	175.6274687	20.63	0.235
110.5	149.5886665	20.69	0.223
79.63	148.9197562	20.73	0.155
23.39	135.2226232	20.74	0.193
25.18	136.7425989	20.71	0.326
22.21	134.3100539	20.7	0.401
21.32	133.6671631	20.65	0.468
14.17	129.8227139	20.65	0.476
37.43	152.3487001	20.61	0.482
47.57	174.9543924	20.59	0.514
63.39	168.2099863	20.59	0.568
67.44	161.6948374	20.51	0.564
68.32	160.4494933	20.45	0.563
64.68	165.9880392	20.41	0.611
66.4	163.2418433	20.38	0.661
66.79	162.6519743	20.36	0.645
65.55	164.5689879	20.31	0.51
79.09	149.3026351	20.32	0.434
68.51	160.188068	20.4	0.599
66.41	163.2265704	20.43	0.616
71.15	156.8175197	20.49	0.654
80.6	148.2698482	20.52	0.478
83.6	146.5582885	20.54	0.478
84.7	146.0402375	20.61	0.411
66.14	163.641696	20.66	0.337
69.9	158.3536654	20.69	0.25
77.16	150.797564	20.72	0.286
98.6	144.2169051	20.77	0.237
104.4	145.9959883	20.79	0.249
104.5	146.0402375	20.82	0.233
105.9	146.709616	20.82	0.227
113.8	152.3392627	20.84	0.307
105.4	146.4598058	20.88	0.346
114.2	152.7142528	20.9	0.349
131.3	179.4337369	20.93	0.304
149.8	155.8985853	20.96	0.309
155.3	146.7956779	20.95	0.195
157.2	144.1921397	20.95	0.205
141.3	175.9010607	20.98	0.337
121	160.6159553	21.03	0.275
141	176.7757169	21.03	0.164
110.2	149.3679312	21.04	0.13
82.4	147.1897488	21.06	0.241
72.23	155.573193	21.12	0.29
62.96	168.9830921	21.14	0.392
52.7	191.6887683	21.15	0.358
46.25	171.3233994	21.15	0.328
46.43	171.8042922	21.14	0.371

148	159.4584123	20.89	0.218	162.8	137.8760949	21.51
137.5	188.0594614	20.98	0.286	148.8	157.837148	21.55
132.7	182.8176355	21.05	0.355	148.8	157.837148	21.58
135.9	191.4980279	21.13	0.309	145.2	165.6664139	21.6
129.7	175.8426324	21.18	0.253	141.3	175.9010607	21.61
105.9	146.709616	21.19	0.191	134.1	186.4450707	21.59
53.6	190.6237893	21.18	0.111	83.9	146.4112828	21.56
35.47	149.1447945	21.15	0.218	41.98	161.1020852	21.52
28.18	139.6788453	21.13	0.37	28.16	139.6575758	21.48
23.42	135.2467354	21.13	0.447	15.7	130.4564935	21.44
16.2	130.6852129	21.15	0.495	5.301	128.0255819	21.42
31.91	144.0750082	21.13	0.565	15.56	130.3943733	21.4
42	161.1450705	21.12	0.57	27.12	138.5835658	21.39
56.53	182.7426348	21.17	0.648	42.33	161.8605098	21.43
63.08	168.7656708	21.13	0.694	54.18	188.970613	21.49
65.22	165.0999052	21.07	0.699	57.6	180.1392477	21.55
65.69	164.3464243	21.05	0.727	62.93	169.0376509	21.6
68.62	160.0379089	21.12	0.749	64.73	165.9047833	21.66
66.49	163.1046691	21.1	0.834	63	168.9104738	21.69
66.7	162.7870502	20.94	0.667	64.52	166.2558721	21.66
78.86	149.4703499	20.88	0.534	79.02	149.3533842	21.56
71.05	156.9365723	20.93	0.701	68.07	160.7974761	21.59
71.15	156.8175197	20.98	0.718	72.62	155.1421774	21.63
76.95	150.9724092	21.05	0.766	78.77	149.5367365	21.65
82.5	147.1344513	21.07	0.667	82.4	147.1897488	21.62
88.2	144.7678047	21.05	0.692	92	144.0138522	21.56
92.5	143.962286	21.08	0.591	96.4	143.936624	21.57
82.3	147.2455367	21.11	0.42	88.4	144.7120259	21.55
84.5	146.1301527	21.11	0.323	93.4	143.897159	21.52
89.5	144.4374183	21.11	0.343	98.3	144.1660972	21.49
107.5	147.5906108	21.13	0.327	115.5	153.9979779	21.49
108.8	148.3999072	21.14	0.345	119.2	158.226888	21.49
113.8	152.3392627	21.15	0.307	119.3	158.3536654	21.49
117.8	156.5227599	21.16	0.325	126.8	170.0150814	21.49
120.5	159.929249	21.18	0.399	124.4	165.7885774	21.51
114.1	152.6196347	21.22	0.464	120.5	159.929249	21.58
117.4	156.0596058	21.27	0.517	125.7	168.0148666	21.69
130.7	178.0537144	21.33	0.45	137.2	189.1277069	21.78
141.7	174.7556358	21.37	0.519	145.8	164.2624968	21.82
149.9	155.7099409	21.37	0.372	147	161.577273	21.8
154.3	148.2703958	21.36	0.335	154	148.7274886	21.8
137.8	187.0083138	21.4	0.482	140.8	177.3663815	21.87
117.7	156.4059988	21.48	0.496	127.4	171.1531239	21.98
138	186.3168781	21.51	0.295	131	178.7386118	22
124.5	165.9547117	21.51	0.21	122.2	162.3392225	21.95
90.6	144.2169051	21.51	0.307	96.2	143.9217129	21.92
85.2	145.823697	21.53	0.333	88.8	144.6058796	21.91
73.03	154.6993322	21.52	0.429	78.72	149.5738029	21.89
66.42	163.2113054	21.51	0.387	74.96	152.7522632	21.87
60.98	172.7642118	21.5	0.35	71.62	156.266743	21.85
60.23	174.2960943	21.48	0.375	63.76	167.5579187	21.82

0.304	176.6	129.2740865	152.0982608	Yes
0.308	166	135.0709716	167.0886799	Yes
0.413	167.9	133.6531567	165.0824773	Yes
0.357	169.4	132.6567999	168.7459194	Yes
0.357	168.2	133.4453614	159.2197286	Yes
0.29	168	133.5834127	152.0685338	Yes
0.192	167.8	133.7233811	151.5976716	Yes
0.118	99.4	144.3719327	152.5316446	Yes
0.262	46.39	171.6970475	149.1273842	Yes
0.324	27.88	139.3622627	141.0426958	Yes
0.391	15.62	130.4208936	135.6002944	Yes
0.509	33.85	146.7238806	146.6376317	Yes
0.457	40.78	158.5992632	156.9137407	Yes
0.525	56.95	181.7042603	167.6787458	Yes
0.572	63.82	167.453311	166.161229	Yes
0.622	66.91	162.4728443	162.4065137	Yes
0.665	76.47	151.3812345	158.9838892	Yes
0.704	77.75	150.3192715	156.6837446	Yes
0.864	75.1	152.6196347	158.2873598	Yes
0.761	81	148.0158154	157.3536614	Yes
0.554	97.9	144.1045518	147.4416432	Yes
0.695	85.3	145.7817973	153.5297304	Yes
0.683	94.7	143.8658191	152.5977421	Yes
0.703	100.9	144.7396894	149.2714431	Yes
0.682	109.4	148.802358	147.5053118	Yes
0.714	115.1	153.5922617	146.7343793	Yes
0.658	117.6	156.2898875	147.1856872	Yes
0.478	117.9	156.6401729	151.5330219	Yes
0.385	126	168.5495467	152.3396657	Yes
0.441	125.6	167.8384137	150.2211939	Yes
0.425	135.4	190.048269	158.1817417	Yes
0.422	133.7	185.382728	159.400682	Yes
0.381	138.7	183.9540825	158.9991738	Yes
0.43	139.5	181.3587702	160.1656378	Yes
0.525	136.4	192.0626612	167.5215791	Yes
0.594	138.9	183.2949574	160.7535569	Yes
0.628	139.9	180.1014276	165.8035709	Yes
0.638	147.1	161.3606366	173.2826844	Yes
0.559	154.8	147.5237341	154.9577002	Yes
0.559	154.6	147.8201441	148.1155518	Yes
0.507	160.5	140.2401479	141.8968795	Yes
0.584	144.7	166.8688935	169.8191235	Yes
0.643	136.4	192.0626612	173.336562	Yes
0.379	132.2	181.5820782	170.4566674	Yes
0.299	131.1	178.969176	160.2136919	Yes
0.391	116.9	155.4951241	146.9827523	Yes
0.432	113.7	152.2469608	148.4329293	Yes
0.442	107.8	147.7698413	153.23333	Yes
0.396	103.2	145.5015641	160.5292665	Yes
0.385	95.9	143.9026392	160.2315562	Yes
0.41	96.2	143.9217129	162.7578026	Yes

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9/13/2019	06:37	20.43	0.203
9/13/2019	06:38	20.42	0.223
9/13/2019	06:39	20.4	0.122
9/13/2019	06:40	20.4	0.187
9/13/2019	06:41	20.42	0.145
9/13/2019	06:42	20.42	0.178
9/13/2019	06:43	20.48	0.213
9/13/2019	06:44	20.46	0.179
9/13/2019	06:45	20.45	0.157
9/13/2019	06:46	20.44	0.107
9/13/2019	06:47	20.42	0.168
9/13/2019	06:48	20.44	0.235
9/13/2019	06:49	20.5	0.233
9/13/2019	06:50	20.52	0.189
9/13/2019	06:51	20.55	0.265
9/13/2019	06:52	20.61	0.275
9/13/2019	06:53	20.65	0.323
9/13/2019	06:54	20.71	0.342
9/13/2019	06:55	20.79	0.392
9/13/2019	06:56	20.87	0.363
9/13/2019	06:57	20.97	0.427
9/13/2019	06:58	21.07	0.352
9/13/2019	06:59	21.16	0.288
9/13/2019	07:00	21.24	0.27
9/13/2019	07:01	21.32	0.223
9/13/2019	07:02	21.4	0.221
9/13/2019	07:03	21.5	0.22
9/13/2019	07:04	21.59	0.204
9/13/2019	07:05	21.68	0.144
9/13/2019	07:06	21.77	0.22
9/13/2019	07:07	21.83	0.293
9/13/2019	07:08	21.83	0.74
9/13/2019	07:09	21.83	1.53
9/13/2019	07:10	21.79	1.474
9/13/2019	07:11	21.76	0.743
9/13/2019	07:12	21.85	0.537
9/13/2019	07:13	21.96	0.289
9/13/2019	07:14	22.07	0.311
9/13/2019	07:15	22.12	0.742
9/13/2019	07:16	22.17	0.867
9/13/2019	07:17	22.29	0.563
9/13/2019	07:18	22.45	0.34
9/13/2019	07:19	22.59	0.457
9/13/2019	07:20	22.69	0.921
9/13/2019	07:21	22.77	0.746
9/13/2019	07:22	22.85	0.378
9/13/2019	07:23	22.97	0.467
9/13/2019	07:24	23.07	0.513
9/13/2019	07:25	23.11	0.744
9/13/2019	07:26	23.13	0.808

63.31	168.3525666	20.79	0.233
58.75	177.4906677	20.76	0.209
65.36	164.8735817	20.74	0.219
115.5	153.9979779	20.72	0.102
84.5	146.1301527	20.73	0.211
50.68	184.5532904	20.77	0.157
79.44	149.0527394	20.78	0.177
123.2	163.8592137	20.83	0.234
281.2	144.8253918	20.83	0.143
226.6	172.2625195	20.8	0.133
140.8	177.3663815	20.79	0.128
226.6	172.2625195	20.76	0.163
189.5	128.4855767	20.76	0.288
178.9	128.6521114	20.84	0.301
225.5	169.3661605	20.85	0.2
204.6	136.2317817	20.88	0.33
212.9	145.3938588	20.94	0.318
209.7	141.3652945	20.95	0.363
179.8	128.4665503	21	0.446
190.6	128.7211479	21.06	0.456
175.7	129.5761138	21.12	0.461
187.3	128.1582717	21.2	0.516
181.5	128.2036041	21.28	0.412
187.9	128.2286266	21.35	0.359
192.1	129.120645	21.42	0.312
199.4	132.4088779	21.49	0.276
219.9	156.8559046	21.57	0.283
204.4	136.0597477	21.66	0.295
216.5	150.7894808	21.75	0.246
222.3	161.7949854	21.83	0.178
269.9	144.3509966	21.93	0.214
315.6	192.5757179	21.99	0.313
320.3	178.8700569	21.98	0.802
330.4	154.7805667	21.92	1.565
330.1	155.335435	21.83	1.669
328.3	158.8429179	21.78	0.804
197.9	131.5441627	21.85	0.64
216.9	151.4512959	21.98	0.373
293.5	152.0640803	22.11	0.317
335.6	146.3676144	22.18	0.844
339.8	141.0213439	22.21	0.826
329.5	156.470139	22.32	0.695
293.1	151.7051686	22.49	0.377
334	148.7274886	22.64	0.516
327.3	160.9305691	22.74	0.944
323.9	168.856618	22.81	0.879
316.7	190.9470722	22.9	0.434
293.4	151.9734986	23.02	0.521
278.3	144.1660972	23.13	0.541
317.8	187.0083138	23.18	0.83
335.1	147.0846926	23.18	0.858

38.18	153.6595768	21.16	0.318
32.53	144.8930724	21.12	0.249
41.98	161.1020852	21.11	0.259
83.2	146.7610226	21.08	0.145
66.96	162.3985334	21.1	0.232
36.54	150.8550714	21.12	0.213
58.01	179.1776602	21.13	0.227
102.1	145.1070106	21.18	0.259
244.6	166.1216858	21.15	0.168
193.4	129.5409061	21.12	0.127
137.4	188.4136263	21.11	0.202
195.8	130.5013785	21.08	0.178
162.2	138.4636301	21.1	0.338
155.3	146.7956779	21.18	0.344
189.7	128.5248214	21.19	0.248
176.1	129.4377621	21.2	0.387
176.8	129.2114853	21.25	0.364
176.9	129.1807975	21.22	0.442
156.5	145.1219829	21.25	0.556
165.4	135.5561236	21.28	0.57
156.7	144.8528837	21.31	0.604
161.6	139.0715101	21.37	0.64
159.4	141.481181	21.43	0.514
165.9	135.1505606	21.46	0.42
168.9	132.977145	21.49	0.379
172.4	130.9739291	21.55	0.32
191.4	128.9229071	21.6	0.313
182	128.1479193	21.67	0.317
190.6	128.7211479	21.74	0.269
198	131.5986579	21.8	0.185
241.6	171.5400605	21.88	0.253
289.5	148.8712346	21.94	0.406
303.4	164.1726616	21.94	0.946
309.8	176.0588609	21.89	1.78
308.5	173.3294827	21.78	1.788
307	170.3906689	21.72	0.849
172.3	131.0235708	21.8	0.731
179.4	128.5450401	21.92	0.455
267.6	144.9460055	22.02	0.321
310.3	177.156161	22.08	0.939
314.5	192.5757179	22.13	0.991
302	162.0444998	22.25	0.941
269.3	144.4833098	22.42	0.453
305.5	167.6628412	22.55	0.541
304.8	166.4581678	22.65	1.039
296.4	154.9464686	22.72	0.862
285.2	146.3632375	22.79	0.534
269.6	144.4151432	22.89	0.618
258.2	149.967168	22.99	0.62
294.6	153.0985737	23.04	1
306.8	170.0150814	23.04	0.958

50.05	182.4807775	21.48	0.377	47.87	175.8143354	21.8
46.91	173.1083734	21.44	0.288	55.43	185.5671111	21.77
48.93	178.9615234	21.43	0.304	65.04	165.3932605	21.77
72.57	155.1969007	21.41	0.238	76.18	151.6344754	21.77
84.1	146.3156694	21.44	0.267	86.1	145.4633897	21.78
55.6	185.120437	21.46	0.242	64.56	166.1887114	21.8
67.76	161.2353507	21.48	0.295	77.61	150.4310472	21.83
106.7	147.1344513	21.52	0.309	107.6	147.6498563	21.88
181.2	128.2417275	21.49	0.17	175	129.8341932	21.85
177.3	129.0621204	21.48	0.216	170.9	131.7648252	21.88
127	170.3906689	21.47	0.262	136.9	190.2134023	21.9
174.8	129.9116845	21.45	0.244	154.1	148.5743588	21.89
150.4	154.7805667	21.48	0.447	148.6	158.2364782	21.93
149.9	155.7099409	21.59	0.518	148	159.4584123	22.05
171.9	131.2265166	21.61	0.409	159.9	140.9079226	22.05
168.2	133.4453614	21.59	0.552	164.7	136.145503	22.06
171.8	131.2783518	21.64	0.553	163.2	137.4955162	22.09
168.3	133.3770516	21.59	0.552	161.1	139.5939084	22.03
152.6	150.9537025	21.59	0.72	150.9	153.8738695	22.09
158.9	142.0699862	21.61	0.77	155.4	146.6522652	22.13
152	151.9563603	21.63	0.741	149.2	157.0502204	22.18
157.9	143.2953883	21.67	0.816	155.5	146.5095784	22.17
153.1	150.1407104	21.69	0.685	150.2	155.1495646	22.16
159	141.9509679	21.69	0.61	153	150.3016928	22.13
162.8	137.8760949	21.69	0.518	159.3	141.5976893	22.08
166.9	134.3772185	21.72	0.468	159.6	141.2500277	22.1
176.9	129.1807975	21.74	0.368	172.1	131.1241663	22.08
175.5	129.6477719	21.79	0.442	170.8	131.8211113	22.1
186.6	128.0940314	21.84	0.402	179.7	128.4855767	22.14
196.8	130.9739291	21.88	0.302	186.8	128.1104281	22.18
237.3	180.8553063	21.94	0.288	218	153.3405134	22.23
277.9	144.1045518	22	0.368	261.8	147.531862	22.29
297.6	156.2898875	22.02	1.178	288.4	148.1418203	22.32
307.5	171.3461128	21.97	2.224	300.8	160.3391006	22.21
308.9	174.1507045	21.82	2.208	301.7	161.6081001	21.95
303.1	163.7036852	21.74	1.216	298.2	156.9963458	21.84
169.4	132.6567999	21.81	0.764	170.8	131.8211113	21.93
172.5	130.9247236	21.93	0.541	167.7	133.7940871	22.06
267	145.1405816	22.03	0.362	250.3	157.8506504	22.17
308.8	173.943875	22.08	1.258	300.1	159.3928048	22.24
311.8	192.5757179	22.12	1.261	306.5	169.4586546	22.26
311.3	179.4337369	22.25	1	297.1	155.7190033	22.39
269.5	144.4374183	22.42	0.538	269	144.5555056	22.57
309.1	174.5674412	22.54	0.658	296.1	154.6247674	22.7
307.7	171.7349716	22.64	1.293	297.2	155.8318976	22.78
299.1	158.1007946	22.7	1.099	288.3	148.0785655	22.83
287.1	147.3585869	22.77	0.618	278.5	144.1995259	22.89
264.3	146.2219614	22.85	0.643	262.1	147.3585869	22.99
254.6	153.0985737	22.95	0.636	252.4	155.3841351	23.1
296.3	154.8386144	23	1.089	286	146.7610226	23.15
310.4	177.3788901	22.99	1.129	297.9	156.6401729	23.12

0.366	82.8	146.9714914	165.4557495	Yes
0.281	93.3	143.9026392	164.9923728	Yes
0.304	93.2	143.9085582	162.8478018	Yes
0.282	107.6	147.6498563	151.0480466	Yes
0.298	103.1	145.4633897	149.154227	Yes
0.264	90.4	144.2529947	166.194101	Yes
0.339	106.4	146.9714914	157.3736578	Yes
0.337	122.9	163.3950032	153.429107	Yes
0.216	139.6	181.0419634	150.0129923	Yes
0.286	145.2	165.6664139	145.659357	Yes
0.368	137.4	188.4136263	182.9595411	Yes
0.345	148.9	157.6389568	147.7777796	Yes
0.58	152.8	150.6260744	146.1184652	Yes
0.634	157.2	144.1921397	146.9616564	Yes
0.595	162.3	138.3643054	141.6779453	Yes
0.621	169	132.9121422	133.6345101	Yes
0.613	164.9	135.9745142	135.8707453	Yes
0.733	165.2	135.7219305	135.8477965	Yes
0.935	161.1	139.5939084	143.6020027	Yes
1.024	163.8	136.9410396	137.9881125	Yes
1.055	159.2	141.7148217	145.03008	Yes
1.142	165.9	135.1505606	138.4370618	Yes
0.93	158.1	143.0451277	143.6040376	Yes
0.81	160.6	140.1309578	139.1525611	Yes
0.732	165.1	135.8056071	135.4754363	Yes
0.62	167	134.3026158	134.6625338	Yes
0.551	175.1	129.7960751	135.1759701	Yes
0.577	175.1	129.7960751	131.0945251	Yes
0.527	183.3	128.0489586	132.8278391	Yes
0.486	186.3	128.0723698	136.110074	Yes
0.435	210.3	142.0699862	158.4313726	Yes
0.465	251	156.9963458	158.0159424	Yes
1.279	289.3	148.733998	159.2416849	Yes
2.75	306.9	170.2024087	166.5454099	Yes
2.497	309.1	174.5674412	167.7982327	Yes
1.35	303.8	164.8092124	162.9485661	Yes
0.813	178.8	128.6747234	131.1440736	Yes
0.634	172.8	130.7797169	135.0989727	Yes
0.413	246.9	162.4877295	152.4978095	Yes
1.418	305.2	167.1413681	164.8003646	Yes
1.544	314.5	192.5757179	177.6414304	Yes
1.233	305.6	167.8384137	164.3011585	Yes
0.649	280.8	144.7120259	145.9786856	Yes
0.785	304.2	165.4588142	162.2082705	Yes
1.526	304.9	166.6276829	164.3166578	Yes
1.312	299	157.9753829	157.5915659	Yes
0.772	286.9	147.2455367	155.2227918	Yes
0.755	265.7	145.6188708	147.1176122	Yes
0.783	264.1	146.3156694	149.7863287	Yes
1.418	292.8	151.441929	158.6296907	Yes
1.445	306.7	169.8286827	164.1895039	Yes

9/13/2019	07:27	23.14	0.823
9/13/2019	07:28	23.21	0.255
9/13/2019	07:29	23.32	0.387
9/13/2019	07:30	23.33	0.505
9/13/2019	07:31	23.38	0.329
9/13/2019	07:32	23.51	0.345
9/13/2019	07:33	23.62	0.359
9/13/2019	07:34	23.65	0.427
9/13/2019	07:35	23.74	0.263
9/13/2019	07:36	23.86	0.309
9/13/2019	07:37	23.96	0.426
9/13/2019	07:38	24.05	0.403
9/13/2019	07:39	24.08	0.528
9/13/2019	07:40	24.14	0.523
9/13/2019	07:41	24.18	0.689
9/13/2019	07:42	24.2	0.68
9/13/2019	07:43	24.24	0.681
9/13/2019	07:44	24.28	0.429
9/13/2019	07:45	24.36	0.45
9/13/2019	07:46	24.47	0.338
9/13/2019	07:47	24.58	0.304
9/13/2019	07:48	24.72	0.295
9/13/2019	07:49	24.86	0.224
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9/13/2019	07:51	25.06	0.247
9/13/2019	07:52	25.04	0.297
9/13/2019	07:53	25.07	0.33
9/13/2019	07:54	25.13	0.307
9/13/2019	07:55	25.15	0.334
9/13/2019	07:56	25.26	0.256
9/13/2019	07:57	25.31	0.25
9/13/2019	07:58	25.41	0.224
9/13/2019	07:59	25.54	0.179
9/13/2019	08:00	25.64	0.373
9/13/2019	08:01	25.66	0.517
9/13/2019	08:02	25.63	0.466
9/13/2019	08:03	25.63	0.522
9/13/2019	08:04	25.6	0.538
9/13/2019	08:05	25.66	0.461
9/13/2019	08:06	25.73	0.674
9/13/2019	08:07	25.81	0.463
9/13/2019	08:08	25.85	0.505
9/13/2019	08:09	25.85	0.709
9/13/2019	08:10	25.81	0.8
9/13/2019	08:11	25.82	0.698
9/13/2019	08:12	25.84	0.687
9/13/2019	08:13	25.85	0.682
9/13/2019	08:14	25.92	0.669
9/13/2019	08:15	26.07	0.488
9/13/2019	08:16	26.17	0.624
9/13/2019	08:17	26.33	0.627

332.4	151.2846063	23.19	0.881
318.7	183.9540825	23.24	0.345
332	151.9563603	23.37	0.433
307.4	171.1531239	23.4	0.658
274.3	143.8675721	23.44	0.392
196.8	130.9739291	23.55	0.375
216.3	150.4634796	23.67	0.41
319.2	182.3192244	23.72	0.475
311.9	192.5757179	23.8	0.319
233.5	190.9137326	23.92	0.341
247.3	161.8982783	24	0.499
261.3	147.8305829	24.07	0.461
257.2	150.7645356	24.1	0.617
251.4	156.5227599	24.13	0.611
248	160.8957315	24.16	0.709
241.5	171.7349716	24.17	0.757
251.2	156.7582401	24.19	0.783
250.6	157.480505	24.24	0.637
261.6	147.6498563	24.31	0.464
288.8	148.3999072	24.45	0.393
265.9	145.540202	24.57	0.365
271.6	144.0630334	24.74	0.352
277.3	144.0254863	24.88	0.295
301.8	161.7528127	24.99	0.304
308.7	173.7380647	25.14	0.285
307.2	170.7700049	25.15	0.434
315.2	192.5757179	25.17	0.432
288.3	148.0785655	25.23	0.385
289.4	148.802358	25.25	0.436
271	144.1500472	25.34	0.311
283.2	145.5015641	25.4	0.269
288.9	148.4657012	25.53	0.274
286.5	147.0253234	25.66	0.208
311.6	180.1392477	25.77	0.443
287.8	147.7698413	25.8	0.604
297.3	155.945431	25.77	0.513
314.1	192.5757179	25.76	0.655
318.8	183.6236488	25.72	0.573
308.7	173.7380647	25.76	0.485
292.4	151.0987909	25.81	0.695
310.1	176.7139881	25.87	0.541
287.6	147.6498563	25.91	0.64
307.7	171.7349716	25.93	0.798
323.2	170.6627261	25.9	0.776
297.1	155.7190033	25.89	0.808
312.2	192.5757179	25.89	0.757
295.8	154.3086209	25.89	0.765
323.7	169.3661605	25.94	0.685
303	163.5489495	26.1	0.524
286.5	147.0253234	26.22	0.597
274.1	143.8710782	26.36	0.565

309.6	175.6274687	23.03	0.808
300	159.2604663	23.07	0.461
306.1	168.7295603	23.16	0.471
282.7	145.3153153	23.18	0.829
252.8	154.9464686	23.22	0.422
180.5	128.3444613	23.31	0.553
193.8	129.6842235	23.4	0.501
297.6	156.2898875	23.45	0.6
293.6	152.1552339	23.51	0.391
209.6	141.2500277	23.62	0.49
224.1	165.9045121	23.68	0.676
236.6	182.5680669	23.75	0.539
231.5	187.3568179	23.78	0.769
225.7	169.8808638	23.81	0.706
229	179.1755005	23.85	0.827
221.3	159.6656133	23.86	0.91
228.2	176.7757169	23.89	0.956
228.7	178.2639076	23.94	0.875
241.2	172.3255294	24.01	0.542
254	153.6927882	24.14	0.559
244.3	166.6276829	24.26	0.523
252	155.8318976	24.41	0.559
260.1	148.5988232	24.54	0.462
278	144.1192747	24.63	0.419
279.8	144.4601404	24.76	0.499
281.7	144.9772949	24.75	0.643
287.5	147.5906108	24.76	0.606
265	145.9089029	24.8	0.571
256.8	151.0987909	24.82	0.611
250.1	158.1007946	24.93	0.43
262.8	146.9714914	24.98	0.436
266.8	145.2090977	25.11	0.377
272	144.0138522	25.24	0.321
283.6	145.6589028	25.31	0.56
259	149.3679312	25.33	0.715
278.7	144.234728	25.33	0.618
292	150.7645356	25.31	0.78
288.6	148.2698482	25.29	0.696
272.2	143.9919054	25.34	0.573
270.2	144.2908609	25.38	0.868
280.5	144.6317408	25.4	0.619
260.7	148.2055809	25.44	0.75
286	146.7610226	25.45	0.924
289	148.5320061	25.44	0.767
278.2	144.1500472	25.44	1.068
288.3	148.0785655	25.45	0.934
274.6	143.8656	25.44	0.938
296.5	155.0549457	25.5	0.638
273.6	143.8875148	25.62	0.66
263.7	146.5088075	25.73	0.675
256.6	151.2692438	25.88	0.57

318.2	185.6327901	22.97	1.078	306.5	169.4586546	23.07
308.8	173.943875	23	0.43	290.7	149.7384694	23.11
298.5	157.3584661	23.07	0.509	288.1	147.9535689	23.21
286.6	147.0796431	23.08	0.893	277.5	144.0500767	23.21
249.6	158.7381263	23.11	0.478	255.1	152.6196347	23.24
183.6	128.0355004	23.21	0.444	182.5	128.1020341	23.35
190.6	128.7211479	23.28	0.534	187.4	128.1690162	23.42
297.7	156.4059988	23.32	0.602	283.2	145.5015641	23.47
287.6	147.6498563	23.37	0.404	286.5	147.0253234	23.52
204.9	136.4937737	23.46	0.424	207.1	138.5635199	23.62
213.1	145.6685335	23.52	0.619	217.9	153.1644801	23.66
228.9	178.8700569	23.58	0.554	226.8	172.8067032	23.73
220	157.0502204	23.63	0.685	223.8	165.1937679	23.76
218.7	154.5974305	23.66	0.709	218.1	153.51742	23.79
221.1	159.2522329	23.7	0.834	222.3	161.7949854	23.82
211.7	143.8038178	23.73	0.867	211.9	144.0620273	23.83
218	153.3405134	23.77	0.905	219.7	156.470139	23.87
219.8	156.6625457	23.82	0.795	219.7	156.470139	23.92
235.5	185.382728	23.89	0.547	234.8	187.2558705	24.02
252	155.8318976	24	0.471	247.7	161.3209223	24.14
245.7	164.3305874	24.12	0.391	229.2	179.7911758	24.3
242	170.7700049	24.25	0.435	243.8	167.4881453	24.44
259	149.3679312	24.36	0.365	252	155.8318976	24.58
270.8	144.18259	24.43	0.367	270.4	144.2529947	24.64
282.8	145.3516416	24.53	0.366	274.4	143.8664765	24.72
279.4	144.3719327	24.51	0.499	273.5	143.8921176	24.72
287.7	147.7095994	24.51	0.562	279.4	144.3719327	24.72
263.9	146.4112828	24.55	0.458	258.7	149.5886665	24.77
261.6	147.6498563	24.57	0.508	252.5	155.273777	24.79
257.3	150.682349	24.68	0.355	248.8	159.7940691	24.94
260.1	148.5988232	24.74	0.337	250.7	157.3584661	25.01
266.1	145.4633897	24.86	0.305	256.5	151.3553066	25.16
268.8	144.6058796	24.98	0.26	261.6	147.6498563	25.29
280	144.5069269	25.04	0.491	275.5	143.8833505	25.34
255.3	152.4321413	25.05	0.699	248.8	159.7940691	25.32
275.8	143.897159	25.05	0.61	269.3	144.4833098	25.3
287.9	147.8305829	25.05	0.756	283.6	145.6589028	25.28
285.1	146.3156694	25.03	0.725	282.7	145.3153153	25.24
271	144.1500472	25.07	0.635	265	145.9089029	25.22
271.2	144.1192747	25.1	0.832	265.3	145.7817973	25.22
276.6	143.9532925	25.11	0.672	268.7	144.6317408	25.27
259.3	149.1519294	25.16	0.716	252.9	154.8386144	25.33
286.4	146.9714914	25.17	0.998	281.6	144.9460055	25.34
282.4	145.2090977	25.19	0.91	276.4	143.936624	25.36
275.5	143.8833505	25.2	1.075	270.1	144.310461	25.37
284.8	146.17582	25.2	1.04	278.6	144.2169051	25.34
275.1	143.8710782	25.18	0.988	270.8	144.18259	25.31
289	148.5320061	25.23	0.846	286.5	147.0253234	25.37
277.3	144.0254863	25.34	0.659	271.4	144.0902707	25.51
265.5	145.6994008	25.43	0.774	258.2	149.967168	25.61
263.1	146.8129126	25.56	0.726	256.9	151.0143979	25.76

1.062	315.5	192.5757179	174.9158475	Yes
0.547	310.7	178.0537144	168.9901215	Yes
0.604	292.5	151.183739	155.4363389	Yes
1.119	287.8	147.7698413	151.0736001	Yes
0.597	268.5	144.6848135	150.971323	Yes
0.472	197.6	131.3833467	129.3678543	Yes
0.538	191.6	128.9773778	133.203049	Yes
0.721	289.6	148.9406289	157.8914607	Yes
0.5	293.4	151.9734986	158.275926	Yes
0.499	217.2	151.9563603	151.8354829	Yes
0.722	222.9	163.1241775	157.9519963	Yes
0.576	236.3	183.3205043	173.0791828	Yes
0.771	226.7	172.5339195	166.5798523	Yes
0.715	225.7	169.8808638	160.8798676	Yes
0.877	229.3	180.1014276	168.2439756	Yes
1.008	215.3	148.8813884	153.6295637	Yes
0.986	222.6	162.4546358	161.1598491	Yes
0.824	222.6	162.4546358	162.2663466	Yes
0.585	244.4	166.4581678	171.8144304	Yes
0.567	250.8	157.2370948	155.296522	Yes
0.382	227.8	175.6124958	166.3804288	Yes
0.503	249.4	158.9978987	159.430196	Yes
0.426	257.8	150.2796092	149.6207495	Yes
0.468	282.3	145.1746105	147.8964565	Yes
0.478	285.6	146.5582885	150.7949223	Yes
0.565	276.2	143.9217129	149.5866126	Yes
0.583	285.9	146.709616	155.7914954	Yes
0.544	268.1	144.796372	146.9567579	Yes
0.549	261.6	147.6498563	150.0949277	Yes
0.396	258.2	149.967168	152.5388856	Yes
0.418	255.5	152.2469608	150.1354611	Yes
0.344	264.5	146.1301527	147.3247296	Yes
0.391	264.9	145.9522103	145.8494244	Yes
0.545	277.2	144.0138522	151.640456	Yes
0.739	256.2	151.6168585	152.1961683	Yes
0.703	274.8	143.8664765	146.4854209	Yes
0.874	283.2	145.5015641	156.4662607	Yes
0.883	285.6	146.5582885	154.016554	Yes
0.876	270.8	144.18259	150.394302	Yes
1.012	277.7	144.0764313	145.873431	Yes
0.746	270.7	144.1995259	150.8260576	Yes
0.777	263.6	146.5582885	149.2808539	Yes
1.127	286.2	146.8652868	151.4557556	Yes
0.991	280.7	144.6848135	150.6050535	Yes
1.294	275.2	143.8734887	146.3872701	Yes
1.274	282.9	145.3884291	155.2870875	Yes
1.256	280	144.5069269	146.1469632	Yes
0.888	289.6	148.9406289	153.7838129	Yes
0.783	281.1	144.796372	148.0697186	Yes
0.981	270.3	144.2717056	146.6944811	Yes
0.809	267.7	144.915171	147.5765607	Yes

9/13/2019	08:18	26.42	0.658
9/13/2019	08:19	26.43	0.903
9/13/2019	08:20	26.43	0.555
9/13/2019	08:21	26.54	0.544
9/13/2019	08:22	26.67	0.558
9/13/2019	08:23	26.8	0.58
9/13/2019	08:24	26.92	0.529
9/13/2019	08:25	27.06	0.573
9/13/2019	08:26	27.17	0.671
9/13/2019	08:27	27.23	0.868
9/13/2019	08:28	27.25	0.556
9/13/2019	08:29	27.32	0.779
9/13/2019	08:30	27.22	0.8
9/13/2019	08:31	27.24	0.807
9/13/2019	08:32	27.28	0.977
9/13/2019	08:33	27.33	0.926
9/13/2019	08:34	27.41	0.77
9/13/2019	08:35	27.48	0.88
9/13/2019	08:36	27.53	0.843
9/13/2019	08:37	27.59	0.531
9/13/2019	08:38	27.73	0.745
9/13/2019	08:39	27.74	0.797
9/13/2019	08:40	27.78	0.875
9/13/2019	08:41	27.81	1.031
9/13/2019	08:42	27.76	0.981
9/13/2019	08:43	27.75	0.98
9/13/2019	08:44	27.72	0.973
9/13/2019	08:45	27.66	1.063
9/13/2019	08:46	27.6	1.334
9/13/2019	08:47	27.61	0.898
9/13/2019	08:48	27.76	0.978
9/13/2019	08:49	27.81	1.156
9/13/2019	08:50	27.74	1.285
9/13/2019	08:51	27.81	0.787
9/13/2019	08:52	27.87	0.895
9/13/2019	08:53	27.88	0.905
9/13/2019	08:54	28.01	0.962
9/13/2019	08:55	28.02	1.154
9/13/2019	08:56	27.99	0.939
9/13/2019	08:57	28.1	0.891
9/13/2019	08:58	28.13	1.008
9/13/2019	08:59	28.12	1.178
9/13/2019	09:00	28.1	1.23
9/13/2019	09:01	28.1	1.424
9/13/2019	09:02	28.19	1.234
9/13/2019	09:03	28.22	1.458
9/13/2019	09:04	28.14	1.711
9/13/2019	09:05	28.15	1.549
9/13/2019	09:06	28.19	1.311
9/13/2019	09:07	28.26	1.308
9/13/2019	09:08	28.34	0.983

295.7	154.2044642	26.46	0.698
292.4	151.0987909	26.46	0.864
287.5	147.5906108	26.45	0.636
279.6	144.4151432	26.55	0.525
280.4	144.6058796	26.7	0.572
273.1	143.914916	26.83	0.63
264	146.3632375	26.95	0.484
279.7	144.4374183	27.1	0.581
276.8	143.9717192	27.22	0.64
278.9	144.2717056	27.28	0.769
289.3	148.733998	27.31	0.52
300.4	159.7940691	27.39	0.747
307.3	170.9610894	27.33	0.737
320.3	178.8700569	27.35	0.772
313	192.5757179	27.39	0.851
306.9	170.2024087	27.46	0.822
287.9	147.8305829	27.53	0.654
320.8	177.3663815	27.61	0.925
306.5	169.4586546	27.63	0.787
296.5	155.0549457	27.69	0.519
307.4	171.1531239	27.84	0.724
294	152.5255981	27.87	0.703
312.3	192.5757179	27.92	0.793
311.4	179.6677453	27.96	0.978
303.6	164.489319	27.9	1.041
308.3	172.92492	27.87	0.921
309.5	175.4133646	27.84	1.071
312	192.5757179	27.77	1.161
316.6	191.31691	27.69	1.313
301.7	161.6081001	27.69	0.929
310.9	178.509184	27.83	0.955
310.4	177.3788901	27.9	1.235
315.8	192.5757179	27.83	1.251
301.3	161.0367221	27.89	0.865
325.6	164.7258126	27.98	0.904
320.6	177.9631823	28.02	0.965
328.7	158.0363201	28.12	0.992
307.4	171.1531239	28.13	1.205
308.3	172.92492	28.08	1.059
318.5	184.6202228	28.19	0.924
305.1	166.9692794	28.23	1.053
313.5	192.5757179	28.21	1.257
307.7	171.7349716	28.18	1.25
324.4	167.6049563	28.15	1.321
326.9	161.7949854	28.23	1.189
325.8	164.2624968	28.27	1.389
337.8	143.4215034	28.18	1.837
336.3	145.3938588	28.16	1.534
330	155.5222256	28.18	1.398
323	171.1905949	28.24	1.384
306.2	168.9104738	28.34	0.96

275.2	143.8734887	25.97	0.81
257.7	150.3590693	25.97	1.008
265	145.9089029	25.99	0.8
262.3	147.2455367	26.11	0.583
259.5	149.010542	26.26	0.686
248.2	160.6159553	26.38	0.67
238.6	177.8276612	26.52	0.403
254	153.6927882	26.67	0.654
250.6	157.480505	26.78	0.84
250.9	157.1163888	26.83	0.902
266.8	145.2090977	26.86	0.684
272.8	143.936624	26.94	0.896
281.5	144.915171	26.88	0.882
299	157.9753829	26.91	0.877
291.9	150.682349	26.93	0.931
285.1	146.3156694	26.99	0.867
270	144.3305061	27.06	0.851
297.5	156.1744239	27.14	1.137
283.9	145.7817973	27.15	1.114
278	144.1192747	27.21	0.788
282.3	145.1746105	27.36	0.917
275.3	143.8763375	27.39	0.971
288.6	148.2698482	27.46	0.911
293	151.6168585	27.5	1.176
284.7	146.1301527	27.43	1.302
289	148.5320061	27.4	1.264
292.2	150.9305587	27.36	1.404
289.8	149.0809751	27.29	1.557
292.3	151.0143979	27.23	1.622
275.7	143.8921176	27.23	1.186
291.2	150.1223115	27.38	1.147
290.8	149.8141685	27.43	1.562
294.4	152.9052402	27.35	1.474
285.1	146.3156694	27.44	1.153
301.6	161.4641376	27.52	1.104
299.6	158.7381263	27.55	1.203
310.2	176.9345288	27.64	1.273
284.8	146.17582	27.63	1.607
288	147.8918251	27.6	1.521
294.3	152.8094541	27.73	1.32
282.1	145.1070106	27.77	1.493
292.5	151.183739	27.72	1.62
288.6	148.2698482	27.7	1.649
304.1	165.2951784	27.69	1.519
304.4	165.7885774	27.76	1.512
306.2	168.9104738	27.78	1.8
315.2	192.5757179	27.68	2.138
319.4	181.6772422	27.6	1.864
306.9	170.2024087	27.65	1.934
299.4	158.4811294	27.75	1.796
279.4	144.3719327	27.86	1.406

274.9	143.8675721	25.66	0.938	271.3	144.1045518	25.84
255	152.7142528	25.67	1.163	250.7	157.3584661	25.81
255.6	152.1552339	25.7	0.881	249.2	159.2604663	25.84
265.6	145.6589028	25.83	0.723	255.8	151.9734986	25.98
252.7	155.0549457	25.98	0.802	249.6	158.7381263	26.14
244.6	166.1216858	26.1	0.79	241.7	171.3461128	26.24
240.7	173.3294827	26.23	0.583	233.9	189.7626755	26.37
253.5	154.2044642	26.38	0.848	248.6	160.0651457	26.51
254.1	153.5922617	26.49	1.02	249.1	159.3928048	26.58
251.9	155.945431	26.53	1.156	250.6	157.480505	26.57
267.6	144.9460055	26.57	0.835	260.3	148.4657012	26.64
263.9	146.4112828	26.66	1.093	257	150.9305587	26.76
281.3	144.8548646	26.61	1.049	277.8	144.0902707	26.72
296.3	154.8386144	26.64	1.17	287.4	147.531862	26.76
285.4	146.4598058	26.67	1.251	278	144.1192747	26.76
286.1	146.8129126	26.72	1.084	277	143.9919054	26.79
270.4	144.2529947	26.77	1.041	264.1	146.3156694	26.82
294.8	153.294267	26.86	1.398	283	145.4256783	26.89
280.3	144.580468	26.86	1.302	275.3	143.8763375	26.89
281.5	144.915171	26.89	0.901	272.6	143.9532925	26.92
278.2	144.1500472	27.04	1.1	271.4	144.0902707	27.06
275.1	143.8710782	27.08	1.117	270.4	144.2529947	27.07
285.9	146.709616	27.15	1.115	277.3	144.0254863	27.11
289.3	148.733998	27.18	1.483	281.5	144.915171	27.12
285	146.2685776	27.11	1.539	279.7	144.4374183	27.05
286.2	146.8652868	27.09	1.471	279.6	144.4151432	27.03
291.1	150.0444711	27.07	1.616	284.3	145.9522103	27.02
290.3	149.4409821	27	1.825	283	145.4256783	26.94
289.3	148.733998	26.92	1.918	282.5	145.2440439	26.84
273.5	143.8921176	26.92	1.412	267.7	144.915171	26.86
288	147.8918251	27.08	1.351	279.5	144.3933148	27.03
290.6	149.6633025	27.14	1.806	283.5	145.6188708	27.05
288.6	148.2698482	27.04	1.803	282.1	145.1070106	26.93
280.1	144.530992	27.14	1.297	273.7	143.8833505	27.05
298.9	157.8506504	27.2	1.4	290	149.2234061	27.11
300	159.2604663	27.22	1.45	290.6	149.6633025	27.12
312.1	192.5757179	27.31	1.483	297.9	156.6401729	27.22
285.2	146.3632375	27.29	1.836	279.3	144.3509966	27.16
285.5	146.5088075	27.26	1.645	277	143.9919054	27.16
289.8	149.0809751	27.42	1.402	283.4	145.579304	27.34
283.3	145.540202	27.44	1.65	277.2	144.0138522	27.33
291.6	150.439072	27.39	1.836	285.8	146.658692	27.25
291.1	150.0444711	27.37	1.739	283.4	145.579304	27.26
303	163.5489495	27.38	1.854	293.7	152.2469608	27.24
300.7	160.201762	27.43	1.762	289.9	149.1519294	27.29
306.8	170.0150814	27.44	2.073	296.1	154.6247674	27.27
316	192.5757179	27.36	2.33	305.1	166.9692794	27.18
320.1	179.4825368	27.28	2.051	307.7	171.7349716	27.09
303.1	163.7036852	27.31	2.048	293.9	152.4321413	27.16
298.3	157.1163888	27.41	2.075	291.5	150.3590693	27.23
278.4	144.18259	27.51	1.502	274.9	143.8675721	27.33

1.154	274.8	143.8664765	145.9833107	Yes
1.334	258.1	150.0444711	152.31501	Yes
1.063	253.1	154.6247674	151.9079962	Yes
0.844	268.1	144.796372	146.8178907	Yes
0.957	255.6	152.1552339	151.9129455	Yes
0.905	244.1	166.9692794	161.7935898	Yes
0.639	243.1	168.7295603	171.2025234	Yes
1.024	254.5	153.1961245	153.1191882	Yes
1.335	253.4	154.3086209	153.7491823	Yes
1.313	263	146.8652868	152.3358634	Yes
1.009	267.4	145.0090396	146.4727684	Yes
1.298	256.8	151.0987909	150.4342651	Yes
1.089	289.9	149.1519294	150.794665	Yes
1.294	294.6	153.0985737	158.462898	Yes
1.342	285.1	146.3156694	156.0305634	Yes
1.218	286.4	146.9714914	150.8588775	Yes
1.299	272.9	143.9289489	145.3317404	Yes
1.527	288.2	148.0158154	156.0553132	Yes
1.568	282.6	145.2794496	149.7953414	Yes
1.174	281.9	145.0412401	146.6167848	Yes
1.357	281.2	144.8253918	149.8786888	Yes
1.421	278	144.1192747	145.7290566	Yes
1.318	279.9	144.4833098	155.2127956	Yes
1.774	288.7	148.3346233	154.6536792	Yes
1.802	287.8	147.7698413	149.8190618	Yes
1.725	286.4	146.9714914	151.9417695	Yes
1.86	292.6	151.2692438	154.7219697	Yes
2.151	293.3	151.8834871	157.6813681	Yes
2.228	288.1	147.9535689	156.8525837	Yes
1.731	275.9	143.9026392	147.6420291	Yes
1.621	288.8	148.3999072	153.8633085	Yes
2.258	290.5	149.5886665	154.4127797	Yes
2.084	288.8	148.3999072	157.4515448	Yes
1.657	282.9	145.3884291	148.2310326	Yes
1.597	300.3	159.6596036	158.584722	Yes
1.649	300.7	160.201762	161.1653679	Yes
1.756	306	168.5495467	170.5472573	Yes
2.266	288.7	148.3346233	151.2755602	Yes
1.892	284.1	145.8660653	151.4367046	Yes
1.792	292.5	151.183739	156.654739	Yes
2.117	285.1	146.3156694	149.5892027	Yes
2.124	297	155.6067462	159.2927934	Yes
2.018	294.5	153.0016129	153.7260416	Yes
2.261	305.9	168.3704292	163.4132948	Yes
2.113	298.5	157.3584661	158.8591441	Yes
2.323	305.9	168.3704292	165.2366497	Yes
2.761	315.7	192.5757179	177.6235873	Yes
2.337	318	186.3168781	172.9210975	Yes
2.379	305.9	168.3704292	162.046178	Yes
2.43	300.4	159.7940691	159.3882503	Yes
1.916	284.3	145.9522103	149.4569558	Yes

9/13/2019	09:09	28.49	0.854
9/13/2019	09:10	28.55	1.117
9/13/2019	09:11	28.44	0.929
9/13/2019	09:12	28.5	0.628
9/13/2019	09:13	28.65	1.282
9/13/2019	09:14	28.72	1.12
9/13/2019	09:15	28.73	1.223
9/13/2019	09:16	28.84	0.969
9/13/2019	09:17	28.89	1.213
9/13/2019	09:18	28.88	1.088
9/13/2019	09:19	28.84	1.227
9/13/2019	09:20	28.83	1.084
9/13/2019	09:21	29.05	0.868
9/13/2019	09:22	29.2	0.852
9/13/2019	09:23	29.33	0.903
9/13/2019	09:24	29.29	1.372
9/13/2019	09:25	29.25	1.037
9/13/2019	09:26	29.24	1.573
9/13/2019	09:27	29.16	1.486
9/13/2019	09:28	29.1	1.447
9/13/2019	09:29	29.08	1.232
9/13/2019	09:30	29.25	1.032
9/13/2019	09:31	29.39	0.974
9/13/2019	09:32	29.44	1.04
9/13/2019	09:33	29.53	1.417
9/13/2019	09:34	29.64	1.289
9/13/2019	09:35	29.55	1.344
9/13/2019	09:36	29.58	1.196
9/13/2019	09:37	29.65	1.115
9/13/2019	09:38	29.76	1.103
9/13/2019	09:39	29.74	1.026
9/13/2019	09:40	29.7	0.903
9/13/2019	09:41	29.88	0.787
9/13/2019	09:42	30.01	1.082
9/13/2019	09:43	30.04	0.718
9/13/2019	09:44	30.32	0.827
9/13/2019	09:45	30.25	1.307
9/13/2019	09:46	30.19	1.098
9/13/2019	09:47	30.23	0.951
9/13/2019	09:48	30.29	0.718
9/13/2019	09:49	30.41	1.288
9/13/2019	09:50	30.35	1.469
9/13/2019	09:51	30.24	1.081
9/13/2019	09:52	30.39	0.887
9/13/2019	09:53	30.55	0.947
9/13/2019	09:54	30.54	1.018
9/13/2019	09:55	30.54	0.929
9/13/2019	09:56	30.56	1.18
9/13/2019	09:57	30.42	0.927
9/13/2019	09:58	30.27	0.874
9/13/2019	09:59	30.19	0.997

310.1	176.7139881	28.49	1.002
315.2	192.5757179	28.59	1.113
312.9	192.5757179	28.51	0.957
310.4	177.3788901	28.57	0.738
313.3	192.5757179	28.72	1.35
313.2	192.5757179	28.77	1.303
331.2	153.3405134	28.76	1.034
313.6	192.5757179	28.87	1.017
328.9	157.6389568	28.91	1.273
318.2	185.6327901	28.93	1.131
319.7	180.726811	28.89	1.306
323.2	170.6627261	28.86	1.089
329.9	155.7099409	29.06	0.995
323.3	170.4007875	29.23	0.839
309.8	176.0588609	29.38	1.148
321.3	175.9010607	29.32	1.381
328.2	159.0470698	29.27	1.192
331.6	152.6415793	29.26	1.506
325.8	164.2624968	29.16	1.478
329.5	156.470139	29.09	1.587
338.6	142.43085	29.07	1.355
354.7	129.9510588	29.25	1.084
320.4	178.5661959	29.42	1.145
319	182.967997	29.48	1.132
327.6	160.2933984	29.55	1.404
323.5	169.8808638	29.64	1.408
323.4	170.1401693	29.52	1.485
301.8	161.7528127	29.54	1.24
308.8	173.943875	29.61	1.207
326.9	161.7949854	29.71	1.11
317.1	189.4876488	29.72	1.213
325.3	165.4295013	29.69	0.97
317.4	188.4136263	29.87	0.951
325.2	165.6664139	30.01	1.098
316.5	191.6887683	30.03	0.752
313.3	192.5757179	30.33	0.992
320.8	177.3663815	30.28	1.407
318.7	183.9540825	30.18	1.222
298.7	157.6032138	30.21	1.08
328.9	157.6389568	30.26	0.916
337.1	144.3229273	30.4	1.275
330.4	154.7805667	30.36	1.285
329.5	156.470139	30.26	1.233
323.4	170.1401693	30.38	1.07
334.7	147.6715655	30.57	1.056
316.9	190.2134023	30.59	1.126
328.7	158.0363201	30.58	1.024
358.2	128.8188092	30.58	1.19
303.2	163.8592137	30.44	1.055
350.7	131.8778474	30.25	0.83
332.4	151.2846063	30.2	1.219

292.7	151.3553066	28.02	1.411
297.3	155.945431	28.08	1.523
291.9	150.682349	27.99	1.315
293.6	152.1552339	28.07	1.164
295.1	153.5922617	28.19	1.848
296.5	155.0549457	28.22	1.776
309.8	176.0588609	28.24	1.298
290.5	149.5886665	28.33	1.444
305.1	166.9692794	28.37	1.772
298.1	156.8769637	28.41	1.458
299.7	158.8676643	28.34	1.686
298.8	157.7265948	28.32	1.504
304.2	165.4588142	28.55	1.24
301.9	161.8982783	28.69	1.244
296.5	155.0549457	28.86	1.427
296.6	155.1640479	28.78	1.724
304.6	166.1216858	28.73	1.547
310.9	178.509184	28.71	2.075
304.9	166.6276829	28.6	1.741
302.1	162.1914802	28.54	1.99
314.6	192.5757179	28.54	1.853
327.6	160.2933984	28.66	1.26
304.3	165.6232794	28.84	1.539
294.8	153.294267	28.92	1.585
303.6	164.489319	29	1.62
299.3	158.3536654	29.06	1.706
295.1	153.5922617	28.95	1.955
281	144.7678047	29.03	1.718
285.6	146.5582885	29.08	1.622
295.6	154.1009172	29.16	1.374
296.3	154.8386144	29.13	1.671
297.6	156.2898875	29.08	1.386
298.9	157.8506504	29.31	1.169
301.5	161.3209223	29.38	1.456
291.2	150.1223115	29.43	0.923
286.3	146.9181461	29.74	1.383
292.4	151.0987909	29.64	1.848
290.5	149.5886665	29.58	1.454
280.5	144.6317408	29.61	1.383
299.9	159.1288318	29.64	1.066
313.3	192.5757179	29.75	1.308
305.2	167.1413681	29.63	1.486
300.3	159.6596036	29.59	1.543
299.1	158.1007946	29.75	1.127
309.8	176.0588609	29.86	1.267
298.4	157.2370948	29.81	1.41
304.2	165.4588142	29.84	1.211
331.9	152.1263931	29.81	1.364
284.5	146.0402375	29.65	1.388
319.3	181.9973899	29.58	1.234
309.8	176.0588609	29.52	1.322

292	150.7645356	27.69	1.466	284.8	146.17582	27.52
295.7	154.2044642	27.74	1.582	288.9	148.4657012	27.56
293.3	151.8834871	27.62	1.502	286.3	146.9181461	27.43
291.9	150.682349	27.68	1.191	284.2	145.9089029	27.53
296.1	154.6247674	27.8	2.047	288.9	148.4657012	27.65
297.5	156.1744239	27.83	1.914	288.6	148.2698482	27.67
308.6	173.5332689	27.88	1.487	299.4	158.4811294	27.68
290.8	149.8141685	27.95	1.576	282.6	145.2794496	27.74
305.5	167.6628412	28	1.82	297.5	156.1744239	27.81
296.9	155.4951241	28.03	1.716	288.4	148.1418203	27.83
299.5	158.6092822	27.96	1.857	291.4	150.2796092	27.79
298.8	157.7265948	27.93	1.617	287	147.3018158	27.77
307.3	170.9610894	28.16	1.386	296.3	154.8386144	28.01
301.4	161.1784514	28.29	1.217	294.3	152.8094541	28.15
293.2	151.7940443	28.48	1.591	285.1	146.3156694	28.32
295.9	154.4133891	28.38	2.055	286.8	147.1897488	28.18
302.3	162.4877295	28.34	1.637	294.1	152.6196347	28.16
310.4	177.3788901	28.32	2.042	301.7	161.6081001	28.08
305.4	167.4881453	28.21	2.135	295	153.4923338	27.97
303.1	163.7036852	28.15	2.123	292.9	151.5291125	27.93
318.8	183.6236488	28.16	2.006	307.2	170.7700049	27.95
321.2	176.1911131	28.27	1.456	317.1	189.4876488	28.05
305.7	168.0148666	28.48	1.638	296.8	155.3841351	28.28
292.3	151.0143979	28.56	1.711	284.4	145.9959883	28.37
300.8	160.3391006	28.62	1.975	289.8	149.0809751	28.46
298.7	157.6032138	28.66	1.976	287.9	147.8305829	28.46
296.1	154.6247674	28.56	2.111	286.6	147.0796431	28.39
282.4	145.2090977	28.64	1.85	276.4	143.936624	28.46
286.1	146.8129126	28.7	1.758	279.8	144.4601404	28.47
294.6	153.0985737	28.75	1.529	285.8	146.658692	28.53
298.2	156.9963458	28.69	1.902	289.4	148.802358	28.43
297.3	155.945431	28.6	1.492	290.2	149.3679312	28.35
291	149.967168	28.86	1.18	287.5	147.5906108	28.68
306.7	169.8286827	28.93	1.524	296.9	155.4951241	28.7
287.3	147.4736091	28.97	0.921	285.4	146.4598058	28.76
286.9	147.2455367	29.24	1.301	281.4	144.8847909	29.05
292	150.7645356	29.17	2.099	283.9	145.7817973	28.89
288	147.8918251	29.12	1.657	279.9	144.4833098	28.87
279.5	144.3933148	29.12	1.499	272.6	143.9532925	28.86
296.6	155.1640479	29.16	1.174	288.4	148.1418203	28.94
311.1	178.969176	29.27	1.744	302.4	162.6370044	29
304.8	166.4581678	29.14	1.835	294.4	152.9052402	28.89
299.8	158.9978987	29.09	1.751	290.8	149.8141685	28.88
296.9	155.4951241	29.29	1.306	294.1	152.6196347	29.12
309.7	175.8426324	29.4	1.441	301	160.6159553	29.18
301.8	161.7528127	29.35	1.505	293.1	151.7051686	29.15
303.3	164.0155381	29.34	1.354	295.2	153.6927882	29.13
328.5	158.4376272	29.3	1.647	321	176.7757169	29.06
285.2	146.3632375	29.19	1.458	279.2	144.3305061	29.02
317.1	189.4876488	29.17	1.175	308.9	174.1507045	29.04
310.9	178.509184	29.12	1.53	304.1	165.2951784	28.96

1.773	293.1	151.7051686	155.3429638	Yes
1.94	300.6	160.0651457	162.251292	Yes
1.775	296.3	154.8386144	159.3796629	Yes
1.421	293.7	152.2469608	155.6744673	Yes
2.339	297.6	156.2898875	161.1096671	Yes
2.278	299.5	158.6092822	162.1368436	Yes
1.715	309.7	175.8426324	167.451281	Yes
2.018	294.6	153.0985737	158.0713152	Yes
2.154	306.9	170.2024087	163.729582	Yes
1.891	296.7	155.273777	160.284095	Yes
2.064	299.2	158.226888	161.342051	Yes
1.936	294.2	152.7142528	157.2263969	Yes
1.571	305.1	166.9692794	162.7875476	Yes
1.488	303.9	164.9703808	162.2514704	Yes
1.901	291.9	150.682349	155.9811739	Yes
2.225	297	155.6067462	157.6549985	Yes
1.994	302.1	162.1914802	160.49352	Yes
2.657	311.4	179.6677453	169.9610997	Yes
2.313	305.6	167.8384137	163.9418145	Yes
2.509	304.4	165.7885774	159.9365989	Yes
2.29	319.4	181.6772422	174.2154928	Yes
1.612	325.4	165.1937679	164.2233974	Yes
1.864	306.1	168.7295603	167.2636074	Yes
1.969	290.3	149.4409821	156.5427264	Yes
2.141	295.7	154.2044642	157.6814515	Yes
2.185	295	153.4923338	157.4321319	Yes
2.402	294.5	153.0016129	155.6876909	Yes
2.265	284	145.823697	148.2980072	Yes
2.107	289.2	148.6661534	152.088274	Yes
1.844	296.8	155.3841351	154.2074607	Yes
2.19	302.2	162.3392225	162.4928379	Yes
1.785	300.2	159.5258496	157.3117201	Yes
1.517	296.5	155.0549457	159.7754002	Yes
1.845	309.7	175.8426324	165.6307551	Yes
1.141	295.1	153.5922617	157.8673513	Yes
1.67	289.9	149.1519294	156.1552242	Yes
2.46	292.2	150.9305587	155.1884128	Yes
2.024	287.1	147.3585869	154.6552941	Yes
1.872	279.6	144.4151432	146.999341	Yes
1.257	289.8	149.0809751	153.8309264	Yes
1.811	309.5	175.4133646	170.783638	Yes
1.937	301.7	161.6081001	160.5786886	Yes
1.896	299	157.9753829	156.5834385	Yes
1.374	301.4	161.1784514	159.5068348	Yes
1.685	311.9	192.5757179	170.5529464	Yes
1.711	306	168.5495467	165.891605	Yes
1.56	306	168.5495467	161.9506015	Yes
1.805	328	159.4584123	155.1233918	Yes
1.667	290.6	149.6633025	150.0512995	Yes
1.572	320	179.7911758	171.4609533	Yes
1.746	313.8	192.5757179	172.7447095	Yes

9/13/2019	10:00	30.04	0.825
9/13/2019	10:01	29.94	0.773
9/13/2019	10:02	29.78	1.018
9/13/2019	10:03	29.61	0.968
9/13/2019	10:04	29.57	0.942
9/13/2019	10:05	29.56	0.901
9/13/2019	10:06	29.66	0.765
9/13/2019	10:07	29.74	0.862
9/13/2019	10:08	29.79	0.86
9/13/2019	10:09	29.85	0.891
9/13/2019	10:10	29.91	0.922
9/13/2019	10:11	29.87	0.956
9/13/2019	10:12	30.05	1.084
9/13/2019	10:13	30.2	0.888
9/13/2019	10:14	30.41	1.183
9/13/2019	10:15	30.62	1.427
9/13/2019	10:16	30.67	1.414
9/13/2019	10:17	30.9	1.263
9/13/2019	10:18	31.15	1.161
9/13/2019	10:19	31.31	1.432
9/13/2019	10:20	31.43	1.302
9/13/2019	10:21	31.51	1.306
9/13/2019	10:22	31.54	1.526
9/13/2019	10:23	31.39	1.587
9/13/2019	10:24	31.37	1.563
9/13/2019	10:25	31.5	1.205
9/13/2019	10:26	31.56	1.507
9/13/2019	10:27	31.51	1.608
9/13/2019	10:28	31.45	1.503
9/13/2019	10:29	31.49	1.347
9/13/2019	10:30	31.59	1.322
9/13/2019	10:31	31.7	1.238
9/13/2019	10:32	31.86	1.242
9/13/2019	10:33	31.93	1.629
9/13/2019	10:34	31.9	1.595
9/13/2019	10:35	31.88	1.482
9/13/2019	10:36	31.84	1.375
9/13/2019	10:37	31.94	1.204
9/13/2019	10:38	31.9	1.577
9/13/2019	10:39	31.69	1.368
9/13/2019	10:40	31.46	1.667
9/13/2019	10:41	31.32	1.468
9/13/2019	10:42	31.14	1.546
9/13/2019	10:43	31.08	1.171
9/13/2019	10:44	31.14	1.368
9/13/2019	10:45	31	1.528
9/13/2019	10:46	31.03	1.486
9/13/2019	10:47	31.06	1.381
9/13/2019	10:48	31.37	1.076
9/13/2019	10:49	31.64	0.859
9/13/2019	10:50	31.93	1.016

323.5	169.8808638	30.02	1.022
328.8	157.837148	29.91	0.947
320.2	179.1755005	29.76	1.166
338.1	143.0451277	29.57	0.982
311.1	178.969176	29.54	0.997
359	128.6298991	29.52	0.942
347.6	133.8652759	29.63	0.94
350	132.2876789	29.74	0.913
340.8	139.914364	29.82	0.979
350.1	132.2277664	29.88	0.998
341	139.7001382	29.95	1.037
325.8	164.2624968	29.9	0.998
329	157.4417417	30.06	1.122
313.9	192.5757179	30.23	1.168
318.7	183.9540825	30.43	1.289
325	166.1438025	30.65	1.522
330.6	154.4151969	30.69	1.541
359.5	128.5248214	30.95	1.554
9.43	128.4722165	31.24	1.357
337.7	143.5482783	31.45	1.511
348.8	133.042617	31.57	1.424
328.2	159.0470698	31.61	1.472
330.4	154.7805667	31.57	1.922
335	147.2303008	31.4	1.738
314.2	192.5757179	31.34	1.638
314.7	192.5757179	31.46	1.319
330.3	154.96461	31.54	1.559
340.9	139.8069561	31.48	1.695
332.5	151.1187431	31.4	1.781
343.8	136.9410396	31.42	1.468
338.4	142.6746234	31.57	1.435
328.9	157.6389568	31.69	1.542
345.3	135.6387698	31.83	1.47
348.5	133.2418584	31.93	1.758
342	138.6639767	31.89	1.679
332.1	151.7871691	31.86	1.624
337.9	143.2953883	31.79	1.466
3.609	128.035151	31.88	1.324
344.6	136.2317817	31.91	1.646
328.8	157.837148	31.69	1.532
331.7	152.4689987	31.44	1.878
328.6	158.2364782	31.26	1.552
316.9	190.2134023	31.09	1.85
329.1	157.2454979	31.02	1.478
316.9	190.2134023	31.08	1.549
326.7	162.2336611	30.94	1.751
320.4	178.5661959	30.97	1.579
314.4	192.5757179	30.99	1.575
315.7	192.5757179	31.28	1.132
311.5	179.9029136	31.57	0.987
347.3	134.0817512	31.86	1.162

299.8	158.9978987	29.42	1.244
304.1	165.2951784	29.34	1.145
292.6	151.2692438	29.23	1.576
313	192.5757179	29.12	1.25
289.7	149.010542	29.09	1.256
330.9	153.8738695	29.05	1.343
327.9	159.6656133	29.09	1.199
328.5	158.4376272	29.19	1.159
315.3	192.5757179	29.27	1.12
325.8	164.2624968	29.3	1.241
319.1	182.6427564	29.34	1.26
305.2	167.1413681	29.32	1.257
301.2	160.8957315	29.52	1.465
288.6	148.2698482	29.64	1.594
293.5	152.0640803	29.87	1.473
301.9	161.8982783	30.05	1.815
309.8	176.0588609	30.07	1.659
341.1	139.5939084	30.18	1.574
338.8	142.1896378	30.31	1.465
316.3	192.4386028	30.5	1.437
321.2	176.1911131	30.69	1.483
303.9	164.9703808	30.76	1.708
305.6	167.8384137	30.75	2.078
311.7	192.5757179	30.62	1.867
294	152.5255981	30.61	1.781
291.2	150.1223115	30.81	1.552
301.4	161.1784514	30.84	1.715
317.6	187.7071962	30.76	1.929
310.7	178.0537144	30.69	1.94
319.5	181.3587702	30.68	1.487
317.7	187.3568179	30.82	1.502
306.4	169.2750169	30.95	1.816
323.9	168.856618	31.09	1.634
324.3	167.8527808	31.1	1.863
316.4	192.0626612	31.1	1.688
310.3	177.156161	31.08	1.677
317.1	189.4876488	31.03	1.616
338.2	142.9209771	31.04	1.331
322.8	171.7238383	30.98	1.838
307.1	170.5798662	30.9	1.873
309.1	174.5674412	30.75	2.081
307.8	171.9308504	30.64	1.758
299.5	158.6092822	30.54	2.216
304.9	166.6276829	30.53	1.862
293.3	151.8834871	30.59	1.975
309.2	174.7773583	30.45	2.006
297.9	156.6401729	30.51	1.905
291.4	150.2796092	30.54	1.813
296.4	154.9464686	30.84	1.381
290.9	149.8904009	31.02	1.249
317.1	189.4876488	31.27	1.05

300.9	160.4771641	29.06	1.404	295.8	154.3086209	28.9
303.6	164.489319	29.01	1.179	298.4	157.2370948	28.89
296.6	155.1640479	28.93	1.631	288	147.8918251	28.81
307.5	171.3461128	28.83	1.28	302.3	162.4877295	28.72
293.7	152.2469608	28.81	1.366	283.6	145.6589028	28.67
335.5	146.5095784	28.77	1.287	325.5	164.9592071	28.63
329.5	156.470139	28.78	1.19	321.2	176.1911131	28.65
325.2	165.6664139	28.86	1.184	319.2	182.3192244	28.73
315.7	192.5757179	28.96	1.235	308.7	173.7380647	28.82
322.7	171.9924951	28.99	1.37	316.7	190.9470722	28.87
315.3	192.5757179	28.99	1.361	310.9	178.509184	28.84
310.3	177.156161	28.99	1.342	302.4	162.6370044	28.84
300.4	159.7940691	29.16	1.668	293	151.6168585	29
291.7	150.5196185	29.24	1.763	283.1	145.4633897	29.03
291.7	150.5196185	29.46	1.67	287.7	147.7095994	29.25
301.5	161.3209223	29.63	2.118	292.7	151.3553066	29.38
307.2	170.7700049	29.65	1.947	305.1	166.9692794	29.43
339	141.9509679	29.74	2.006	332.6	150.9537025	29.53
334	148.7274886	29.82	1.761	332	151.9563603	29.62
311.9	192.5757179	30.01	1.856	306.2	168.9104738	29.81
315.9	192.5757179	30.22	1.81	311.4	179.6677453	30.03
300.5	159.929249	30.26	2.053	294.8	153.294267	30.01
304.4	165.7885774	30.27	2.485	299.8	158.9978987	29.99
309.2	174.7773583	30.16	2.295	305	166.7980522	29.9
291	149.967168	30.15	2.147	286.4	146.9714914	29.88
285.5	146.5088075	30.34	1.754	281.5	144.915171	30.07
300.9	160.4771641	30.36	2.077	295	153.4923338	30.04
312.9	192.5757179	30.31	2.298	306.9	170.2024087	30
307.4	171.1531239	30.25	2.36	299.8	158.9978987	29.91
314.1	192.5757179	30.24	1.8	311.2	179.2008824	29.95
315.3	192.5757179	30.38	1.831	310.7	178.0537144	30.11
301.4	161.1784514	30.52	2.029	301.1	160.7554768	30.28
318.7	183.9540825	30.67	1.885	314.3	192.5757179	30.4
320.8	177.3663815	30.67	2.307	316	192.5757179	30.34
312.3	192.5757179	30.63	2.162	310.2	176.9345288	30.27
307.4	171.1531239	30.61	2.106	302.8	163.2418433	30.26
313.9	192.5757179	30.55	1.921	308.1	172.5243387	30.26
332.8	150.6260744	30.54	1.62	329.3	156.8559046	30.28
319.3	181.9973899	30.5	2.197	314.3	192.5757179	30.24
306.9	170.2024087	30.42	2.025	301	160.6159553	30.14
307	170.3906689	30.3	2.537	301.5	161.3209223	30.01
302.2	162.3392225	30.23	2.102	298.4	157.2370948	29.94
297.6	156.2898875	30.19	2.486	292.6	151.2692438	29.92
299.3	158.3536654	30.2	2.056	297.9	156.6401729	29.98
288.9	148.4657012	30.26	2.195	286	146.7610226	30.06
305.8	168.1922038	30.14	2.327	302	162.0444998	29.94
293.4	151.9734986	30.21	2.283	289.1	148.5988232	30
287.3	147.4736091	30.22	2.104	281.3	144.8548646	30.01
293.5	152.0640803	30.47	1.531	289.4	148.802358	30.2
288.4	148.1418203	30.61	1.355	286	146.7610226	30.34
310.4	177.3788901	30.86	1.45	307.3	170.9610894	30.61

1.546	306.5	169.4586546	162.6246404	Yes
1.286	302.7	163.0894665	161.5896413	Yes
1.945	295.6	154.1009172	157.5203069	Yes
1.534	315.2	192.5757179	172.4060812	Yes
1.636	295	153.4923338	155.8755831	Yes
1.552	338.6	142.43085	147.2806808	Yes
1.358	327.6	160.2933984	157.2971079	Yes
1.379	325.2	165.6664139	160.8754716	Yes
1.274	317.4	188.4136263	177.4434982	Yes
1.491	321.9	174.1916691	166.7242999	Yes
1.692	320.3	178.8700569	174.4595707	Yes
1.66	315.9	192.5757179	172.7545497	Yes
1.949	302.3	162.4877295	158.4472261	Yes
2.095	293.8	152.3392627	157.8335674	Yes
2.032	296	154.5187706	157.7532303	Yes
2.452	302.6	162.9378699	160.7312359	Yes
2.096	313	192.5757179	172.157812	Yes
2.094	338.4	142.6746234	140.7396047	Yes
2.016	337.5	143.8038178	143.0299042	Yes
1.95	312	192.5757179	178.0097581	Yes
2.036	319.6	181.0419634	172.5038313	Yes
2.504	304.9	166.6276829	160.7737299	Yes
2.731	308.4	173.1267013	164.1064315	Yes
2.594	313.9	192.5757179	174.7914294	Yes
2.48	293.9	152.4321413	158.8944233	Yes
2.111	286.9	147.2455367	156.2735089	Yes
2.317	304.7	166.2895033	159.2804125	Yes
2.666	314.3	192.5757179	176.5735994	Yes
2.73	309.1	174.5674412	166.7781842	Yes
1.931	319.6	181.0419634	174.2236747	Yes
1.983	320.6	177.9631823	175.7248112	Yes
2.402	310	176.4945334	165.0684871	Yes
2.195	322.9	171.4565408	170.4963458	Yes
2.571	323.3	170.4007875	168.2875052	Yes
2.374	318.1	185.9739218	177.2421613	Yes
2.252	310.2	176.9345288	168.0545652	Yes
2.175	315.4	192.5757179	178.0917623	Yes
1.697	334.9	147.3766469	145.1629508	Yes
2.542	323.4	170.1401693	170.5337794	Yes
2.512	309.6	175.6274687	166.9725694	Yes
2.884	312.2	192.5757179	170.2647498	Yes
2.521	305.3	167.3143222	163.4115936	Yes
2.812	301.6	161.4641376	163.5691907	Yes
2.468	305.3	167.3143222	161.2362683	Yes
2.627	293.5	152.0640803	157.8775387	Yes
2.719	309.5	175.4133646	168.5322175	Yes
2.686	297.1	155.7190033	158.2995388	Yes
2.516	289	148.5320061	156.7431614	Yes
1.825	297.7	156.4059988	160.9589247	Yes
1.677	294.9	153.3930028	155.617832	Yes
1.47	311.5	179.9029136	170.3624586	Yes

9/13/2019	10:51	32.1	1.183
9/13/2019	10:52	32.19	1.297
9/13/2019	10:53	32.31	1.176
9/13/2019	10:54	32.48	1.397
9/13/2019	10:55	32.44	1.668
9/13/2019	10:56	32.47	1.626
9/13/2019	10:57	32.36	1.372
9/13/2019	10:58	32.42	1.1
9/13/2019	10:59	32.6	1.205
9/13/2019	11:00	32.71	1.164
9/13/2019	11:01	32.7	1.032
9/13/2019	11:02	32.88	1.269
9/13/2019	11:03	33.04	1.37
9/13/2019	11:04	33.07	1.086
9/13/2019	11:05	33.31	1.177
9/13/2019	11:06	33.44	1.311
9/13/2019	11:07	33.29	0.895
9/13/2019	11:08	33.21	1.171
9/13/2019	11:09	33.36	1.363
9/13/2019	11:10	33.29	1.146
9/13/2019	11:11	33.21	1.297
9/13/2019	11:12	33.22	1.394
9/13/2019	11:13	33.24	0.633
9/13/2019	11:14	33.32	0.761
9/13/2019	11:15	33.55	0.945
9/13/2019	11:16	33.65	0.827
9/13/2019	11:17	33.86	1.392
9/13/2019	11:18	33.75	1.827
9/13/2019	11:19	33.58	1.858
9/13/2019	11:20	33.43	1.502
9/13/2019	11:21	33.41	1.523
9/13/2019	11:22	33.4	1.465
9/13/2019	11:23	33.44	1.629
9/13/2019	11:24	33.37	1.454
9/13/2019	11:25	33.43	1.41
9/13/2019	11:26	33.48	1.072
9/13/2019	11:27	33.66	1.144
9/13/2019	11:28	33.87	1.149
9/13/2019	11:29	34.11	1.703
9/13/2019	11:30	34.3	2.08
9/13/2019	11:31	34.33	2.459
9/13/2019	11:32	34.25	1.735
9/13/2019	11:33	34.33	1.274
9/13/2019	11:34	34.19	1.119
9/13/2019	11:35	34.27	1.25
9/13/2019	11:36	34.62	1.449
9/13/2019	11:37	34.87	1.261
9/13/2019	11:38	35.04	0.503
9/13/2019	11:39	35.13	0.679
9/13/2019	11:40	35.04	0.718
9/13/2019	11:41	34.89	1.433

318	186.3168781	32.05	1.408
310.1	176.7139881	32.14	1.465
323.2	170.6627261	32.26	1.285
321.6	175.0397923	32.41	1.539
332.1	151.7871691	32.35	1.782
334.4	148.1195561	32.39	1.748
331.4	152.989316	32.28	1.503
332	151.9563603	32.35	1.257
323.8	169.1107479	32.54	1.438
319.1	182.6427564	32.65	1.331
304.7	166.2895033	32.67	1.13
337.4	143.9325875	32.86	1.594
2.911	128.0716424	33.07	1.656
353.8	130.3244035	33.14	1.259
6.636	128.0968673	33.38	1.273
316.5	191.6887683	33.51	1.569
286.9	147.2455367	33.27	1.095
325.5	164.9592071	33.15	1.472
315.1	192.5757179	33.25	1.573
315.5	192.5757179	33.17	1.326
326.2	163.3495837	33.12	1.381
337.9	143.2953883	33.15	1.488
311.4	179.6677453	33.15	0.701
332	151.9563603	33.28	0.757
342	138.6639767	33.56	1.037
330.3	154.96461	33.71	0.924
322.5	172.5339195	33.88	1.501
334.9	147.3766469	33.76	1.968
322	173.9118416	33.55	2.039
324.3	167.8527808	33.33	1.697
331.7	152.4689987	33.29	1.884
325.8	164.2624968	33.25	1.597
325.9	164.0325631	33.28	1.786
330.1	155.335435	33.2	1.698
342.4	138.2655439	33.29	1.649
344.6	136.2317817	33.41	1.17
4.47	128.0163295	33.61	1.272
14.65	130.010908	33.87	1.531
2.358	128.1140703	34.13	1.825
12.86	129.3579167	34.26	2.214
6.733	128.1047609	34.3	2.512
4.601	128.016	34.21	1.912
9.48	128.4817397	34.27	1.37
332.2	151.6188155	34.16	1.379
337.1	144.3229273	34.23	1.445
18.88	132.0975649	34.54	1.831
31.73	143.8423786	34.74	1.368
14.45	129.9313192	34.89	0.595
320.4	178.5661959	35.12	0.743
336.7	144.8528837	35.11	0.818
313.9	192.5757179	34.95	1.544

300.3	159.6596036	31.46	1.559
290.1	149.2954063	31.53	1.652
300.3	159.6596036	31.64	1.327
301.7	161.6081001	31.77	1.971
315	192.5757179	31.71	2.048
310.5	177.6027217	31.72	1.913
306.4	169.2750169	31.59	1.723
306.9	170.2024087	31.66	1.299
305.7	168.0148666	31.85	1.703
293.9	152.4321413	31.97	1.586
281.7	144.9772949	31.96	1.435
318.2	185.6327901	32.17	1.678
334.2	148.4219956	32.14	1.887
332.3	151.4512959	32.09	1.405
341.7	138.968767	32.27	1.377
293.6	152.1552339	32.43	1.913
261.9	147.4736091	32.27	1.449
300.1	159.3928048	32.28	1.97
293.3	151.8834871	32.43	2.138
291.5	150.3590693	32.35	1.579
301.6	161.4641376	32.34	1.711
315	192.5757179	32.34	2.008
294.4	152.9052402	32.37	0.864
303	163.5489495	32.48	1.031
317	189.8495428	32.71	1.198
304.3	165.6232794	32.88	1.212
297.3	155.945431	33.06	2.093
313.3	192.5757179	32.93	2.476
299.4	158.4811294	32.79	2.543
303.9	164.9703808	32.61	2.197
310.7	178.0537144	32.55	2.342
306.1	168.7295603	32.53	1.942
300.2	159.5258496	32.56	2.091
313.7	192.5757179	32.44	2.195
322.2	173.356455	32.52	2.078
317.4	188.4136263	32.58	1.587
340.6	140.1309578	32.77	1.574
344	136.7605319	32.86	2.104
335.2	146.9398193	33.07	2.474
346	135.0709716	33.18	2.545
339.2	141.7148217	33.08	2.799
341.1	139.5939084	32.81	2.068
341.8	138.8665983	32.87	1.607
311	178.7386118	32.93	1.663
318.7	183.9540825	33.19	1.965
355	129.8341932	33.51	2.196
5.721	128.0405058	33.54	1.654
349.9	132.3480491	33.59	0.739
287.3	147.4736091	33.88	0.995
312.5	192.5757179	33.96	1.073
294.6	153.0985737	33.84	1.867

293.2	151.7940443	31.05	1.82	290.2	149.3679312	30.85
287.3	147.4736091	31.12	1.879	282.2	145.1405816	30.83
295.3	153.7939153	31.22	1.555	289	148.5320061	30.91
296.2	154.7313813	31.36	2.127	290.8	149.8141685	31.08
308.7	173.7380647	31.3	2.324	304.7	166.2895033	30.99
306.9	170.2024087	31.27	2.262	303.5	164.3305874	30.94
302.6	162.9378699	31.11	2.011	297.6	156.2898875	30.74
301.6	161.4641376	31.2	1.544	296	154.5187706	30.88
301.2	160.8957315	31.42	1.841	295.4	153.8956445	31.13
291.8	150.6007104	31.53	1.711	284	145.823697	31.19
279.8	144.4601404	31.53	1.374	276.7	143.962286	31.23
318.9	183.2949574	31.77	2.039	310.4	177.3788901	31.48
336.5	145.1219829	31.69	2.135	328.1	159.2522329	31.34
333.5	149.5047542	31.59	1.529	326	163.8037704	31.27
340.7	140.0223639	31.67	1.58	331.3	153.1644801	31.33
290.2	149.3679312	31.85	2.071	285.2	146.3632375	31.49
264	146.3632375	31.62	1.372	258.4	149.8141685	31.27
298.3	157.1163888	31.69	1.989	291.4	150.2796092	31.41
292.4	151.0987909	31.89	2.124	287.8	147.7698413	31.55
288.6	148.2698482	31.81	1.687	282.8	145.3516416	31.43
301.7	161.6081001	31.86	1.767	294.7	153.1961245	31.52
317.8	187.0083138	31.87	1.902	310.4	177.3788901	31.54
286.8	147.1897488	31.88	0.84	282.9	145.3884291	31.63
295.2	153.6927882	31.99	0.961	293.7	152.2469608	31.74
322.7	171.9924951	32.2	1.224	309.4	175.2003149	32
304	165.1323684	32.35	1.182	298	156.7582401	32.15
297.7	156.4059988	32.51	2.029	289.9	149.1519294	32.25
313.8	192.5757179	32.35	2.627	304.1	165.2951784	31.99
298.1	156.8769637	32.24	2.56	293.2	151.7940443	31.8
302.5	162.7870502	32.07	2.235	295.5	153.9979779	31.64
310.2	176.9345288	32.03	2.529	302.8	163.2418433	31.63
304.6	166.1216858	31.98	2.038	296.8	155.3841351	31.61
298.4	157.2370948	32.04	2.245	291.4	150.2796092	31.66
313	192.5757179	31.94	2.242	305.5	167.6628412	31.61
323.5	169.8808638	32.03	2.131	315.9	192.5757179	31.67
316	192.5757179	32.02	1.571	309.6	175.6274687	31.59
344.9	135.9745142	32.22	1.543	335.7	146.2263702	31.81
349.2	132.7835393	32.25	1.955	343.4	137.3085186	31.91
334.4	148.1195561	32.48	2.402	327.9	159.6656133	32.15
345.4	135.5561236	32.52	3.001	337.8	143.4215034	32.11
340	140.7951122	32.36	3.341	330.7	154.2338617	31.85
342.2	138.4636301	32.04	2.497	333.2	149.9805289	31.55
338.1	143.0451277	32.08	1.769	338.4	142.6746234	31.7
308.6	173.5332689	32.2	1.695	303.5	164.3305874	31.87
317.9	186.6616714	32.53	1.802	314.2	192.5757179	32.25
355	129.8341932	32.86	2.461	344.8	136.0597477	32.49
358.5	128.7449612	32.75	1.815	355.1	129.7960751	32.38
350	132.2876789	32.68	0.782	345.1	135.8056071	32.37
287.9	147.8305829	33.02	0.929	285	146.2685776	32.69
299.4	158.4811294	33.16	0.988	302.4	162.6370044	32.8
295.2	153.6927882	33.1	1.896	285.9	146.709616	32.76

2.043	292	150.7645356	159.5805986	Yes
2.208	286	146.7610226	153.0769215	Yes
1.765	293.9	152.4321413	157.0160785	Yes
2.594	298.3	157.1163888	159.6619662	Yes
2.733	313.7	192.5757179	175.3932346	Yes
2.556	310.6	177.8276612	167.616587	Yes
2.281	306.8	170.0150814	162.3014343	Yes
1.629	300.8	160.3391006	159.6961556	Yes
2.113	301.9	161.8982783	162.7630538	Yes
2.116	295.5	153.9979779	157.0994566	Yes
1.648	285.4	146.4598058	149.2298061	Yes
2.099	315.7	192.5757179	176.5629886	Yes
2.394	339.2	141.7148217	144.5165351	Yes
1.692	337.4	143.9325875	147.8033623	Yes
1.72	336.4	145.2575724	141.1020102	Yes
2.407	289.3	148.733998	157.6618338	Yes
1.764	267.5	144.9772949	147.1747693	Yes
2.339	297.1	155.7190033	157.4934026	Yes
2.697	293.2	151.7940443	159.0243763	Yes
1.926	288.4	148.1418203	156.9396195	Yes
2.005	303.5	164.3305874	160.7897067	Yes
2.286	318	186.3168781	177.3150376	Yes
1.054	282.5	145.2440439	154.0790415	Yes
1.063	299.2	158.226888	155.9343894	Yes
1.404	325.2	165.6664139	168.2745487	Yes
1.385	304.8	166.4581678	161.7873331	Yes
2.481	296	154.5187706	157.7112099	Yes
3.033	310.3	177.156161	174.9958844	Yes
3.186	301.3	161.0367221	160.4201402	Yes
2.74	303.5	164.3305874	162.7877554	Yes
2.842	311.2	179.2008824	169.9799935	Yes
2.388	302.6	162.9378699	163.4871496	Yes
2.527	298.9	157.8506504	157.7851534	Yes
2.613	311.6	180.1392477	177.6577919	Yes
2.602	325.3	165.4295013	167.9016164	Yes
1.896	317.8	187.0083138	175.9713817	Yes
1.832	345.8	135.2306555	137.1157655	Yes
2.505	350.3	132.1093104	133.7945616	Yes
2.934	335.4	146.6522652	145.8982648	Yes
3.172	346.8	134.4523139	135.5717658	Yes
3.385	337.1	144.3229273	141.8342968	Yes
2.631	345.4	135.5561236	138.3220382	Yes
2.061	344	136.7605319	137.9657242	Yes
1.977	309.8	176.0588609	168.8560289	Yes
2.295	321.3	175.9010607	176.6830919	Yes
2.679	353.1	130.6386087	131.6928615	Yes
1.986	358.1	128.8442293	131.85363	Yes
0.88	341.8	138.8665983	133.8478505	Yes
1.153	291.5	150.3590693	154.099607	Yes
1.171	305.1	166.9692794	165.1032029	Yes
2.125	297.4	156.0596058	160.4272603	Yes

9/13/2019	11:42	34.85	1.338
9/13/2019	11:43	34.88	1.517
9/13/2019	11:44	34.7	1.385
9/13/2019	11:45	34.47	1.137
9/13/2019	11:46	34.5	0.87
9/13/2019	11:47	34.5	1.238
9/13/2019	11:48	34.24	1.553
9/13/2019	11:49	34.03	1.393
9/13/2019	11:50	33.88	0.98
9/13/2019	11:51	33.95	0.977
9/13/2019	11:52	33.96	1.542
9/13/2019	11:53	33.62	1.829
9/13/2019	11:54	33.41	1.649
9/13/2019	11:55	33.46	1.667
9/13/2019	11:56	33.25	1.316
9/13/2019	11:57	33.2	1.442
9/13/2019	11:58	33.22	1.28
9/13/2019	11:59	33.54	1.746
9/13/2019	12:00	33.54	1.818
9/13/2019	12:01	33.77	1.432
9/13/2019	12:02	33.95	1.417
9/13/2019	12:03	33.94	1.238
9/13/2019	12:04	34.2	1.143
9/13/2019	12:05	34.35	1.135
9/13/2019	12:06	34.65	1.232
9/13/2019	12:07	34.75	1.408
9/13/2019	12:08	34.34	1.978
9/13/2019	12:09	34.07	1.377
9/13/2019	12:10	34.13	1.858
9/13/2019	12:11	34.21	1.848
9/13/2019	12:12	34.09	1.702
9/13/2019	12:13	33.92	1.33
9/13/2019	12:14	34.07	1.053
9/13/2019	12:15	34.28	1.382
9/13/2019	12:16	34.38	1.637
9/13/2019	12:17	34.25	1.849
9/13/2019	12:18	34.3	1.161
9/13/2019	12:19	34.42	1.758
9/13/2019	12:20	34.46	1.212
9/13/2019	12:21	34.54	1.481
9/13/2019	12:22	34.63	1.447
9/13/2019	12:23	34.36	0.965
9/13/2019	12:24	34.25	0.789
9/13/2019	12:25	34.3	1.109
9/13/2019	12:26	34.24	1.382
9/13/2019	12:27	34.38	0.753
9/13/2019	12:28	34.56	1.166
9/13/2019	12:29	34.77	1.337
9/13/2019	12:30	34.98	1.269
9/13/2019	12:31	35.01	1.29
9/13/2019	12:32	34.82	1.551

0.857	128.2896539	34.83	1.51
3.348	128.0465692	34.88	1.757
318.6	184.28627	34.72	1.687
304.2	165.4588142	34.39	1.324
283.9	145.7817973	34.28	1.031
329.6	156.2786798	34.32	1.401
339.6	141.2500277	34.08	1.946
344.4	136.4059155	33.87	1.634
0.248	128.3861792	33.75	1.064
358	128.870052	33.83	1.02
356.3	129.3710598	33.9	2.068
349.9	132.3480491	33.55	2.213
355.3	129.7210908	33.34	1.813
12.41	129.2145765	33.36	1.77
337.9	143.2953883	33.21	1.479
329.5	156.470139	33.14	1.737
321.2	176.1911131	33.14	1.498
334.2	148.4219956	33.42	1.883
355.5	129.6477719	33.42	2.364
7.54	128.1847176	33.64	1.663
350.6	131.9350344	33.88	1.628
348.8	133.042617	33.92	1.427
318.8	183.6236488	34.16	1.11
278.8	144.2529947	34.31	1.34
308.4	173.1267013	34.55	1.526
328	159.4584123	34.64	1.756
342.1	138.5635199	34.24	2.298
335.1	147.0846926	33.9	1.85
328.1	159.2522329	33.96	2.195
333.3	149.8211447	34.01	2.005
336.2	145.5308449	33.87	1.911
306	168.5495467	33.72	1.597
311.5	179.9029136	33.87	1.304
326.8	162.0137796	34.08	1.455
321.5	175.3254093	34.2	1.81
337.2	144.1921397	34.06	2.093
336.6	144.9870876	34.05	1.274
346.6	134.6039881	34.19	1.855
310.4	177.3788901	34.27	1.363
315.6	192.5757179	34.33	1.734
354.8	129.9116845	34.45	1.704
338.4	142.6746234	34.21	1.149
318.6	184.28627	34.15	0.918
336.3	145.3938588	34.2	1.382
327.6	160.2933984	34.19	1.511
347.7	133.7940871	34.26	0.844
336.2	145.5308449	34.48	1.472
302.1	162.1914802	34.67	1.453
305.5	167.6628412	34.79	1.636
301.4	161.1784514	34.79	1.553
298.3	157.1163888	34.61	1.779

329.1	157.2454979	33.73	1.924
337	144.4543929	33.66	2.21
299.2	158.226888	33.5	2.41
277.1	144.0026586	33.38	1.951
264.5	146.1301527	33.38	1.439
312.7	192.5757179	33.4	1.523
318.1	185.9739218	33.11	2.403
317.9	186.6616714	32.91	1.935
340.2	140.5713153	32.82	1.302
336.4	145.2575724	32.97	1.128
334.2	148.4219956	32.96	2.591
326.5	162.6767095	32.61	2.534
336.7	144.8528837	32.46	2.215
348.4	133.3092177	32.46	2.09
314.2	192.5757179	32.31	1.759
309.8	176.0588609	32.44	2.138
300.4	159.7940691	32.51	1.982
310.4	177.3788901	32.88	2.406
331.9	152.1263931	32.8	2.807
337.7	143.5482783	32.9	2.027
324.8	166.6259865	32.98	1.826
326.8	162.0137796	32.92	1.573
291.7	150.5196185	33.28	1.407
256.9	151.0143979	33.59	1.805
282.8	145.3516416	33.95	1.965
299.9	159.1288318	33.96	2.293
317	189.8495428	33.48	2.902
311.6	180.1392477	33.07	2.549
303.9	164.9703808	33.27	2.635
309.9	176.2761595	33.3	2.574
309.3	174.9883145	33.1	2.279
287.5	147.5906108	32.98	2.188
287.4	147.531862	33.23	1.774
309	174.3585583	33.44	1.696
293.8	152.3392627	33.51	2.238
313.4	192.5757179	33.32	2.501
314.8	192.5757179	33.27	1.536
327.3	160.9305691	33.36	2.26
287.4	147.531862	33.43	1.869
292.4	151.0987909	33.58	2.394
332.1	151.7871691	33.56	2.309
314.2	192.5757179	33.2	1.32
293	151.6168585	33.2	1.007
314	192.5757179	33.4	1.658
310.5	177.6027217	33.39	1.768
320.2	179.1755005	33.51	0.991
317.3	188.7697038	33.66	1.819
269.7	144.3933148	33.93	1.893
280.6	144.6580519	34.08	2.482
275	143.869106	34.13	2.265
272.7	143.9447385	33.85	2.461

327.3	160.9305691	32.97	1.911	319.7	180.726811	32.55
337	144.4543929	32.87	2.187	327.5	160.5047386	32.46
298.2	156.9963458	32.79	2.229	292.3	151.0143979	32.38
275.2	143.8734887	32.69	1.78	270.5	144.234728	32.12
263.2	146.7610226	32.72	1.365	258.1	150.0444711	32.22
311.1	178.969176	32.83	1.714	303.3	164.0155381	32.37
319.3	181.9973899	32.57	2.543	311.4	179.6677453	32.06
317.7	187.3568179	32.34	2.142	310.1	176.7139881	31.83
332	151.9563603	32.27	1.279	328	159.4584123	31.82
333.2	149.9805289	32.44	1.325	330	155.5222256	32.08
334.7	147.6715655	32.46	2.545	327.4	160.717127	32.11
326.9	161.7949854	32.12	2.769	321.4	175.6124958	31.82
336	145.8069274	31.99	2.407	330	155.5222256	31.69
348	133.5834127	31.95	2.422	339.3	141.5976893	31.66
312.7	192.5757179	31.8	1.832	309	174.3585583	31.52
308.2	172.724134	31.99	2.247	304.9	166.6276829	31.72
294.3	152.8094541	32.11	1.992	287.2	147.415851	31.88
306.6	169.6432085	32.5	2.642	302.4	162.6370044	32.17
331.7	152.4689987	32.36	2.939	327.1	161.3606366	31.99
336.8	144.7193684	32.39	2.222	329.7	156.0881634	31.99
323.7	169.3661605	32.41	2.091	317.2	189.1277069	31.92
328.2	159.0470698	32.32	1.823	319.7	180.726811	31.93
289.6	148.9406289	32.68	1.418	284.1	145.8660653	32.36
255.5	152.2469608	33.03	1.628	250.8	157.2370948	32.69
278.7	144.234728	33.43	1.801	272.6	143.9532925	33.02
297.9	156.6401729	33.43	2.264	291.7	150.5196185	32.98
317.7	187.3568179	32.94	3.028	309.4	175.2003149	32.46
311.6	180.1392477	32.5	2.448	305.9	168.3704292	32.07
301.4	161.1784514	32.79	2.779	294.4	152.9052402	32.46
308.6	173.5332689	32.8	2.673	301.2	160.8957315	32.35
307.2	170.7700049	32.55	2.41	300.5	159.929249	32.1
286.1	146.8129126	32.44	2.133	280.9	144.7396894	32.04
286.3	146.9181461	32.72	1.58	280.8	144.7120259	32.36
305.7	168.0148666	32.97	1.825	299.3	158.3536654	32.64
292.8	151.441929	32.96	2.42	288.2	148.0158154	32.5
315	192.5757179	32.77	2.558	306	168.5495467	32.3
315.9	192.5757179	32.72	1.605	307.8	171.9308504	32.31
323.5	169.8808638	32.83	2.433	317.2	189.1277069	32.45
283.9	145.7817973	32.88	1.782	280	144.5069269	32.44
289	148.5320061	33.04	2.337	285.2	146.3632375	32.61
332.6	150.9537025	33	2.184	323.4	170.1401693	32.46
313.3	192.5757179	32.62	1.37	303.3	164.0155381	32.15
300.8	160.3391006	32.57	1.091	295.4	153.8956445	32.22
313.5	192.5757179	32.84	1.696	307.9	172.1277015	32.58
311.8	192.5757179	32.83	1.951	303.5	164.3305874	32.37
311.9	192.5757179	32.87	1.018	311.5	179.9029136	32.44
319.3	181.9973899	33.04	1.848	314.1	192.5757179	32.59
270	144.3305061	33.37	1.844	267.9	144.8548646	32.95
277.1	144.0026586	33.53	2.159	271.8	144.0375611	33.07
274.7	143.8658191	33.6	2.01	268	144.8253918	33.11
270	144.3305061	33.31	2.259	266.2	145.4256783	32.83

2.218	325.3	165.4295013	158.5244066	Yes
2.438	335.5	146.5095784	144.7939344	Yes
2.881	299.8	158.9978987	161.9043601	Yes
2.393	277.2	144.0138522	148.3167083	Yes
1.742	264.1	146.3156694	147.0066226	Yes
1.973	306.5	169.4586546	172.2595533	Yes
2.998	320.2	179.1755005	173.612917	Yes
2.423	316.5	191.6887683	175.7654322	Yes
1.577	331.4	152.989316	146.6723166	Yes
1.317	335.3	146.7956779	145.2852114	Yes
3.082	334.9	147.3766469	146.7116789	Yes
3.275	329.2	157.0502204	157.8964921	Yes
2.852	340.2	140.5713153	143.2948886	Yes
2.572	347.7	133.7940871	134.2997967	Yes
2.141	316.2	192.5757179	179.0762201	Yes
2.53	312.7	192.5757179	172.8913069	Yes
2.428	292.2	150.9305587	157.4282092	Yes
3.157	310.6	177.8276612	167.181752	Yes
3.416	332.5	151.1187431	149.3445087	Yes
2.716	336.5	145.1219829	143.5325021	Yes
2.407	325.3	165.4295013	164.4968779	Yes
1.947	328	159.4584123	158.857738	Yes
1.813	292.2	150.9305587	155.976104	Yes
2.122	259.8	148.802358	150.7107612	Yes
2.46	279.6	144.4151432	150.2163013	Yes
2.818	296.5	155.0549457	156.1603963	Yes
3.552	315.8	192.5757179	176.7091827	Yes
2.933	312.5	192.5757179	173.661867	Yes
3.138	299.8	158.9978987	159.4608408	Yes
3.16	310.6	177.8276612	167.6707932	Yes
2.79	306.4	169.2750169	164.098686	Yes
2.582	290.2	149.3679312	151.4121381	Yes
2.021	288.1	147.9535689	153.4037033	Yes
2.091	304.6	166.1216858	165.7725111	Yes
2.915	294.7	153.1961245	156.0637082	Yes
2.839	313.7	192.5757179	178.093768	Yes
1.699	312.5	192.5757179	178.9290183	Yes
2.602	323.6	169.6228634	164.8331983	Yes
2.38	288.2	148.0158154	152.6430583	Yes
3.011	292.5	151.183739	157.9506983	Yes
2.515	330.1	155.335435	151.6256321	Yes
1.514	314.1	192.5757179	176.883463	Yes
1.221	307.2	170.7700049	164.1815757	Yes
2.007	317	189.8495428	178.5045078	Yes
2.176	311.4	179.6677453	174.8940341	Yes
1.222	316.3	192.4386028	175.5773644	Yes
2.176	321.5	175.3254093	176.8398132	Yes
2.493	273.5	143.8921176	147.9324567	Yes
3.065	276.5	143.9447385	148.8611703	Yes
2.762	276.6	143.9532925	147.5384122	Yes
2.801	271.9	144.0254863	146.9685596	Yes

9/13/2019	12:33	34.69	0.903
9/13/2019	12:34	34.8	0.79
9/13/2019	12:35	34.63	0.988
9/13/2019	12:36	34.36	0.837
9/13/2019	12:37	34.33	0.993
9/13/2019	12:38	34.59	1.282
9/13/2019	12:39	34.82	0.821
9/13/2019	12:40	35.13	1.437
9/13/2019	12:41	35.03	1.321
9/13/2019	12:42	35.02	2.112
9/13/2019	12:43	34.85	1.854
9/13/2019	12:44	34.92	1.757
9/13/2019	12:45	35.11	1.581
9/13/2019	12:46	35.14	1.334
9/13/2019	12:47	35.21	1.048
9/13/2019	12:48	35.38	1.484
9/13/2019	12:49	35.47	1.414
9/13/2019	12:50	35.36	1.836
9/13/2019	12:51	35.17	1.555
9/13/2019	12:52	35.05	0.895
9/13/2019	12:53	35.22	1.103
9/13/2019	12:54	35.11	0.883
9/13/2019	12:55	35.15	0.948
9/13/2019	12:56	35.26	0.79
9/13/2019	12:57	35.38	1.167
9/13/2019	12:58	35.21	1.24
9/13/2019	12:59	35.12	0.837
9/13/2019	13:00	35.25	1.243
9/13/2019	13:01	35.31	1.096
9/13/2019	13:02	35.42	1.324
9/13/2019	13:03	35.34	1.508
9/13/2019	13:04	35.21	0.868
9/13/2019	13:05	35.39	1.113
9/13/2019	13:06	35.28	1.496
9/13/2019	13:07	35.44	1.808
9/13/2019	13:08	35.21	1.734
9/13/2019	13:09	35.25	1.337
9/13/2019	13:10	35.13	1.833
9/13/2019	13:11	35.03	2.076
9/13/2019	13:12	34.82	1.906
9/13/2019	13:13	34.79	1.398
9/13/2019	13:14	34.81	1.633
9/13/2019	13:15	34.69	1.714
9/13/2019	13:16	34.87	1.228
9/13/2019	13:17	35.19	1.056
9/13/2019	13:18	35.41	1.188
9/13/2019	13:19	35.44	1.684
9/13/2019	13:20	35.34	1.557
9/13/2019	13:21	35.36	1.963
9/13/2019	13:22	35.19	1.719
9/13/2019	13:23	35.03	1.628

287	147.3018158	34.42	1.028
297.8	156.5227599	34.54	0.951
330.3	154.96461	34.42	1.085
313.8	192.5757179	34.18	0.878
348.5	133.2418584	34.15	1.168
343.3	137.4017445	34.41	1.483
325.3	165.4295013	34.67	1.132
316.8	190.5792409	34.99	1.608
313.9	192.5757179	34.86	1.483
326.1	163.5761126	34.82	2.33
332.6	150.9537025	34.64	2.103
334.4	148.1195561	34.68	1.798
355.2	129.7583745	34.89	1.735
344.9	135.9745142	34.94	1.496
340.7	140.0223639	35.02	1.146
356.9	129.1807975	35.2	1.5
352.6	130.8759536	35.3	1.485
281.8	145.0090396	35.14	1.991
261.3	147.8305829	34.89	1.753
276	143.9085582	34.65	1
347.4	134.0091067	34.89	1.255
301.5	161.3209223	34.83	0.94
293.3	151.8834871	34.89	1.157
336.4	145.2575724	34.98	0.858
312.9	192.5757179	35.14	1.354
282.3	145.1746105	35.01	1.278
308.4	173.1267013	34.88	1.042
301.8	161.7528127	34.97	1.646
289.9	149.1519294	35.04	1.315
298.3	157.1163888	35.14	1.626
298.5	157.3584661	35.07	1.889
318.6	184.28627	34.91	1.215
314.6	192.5757179	35.16	1.354
308.6	173.5332689	35.04	1.632
284.3	145.9522103	35.19	2.027
289.1	148.5988232	34.94	1.806
302.6	162.9378699	34.96	1.629
276.2	143.9217129	34.83	2.304
293.9	152.4321413	34.74	2.287
287.8	147.7698413	34.54	2.078
298.2	156.9963458	34.49	1.814
297.1	155.7190033	34.51	1.901
287.4	147.531862	34.39	1.94
270.4	144.2529947	34.52	1.386
271.7	144.0500767	34.88	1.359
278.8	144.2529947	35.16	1.56
274.1	143.8710782	35.17	2.037
253.6	154.1009172	35.04	1.66
302	162.0444998	35.07	2.403
316.3	192.4386028	34.93	2.011
322.6	172.2625195	34.77	1.828

262.7	147.0253234	33.74	1.529
280	144.5069269	33.91	1.407
306.6	169.6432085	33.68	1.319
292.1	150.8472717	33.51	1.048
321.7	174.7556358	33.48	1.358
317	189.8495428	33.61	1.923
301.8	161.7528127	33.82	1.529
292.4	151.0987909	34.23	1.987
296.2	154.7313813	33.96	1.922
299.3	158.3536654	34.02	2.865
310.3	177.156161	33.87	2.732
307.7	171.7349716	33.97	2.373
328.4	158.6397721	34.1	2.17
322.8	171.7238383	34.01	1.758
316.4	192.0626612	34.12	1.505
330.6	154.4151969	34.23	1.842
333.4	149.6625543	34.19	1.955
258.8	149.5145601	34.2	2.809
240.3	174.1507045	34.09	2.213
255.8	151.9734986	33.92	1.187
314.4	192.5757179	34.17	1.69
282.2	145.1405816	34.03	1.218
276.7	143.962286	34.14	1.723
309.1	174.5674412	34.22	1.006
290.3	149.4409821	34.3	1.907
262.5	147.1344513	34.22	1.926
283.8	145.7403654	34.16	1.48
277.3	144.0254863	34.23	2.105
267.4	145.0090396	34.37	1.791
275.6	143.8875148	34.52	2.233
277.5	144.0500767	34.36	2.646
293.9	152.4321413	34.23	1.491
297.1	155.7190033	34.45	1.515
288	147.8918251	34.3	2.234
262.6	147.0796431	34.53	2.801
260.4	148.3999072	34.28	2.389
282.9	145.3884291	34.31	2.378
254.4	153.294267	34.19	2.999
268.2	144.7678047	34.17	3.218
261.2	147.8918251	34	2.782
269.4	144.4601404	33.97	2.542
269.7	144.3933148	33.96	2.731
262.9	146.9181461	33.78	2.718
247.3	161.8982783	34	1.682
248.7	159.929249	34.37	1.789
257	150.9305587	34.61	2.064
252.1	155.7190033	34.61	2.384
235.1	186.4450707	34.49	1.967
281	144.7678047	34.51	3.061
292.1	150.8472717	34.27	2.691
299.8	158.9978987	34.06	2.375

259.7	148.8712346	33.18	1.295	254.5	153.1961245	32.76
277.2	144.0138522	33.39	1.32	272.4	143.9717192	33.03
301.8	161.7528127	33.15	1.285	294.6	153.0985737	32.78
289.8	149.0809751	32.96	0.981	284	145.823697	32.66
318.9	183.2949574	33	1.386	312.2	192.5757179	32.76
316.1	192.5757179	33.09	1.964	311.1	178.969176	32.79
297.6	156.2898875	33.22	1.58	296.1	154.6247674	32.89
291.6	150.439072	33.62	2.042	285.4	146.4598058	33.17
294.1	152.6196347	33.28	1.913	289.9	149.1519294	32.72
297.3	155.945431	33.42	3.041	293.8	152.3392627	32.93
307.5	171.3461128	33.32	2.798	302.9	163.3950032	32.8
305	166.7980522	33.4	2.428	302.5	162.7870502	32.86
324.7	166.8688935	33.49	2.273	321	176.7757169	32.89
322.2	173.356455	33.39	1.958	319.3	181.9973899	32.82
311.6	180.1392477	33.41	1.523	307.6	171.5400605	32.89
329.7	156.0881634	33.51	1.877	321.9	174.1916691	32.94
331.9	152.1263931	33.42	1.899	323.7	169.3661605	32.94
258.4	149.8141685	33.51	2.645	253.2	154.5187706	33
238.9	177.156161	33.46	2.145	231.4	187.0083138	32.86
255.5	152.2469608	33.3	1.313	242.1	170.5798662	32.68
311.9	192.5757179	33.59	1.628	309.4	175.2003149	33.02
284.5	146.0402375	33.45	1.239	277.5	144.0500767	32.93
275.1	143.8710782	33.54	1.518	268.4	144.7120259	33.02
308.2	172.724134	33.64	1.019	293.7	152.2469608	33.09
285.2	146.3632375	33.72	1.794	283	145.4256783	33.22
258.8	149.5145601	33.67	1.716	251	156.9963458	33.13
280.6	144.6580519	33.55	1.386	274.9	143.8675721	33.05
275.6	143.8875148	33.7	1.992	269.8	144.3719327	33.19
266.5	145.3153153	33.83	1.66	261.5	147.7095994	33.38
273.1	143.914916	33.99	2.093	269.3	144.4833098	33.5
273.4	143.897159	33.8	2.461	268.6	144.6580519	33.17
290.9	149.8904009	33.63	1.532	287.5	147.5906108	33.1
293.6	152.1552339	33.85	1.632	291.1	150.0444711	33.34
286.6	147.0796431	33.69	2.171	282.3	145.1746105	33.24
262	147.415851	33.97	2.786	253.5	154.2044642	33.5
258.1	150.0444711	33.68	2.343	250	158.226888	33.11
279.3	144.3509966	33.75	2.123	273.8	143.8796248	33.25
252.3	155.4951241	33.61	3.041	244.4	166.4581678	33.15
265.9	145.540202	33.6	3.002	257.9	150.2006904	33.12
259.7	148.8712346	33.47	2.726	253.6	154.1009172	32.96
267.7	144.915171	33.42	2.361	261.9	147.4736091	32.94
268.4	144.7120259	33.41	2.459	262.8	146.9714914	32.92
262.9	146.9181461	33.25	2.579	255	152.7142528	32.73
251.4	156.5227599	33.48	1.714	237.4	180.615438	33.03
250.4	157.7265948	33.84	1.645	236.2	183.5738179	33.32
259.6	148.9406289	34.09	1.926	251.2	156.7582401	33.56
250.8	157.2370948	34.1	2.583	242.9	169.0922914	33.58
232.9	192.4386028	33.97	2.069	221.5	160.0831011	33.44
277.2	144.0138522	34.01	3.121	272.4	143.9717192	33.46
288	147.8918251	33.7	2.648	281.6	144.9460055	33.11
296.5	155.0549457	33.45	2.354	292.4	151.0987909	32.89

1.795	261.7	147.5906108	148.7970218	Yes
1.638	281.3	144.8548646	146.7740246	Yes
1.486	298.8	157.7265948	159.4371599	Yes
1.192	291.1	150.0444711	157.6744266	Yes
1.478	317.1	189.4876488	174.6711637	Yes
2.304	318.5	184.6202228	176.6832808	Yes
1.91	297.6	156.2898875	158.8773713	Yes
2.517	288	147.8918251	157.2937469	Yes
2.357	299.7	158.8676643	161.5892655	Yes
3.685	298.9	157.8506504	157.6130244	Yes
3.418	309.5	175.4133646	167.6528688	Yes
3.149	308.7	173.7380647	164.635539	Yes
2.685	328.2	159.0470698	158.2179654	Yes
2.182	325.9	164.0325631	165.4169521	Yes
2.068	314.7	192.5757179	175.2680102	Yes
2.192	328.4	158.6397721	154.5031198	Yes
2.369	330.3	154.96461	151.3991343	Yes
3.614	261.6	147.6498563	149.301279	Yes
2.849	240.2	174.3585583	172.1008641	Yes
1.461	246.7	162.7870502	156.2991868	Yes
2.05	315.3	192.5757179	177.3873151	Yes
1.452	287.8	147.7698413	148.8643319	Yes
2.103	275.4	143.8796248	145.6617004	Yes
1.231	300.9	160.4771641	161.0546545	Yes
2.365	287.5	147.5906108	156.2792453	Yes
2.151	256.2	151.6168585	150.0873652	Yes
1.873	281.3	144.8548646	150.4495111	Yes
2.588	274.1	143.8710782	147.5817649	Yes
2.21	270	144.3305061	146.303278	Yes
2.97	276.1	143.914916	146.6634091	Yes
3.318	274.8	143.8664765	146.766046	Yes
1.927	291	149.967168	156.8333182	Yes
1.823	297.4	156.0596058	161.3108064	Yes
2.785	288.7	148.3346233	152.4027942	Yes
3.654	262.2	147.3018158	148.3907969	Yes
2.989	257.1	150.8472717	151.2234722	Yes
2.804	278.4	144.18259	148.1479021	Yes
3.76	252.4	155.3841351	154.9106814	Yes
4.024	266	145.5015641	147.6884805	Yes
3.508	262.9	146.9181461	149.1103929	Yes
3.13	269.6	144.4151432	147.6520819	Yes
3.47	267.9	144.8548646	147.33014	Yes
3.419	262.4	147.1897488	148.2544312	Yes
2.195	249.3	159.1288318	160.4836605	Yes
2.141	244.8	165.7885774	162.2136631	Yes
2.571	258.2	149.967168	150.1699181	Yes
3.026	251.4	156.5227599	156.4884455	Yes
2.552	231.9	188.7697038	176.3674791	Yes
4.068	280.6	144.6580519	147.8911856	Yes
3.441	286.5	147.0253234	156.6298057	Yes
2.8	297.5	156.1744239	158.7177157	Yes

9/13/2019	13:24	34.8	1.65
9/13/2019	13:25	34.96	1.516
9/13/2019	13:26	35.06	0.739
9/13/2019	13:27	35.07	1.178
9/13/2019	13:28	35.21	1.917
9/13/2019	13:29	35.25	1.411
9/13/2019	13:30	35.15	1.402
9/13/2019	13:31	35.35	1.523
9/13/2019	13:32	35.38	1.239
9/13/2019	13:33	35.26	1.199
9/13/2019	13:34	35.13	1.273
9/13/2019	13:35	35.26	0.839
9/13/2019	13:36	35.44	1.126
9/13/2019	13:37	35.43	1.176
9/13/2019	13:38	35.5	0.655
9/13/2019	13:39	35.49	1.29
9/13/2019	13:40	35.46	1.752
9/13/2019	13:41	35.31	1.922
9/13/2019	13:42	35.27	1.831
9/13/2019	13:43	35.17	1.73
9/13/2019	13:44	35.12	2.013
9/13/2019	13:45	35.02	1.956
9/13/2019	13:46	35.07	1.814
9/13/2019	13:47	35.18	2.255
9/13/2019	13:48	34.95	1.803
9/13/2019	13:49	35.07	1.494
9/13/2019	13:50	35.19	1.333
9/13/2019	13:51	35.68	1.036
9/13/2019	13:52	35.83	1.537
9/13/2019	13:53	35.55	1.687
9/13/2019	13:54	35.65	2.042
9/13/2019	13:55	35.53	2.158
9/13/2019	13:56	34.91	1.451
9/13/2019	13:57	34.29	1.354
9/13/2019	13:58	33.95	1.769
9/13/2019	13:59	33.76	1.577
9/13/2019	14:00	33.81	1.241
9/13/2019	14:01	34.26	1.103
9/13/2019	14:02	34.82	1.676
9/13/2019	14:03	35.09	1.427
9/13/2019	14:04	35.21	2.503
9/13/2019	14:05	35.2	1.378
9/13/2019	14:06	35.14	1.217
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9/13/2019	14:08	35.8	1.575
9/13/2019	14:09	35.7	1.437
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9/13/2019	14:11	35.76	1.407
9/13/2019	14:12	35.78	2.107
9/13/2019	14:13	35.41	1.993
9/13/2019	14:14	35.53	1.961

344.3	136.4937737	34.55	1.686
346.1	134.9918873	34.75	1.664
314.9	192.5757179	34.9	0.985
317.9	186.6616714	34.95	1.381
280	144.5069269	35.02	2.061
298.5	157.3584661	34.98	1.855
295.1	153.5922617	34.87	1.774
316.7	190.9470722	35.02	1.708
305.4	167.4881453	35.12	1.438
311.6	180.1392477	35.02	1.408
337.9	143.2953883	34.88	1.567
3.132	128.0580301	35.04	1.037
351.7	131.3306282	35.32	1.288
343.4	137.3085186	35.36	1.262
331.7	152.4689987	35.45	0.744
295.1	153.5922617	35.4	1.32
298.1	156.8769637	35.28	2.068
277.6	144.0630334	35.07	2.399
264	146.3632375	34.98	1.837
264.8	145.9959883	34.87	1.955
268.7	144.6317408	34.77	2.277
285	146.2685776	34.69	2.013
288.3	148.0785655	34.76	2.202
281	144.7678047	34.89	2.305
260.1	148.5988232	34.68	2.131
257.6	150.439072	34.71	1.683
283.9	145.7817973	34.81	1.571
320.3	178.8700569	35.32	1.227
326.8	162.0137796	35.57	1.908
324	168.6037636	35.33	1.764
337	144.4543929	35.41	2.192
333.6	149.347741	35.33	2.234
321.2	176.1911131	34.73	1.654
324.3	167.8527808	34.13	1.605
344	136.7605319	33.8	2.188
327.6	160.2933984	33.61	1.762
327.9	159.6656133	33.61	1.626
325.9	164.0325631	34.06	1.407
331.2	153.3405134	34.66	1.664
342.7	137.9726212	34.99	1.592
276.9	143.9815923	35.09	2.489
289.6	148.9406289	35.03	1.791
285.5	146.5088075	34.94	1.465
313.9	192.5757179	35.23	1.392
330.6	154.4151969	35.63	1.979
340.8	139.914364	35.55	1.66
326.4	162.8998881	35.62	1.444
325.5	164.9592071	35.6	1.562
338.6	142.43085	35.65	2.28
324.7	166.8688935	35.25	2.301
324.5	167.3583715	35.3	2.264

320.2	179.1755005	33.82	1.72
323.1	170.9259926	33.98	1.918
300.7	160.201762	34.03	1.333
294.1	152.6196347	34.12	1.792
255.9	151.8834871	34.32	2.643
275.6	143.8875148	34.38	2.483
270	144.3305061	34.28	2.514
292.7	151.3553066	34.46	2.165
284.3	145.9522103	34.46	1.885
287.7	147.7095994	34.32	1.967
309.9	176.2761595	34.13	1.728
339.6	141.2500277	34.16	1.038
331.9	152.1263931	34.18	1.349
324	168.6037636	34.22	1.327
304.7	166.2895033	34.42	0.804
266.1	145.4633897	34.44	1.542
273.2	143.9085582	34.51	2.685
252.2	155.6067462	34.42	2.898
241.9	170.9610894	34.43	2.26
239.8	175.2003149	34.33	2.341
246.7	162.7870502	34.21	2.946
262.1	147.3585869	34.14	2.607
268.1	144.796372	34.2	2.78
257.5	150.5196185	34.36	2.834
236.9	181.8267455	34.13	2.404
238.3	178.509184	34.17	2.145
265	145.9089029	34.27	2.024
296.2	154.7313813	34.78	1.525
302.5	162.7870502	34.89	2.305
300.8	160.3391006	34.6	2.117
311.1	178.969176	34.64	2.457
305.1	166.9692794	34.53	2.468
301.3	161.0367221	34.01	2.086
300.6	160.0651457	33.53	2.024
317.6	187.7071962	33.27	2.442
300.1	159.3928048	33.13	2.24
300.8	160.3391006	33.18	2.236
301.4	161.1784514	33.59	1.654
307.9	172.1277015	34.15	2.076
322.1	173.6334397	34.36	1.572
253	154.7313813	34.49	2.926
260.6	148.2698482	34.51	2.472
258.5	149.7384694	34.46	1.855
294	152.5255981	34.77	1.453
302.4	162.6370044	35.01	2.249
313.3	192.5757179	34.84	2.025
304.2	165.4588142	34.93	1.851
307	170.3906689	34.88	1.66
315.9	192.5757179	34.89	2.491
301.3	161.0367221	34.53	2.566
295.9	154.4133891	34.63	2.718

313	192.5757179	33.25	2.031	307.3	170.9610894	32.75
319.2	182.3192244	33.39	2.101	315.8	192.5757179	32.89
308	172.3255294	33.42	1.201	299.1	158.1007946	32.97
291	149.967168	33.56	1.695	285.9	146.709616	33.25
253.6	154.1009172	33.83	2.586	245.2	165.1323684	33.53
272.2	143.9919054	33.88	2.471	267.4	145.0090396	33.42
267.5	144.9772949	33.79	2.279	262	147.415851	33.31
286.9	147.2455367	33.97	2.216	285.9	146.709616	33.51
281.4	144.8847909	33.87	1.874	274.9	143.8675721	33.33
285.7	146.6082498	33.7	1.885	280.6	144.6580519	33.21
310.4	177.3788901	33.49	1.935	305.4	167.4881453	33.01
335.6	146.3676144	33.46	1.211	333.2	149.9805289	32.99
330.1	155.335435	33.4	1.625	322.8	171.7238383	33.01
317.8	187.0083138	33.45	1.601	317.2	189.1277069	33.04
293.6	152.1552339	33.66	0.942	296.9	155.4951241	33.31
266.9	145.1746105	33.69	1.715	260	148.6661534	33.34
269.7	144.3933148	33.81	2.755	263.9	146.4112828	33.36
250.8	157.2370948	33.84	3.039	242.4	170.0150814	33.37
240.8	173.1267013	33.89	2.371	234.1	189.1957803	33.38
238.5	178.0537144	33.8	2.516	232	189.1277069	33.2
243.4	168.1922038	33.69	3.084	235.8	184.5997584	33.13
260.4	148.3999072	33.6	2.507	251.9	155.945431	33.07
264.7	146.0402375	33.67	2.837	258.7	149.5886665	33.21
257.2	150.7645356	33.83	2.919	250.7	157.3584661	33.33
236.4	183.0684457	33.59	2.609	231	185.6327901	33.05
238.3	178.509184	33.63	2.117	231.2	186.3168781	33.15
262.5	147.1344513	33.74	2.006	255.6	152.1552339	33.29
293.7	152.2469608	34.28	1.613	288	147.8918251	33.91
300	159.2604663	34.35	2.443	296.2	154.7313813	33.96
299.4	158.4811294	33.99	2.286	294.7	153.1961245	33.56
310	176.4945334	34.05	2.744	304.9	166.6276829	33.6
302.2	162.3392225	34.01	2.887	298.5	157.3584661	33.51
298.7	157.6032138	33.54	2.231	294.9	153.3930028	33.08
298.2	156.9963458	33.13	2.056	297.7	156.4059988	32.78
313.5	192.5757179	32.94	2.93	310.8	178.2808867	32.64
295	153.4923338	32.82	2.399	291.9	150.682349	32.51
299.5	158.6092822	32.85	2.179	294.3	152.8094541	32.56
296.9	155.4951241	33.23	1.79	297.6	156.2898875	32.93
305.1	166.9692794	33.74	2.251	300.8	160.3391006	33.41
316.7	190.9470722	33.91	2.112	314.2	192.5757179	33.5
257.9	150.2006904	34.05	3.051	246.2	163.5489495	33.68
258.8	149.5145601	34.08	2.388	251.6	156.2898875	33.65
258.8	149.5145601	34.05	1.945	249.5	158.8676643	33.61
288.1	147.9535689	34.36	1.732	283.1	145.4633897	33.97
302.1	162.1914802	34.52	2.567	297.2	155.8318976	34.03
310.7	178.0537144	34.3	2.178	309.3	174.9883145	33.83
303.8	164.8092124	34.44	1.896	298.7	157.6032138	34.02
303.8	164.8092124	34.38	1.965	299.6	158.7381263	33.89
312.1	192.5757179	34.37	2.967	305.1	166.9692794	33.87
298.6	157.480505	34.06	2.822	293.7	152.2469608	33.57
292.2	150.9305587	34.13	3.126	286.8	147.1897488	33.63

2.153	313.6	192.5757179	174.3563599	Yes
2.509	323.1	170.9259926	170.347763	Yes
1.422	313.8	192.5757179	175.1559044	Yes
2.069	286.9	147.2455367	156.6407254	Yes
3.331	252.6	155.1640479	154.1575495	Yes
3.261	271.2	144.1192747	146.8732401	Yes
3.152	268	144.8253918	147.0282611	Yes
2.994	291.1	150.0444711	157.2604005	Yes
2.386	279.7	144.4374183	149.3260274	Yes
2.392	285.2	146.3632375	153.0956773	Yes
2.262	313.2	192.5757179	171.4028602	Yes
1.281	340	140.7951122	141.2902626	Yes
1.708	325.2	165.6664139	155.2365417	Yes
1.663	318.8	183.6236488	173.1343903	Yes
0.975	300.5	159.929249	157.2676218	Yes
2.225	268.8	144.6058796	147.500459	Yes
3.718	267.5	144.9772949	147.3134829	Yes
3.749	250.4	157.7265948	156.9297101	Yes
3.092	243	168.9104738	169.7114565	Yes
2.884	242.2	170.3906689	171.7536787	Yes
3.869	243.9	167.3143222	165.5050151	Yes
3.35	261.5	147.7095994	149.1364204	Yes
3.547	263.5	146.6082498	147.0224183	Yes
3.727	259.1	149.2954063	150.5411662	Yes
3.147	238.3	178.509184	175.5271977	Yes
2.651	239.2	176.4945334	174.0537703	Yes
2.543	262.5	147.1344513	147.6229673	Yes
1.974	288.4	148.1418203	156.3764089	Yes
2.893	301.6	161.4641376	160.051363	Yes
2.736	299.7	158.8676643	159.8975565	Yes
3.177	310.6	177.8276612	168.8746893	Yes
3.347	301.5	161.3209223	159.4671262	Yes
2.724	301	160.6159553	161.7680014	Yes
2.585	302.4	162.6370044	160.7914551	Yes
3.268	315.2	192.5757179	177.5800101	Yes
3.059	296.7	155.273777	155.8269326	Yes
2.731	301.3	161.0367221	158.4920345	Yes
2.141	302.8	163.2418433	160.0475739	Yes
2.786	305.8	168.1922038	164.1937597	Yes
2.231	321.1	176.4826621	174.3223026	Yes
3.701	255.7	152.0640803	152.9053388	Yes
3.263	259	149.3679312	150.4765712	Yes
2.585	256.8	151.0987909	151.1456584	Yes
2.007	283.5	145.6188708	156.8274291	Yes
3.143	302.1	162.1914802	159.4534119	Yes
2.685	311.9	192.5757179	175.6215657	Yes
2.36	306.3	169.0922914	163.972684	Yes
2.324	306.4	169.2750169	165.6344463	Yes
3.465	311.9	192.5757179	177.4254566	Yes
3.428	298.4	157.2370948	158.9740352	Yes
3.784	290.4	149.5145601	153.8813256	Yes

9/13/2019	14:15	35.53	1.637
9/13/2019	14:16	35.53	1.735
9/13/2019	14:17	35.44	1.697
9/13/2019	14:18	35.73	2.063
9/13/2019	14:19	35.78	1.048
9/13/2019	14:20	35.66	0.827
9/13/2019	14:21	35.41	1.382
9/13/2019	14:22	35.46	1.063
9/13/2019	14:23	35.55	1.099
9/13/2019	14:24	35.85	1.384
9/13/2019	14:25	35.75	1.552
9/13/2019	14:26	35.72	2.032
9/13/2019	14:27	35.7	1.6
9/13/2019	14:28	35.68	1.218
9/13/2019	14:29	35.82	1.336
9/13/2019	14:30	35.75	1.233
9/13/2019	14:31	35.68	0.764
9/13/2019	14:32	35.3	1.165
9/13/2019	14:33	35.29	1.279
9/13/2019	14:34	35.12	1.37
9/13/2019	14:35	34.72	1.287
9/13/2019	14:36	34.26	1.401
9/13/2019	14:37	33.97	1.427
9/13/2019	14:38	33.96	1.449
9/13/2019	14:39	34.21	1.618
9/13/2019	14:40	34.39	1.926
9/13/2019	14:41	34.46	1.323
9/13/2019	14:42	34.33	1.391
9/13/2019	14:43	34.53	1.646
9/13/2019	14:44	34.78	1.318
9/13/2019	14:45	34.96	0.672
9/13/2019	14:46	35.2	1.084
9/13/2019	14:47	35.34	1.145
9/13/2019	14:48	35.51	1.585
9/13/2019	14:49	35.53	1.281
9/13/2019	14:50	35.68	1.023
9/13/2019	14:51	35.81	1.088
9/13/2019	14:52	36.02	1.601
9/13/2019	14:53	36	1.492
9/13/2019	14:54	35.89	1.536
9/13/2019	14:55	35.8	1.484
9/13/2019	14:56	35.74	1.734
9/13/2019	14:57	35.78	1.754
9/13/2019	14:58	35.88	1.629
9/13/2019	14:59	35.4	1.678
9/13/2019	15:00	35.13	1.428
9/13/2019	15:01	35.04	1.132
9/13/2019	15:02	35.06	1.19
9/13/2019	15:03	35.34	1.588
9/13/2019	15:04	35.4	1.287
9/13/2019	15:05	35	0.711

319.3	181.9973899	35.29	2.107
286.1	146.8129126	35.3	2.036
312	192.5757179	35.21	1.875
321	176.7757169	35.49	2.241
312.9	192.5757179	35.54	1.239
325.4	165.1937679	35.49	0.968
289.5	148.8712346	35.25	1.529
302.9	163.3950032	35.26	1.437
299.1	158.1007946	35.27	1.475
288.1	147.9535689	35.57	1.533
288.9	148.4657012	35.5	1.814
279.1	144.310461	35.48	2.16
280.6	144.6580519	35.47	1.827
282.8	145.3516416	35.44	1.37
288.6	148.2698482	35.62	1.526
278.7	144.234728	35.57	1.375
294.3	152.8094541	35.52	0.89
301.3	161.0367221	35.19	1.17
295.7	154.2044642	35.14	1.574
282.5	145.2440439	34.96	1.557
297.4	156.0596058	34.54	1.713
301.6	161.4641376	34.11	1.943
274.1	143.8710782	33.8	1.758
271.2	144.1192747	33.75	1.657
285.6	146.5582885	34.03	2.006
282.8	145.3516416	34.22	1.917
285.1	146.3156694	34.31	1.529
305.3	167.3143222	34.18	1.648
344.1	136.6710803	34.38	1.784
341.2	139.4882645	34.67	1.506
326.7	162.2336611	34.87	0.933
321.6	175.0397923	35.2	1.31
299.9	159.1288318	35.31	1.41
293.1	151.7051686	35.46	1.761
330.7	154.2338617	35.43	1.477
284.7	146.1301527	35.57	1.21
290	149.2234061	35.7	1.2
267.1	145.1070106	35.91	1.857
279.5	144.3933148	35.86	1.583
277.8	144.0902707	35.74	1.657
261.2	147.8918251	35.61	1.627
271.6	144.0630334	35.51	1.897
338.4	142.6746234	35.59	1.953
304.1	165.2951784	35.69	2.029
347.5	133.9369487	35.28	1.892
323.4	170.1401693	35	1.685
303.7	164.6488595	34.91	1.536
318.2	185.6327901	34.94	1.478
336.7	144.8528837	35.23	1.841
316.9	190.2134023	35.3	1.567
322.3	173.0808789	34.96	0.911

298.5	157.3584661	34.58	2.565
269	144.5555056	34.56	2.713
283.6	145.6589028	34.54	2.237
292.2	150.9305587	34.84	2.552
287.8	147.7698413	34.83	1.57
289.1	148.5988232	34.76	1.342
262.5	147.1344513	34.61	1.724
274.6	143.8656	34.72	1.908
279.3	144.3509966	34.72	2.01
265	145.9089029	34.95	1.845
267.7	144.915171	34.87	2.38
258.8	149.5145601	34.87	2.689
254.7	153.0016129	34.88	2.158
263	146.8652868	34.86	1.718
268.8	144.6058796	34.99	2.009
257.6	150.439072	34.88	1.916
276.4	143.936624	34.8	1.145
276.9	143.9815923	34.5	1.393
272	144.0138522	34.46	1.75
258.1	150.0444711	34.32	2.061
279.7	144.4374183	33.99	2.174
278.3	144.1660972	33.58	2.581
252.8	154.9464686	33.36	2.186
248.9	159.6596036	33.41	2.011
258.2	149.967168	33.66	2.653
263	146.8652868	33.84	2.553
261.8	147.531862	33.88	2.038
283.1	145.4633897	33.77	1.999
319.1	182.6427564	33.96	1.767
313.8	192.5757179	34.06	1.811
306.1	168.7295603	34.22	1.062
296.2	154.7313813	34.47	1.617
280.1	144.530992	34.52	1.771
274	143.8734887	34.73	2.192
306.9	170.2024087	34.7	1.641
265.9	145.540202	34.79	1.399
270.7	144.1995259	34.96	1.399
238.4	178.2808867	35.22	2.041
250.6	157.480505	35.21	1.771
252.2	155.6067462	35.06	1.912
235.1	186.4450707	34.96	1.751
247.1	162.1914802	34.83	2.067
311.6	180.1392477	34.88	2.135
285.3	146.4112828	34.95	2.487
322	173.9118416	34.44	2.06
296.8	155.3841351	34.22	1.826
280	144.5069269	34.21	1.889
290.3	149.4409821	34.24	1.728
318.4	184.9559525	34.54	2.008
295.6	154.1009172	34.49	1.741
296.7	155.273777	34.17	1.242

296.1	154.6247674	34.02	2.834	291.4	150.2796092	33.52
271.8	144.0375611	33.97	2.778	261	148.0158154	33.49
281.3	144.8548646	33.98	2.435	277.1	144.0026586	33.52
289.1	148.5988232	34.35	2.923	285.7	146.6082498	33.87
284.6	146.0849588	34.32	1.576	278.3	144.1660972	33.76
289.8	149.0809751	34.2	1.34	282.8	145.3516416	33.68
259	149.3679312	34.08	1.893	253.6	154.1009172	33.67
271.6	144.0630334	34.25	1.888	264.2	146.2685776	33.87
276.1	143.914916	34.24	2.067	272.7	143.9447385	33.86
266.4	145.3516416	34.43	1.898	261.4	147.7698413	34
264.7	146.0402375	34.36	2.338	260.1	148.5988232	33.96
256.9	151.0143979	34.33	2.894	251.2	156.7582401	33.9
254.5	153.1961245	34.33	2.32	248.8	159.7940691	33.83
263.1	146.8129126	34.3	1.781	254.5	153.1961245	33.79
265	145.9089029	34.44	1.982	258.3	149.8904009	33.99
259.9	148.733998	34.29	1.935	252.2	155.6067462	33.73
272.8	143.936624	34.21	1.143	268.1	144.796372	33.73
275.5	143.8833505	33.95	1.504	268.5	144.6848135	33.55
270.3	144.2717056	33.93	1.887	260.5	148.3346233	33.55
252.7	155.0549457	33.85	2.034	247.1	162.1914802	33.44
279	144.2908609	33.55	2.189	273.1	143.914916	33.17
276.1	143.914916	33.2	2.645	270.9	144.1660972	32.84
248.7	159.929249	33.04	2.213	238.5	178.0537144	32.76
248.5	160.201762	33.11	2.146	240.9	172.92492	32.83
255.9	151.8834871	33.33	2.719	247.3	161.8982783	33.01
260.3	148.4657012	33.47	2.47	253.8	153.8956445	33.14
259.9	148.733998	33.51	1.947	254.2	153.4923338	33.2
281.9	145.0412401	33.43	2.035	276.6	143.9532925	33.11
314.1	192.5757179	33.6	2.279	312.8	192.5757179	33.33
310	176.4945334	33.63	2.014	303.8	164.8092124	33.27
303.6	164.489319	33.77	1.136	298.8	157.7265948	33.47
300.5	159.929249	34.02	1.658	295.2	153.6927882	33.71
281.3	144.8548646	34.04	1.855	274.1	143.8710782	33.72
274.7	143.8658191	34.23	2.234	271	144.1500472	33.81
303.2	163.8592137	34.2	1.968	300.7	160.201762	33.75
264.2	146.2685776	34.23	1.468	260.1	148.5988232	33.76
269.7	144.3933148	34.43	1.452	265.2	145.823697	34.04
239.3	176.2761595	34.73	2.352	231.1	185.9739218	34.29
249	159.5258496	34.72	1.967	240.3	174.1507045	34.25
249.1	159.3928048	34.58	2.109	241.9	170.9610894	34.06
232	189.1277069	34.43	1.986	228.9	178.8700569	33.73
248.9	159.6596036	34.28	2.369	244	167.1413681	33.67
307.2	170.7700049	34.37	2.552	303	163.5489495	33.87
286.6	147.0796431	34.47	2.575	281.4	144.8847909	34
317.9	186.6616714	33.98	2.467	313.4	192.5757179	33.52
296.7	155.273777	33.79	2.08	290.3	149.4409821	33.41
280	144.5069269	33.81	2.028	273.6	143.8875148	33.47
289.7	149.010542	33.81	1.889	284.1	145.8660653	33.49
314.5	192.5757179	34.12	2.385	309.2	174.7773583	33.73
297.3	155.945431	34.09	1.947	292.3	151.0143979	33.69
298.8	157.7265948	33.73	1.242	294.6	153.0985737	33.37

3.489	297.7	156.4059988	160.1332463	Yes
3.674	268.2	144.7678047	145.6379199	Yes
2.932	282.8	145.3516416	154.4887571	Yes
3.592	289.3	148.733998	154.3294693	Yes
2.126	282.7	145.3153153	155.1823861	Yes
1.684	298.6	157.480505	153.1411426	Yes
2.253	262.8	146.9714914	149.2892051	Yes
2.566	269.5	144.4374183	148.4059265	Yes
2.883	280.8	144.7120259	147.0046943	Yes
2.594	268	144.8253918	146.3618693	Yes
3.119	269.2	144.5069269	146.505372	Yes
3.657	260	148.6661534	150.0527625	Yes
2.936	257.3	150.682349	152.2664415	Yes
2.468	262.7	147.0253234	147.8502578	Yes
2.603	263.1	146.8129126	147.0975888	Yes
2.53	261.2	147.8918251	149.3812738	Yes
1.481	276.5	143.9447385	145.8847625	Yes
1.914	278.9	144.2717056	147.5716368	Yes
2.314	266.6	145.2794496	147.220819	Yes
2.601	254.9	152.8094541	153.068879	Yes
3.108	278.6	144.2169051	146.5839412	Yes
3.314	276.5	143.9447385	147.5311973	Yes
2.676	248.2	160.6159553	159.4832931	Yes
2.723	252.4	155.3841351	158.4579391	Yes
3.519	254.9	152.8094541	152.6233352	Yes
3.242	260	148.6661534	148.6488855	Yes
2.692	262.6	147.0796431	148.6307013	Yes
2.683	282	145.0738969	149.3692283	Yes
2.534	315.5	192.5757179	179.4081981	Yes
2.429	310	176.4945334	169.9724523	Yes
1.325	302.8	163.2418433	163.2841957	Yes
2.082	303.5	164.3305874	161.5447596	Yes
2.331	283.2	145.5015641	147.5774662	Yes
2.968	282.2	145.1405816	145.747021	Yes
2.366	306.5	169.4586546	163.5911802	Yes
1.857	268.9	144.580468	146.2236447	Yes
1.933	269.8	144.3719327	145.6023753	Yes
2.678	239.5	175.8426324	172.2961222	Yes
2.305	250.6	157.480505	158.6061758	Yes
2.61	248	160.8957315	158.1893285	Yes
2.453	236.6	182.5680669	176.9805453	Yes
2.664	255.7	152.0640803	157.0239131	Yes
3.011	306	168.5495467	165.1364745	Yes
3.316	288.9	148.4657012	150.4273193	Yes
2.742	314.9	192.5757179	175.9323795	Yes
2.383	294.8	153.294267	156.7066661	Yes
2.521	279.5	144.3933148	148.3887086	Yes
2.277	291.7	150.5196185	156.0939996	Yes
2.625	314	192.5757179	177.947526	Yes
2.224	299	157.9753829	161.8499063	Yes
1.509	302.4	162.6370044	160.3633658	Yes

9/13/2019	15:06	34.68	0.906
9/13/2019	15:07	34.36	0.986
9/13/2019	15:08	34.1	1.532
9/13/2019	15:09	33.97	1.341
9/13/2019	15:10	34.33	1.512
9/13/2019	15:11	34.74	1.347
9/13/2019	15:12	34.9	1.021
9/13/2019	15:13	34.81	0.995
9/13/2019	15:14	34.56	0.937
9/13/2019	15:15	34.53	0.941
9/13/2019	15:16	34.8	1.298
9/13/2019	15:17	34.95	1.204
9/13/2019	15:18	35.21	1.271
9/13/2019	15:19	35.41	1.488
9/13/2019	15:20	35.54	1.458
9/13/2019	15:21	35.69	1.725
9/13/2019	15:22	35.42	1.134
9/13/2019	15:23	35.38	1.233
9/13/2019	15:24	35.3	0.892
9/13/2019	15:25	35.3	0.848
9/13/2019	15:26	35.47	0.887
9/13/2019	15:27	35.7	0.872
9/13/2019	15:28	36.05	1.177
9/13/2019	15:29	36.2	0.987
9/13/2019	15:30	36.28	1.042
9/13/2019	15:31	36	0.954
9/13/2019	15:32	35.72	1.397
9/13/2019	15:33	35.74	0.625
9/13/2019	15:34	36.05	0.411
9/13/2019	15:35	36.08	0.672
9/13/2019	15:36	35.82	1.34
9/13/2019	15:37	35.48	1.356
9/13/2019	15:38	35.25	1.842
9/13/2019	15:39	35.24	1.549
9/13/2019	15:40	35.35	1.934
9/13/2019	15:41	35.52	1.474
9/13/2019	15:42	35.78	1.206
9/13/2019	15:43	35.72	1.713
9/13/2019	15:44	35.39	1.546
9/13/2019	15:45	35.3	1.387
9/13/2019	15:46	35.47	1.374
9/13/2019	15:47	35.63	1.472
9/13/2019	15:48	35.78	1.225
9/13/2019	15:49	35.94	1.324
9/13/2019	15:50	36.04	1.767
9/13/2019	15:51	35.98	1.462
9/13/2019	15:52	35.98	1.581
9/13/2019	15:53	35.96	1.668
9/13/2019	15:54	36.01	1.772
9/13/2019	15:55	35.86	2.417
9/13/2019	15:56	34.99	2.584

313.3	192.5757179	34.64	1.146
316	192.5757179	34.3	1.246
328.4	158.6397721	34.02	1.789
329.8	155.8985853	33.85	1.639
311.4	179.6677453	34.16	1.732
326.5	162.6767095	34.59	1.568
312.4	192.5757179	34.8	1.358
332	151.9563603	34.78	1.205
325.7	164.4935779	34.55	1.004
348.4	133.3092177	34.44	1.066
326.1	163.5761126	34.73	1.58
307.5	171.3461128	34.93	1.446
340	140.7951122	35.21	1.433
309.5	175.4133646	35.43	1.701
323	171.1905949	35.51	1.733
312	192.5757179	35.65	1.815
311	178.7386118	35.37	1.378
316.5	191.6887683	35.34	1.477
299.9	159.1288318	35.25	1.002
328	159.4584123	35.3	0.993
354.8	129.9116845	35.48	1.015
328.3	158.8429179	35.71	0.944
353	130.6852129	36.11	1.352
346.5	134.6805694	36.34	1.186
334.6	147.8201441	36.53	1.293
316.6	191.31691	36.24	1.167
315.2	192.5757179	35.87	1.467
354.5	130.0310681	35.81	0.69
293.6	152.1552339	36.19	0.501
317.5	188.0594614	36.23	0.845
313.7	192.5757179	35.94	1.621
330.8	154.0534207	35.51	1.617
345.3	135.6387698	35.24	2.165
332.5	151.1187431	35.16	1.687
355.7	129.5761138	35.28	2.289
3.38	128.0450262	35.48	1.643
34.21	147.2449021	35.73	1.541
23.03	134.9368278	35.6	1.912
10.53	128.7047171	35.3	1.727
15.15	130.2172573	35.18	1.659
10.3	128.6521114	35.41	1.468
353.7	130.3680067	35.67	1.629
348.3	133.3770516	35.84	1.394
330.6	154.4151969	36.02	1.557
330.4	154.7805667	36.08	2.226
317.8	187.0083138	35.95	1.791
325	166.1438025	35.9	1.849
321.8	174.472931	35.89	1.818
317.3	188.7697038	35.87	1.996
331.8	152.2972712	35.75	2.516
329.2	157.0502204	34.94	2.739

289.4	148.802358	33.91	1.473
289	148.5320061	33.72	1.508
307.2	170.7700049	33.5	1.984
304	165.1323684	33.39	1.866
291.3	150.2006904	33.72	2.117
298.4	157.2370948	34.04	1.899
292.8	151.441929	34.13	1.651
308.4	173.1267013	34.07	1.447
302	162.0444998	33.89	1.117
325.7	164.4935779	33.78	1.14
296.3	154.8386144	34.06	1.917
286.9	147.2455367	34.24	1.888
311.9	192.5757179	34.5	1.563
284.9	146.2219614	34.71	2.105
298.4	157.2370948	34.82	2.053
290.9	149.8904009	34.92	2.11
286.7	147.1344513	34.61	1.558
295.9	154.4133891	34.54	1.66
274.3	143.8675721	34.42	1.146
306.2	168.9104738	34.46	1.158
327	161.577273	34.51	1.045
306.3	169.0922914	34.7	1.019
334.3	148.2703958	34.98	1.331
331.5	152.8150171	34.98	1.14
308.2	172.724134	35.19	1.328
294.7	153.1961245	34.98	1.435
296.2	154.7313813	34.76	1.652
321.4	175.6124958	34.76	0.641
282.8	145.3516416	35.15	0.722
291.1	150.0444711	35.25	0.957
292	150.7645356	34.99	1.966
310.3	177.156161	34.7	1.743
318.4	184.9559525	34.27	2.433
308.5	173.3294827	34.34	2.122
332.9	150.4634796	34.43	2.529
345.4	135.5561236	34.46	2.052
11.75	129.0192931	34.59	1.978
3.308	128.0485541	34.47	1.955
344.5	136.3185854	34.16	1.911
351.3	131.5441627	34.09	1.874
345.5	135.4739906	34.31	1.681
326.2	163.3495837	34.51	1.886
326.2	163.3495837	34.74	1.439
306.6	169.6432085	35.02	1.709
307.1	170.5798662	35.07	2.575
295.8	154.3086209	35.09	2.127
301.2	160.8957315	35.12	2.257
299.1	158.1007946	35.11	1.917
300.1	159.3928048	35.06	2.179
307.2	170.7700049	34.9	2.553
306.8	170.0150814	34.16	3.147

290.6	149.6633025	33.53	1.404	285	146.2685776	33.23
283	145.4256783	33.39	1.45	278.3	144.1660972	33.12
304	165.1323684	33.22	2.246	301.8	161.7528127	32.96
300.7	160.201762	33.11	2.165	298	156.7582401	32.85
287	147.3018158	33.37	2.25	282	145.0738969	33.06
298.4	157.2370948	33.63	2.062	293.5	152.0640803	33.23
293.7	152.2469608	33.68	1.696	289	148.5320061	33.28
304.2	165.4588142	33.64	1.536	301.1	160.7554768	33.28
299.5	158.6092822	33.49	1.298	295.8	154.3086209	33.16
326.9	161.7949854	33.36	1.333	315.4	192.5757179	33.09
296.8	155.3841351	33.63	2.093	291.7	150.5196185	33.36
284.6	146.0849588	33.79	2.005	280.6	144.6580519	33.44
307.4	171.1531239	34	1.896	303.6	164.489319	33.64
283.5	145.6188708	34.21	2.301	276.3	143.9289489	33.87
299.1	158.1007946	34.33	2.359	294.8	153.294267	33.95
287.6	147.6498563	34.43	2.323	282.9	145.3884291	33.99
288.4	148.1418203	34.09	1.72	283.5	145.6188708	33.62
297	155.6067462	34.02	1.899	290.8	149.8141685	33.59
272.1	144.0026586	33.88	1.314	266.4	145.3516416	33.44
306.1	168.7295603	33.94	1.283	299.9	159.1288318	33.57
323.9	168.856618	34.02	1.318	317.3	188.7697038	33.68
307.4	171.1531239	34.16	1.211	299.7	158.8676643	33.8
329.8	155.8985853	34.4	1.671	328	159.4584123	33.98
336.3	145.3938588	34.37	1.43	328.4	158.6397721	34.03
301.4	161.1784514	34.57	1.519	305.9	168.3704292	34.27
291.5	150.3590693	34.42	1.529	288.2	148.0158154	34.08
290.1	149.2954063	34.18	1.835	288.2	148.0158154	33.77
313.6	192.5757179	34.17	0.851	308.7	173.7380647	33.81
278.7	144.234728	34.63	0.568	280.8	144.7120259	34.31
284.3	145.9522103	34.77	0.994	279.9	144.4833098	34.4
288.1	147.9535689	34.55	2.1	284.6	146.0849588	34.18
309.2	174.7773583	34.25	2.096	303.4	164.1726616	33.87
316.1	192.5757179	33.81	2.808	309.5	175.4133646	33.43
308.9	174.1507045	33.9	2.217	301.9	161.8982783	33.55
331.5	152.8150171	33.99	2.957	323.7	169.3661605	33.6
347.5	133.9369487	33.93	2.173	339.2	141.7148217	33.55
9.66	128.5168452	33.99	2.07	2.257	128.1231115	33.63
4.591	128.0160016	33.79	2.523	356.2	129.4042052	33.56
344.7	136.145503	33.54	2.221	341.3	139.3832047	33.33
350.6	131.9350344	33.47	2.193	343.2	137.4955162	33.24
347.1	134.2285045	33.68	1.932	338	143.1699306	33.46
326.7	162.2336611	33.89	2.145	322.5	172.5339195	33.58
320.8	177.3663815	34.18	1.678	318.1	185.9739218	33.87
305.8	168.1922038	34.46	1.945	298.9	157.8506504	34.15
306.5	169.4586546	34.53	2.967	300.9	160.4771641	34.15
291.6	150.439072	34.6	2.304	283.9	145.7817973	34.3
299.8	158.9978987	34.65	2.429	293.9	152.4321413	34.33
297.2	155.8318976	34.63	2.403	292.9	151.5291125	34.28
299.2	158.226888	34.53	2.54	293.4	151.9734986	34.12
304.1	165.2951784	34.38	3.108	297.4	156.0596058	33.95
307.7	171.7349716	33.71	3.518	301.3	161.0367221	33.35

1.889	292.9	151.5291125	157.7678137	Yes
2.206	285.4	146.4598058	155.431861	Yes
2.684	305.6	167.8384137	164.8266743	Yes
2.627	302	162.0444998	160.0070911	Yes
2.995	289.1	148.5988232	154.1685943	Yes
2.521	299.8	158.9978987	157.6425756	Yes
2.116	294.3	152.8094541	159.5212136	Yes
1.837	304.1	165.2951784	163.3185062	Yes
1.576	300.9	160.4771641	159.986629	Yes
1.461	319.6	181.0419634	166.6430925	Yes
2.653	298.1	156.8769637	156.2390889	Yes
2.747	287.8	147.7698413	151.4209003	Yes
2.13	312.8	192.5757179	172.3177982	Yes
3.093	281.5	144.915171	151.2196633	Yes
2.939	301.5	161.3209223	160.2287347	Yes
2.913	288.9	148.4657012	156.7940211	Yes
2.137	290	149.2234061	153.771432	Yes
2.211	297.4	156.0596058	161.5165356	Yes
1.489	276.1	143.914916	147.253124	Yes
1.474	308.1	172.5243387	165.7503234	Yes
1.452	322	173.9118416	164.6054242	Yes
1.387	310.7	178.0537144	167.2019424	Yes
1.696	335	147.2303008	148.3085814	Yes
1.429	335	147.2303008	147.7519036	Yes
1.606	308.1	172.5243387	164.5234995	Yes
1.837	294.6	153.0985737	159.1972986	Yes
2.195	296.2	154.7313813	159.8699404	Yes
0.941	304.4	165.7885774	167.5491848	Yes
0.828	272.6	143.9532925	146.0813844	Yes
1.233	283.5	145.6188708	154.8316647	Yes
2.688	289.5	148.8712346	157.2500032	Yes
2.527	309.2	174.7773583	168.9873919	Yes
3.18	313.9	192.5757179	176.2319045	Yes
2.865	309.7	175.8426324	167.2679682	Yes
3.33	331.6	152.6415793	150.9724701	Yes
2.626	348	133.5834127	134.5672666	Yes
2.385	9.99	128.5845527	132.2977409	Yes
2.55	3.174	128.0556589	129.6922495	Yes
2.636	347.7	133.7940871	134.8692195	Yes
2.492	352.7	130.8276183	132.4039178	Yes
2.168	343	137.6847037	135.8418481	Yes
2.524	330.6	154.4151969	156.5800736	Yes
1.808	320.7	177.6640101	167.5461898	Yes
2.277	305	166.7980522	163.3798624	Yes
3.29	304.1	165.2951784	164.118286	Yes
2.755	289	148.5320061	157.213962	Yes
2.94	300.3	159.6596036	159.6258355	Yes
2.676	298.6	157.480505	159.4830481	Yes
3.168	300.4	159.7940691	163.6313929	Yes
3.651	302.5	162.7870502	161.4418221	Yes
4.144	306.1	168.7295603	165.7133112	Yes

9/13/2019	15:57	34.41	1.908
9/13/2019	15:58	34.18	1.961
9/13/2019	15:59	34.22	1.343
9/13/2019	16:00	34.6	1.363
9/13/2019	16:01	34.92	1.36
9/13/2019	16:02	35.26	1.167
9/13/2019	16:03	35.62	0.958
9/13/2019	16:04	35.91	0.922
9/13/2019	16:05	36.02	1.764
9/13/2019	16:06	35.89	1.407
9/13/2019	16:07	36.02	2.159
9/13/2019	16:08	35.76	1.869
9/13/2019	16:09	35.71	1.229
9/13/2019	16:10	35.81	0.957
9/13/2019	16:11	36.15	1.437
9/13/2019	16:12	35.79	1.934
9/13/2019	16:13	35.29	1.567
9/13/2019	16:14	34.85	1.775
9/13/2019	16:15	34.8	1.646
9/13/2019	16:16	34.55	1.764
9/13/2019	16:17	34.31	2.113
9/13/2019	16:18	34	1.606
9/13/2019	16:19	34	1.752
9/13/2019	16:20	34.28	1.561
9/13/2019	16:21	34.58	1.6
9/13/2019	16:22	34.84	1.648
9/13/2019	16:23	35.06	1.965
9/13/2019	16:24	35.14	1.875
9/13/2019	16:25	35.07	1.96
9/13/2019	16:26	34.79	1.874
9/13/2019	16:27	34.7	1.848
9/13/2019	16:28	34.66	1.585
9/13/2019	16:29	34.53	1.629
9/13/2019	16:30	34.63	2.195
9/13/2019	16:31	34.49	2.102
9/13/2019	16:32	34.38	1.588
9/13/2019	16:33	34.4	1.842
9/13/2019	16:34	34.44	1.681
9/13/2019	16:35	34.54	1.842
9/13/2019	16:36	34.56	1.517
9/13/2019	16:37	34.48	1.604
9/13/2019	16:38	34.41	1.873
9/13/2019	16:39	34.2	1.934
9/13/2019	16:40	34.24	2.02
9/13/2019	16:41	34.18	1.627
9/13/2019	16:42	34.22	1.713
9/13/2019	16:43	34.13	2.432
9/13/2019	16:44	34.01	2.278
9/13/2019	16:45	33.9	2.474
9/13/2019	16:46	33.96	1.826
9/13/2019	16:47	34.07	1.453

328.2	159.0470698	34.29	2.226
334.2	148.4219956	34.02	2.456
335.4	146.6522652	34.07	1.668
338.1	143.0451277	34.45	1.595
332.8	150.6260744	34.82	1.772
356	129.4717308	35.15	1.525
0.354	128.3683253	35.57	1.143
353.7	130.3680067	35.95	1.092
333.7	149.1915112	36.08	1.996
352.2	131.0736496	35.93	1.608
357.9	128.8962779	36.03	2.364
355.1	129.7960751	35.76	2.259
341.9	138.7650022	35.71	1.399
3.611	128.0350737	35.82	1.081
10.02	128.5909231	36.12	1.751
345.6	135.3923691	35.81	2.146
339.7	141.1353782	35.3	1.891
328	159.4584123	34.78	2.066
332.3	151.4512959	34.69	2.079
330.4	154.7805667	34.45	1.961
336.6	144.9870876	34.18	2.159
329.4	156.6625457	33.86	2.164
319	182.967997	33.84	2.239
343.9	136.8505178	34.1	1.657
350.8	131.8211113	34.47	1.731
335.6	146.3676144	34.79	1.944
1.888	128.1595403	35.05	2.267
354.1	130.1961465	35.14	2.032
333.2	149.9805289	35.07	2.142
330	155.5222256	34.77	2.229
338.1	143.0451277	34.62	2.387
334.9	147.3766469	34.6	1.842
341.9	138.7650022	34.49	1.891
347.4	134.0091067	34.56	2.299
345.9	135.1505606	34.41	2.434
341.3	139.3832047	34.29	2.067
344.3	136.4937737	34.29	1.874
3.814	128.0280467	34.35	2.236
345	135.8898012	34.49	2.06
333.5	149.5047542	34.5	1.845
336.3	145.3938588	34.4	1.89
338	143.1699306	34.33	2.098
342.8	137.8760949	34.12	2.264
346.3	134.8352272	34.15	2.06
340.7	140.0223639	34.11	1.933
335.1	147.0846926	34.13	1.828
335.9	145.9460296	34.08	2.438
348.9	132.977145	33.96	2.674
353.9	130.2812262	33.84	2.472
359.8	128.4665503	33.9	2.026
330.8	154.0534207	34.03	1.715

304.3	165.6232794	33.67	2.635
309.9	176.2761595	33.49	2.635
308.8	173.943875	33.58	1.933
315.6	192.5757179	33.91	1.833
308.9	174.1507045	34.22	2.049
331.7	152.4689987	34.45	1.445
337.1	144.3229273	34.65	1.303
322.8	171.7238383	34.95	1.402
309.9	176.2761595	35.14	2.148
323.4	170.1401693	35.03	1.664
334.5	147.9694733	35.04	2.543
333.9	148.8813884	34.55	2.665
319	182.967997	34.49	1.433
338.9	142.0699862	34.71	1.439
347.6	133.8652759	34.94	2
324.5	167.3583715	34.5	2.4
317.8	187.0083138	34.11	2.19
306.2	168.9104738	33.89	2.325
307.8	171.9308504	33.97	2.289
306.5	169.4586546	33.72	2.115
314	192.5757179	33.5	2.217
304	165.1323684	33.24	2.619
296.7	155.273777	33.28	2.718
324.5	167.3583715	33.52	1.758
326.6	162.4546358	33.76	2.068
315	192.5757179	34.04	2.072
340.9	139.8069561	34.2	2.421
328.4	158.6397721	34.1	2.217
310.2	176.9345288	34.09	2.427
309.3	174.9883145	33.93	2.646
319.5	181.3587702	33.88	2.516
315.3	192.5757179	33.82	2.183
319.4	181.6772422	33.72	2.025
318.5	184.6202228	33.78	2.359
317.3	188.7697038	33.61	2.729
315.4	192.5757179	33.59	2.423
320.9	177.070287	33.62	2.41
338	143.1699306	33.56	2.307
323.9	168.856618	33.58	2.302
302.4	162.6370044	33.71	2.36
303.5	164.3305874	33.7	2.286
309	174.3585583	33.71	2.487
319.2	182.3192244	33.44	2.48
321.2	176.1911131	33.45	2.259
315.6	192.5757179	33.41	2.268
312.6	192.5757179	33.48	2.173
310.1	176.7139881	33.45	2.898
326.9	161.7949854	33.22	2.803
328.9	157.6389568	33.1	2.557
335.5	146.5095784	33.12	2.152
307.1	170.5798662	33.28	2.147

303.1	163.7036852	33.32	2.896	299.5	158.6092822	33.06
308.8	173.943875	33.18	3.086	303.8	164.8092124	32.95
306.2	168.9104738	33.3	2.184	303.2	163.8592137	33.06
316.1	192.5757179	33.6	2.097	307.7	171.7349716	33.37
309.8	176.0588609	33.88	2.342	304.1	165.2951784	33.62
332.4	151.2846063	34.06	1.852	325.8	164.2624968	33.79
335.9	145.9460296	34.16	1.461	329.6	156.2786798	33.83
314.7	192.5757179	34.44	1.409	314.9	192.5757179	34.17
307.1	170.5798662	34.64	2.542	303.1	163.7036852	34.3
319.1	182.6427564	34.52	1.874	315.5	192.5757179	34.13
330.1	155.335435	34.55	2.992	324.8	166.6259865	34.16
336.4	145.2575724	34	2.923	327.4	160.717127	33.51
321.3	175.9010607	33.9	1.634	313.4	192.5757179	33.48
336.4	145.2575724	34.08	1.442	334.7	147.6715655	33.71
344.4	136.4059155	34.19	2.28	338.9	142.0699862	33.9
325.1	165.9045121	33.88	2.762	318.4	184.9559525	33.53
317.6	187.7071962	33.56	2.495	310	176.4945334	33.24
307.1	170.5798662	33.41	2.76	299.8	158.9978987	33.13
308.5	173.3294827	33.56	2.791	302.1	162.1914802	33.28
306.5	169.4586546	33.32	2.683	300.9	160.4771641	32.99
315.1	192.5757179	33.1	2.813	309.5	175.4133646	32.79
302.4	162.6370044	32.89	2.879	298.3	157.1163888	32.62
298.1	156.8769637	32.94	2.922	294.2	152.7142528	32.69
325.2	165.6664139	33.16	2.114	319.4	181.6772422	32.91
331.1	153.51742	33.37	2.321	323.9	168.856618	33.15
315.2	192.5757179	33.65	2.57	308.6	173.5332689	33.37
337.2	144.1921397	33.75	2.889	332.1	151.7871691	33.4
328.7	158.0363201	33.6	2.673	320.5	178.2639076	33.26
312.1	192.5757179	33.6	2.804	303.5	164.3305874	33.25
311.7	192.5757179	33.48	2.935	304.9	166.6276829	33.13
321.2	176.1911131	33.47	3.014	313.9	192.5757179	33.14
317.8	187.0083138	33.4	2.52	311.5	179.9029136	33.09
318	186.3168781	33.31	2.333	315	192.5757179	33.02
320.3	178.8700569	33.38	2.97	312.9	192.5757179	33.09
316.9	190.2134023	33.18	3.183	310.4	177.3788901	32.87
314.2	192.5757179	33.2	2.826	308.5	173.3294827	32.89
319	182.967997	33.23	2.546	313.9	192.5757179	32.94
337	144.4543929	33.16	2.853	331.2	153.3405134	32.89
323.1	170.9259926	33.15	2.74	317.5	188.0594614	32.87
304.7	166.2895033	33.29	2.433	298.6	157.480505	33.03
304.3	165.6232794	33.31	2.603	297.6	156.2898875	33.04
309.6	175.6274687	33.34	2.664	304.7	166.2895033	33.08
320.9	177.070287	33.09	2.846	314.6	192.5757179	32.82
322.5	172.5339195	33.09	2.797	317.1	189.4876488	32.83
315.2	192.5757179	33.03	2.602	311.8	192.5757179	32.77
313.6	192.5757179	33.1	2.37	306.5	169.4586546	32.83
310.6	177.8276612	33.1	3.298	306.2	168.9104738	32.8
327.9	159.6656133	32.87	3.445	320.9	177.070287	32.59
328.6	158.2364782	32.74	3.241	321.1	176.4826621	32.46
332	151.9563603	32.75	2.624	327.6	160.2933984	32.51
308.3	172.92492	32.91	2.174	305.1	166.9692794	32.71

3.46	304.7	166.2895033	162.654564	Yes
3.343	307.9	172.1277015	167.1157888	Yes
2.678	305.5	167.6628412	164.2057338	Yes
2.422	311.7	192.5757179	178.5014506	Yes
2.727	310.2	176.9345288	168.6130694	Yes
1.907	329.5	156.470139	150.7915943	Yes
1.632	334	148.7274886	144.7286901	Yes
1.702	320.2	179.1755005	173.2837562	Yes
2.977	308.4	173.1267013	166.5755847	Yes
2.077	318.2	185.6327901	172.4130167	Yes
3.476	331.5	152.8150171	150.3284379	Yes
3.339	335	147.2303008	146.3764927	Yes
1.867	321.9	174.1916691	172.8802894	Yes
1.722	337	144.4543929	141.4977181	Yes
2.626	344.4	136.4059155	135.4676033	Yes
3.235	320.9	177.070287	166.1362984	Yes
3.041	315.7	192.5757179	176.9842279	Yes
3.267	304.7	166.2895033	164.8472309	Yes
3.043	305.8	168.1922038	165.4190626	Yes
3.315	307.6	171.5400605	165.1430201	Yes
3.13	312.9	192.5757179	179.6255212	Yes
3.56	303	163.5489495	161.0194514	Yes
3.299	303.5	164.3305874	162.4327156	Yes
2.284	322.9	171.4565408	164.6018172	Yes
2.572	330.1	155.335435	154.397044	Yes
2.967	309.7	175.8426324	176.1789903	Yes
3.317	338.4	142.6746234	141.3240857	Yes
3.079	325.3	165.4295013	158.1131295	Yes
3.324	308.8	173.943875	171.5530476	Yes
3.707	312.4	192.5757179	176.4579317	Yes
3.411	321.9	174.1916691	173.4724796	Yes
3.058	317.9	186.6616714	178.7050527	Yes
2.647	317.1	189.4876488	177.7644978	Yes
3.449	319.4	181.6772422	174.3504693	Yes
3.567	315.1	192.5757179	176.8176549	Yes
3.312	314.8	192.5757179	178.0879682	Yes
3.054	317	189.8495428	175.7914637	Yes
3.054	337.2	144.1921397	142.6370046	Yes
2.997	321.6	175.0397923	167.7543331	Yes
3.049	304.8	166.4581678	160.4739869	Yes
2.994	301.9	161.8982783	158.7071783	Yes
3.133	310.2	176.9345288	167.2759979	Yes
3.097	319.2	182.3192244	174.4321097	Yes
3.133	322.7	171.9924951	169.0080807	Yes
3.064	316.4	192.0626612	181.9624357	Yes
2.975	313.6	192.5757179	178.8541002	Yes
4.052	313.4	192.5757179	172.3947741	Yes
3.738	327.6	160.2933984	158.3602858	Yes
3.714	328.4	158.6397721	156.2558191	Yes
2.92	333.2	149.9805289	147.4412833	Yes
2.631	309.4	175.2003149	167.9455602	Yes

9/13/2019	16:48	34.03	1.822
9/13/2019	16:49	34.02	1.809
9/13/2019	16:50	34.01	1.657
9/13/2019	16:51	34.08	0.987
9/13/2019	16:52	34.12	1.63
9/13/2019	16:53	33.95	1.683
9/13/2019	16:54	33.83	1.583
9/13/2019	16:55	33.82	1.665
9/13/2019	16:56	33.77	1.691
9/13/2019	16:57	33.86	1.661
9/13/2019	16:58	33.68	1.522
9/13/2019	16:59	33.75	1.504
9/13/2019	17:00	33.63	2.34
9/13/2019	17:01	33.51	1.664
9/13/2019	17:02	33.57	1.423
9/13/2019	17:03	33.64	1.713
9/13/2019	17:04	33.66	1.915
9/13/2019	17:05	33.75	1.172
9/13/2019	17:06	33.97	1.515
9/13/2019	17:07	34.19	1.892
9/13/2019	17:08	34.11	1.587
9/13/2019	17:09	34.01	1.441
9/13/2019	17:10	33.8	1.808
9/13/2019	17:11	33.83	1.833
9/13/2019	17:12	33.72	1.376
9/13/2019	17:13	33.75	1.446
9/13/2019	17:14	33.7	1.108
9/13/2019	17:15	33.51	1.568
9/13/2019	17:16	33.33	1.457
9/13/2019	17:17	33.19	1.434
9/13/2019	17:18	33.11	1.413
9/13/2019	17:19	32.91	2.627
9/13/2019	17:20	32.85	1.822
9/13/2019	17:21	32.86	2.197
9/13/2019	17:22	32.88	1.662
9/13/2019	17:23	32.85	1.985
9/13/2019	17:24	32.89	1.498
9/13/2019	17:25	33.02	1.348
9/13/2019	17:26	33.08	1.819
9/13/2019	17:27	33.07	1.254
9/13/2019	17:28	33.09	1.552
9/13/2019	17:29	33.03	1.726
9/13/2019	17:30	32.97	1.836
9/13/2019	17:31	32.94	1.272
9/13/2019	17:32	33.04	1.144
9/13/2019	17:33	33.11	1.772
9/13/2019	17:34	33.06	1.572
9/13/2019	17:35	32.99	1.882
9/13/2019	17:36	32.92	1.927
9/13/2019	17:37	32.75	1.733
9/13/2019	17:38	32.6	1.73

351.8	131.2783518	34.03	2.218
358.2	128.8188092	34.01	1.947
349.6	132.5319155	34.02	1.851
348.8	133.042617	34.08	1.336
335.1	147.0846926	34.14	1.892
345.1	135.8056071	33.97	1.911
341.7	138.968767	33.83	1.788
326.7	162.2336611	33.8	1.861
341.9	138.7650022	33.72	1.671
335.2	146.9398193	33.81	1.979
341.7	138.968767	33.64	1.809
342.5	138.1673439	33.7	1.633
342.6	138.0697036	33.63	2.621
349	132.9121422	33.48	2.075
352.6	130.8759536	33.56	1.852
353.4	130.5013785	33.65	1.842
349.7	132.4701664	33.68	2.083
1.484	128.2055481	33.77	1.374
21.26	133.6252015	33.99	1.833
10.92	128.7987628	34.21	2.158
355.1	129.7960751	34.17	1.863
346.4	134.7576487	34.14	1.805
356.1	129.4377621	33.92	2.381
14.21	129.838028	33.87	2.154
356.8	129.2114853	33.78	1.64
353.1	130.6386087	33.83	1.655
357.6	128.9773778	33.78	1.669
336.9	144.586539	33.6	1.817
341.5	139.1748294	33.39	1.892
336.9	144.586539	33.23	1.802
335.6	146.3676144	33.15	1.57
327.4	160.717127	32.94	2.83
350.1	132.2277664	32.84	2.107
336.7	144.8528837	32.87	2.354
340.2	140.5713153	32.89	2.022
340.3	140.4603245	32.85	2.131
344.2	136.5821614	32.89	1.634
336.5	145.1219829	33.03	1.448
333.8	149.0360615	33.09	1.995
347.1	134.2285045	33.09	1.885
338.8	142.1896378	33.1	1.719
341.2	139.4882645	33.06	2.001
333.5	149.5047542	32.99	2.145
340.6	140.1309578	32.96	1.527
348.6	133.1749726	33.1	1.394
343.6	137.1236975	33.18	2.001
349.9	132.3480491	33.11	1.934
341.8	138.8665983	33.02	2.05
336.3	145.3938588	32.94	2.019
324.4	167.6049563	32.76	2.082
332.9	150.4634796	32.62	2.096

326.9	161.7949854	33.33	2.366
330.7	154.2338617	33.22	2.46
319.2	182.3192244	33.27	2.034
323.1	170.9259926	33.37	1.602
312.6	192.5757179	33.44	2.17
320.7	177.6640101	33.28	2.336
316.5	191.6887683	33.16	2.167
303	163.5489495	33.19	2.325
314.9	192.5757179	33.14	1.875
308.2	172.724134	33.21	2.217
311.5	179.9029136	33.03	2.108
314.5	192.5757179	33.11	1.702
314	192.5757179	33.02	2.877
326.2	163.3495837	32.88	2.344
327.3	160.9305691	32.92	2.017
327.1	161.3606366	33.01	2.039
330.3	154.96461	32.97	2.071
329.7	156.0881634	33.05	1.657
351.4	131.490113	33.24	1.894
346.6	134.6039881	33.37	1.9
337	144.4543929	33.24	2.365
323	171.1905949	33.15	2.183
331.7	152.4689987	33.07	2.702
348.5	133.2418584	33.05	2.405
333	150.3016928	32.98	1.736
329.5	156.470139	33.01	1.876
328.9	157.6389568	32.97	1.9
311	178.7386118	32.87	1.986
318.8	183.6236488	32.79	2.094
314.1	192.5757179	32.68	2.196
313.1	192.5757179	32.59	1.879
307.5	171.3461128	32.45	3.077
325.1	165.9045121	32.38	2.24
318.3	185.293471	32.36	2.53
322.1	173.6334397	32.37	2.178
319.7	180.726811	32.35	2.167
320	179.7911758	32.37	1.692
317	189.8495428	32.51	1.63
313.5	192.5757179	32.57	2.094
323.8	169.1107479	32.55	2.149
316.2	192.5757179	32.54	2.211
317.6	187.7071962	32.53	2.228
314.6	192.5757179	32.48	2.468
324.2	168.1018522	32.48	1.929
327.1	161.3606366	32.55	1.471
321	176.7757169	32.58	2.211
327.4	160.717127	32.52	2.207
318.3	185.293471	32.43	2.285
314.6	192.5757179	32.38	2.316
305	166.7980522	32.29	2.427
308	172.3255294	32.18	2.46

326.4	162.8998881	32.97	2.896	322.2	173.356455	32.73
328.9	157.6389568	32.82	2.689	323	171.1905949	32.56
321.2	176.1911131	32.86	2.42	317	189.8495428	32.64
323.8	169.1107479	32.98	1.707	323.4	170.1401693	32.78
315.4	192.5757179	33.08	2.322	308.9	174.1507045	32.9
321	176.7757169	32.93	2.674	317	189.8495428	32.73
316.3	192.4386028	32.81	2.385	311.5	179.9029136	32.61
303	163.5489495	32.85	2.479	299.3	158.3536654	32.67
312.1	192.5757179	32.8	2.236	309	174.3585583	32.6
307.4	171.1531239	32.86	2.596	303.5	164.3305874	32.62
311.5	179.9029136	32.67	2.466	306	168.5495467	32.44
312.3	192.5757179	32.77	2.113	307.6	171.5400605	32.57
311.9	192.5757179	32.71	3.403	309	174.3585583	32.5
326	163.8037704	32.57	2.651	321.6	175.0397923	32.4
325.9	164.0325631	32.62	2.354	324.1	168.3521774	32.46
323.6	169.6228634	32.69	2.483	320.3	178.8700569	32.51
329.1	157.2454979	32.63	2.778	323.3	170.4007875	32.43
329	157.4417417	32.7	1.803	325.4	165.1937679	32.52
344.6	136.2317817	32.86	2.314	340.7	140.0223639	32.7
344.5	136.3185854	32.92	2.595	338.2	142.9209771	32.75
336.1	145.6685335	32.79	2.604	331.2	153.3405134	32.61
325.3	165.4295013	32.73	2.267	320.1	179.4825368	32.59
330.4	154.7805667	32.7	3.13	327.2	161.1450705	32.56
347.7	133.7940871	32.63	2.965	340.4	140.3499361	32.52
330.1	155.335435	32.58	2.178	327.4	160.717127	32.46
322.5	172.5339195	32.62	2.188	321.1	176.4826621	32.5
325.5	164.9592071	32.6	2.145	323.3	170.4007875	32.46
310.2	176.9345288	32.52	2.309	307.7	171.7349716	32.38
313.9	192.5757179	32.48	2.402	312	192.5757179	32.37
309	174.3585583	32.4	2.274	307.7	171.7349716	32.29
308.1	172.5243387	32.33	2.166	306.1	168.7295603	32.2
304.2	165.4588142	32.2	3.596	302.4	162.6370044	32.08
320.5	178.2639076	32.15	2.72	319.2	182.3192244	32.04
314	192.5757179	32.13	2.995	312.1	192.5757179	32.02
317.2	189.1277069	32.14	2.717	316	192.5757179	32.05
313.2	192.5757179	32.13	2.662	312.9	192.5757179	32.04
313.9	192.5757179	32.14	2.127	313.7	192.5757179	32.05
307.3	170.9610894	32.26	1.883	307.6	171.5400605	32.17
309.7	175.8426324	32.31	2.498	308.1	172.5243387	32.22
317.2	189.1277069	32.31	2.398	316.3	192.4386028	32.21
310.4	177.3788901	32.28	2.234	309.6	175.6274687	32.18
310.3	177.156161	32.27	2.658	309.9	176.2761595	32.18
307.3	170.9610894	32.23	2.742	308.2	172.724134	32.14
319	182.967997	32.24	2.083	317	189.8495428	32.15
321.6	175.0397923	32.29	1.842	318.5	184.6202228	32.18
314	192.5757179	32.31	2.615	312.2	192.5757179	32.2
320.1	179.4825368	32.25	2.544	320.4	178.5661959	32.15
313	192.5757179	32.16	2.637	310.6	177.8276612	32.05
307.5	171.3461128	32.12	2.777	306.5	169.4586546	32.03
299.4	158.4811294	32.05	2.724	299.1	158.1007946	31.95
301.5	161.3209223	31.97	2.652	300	159.2604663	31.89

3.29	328.1	159.2522329	157.7163827	Yes
3.377	331.5	152.8150171	152.939448	Yes
2.757	323.1	170.9259926	170.3635577	Yes
1.985	325.8	164.2624968	161.4964047	Yes
2.846	315	192.5757179	179.7925102	Yes
3.2	321.7	174.7556358	170.9701026	Yes
2.84	317.1	189.4876488	178.4973401	Yes
3.085	304.4	165.7885774	162.6947606	Yes
2.638	310.1	176.7139881	174.9977969	Yes
3.191	309.7	175.8426324	166.1980594	Yes
2.962	312.3	192.5757179	171.9799718	Yes
2.462	309.6	175.6274687	174.0972618	Yes
3.865	314.6	192.5757179	178.0310831	Yes
3.13	326.9	161.7949854	159.3800548	Yes
2.613	329.2	157.0502204	156.2482967	Yes
3.117	324.8	166.6259865	161.3961843	Yes
2.916	329	157.4417417	154.5045607	Yes
2.131	330.5	154.5974305	152.3053303	Yes
2.794	345.5	135.4739906	135.3686901	Yes
2.837	346.6	134.6039881	135.4492603	Yes
3.183	338.6	142.43085	143.138073	Yes
2.755	327.5	160.5047386	162.2730041	Yes
3.654	334.7	147.6715655	149.1007927	Yes
3.385	347.4	134.0091067	134.2466033	Yes
2.434	335.2	146.9398193	148.5011119	Yes
2.619	327.8	159.8738411	159.1998341	Yes
2.627	328.4	158.6397721	156.1232203	Yes
2.623	312.5	192.5757179	172.9140738	Yes
2.728	316.8	190.5792409	179.705831	Yes
2.864	312.8	192.5757179	175.1663009	Yes
2.537	313.6	192.5757179	174.5545898	Yes
4.071	308.2	172.724134	166.5766385	Yes
3.162	324.7	166.8688935	165.1168608	Yes
3.358	318	186.3168781	180.3229337	Yes
2.938	320.5	178.2639076	174.8344175	Yes
2.9	318	186.3168781	178.5310899	Yes
2.378	320.8	177.3663815	175.7782309	Yes
2.213	312.8	192.5757179	174.0096787	Yes
2.702	313.9	192.5757179	176.5108937	Yes
3.032	320.5	178.2639076	172.6338939	Yes
2.858	316.4	192.0626612	175.9668751	Yes
3.004	314.3	192.5757179	174.6406998	Yes
3.079	313.9	192.5757179	175.6682827	Yes
2.563	324.5	167.3583715	169.6817443	Yes
2.14	325.7	164.4935779	163.7378404	Yes
2.941	318.2	185.6327901	176.9367281	Yes
2.925	325.9	164.0325631	163.0292944	Yes
3.005	318.4	184.9559525	175.9038802	Yes
3.061	311.3	179.4337369	171.6416162	Yes
3.187	306.7	169.8286827	164.162723	Yes
3.157	304.8	166.4581678	161.9657131	Yes

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9/13/2019	17:40	31.85	1.733
9/13/2019	17:41	31.6	1.802
9/13/2019	17:42	31.49	1.257
9/13/2019	17:43	31.57	1.517
9/13/2019	17:44	31.77	1.417
9/13/2019	17:45	31.92	1.98
9/13/2019	17:46	32.04	1.81
9/13/2019	17:47	32.07	2.093
9/13/2019	17:48	32.09	1.793
9/13/2019	17:49	32.11	1.657
9/13/2019	17:50	32.15	1.632
9/13/2019	17:51	32.16	1.459
9/13/2019	17:52	32.12	1.672
9/13/2019	17:53	32.06	1.413
9/13/2019	17:54	31.98	1.542
9/13/2019	17:55	31.9	1.85
9/13/2019	17:56	31.83	1.712
9/13/2019	17:57	31.85	1.373
9/13/2019	17:58	31.86	1.299
9/13/2019	17:59	31.91	1.878
9/13/2019	18:00	31.98	1.93
9/13/2019	18:01	32	1.556
9/13/2019	18:02	31.93	1.776
9/13/2019	18:03	31.91	1.385
9/13/2019	18:04	31.88	1.446
9/13/2019	18:05	31.91	1.262
9/13/2019	18:06	31.98	1.326
9/13/2019	18:07	31.96	1.438
9/13/2019	18:08	31.92	1.091
9/13/2019	18:09	31.88	1.299
9/13/2019	18:10	31.77	1.958
9/13/2019	18:11	31.71	1.344
9/13/2019	18:12	31.64	1.766
9/13/2019	18:13	31.54	1.827
9/13/2019	18:14	31.51	1.542
9/13/2019	18:15	31.43	1.408
9/13/2019	18:16	31.4	1.67
9/13/2019	18:17	31.39	1.827
9/13/2019	18:18	31.35	1.513
9/13/2019	18:19	31.33	1.418
9/13/2019	18:20	31.32	1.222
9/13/2019	18:21	31.25	1.974
9/13/2019	18:22	31.17	1.401
9/13/2019	18:23	31.06	1.729
9/13/2019	18:24	30.96	1.705
9/13/2019	18:25	30.86	1.682
9/13/2019	18:26	30.76	1.968
9/13/2019	18:27	30.7	1.877
9/13/2019	18:28	30.66	1.403
9/13/2019	18:29	30.58	1.877

324.4	167.6049563	32.22	2.391
331.6	152.6415793	31.82	1.968
341.6	139.0715101	31.56	2
337.9	143.2953883	31.44	1.357
337.8	143.4215034	31.53	1.641
346.6	134.6039881	31.75	1.831
338.9	142.0699862	31.91	2.117
336.6	144.9870876	32.03	1.947
334.4	148.1195561	32.07	2.316
345.2	135.7219305	32.08	2.039
340.6	140.1309578	32.11	1.702
328.8	157.837148	32.17	1.683
347	134.3026158	32.19	1.544
332.6	150.9537025	32.14	1.882
328.1	159.2522329	32.08	1.646
330	155.5222256	32	1.708
329.8	155.8985853	31.91	2.073
345.7	135.3112579	31.84	2.058
348.3	133.3770516	31.86	1.457
344.6	136.2317817	31.88	1.539
3.447	128.0419251	31.91	2.01
357.7	128.9499403	31.99	2.035
349.8	132.4088779	32.03	1.718
343.5	137.2158368	31.96	1.963
341.2	139.4882645	31.94	1.685
350.4	132.0507649	31.91	1.48
356.7	129.2425815	31.94	1.489
336.9	144.586539	32	1.326
334.6	147.8201441	32	1.587
349.5	132.5941263	31.96	1.183
339.9	140.9079226	31.92	1.498
334.8	147.5237341	31.81	1.953
338.8	142.1896378	31.73	1.529
342	138.6639767	31.67	1.904
339.3	141.5976893	31.56	1.816
336.7	144.8528837	31.52	1.834
342.2	138.4636301	31.45	1.509
339.8	141.0213439	31.42	1.747
344.7	136.145503	31.39	1.909
341.5	139.1748294	31.36	1.67
343.9	136.8505178	31.34	1.57
339.3	141.5976893	31.32	1.464
338.4	142.6746234	31.26	2.036
328.3	158.8429179	31.18	1.567
336	145.8069274	31.07	1.904
334.8	147.5237341	30.97	1.85
342.2	138.4636301	30.87	1.916
334.4	148.1195561	30.76	2.083
335.9	145.9460296	30.69	2.172
340.4	140.3499361	30.66	1.653
338.4	142.6746234	30.59	2.07

306.2	168.9104738	31.86	2.893
313.5	192.5757179	31.54	2.411
323	171.1905949	31.31	2.184
319.3	181.9973899	31.22	1.602
316.7	190.9470722	31.31	1.782
324.9	166.3842917	31.48	2.14
317.5	188.0594614	31.61	2.526
314.8	192.5757179	31.73	2.571
315.9	192.5757179	31.75	2.837
320.8	177.3663815	31.76	2.349
325.7	164.4935779	31.76	1.873
309	174.3585583	31.8	2.117
323.5	169.8808638	31.81	1.87
315.9	192.5757179	31.75	2.103
310.6	177.8276612	31.7	1.986
313.3	192.5757179	31.64	1.985
313	192.5757179	31.58	2.556
319.5	181.3587702	31.51	2.14
326.7	162.2336611	31.51	1.484
320.1	179.4825368	31.51	1.727
333.8	149.0360615	31.53	2.222
334	148.7274886	31.57	1.99
323.4	170.1401693	31.58	1.826
322.7	171.9924951	31.52	2.124
319.5	181.3587702	31.48	1.902
324.6	167.1130196	31.49	1.736
332.4	151.2846063	31.51	1.738
317.6	187.7071962	31.57	1.35
319.9	180.1014276	31.57	1.715
327.5	160.5047386	31.51	1.442
316.9	190.2134023	31.49	1.765
314.2	192.5757179	31.44	2.43
317.5	188.0594614	31.37	1.613
317.9	186.6616714	31.3	2.166
315.7	192.5757179	31.24	2.255
314.4	192.5757179	31.21	2.116
319.6	181.0419634	31.13	1.803
319.2	182.3192244	31.09	1.961
321.5	175.3254093	31.08	2.062
321.9	174.1916691	31.05	1.78
324.7	166.8688935	31.02	1.36
322.5	172.5339195	30.99	1.647
320.3	178.8700569	30.95	2.14
310	176.4945334	30.89	1.742
318	186.3168781	30.81	2.142
312.3	192.5757179	30.73	1.981
318.1	185.9739218	30.64	2.145
317.3	188.7697038	30.54	2.326
313.3	192.5757179	30.51	2.523
319.3	181.9973899	30.47	1.803
321.6	175.0397923	30.4	2.385

301.9	161.8982783	31.7	3.13	301.3	161.0367221	31.62
306.4	169.2750169	31.43	2.695	305.5	167.6628412	31.35
318.2	185.6327901	31.22	2.622	315	192.5757179	31.15
314.4	192.5757179	31.13	1.843	310.9	178.509184	31.08
310.6	177.8276612	31.21	2.172	308.9	174.1507045	31.17
319.1	182.6427564	31.37	2.416	316.7	190.9470722	31.34
314.3	192.5757179	31.49	2.792	311.3	179.4337369	31.45
309.9	176.2761595	31.59	2.691	309.2	174.7773583	31.54
310	176.4945334	31.61	3.021	309.1	174.5674412	31.55
313.7	192.5757179	31.61	2.748	313.4	192.5757179	31.55
319.9	180.1014276	31.61	2.294	315.9	192.5757179	31.56
306.4	169.2750169	31.63	2.196	305.3	167.3143222	31.59
316.9	190.2134023	31.64	2.094	314.4	192.5757179	31.6
313	192.5757179	31.59	2.456	309.1	174.5674412	31.56
303.1	163.7036852	31.53	2.158	302.4	162.6370044	31.5
305.7	168.0148666	31.48	2.248	304.4	165.7885774	31.45
306.1	168.7295603	31.44	2.74	305.7	168.0148666	31.42
315	192.5757179	31.38	2.663	310.9	178.509184	31.34
320.1	179.4825368	31.35	1.858	316	192.5757179	31.34
312.4	192.5757179	31.35	1.877	311.6	180.1392477	31.33
331.3	153.1644801	31.36	2.685	324.8	166.6259865	31.36
331	153.695204	31.4	2.745	325.5	164.9592071	31.4
318.3	185.293471	31.4	2.199	314.2	192.5757179	31.4
317.2	189.1277069	31.35	2.499	313.6	192.5757179	31.35
313.8	192.5757179	31.31	2.183	311.4	179.6677453	31.31
317.7	187.3568179	31.31	1.874	313.9	192.5757179	31.31
329	157.4417417	31.33	2.048	325.1	165.9045121	31.34
312.5	192.5757179	31.38	1.775	310.5	177.6027217	31.4
315.3	192.5757179	31.37	2.104	312.8	192.5757179	31.39
320.7	177.6640101	31.32	1.588	317.2	189.1277069	31.33
312.8	192.5757179	31.31	2.009	311.1	178.969176	31.32
310.5	177.6027217	31.28	2.64	307.3	170.9610894	31.29
310.3	177.156161	31.22	1.94	308.3	172.92492	31.22
313.3	192.5757179	31.15	2.449	308.8	173.943875	31.15
309.8	176.0588609	31.12	2.524	307.7	171.7349716	31.13
310.5	177.6027217	31.09	2.374	308	172.3255294	31.11
314.9	192.5757179	31.01	2.005	313	192.5757179	31.02
315.3	192.5757179	30.98	2.38	310.7	178.0537144	30.99
318.6	184.28627	30.97	2.548	312.4	192.5757179	30.98
315.5	192.5757179	30.95	2.218	312.4	192.5757179	30.97
319.4	181.6772422	30.91	1.92	315.3	192.5757179	30.93
317.1	189.4876488	30.87	1.904	316.3	192.4386028	30.9
316.5	191.6887683	30.84	2.674	312.7	192.5757179	30.87
304.4	165.7885774	30.8	1.995	302.8	163.2418433	30.83
313.2	192.5757179	30.73	2.489	309.2	174.7773583	30.76
308.6	173.5332689	30.66	2.394	305.2	167.1413681	30.69
318.2	185.6327901	30.57	2.495	310.3	177.156161	30.6
315.5	192.5757179	30.48	2.807	309.3	174.9883145	30.51
312.2	192.5757179	30.47	2.888	306.5	169.4586546	30.5
314.5	192.5757179	30.43	2.127	310.1	176.7139881	30.46
321.7	174.7556358	30.36	2.742	315.1	192.5757179	30.4

3.834	307.9	172.1277015	166.3156264	Yes
3.153	313.1	192.5757179	174.9461746	Yes
2.978	321	176.7757169	173.049266	Yes
2.231	317.9	186.6616714	176.6078703	Yes
2.609	315.3	192.5757179	175.7845318	Yes
2.947	322.6	172.2625195	169.3681256	Yes
3.342	319.5	181.3587702	176.6995345	Yes
3.398	315.5	192.5757179	176.2384082	Yes
3.677	316.2	192.5757179	176.8665933	Yes
3.09	320.4	178.5661959	175.3611887	Yes
2.607	322.2	173.356455	170.1316272	Yes
2.592	313.4	192.5757179	172.2721527	Yes
2.354	319.6	181.0419634	173.6029126	Yes
2.735	314.4	192.5757179	180.6496595	Yes
2.602	309.5	175.4133646	167.7667897	Yes
2.615	310.6	177.8276612	171.9458097	Yes
3.369	311.5	179.9029136	173.0243287	Yes
2.999	317.6	187.7071962	175.0924252	Yes
1.966	323.2	170.6627261	167.6663387	Yes
2.26	318.6	184.28627	174.5431108	Yes
3.032	333.2	149.9805289	149.3697964	Yes
3.039	333.5	149.5047542	149.1673188	Yes
2.399	321.5	175.3254093	171.1487291	Yes
2.794	318.9	183.2949574	174.8413428	Yes
2.573	318.9	183.2949574	175.2770911	Yes
2.336	321.1	176.4826621	171.1157965	Yes
2.296	332.1	151.7871691	151.1321221	Yes
1.937	317.4	188.4136263	178.1771602	Yes
2.474	320.8	177.3663815	178.0878778	Yes
1.983	324.9	166.3842917	165.2549747	Yes
2.333	317.7	187.3568179	178.0046074	Yes
3.235	315	192.5757179	176.2477962	Yes
2.304	315.5	192.5757179	174.5811796	Yes
2.898	317.9	186.6616714	175.7013824	Yes
2.873	312.8	192.5757179	174.9085915	Yes
2.776	316.2	192.5757179	175.9865141	Yes
2.412	321.1	176.4826621	176.2279383	Yes
2.752	318.4	184.9559525	175.7851906	Yes
2.693	320	179.7911758	173.6248152	Yes
2.474	320.9	177.070287	175.1176443	Yes
1.986	319.2	182.3192244	172.0583191	Yes
2.218	322	173.9118416	173.9939404	Yes
2.954	319.6	181.0419634	177.370226	Yes
2.302	309.4	175.2003149	167.9136374	Yes
2.712	315.2	192.5757179	178.4105199	Yes
2.686	312.2	192.5757179	174.6699614	Yes
2.815	316.8	190.5792409	175.5611488	Yes
3.227	318.5	184.6202228	177.814703	Yes
3.305	312.7	192.5757179	178.6263676	Yes
2.465	315.3	192.5757179	176.84255	Yes
3.06	322.9	171.4565408	171.300462	Yes

9/13/2019	18:30	30.53	1.406
9/13/2019	18:31	30.44	1.756
9/13/2019	18:32	30.39	1.397
9/13/2019	18:33	30.33	1.763
9/13/2019	18:34	30.23	1.493
9/13/2019	18:35	30.15	1.483
9/13/2019	18:36	30.12	1.645
9/13/2019	18:37	30.07	1.427
9/13/2019	18:38	29.99	1.576
9/13/2019	18:39	29.97	1.619
9/13/2019	18:40	29.96	1.734
9/13/2019	18:41	29.91	1.449
9/13/2019	18:42	29.88	1.481
9/13/2019	18:43	29.87	1.28
9/13/2019	18:44	29.8	1.306
9/13/2019	18:45	29.69	1.057
9/13/2019	18:46	29.56	0.962
9/13/2019	18:47	29.42	1.016
9/13/2019	18:48	29.27	1.041
9/13/2019	18:49	29.16	0.973
9/13/2019	18:50	29.05	1.134
9/13/2019	18:51	28.98	1.467
9/13/2019	18:52	28.95	1.598
9/13/2019	18:53	28.95	1.392
9/13/2019	18:54	28.92	2.051
9/13/2019	18:55	28.93	2.566
9/13/2019	18:56	28.92	2.107
9/13/2019	18:57	28.87	2.002
9/13/2019	18:58	28.74	1.936
9/13/2019	18:59	28.67	2.206
9/13/2019	19:00	28.62	2.454
9/13/2019	19:01	28.55	2.387
9/13/2019	19:02	28.48	2.667
9/13/2019	19:03	28.39	2.134
9/13/2019	19:04	28.3	2.553
9/13/2019	19:05	28.3	2.494
9/13/2019	19:06	28.26	2.465
9/13/2019	19:07	28.19	2.498
9/13/2019	19:08	28.07	2.004
9/13/2019	19:09	27.96	2.132
9/13/2019	19:10	27.87	1.886
9/13/2019	19:11	27.76	2.013
9/13/2019	19:12	27.69	1.918
9/13/2019	19:13	27.63	1.846
9/13/2019	19:14	27.58	1.632
9/13/2019	19:15	27.48	1.302
9/13/2019	19:16	27.35	1.486
9/13/2019	19:17	27.29	1.754
9/13/2019	19:18	27.23	1.708
9/13/2019	19:19	27.19	1.855
9/13/2019	19:20	27.13	1.504

341.7	138.968767	30.53	1.669
349.1	132.8476073	30.44	1.823
349.4	132.6567999	30.39	1.633
344.4	136.4059155	30.32	1.835
350.4	132.0507649	30.23	1.74
356.2	129.4042052	30.15	1.553
359.7	128.4855767	30.12	1.687
355.7	129.5761138	30.09	1.456
342.2	138.4636301	30.03	1.751
345.9	135.1505606	30	1.791
353.8	130.3244035	29.99	1.76
349.9	132.3480491	29.94	1.488
3.44	128.0422409	29.91	1.584
3.259	128.0510708	29.89	1.513
5.065	128.0202161	29.84	1.231
351.5	131.436508	29.75	1.158
352.2	131.0736496	29.61	1.029
347.8	133.7233811	29.47	1.055
0.36	128.367328	29.29	1.055
354.5	130.0310681	29.14	1.109
352.6	130.8759536	29.01	1.327
357.3	129.0621204	28.96	1.473
340.3	140.4603245	28.94	1.72
7.814	128.2176743	28.95	1.682
347.9	133.6531567	28.93	2.052
345.3	135.6387698	28.93	2.837
3.915	128.0251495	28.92	2.485
354.3	130.1127622	28.86	2.099
1.332	128.2245173	28.74	2.12
3.638	128.0340464	28.66	2.295
351.4	131.490113	28.61	2.603
355.7	129.5761138	28.54	2.359
356.7	129.2425815	28.47	2.681
358.6	128.7211479	28.38	2.367
350.6	131.9350344	28.29	2.844
357.9	128.8962779	28.28	2.813
356.1	129.4377621	28.25	2.645
1.612	128.190278	28.18	2.457
1.765	128.1728694	28.06	2.009
352.7	130.8276183	27.94	2.189
5.759	128.0421957	27.85	1.805
3.399	128.044129	27.74	2.298
0.904	128.2828127	27.68	2.139
358	128.870052	27.62	1.999
2.798	128.0793399	27.56	1.906
7.814	128.2176743	27.47	1.559
351.8	131.2783518	27.35	1.56
349.8	132.4088779	27.28	1.738
4.262	128.0182276	27.23	1.842
3.015	128.0649989	27.18	1.869
356.6	129.2740865	27.13	1.558

318.5	184.6202228	30.33	1.965
323.2	170.6627261	30.24	2.061
325.9	164.0325631	30.18	1.798
321.2	176.1911131	30.08	2.007
321.8	174.472931	30.01	2.141
329.9	155.7099409	29.94	1.844
334.9	147.3766469	29.88	1.684
327.4	160.717127	29.82	1.755
318.7	183.9540825	29.79	1.954
325.1	165.9045121	29.79	2.033
325.6	164.7258126	29.79	1.983
326.3	163.1241775	29.75	1.75
337.5	143.8038178	29.72	1.812
330.1	155.335435	29.68	1.843
335.2	146.9398193	29.59	1.405
325.9	164.0325631	29.5	1.369
324.9	166.3842917	29.36	1.345
324.5	167.3583715	29.24	1.33
328.1	159.2522329	29.09	1.508
326.1	163.5761126	29	1.338
327.5	160.5047386	28.92	1.584
332.2	151.6188155	28.89	1.962
314.4	192.5757179	28.9	2.047
338.8	142.1896378	28.91	1.955
323.7	169.3661605	28.89	2.284
326.7	162.2336611	28.91	3.212
333.4	149.6625543	28.93	3.005
331.8	152.2972712	28.88	2.336
335.5	146.5095784	28.75	2.55
338.3	142.7974765	28.71	2.974
329.1	157.2454979	28.68	2.894
329.1	157.2454979	28.61	2.541
330.5	154.5974305	28.54	2.869
333.7	149.1915112	28.43	2.702
327.5	160.5047386	28.36	3.54
334.3	148.2703958	28.37	3.562
336.9	144.586539	28.32	2.864
337.9	143.2953883	28.24	2.716
336.2	145.5308449	28.11	2.419
334.5	147.9694733	28	2.659
342.5	138.1673439	27.91	2.441
338.5	142.5524154	27.81	2.454
339.2	141.7148217	27.77	2.616
330.9	153.8738695	27.71	2.286
339.8	141.0213439	27.65	1.98
344.1	136.6710803	27.55	1.74
334.4	148.1195561	27.4	1.846
331.7	152.4689987	27.39	2.287
341.6	139.0715101	27.33	2.174
341.6	139.0715101	27.3	1.902
333.4	149.6625543	27.24	1.959

317	189.8495428	30.28	2.116	312	192.5757179	30.31
321.6	175.0397923	30.19	2.465	316.9	190.2134023	30.22
320.9	177.070287	30.14	2.041	318.1	185.9739218	30.18
321.2	176.1911131	30.03	2.353	313.4	192.5757179	30.07
321.9	174.1916691	29.97	2.304	314.7	192.5757179	30.03
329.2	157.0502204	29.9	1.951	323.5	169.8808638	29.94
333.4	149.6625543	29.83	2.052	326.6	162.4546358	29.87
327.8	159.8738411	29.77	1.889	319.7	180.726811	29.82
321.1	176.4826621	29.75	2.243	313.9	192.5757179	29.8
330.4	154.7805667	29.77	2.301	321.1	176.4826621	29.84
326.3	163.1241775	29.78	2.297	318.8	183.6236488	29.84
325.4	165.1937679	29.73	1.971	318.8	183.6236488	29.79
337.2	144.1921397	29.71	2.006	328.9	157.6389568	29.78
331.4	152.989316	29.65	2.01	326.3	163.1241775	29.72
334.4	148.1195561	29.56	1.695	330.5	154.5974305	29.61
324.9	166.3842917	29.46	1.52	321.7	174.7556358	29.52
329.4	156.6625457	29.33	1.438	322.5	172.5339195	29.4
326.1	163.5761126	29.22	1.407	318.9	183.2949574	29.3
332.3	151.4512959	29.12	1.466	323.2	170.6627261	29.2
327.6	160.2933984	29.09	1.456	321.3	175.9010607	29.18
329.7	156.0881634	29.05	1.766	323.3	170.4007875	29.15
331.1	153.51742	29.04	1.999	327.8	159.8738411	29.14
316.2	192.5757179	29.05	2.205	307.5	171.3461128	29.14
340.3	140.4603245	29.03	2.202	334.2	148.4219956	29.12
326.9	161.7949854	28.97	2.666	318.5	184.6202228	29.06
326.8	162.0137796	29	3.766	319.9	180.1014276	29.07
333.1	150.1407104	29	3.34	327	161.577273	29.06
332.2	151.6188155	28.97	2.847	324.1	168.3521774	29.01
338.3	142.7974765	28.84	2.705	330.3	154.96461	28.87
336.3	145.3938588	28.8	3.014	329.9	155.7099409	28.84
330.8	154.0534207	28.77	3.353	322.7	171.9924951	28.8
329.9	155.7099409	28.69	3.179	320.7	177.6640101	28.73
333	150.3016928	28.62	3.436	324	168.6037636	28.66
333.2	149.9805289	28.51	3.026	325.2	165.6664139	28.54
330.1	155.335435	28.45	3.787	320.6	177.9631823	28.48
332.4	151.2846063	28.46	3.748	327	161.577273	28.5
337.1	144.3229273	28.41	3.334	330.1	155.335435	28.43
339.2	141.7148217	28.32	3.158	330.5	154.5974305	28.34
335.5	146.5095784	28.19	2.772	327.7	160.0831011	28.21
334.3	148.2703958	28.08	2.989	325.1	165.9045121	28.12
341.4	139.278727	28	2.527	333.6	149.347741	28.03
339.3	141.5976893	27.9	2.945	329.8	155.8985853	27.95
341.1	139.5939084	27.87	2.759	331.5	152.8150171	27.93
331.1	153.51742	27.81	2.617	323.5	169.8808638	27.86
343.1	137.5898354	27.75	2.481	332.4	151.2846063	27.79
344.4	136.4059155	27.64	2.088	337.5	143.8038178	27.68
335.8	146.0858429	27.49	2.098	323.8	169.1107479	27.53
332.9	150.4634796	27.5	2.456	324.4	167.6049563	27.58
342.7	137.9726212	27.44	2.502	333.3	149.8211447	27.5
342.2	138.4636301	27.42	2.432	330.5	154.5974305	27.47
334.9	147.3766469	27.36	2.16	323.5	169.8808638	27.42

2.597	319.9	180.1014276	177.2231356	Yes
3.071	324.3	167.8527808	167.3232618	Yes
2.407	324.7	166.8688935	165.320493	Yes
2.764	322	173.9118416	171.0551402	Yes
2.708	322.7	171.9924951	169.0567156	Yes
2.292	328.8	157.837148	153.9764757	Yes
2.241	335.5	146.5095784	146.8977984	Yes
2.125	325.5	164.9592071	159.17062	Yes
2.534	322.5	172.5339195	172.8020024	Yes
2.646	330	155.5222256	157.5681054	Yes
2.621	326.9	161.7949854	160.7186056	Yes
2.301	329.3	156.8559046	160.2291096	Yes
2.297	337	144.4543929	143.6263096	Yes
2.133	333.4	149.6625543	149.8325107	Yes
1.799	338	143.1699306	144.1693905	Yes
1.719	329.3	156.8559046	158.6929806	Yes
1.685	329	157.4417417	156.8192296	Yes
1.719	325.5	164.9592071	162.582406	Yes
1.887	332.8	150.6260744	152.0719315	Yes
1.733	328.6	158.2364782	157.6076236	Yes
2.102	331	153.695204	154.3129694	Yes
2.328	334.1	148.5743588	148.5293112	Yes
2.663	317.6	187.7071962	176.9330139	Yes
2.461	343.1	137.5898354	139.3758935	Yes
3.06	329.2	157.0502204	161.2969492	Yes
4.254	328.8	157.837148	159.5649572	Yes
3.965	335.5	146.5095784	147.1830531	Yes
3.26	332.9	150.4634796	150.5689012	Yes
3.273	339.6	141.2500277	142.749242	Yes
3.755	337.6	143.6757156	143.1222076	Yes
3.869	331	153.695204	153.6953461	Yes
3.505	329.4	156.6625457	155.3716217	Yes
3.825	333.2	149.9805289	150.5451994	Yes
3.557	333.8	149.0360615	148.5191327	Yes
4.511	329.4	156.6625457	156.4801872	Yes
4.61	337.5	143.8038178	146.7664742	Yes
3.75	339.6	141.2500277	142.9865382	Yes
3.691	339.9	140.9079226	141.7411682	Yes
3.254	337.8	143.4215034	144.7435794	Yes
3.305	334	148.7274886	148.3398976	Yes
3.239	341.9	138.7650022	138.720202	Yes
3.245	339.7	141.1353782	141.8456394	Yes
3.235	339.2	141.7148217	140.8242763	Yes
3.017	331.9	152.1263931	151.6537197	Yes
2.609	344.1	136.6710803	138.9292412	Yes
2.27	347.7	133.7940871	135.778515	Yes
2.446	334.9	147.3766469	148.3942291	Yes
3.028	333.7	149.1915112	150.4275647	Yes
2.947	340.6	140.1309578	139.0028923	Yes
2.553	338.6	142.43085	140.5256839	Yes
2.681	333.3	149.8211447	149.2030592	Yes

9/13/2019	19:21	27.03	1.382
9/13/2019	19:22	26.93	1.417
9/13/2019	19:23	26.83	1.203
9/13/2019	19:24	26.77	1.577
9/13/2019	19:25	26.73	1.155
9/13/2019	19:26	26.64	1.277
9/13/2019	19:27	26.57	1.353
9/13/2019	19:28	26.52	1.356
9/13/2019	19:29	26.53	1.536
9/13/2019	19:30	26.5	1.25
9/13/2019	19:31	26.47	1.527
9/13/2019	19:32	26.39	1.336
9/13/2019	19:33	26.32	1.377
9/13/2019	19:34	26.25	1.238
9/13/2019	19:35	26.19	1.309
9/13/2019	19:36	26.13	1.414
9/13/2019	19:37	26.14	1.32
9/13/2019	19:38	26.17	1.302
9/13/2019	19:39	26.14	1.057
9/13/2019	19:40	26.05	1.492
9/13/2019	19:41	25.98	1.047
9/13/2019	19:42	25.88	1.059
9/13/2019	19:43	25.82	1.369
9/13/2019	19:44	25.78	1.142
9/13/2019	19:45	25.77	1.147
9/13/2019	19:46	25.77	1.185
9/13/2019	19:47	25.72	1.421
9/13/2019	19:48	25.69	1.12
9/13/2019	19:49	25.61	1.127
9/13/2019	19:50	25.56	1.046
9/13/2019	19:51	25.5	1.082
9/13/2019	19:52	25.46	1.112
9/13/2019	19:53	25.4	0.948
9/13/2019	19:54	25.35	1.148
9/13/2019	19:55	25.34	1.324
9/13/2019	19:56	25.33	1.368
9/13/2019	19:57	25.32	1.287
9/13/2019	19:58	25.33	1.285
9/13/2019	19:59	25.33	1.473
9/13/2019	20:00	25.34	1.373
9/13/2019	20:01	25.32	1.207
9/13/2019	20:02	25.26	1.163
9/13/2019	20:03	25.2	1.672
9/13/2019	20:04	25.23	1.341
9/13/2019	20:05	25.2	1.193
9/13/2019	20:06	25.13	1.373
9/13/2019	20:07	25.06	1.301
9/13/2019	20:08	25.05	1.347
9/13/2019	20:09	25	1.218
9/13/2019	20:10	24.94	1.029
9/13/2019	20:11	24.9	1.316

0.936	128.2782047	27.04	1.4
2.503	128.1017883	26.93	1.364
358.8	128.6747234	26.83	1.242
358.7	128.6977354	26.77	1.642
356	129.4717308	26.72	1.401
356	129.4717308	26.64	1.226
352.2	131.0736496	26.56	1.437
356.5	129.3060009	26.51	1.53
359.7	128.4855767	26.53	1.688
350.6	131.9350344	26.5	1.422
353.3	130.5466922	26.47	1.42
345.5	135.4739906	26.39	1.23
355.6	129.6117355	26.32	1.408
344.8	136.0597477	26.26	1.221
352.4	130.9739291	26.2	1.31
348.3	133.3770516	26.14	1.4
350.1	132.2277664	26.15	1.535
355.6	129.6117355	26.18	1.443
357.1	129.120645	26.15	1.152
354.2	130.1542428	26.06	1.469
349.5	132.5941263	25.99	1.181
352.1	131.1241663	25.9	1.058
2.08	128.1399197	25.82	1.386
355.9	129.506112	25.79	1.145
354.4	130.0717042	25.78	1.097
349.7	132.4701664	25.79	1.211
0.304	128.3766916	25.74	1.409
357.2	129.0911795	25.7	1.187
2.952	128.0689728	25.63	1.064
357.4	129.0334674	25.58	1.081
8.84	128.367328	25.52	1.255
0.064	128.4182265	25.48	1.058
357.9	128.8962779	25.42	1.052
354.9	129.8727295	25.36	1.157
0.341	128.370491	25.35	1.27
347.9	133.6531567	25.34	1.446
342.7	137.9726212	25.34	1.338
354.7	129.9510588	25.33	1.36
352	131.1751217	25.33	1.478
349.2	132.7835393	25.34	1.417
358.5	128.7449612	25.32	1.25
359.8	128.4665503	25.28	1.207
357.5	129.00522	25.21	1.689
351.2	131.5986579	25.24	1.535
356.1	129.4377621	25.21	1.302
347.3	134.0817512	25.14	1.364
355	129.8341932	25.07	1.467
356.9	129.1807975	25.05	1.377
356.7	129.2425815	25	1.219
354.8	129.9116845	24.94	1.126
357.7	128.9499403	24.9	1.454

339.5	141.3652945	27.12	1.544
334	148.7274886	27.01	1.618
336.2	145.5308449	26.9	1.498
338.8	142.1896378	26.87	2.229
335.9	145.9460296	26.84	1.869
331.9	152.1263931	26.75	1.423
333.2	149.9805289	26.67	1.695
328.7	158.0363201	26.63	1.663
331.4	152.989316	26.68	1.973
331.7	152.4689987	26.64	1.623
327.4	160.717127	26.61	1.702
328.5	158.4376272	26.51	1.367
333.4	149.6625543	26.45	1.628
321.3	175.9010607	26.38	1.467
329.6	156.2786798	26.33	1.46
327.2	161.1450705	26.28	1.776
327.6	160.2933984	26.33	1.774
332.8	150.6260744	26.37	1.799
335.3	146.7956779	26.29	1.389
334.6	147.8201441	26.19	1.479
327.9	159.6656133	26.11	1.409
329.2	157.0502204	26.01	1.307
335.4	146.6522652	25.95	1.615
330.2	155.1495646	25.93	1.524
332.2	151.6188155	25.95	1.342
329.4	156.6625457	25.98	1.49
337.8	143.4215034	25.91	1.57
335.1	147.0846926	25.87	1.536
331.9	152.1263931	25.78	1.431
330.7	154.2338617	25.73	1.366
340.8	139.914364	25.69	1.503
336.3	145.3938588	25.66	1.259
331.2	153.3405134	25.58	1.271
334	148.7274886	25.53	1.465
335.5	146.5095784	25.53	1.684
330	155.5222256	25.54	1.61
325.1	165.9045121	25.52	1.521
331.3	153.1644801	25.53	1.756
327.9	159.6656133	25.51	2.014
324.3	167.8527808	25.51	1.553
327.3	160.9305691	25.46	1.794
328.6	158.2364782	25.4	1.337
332.5	151.1187431	25.35	2.034
325.9	164.0325631	25.41	1.952
332.1	151.7871691	25.35	1.51
326.3	163.1241775	25.27	1.518
327.2	161.1450705	25.19	1.821
330.3	154.96461	25.2	1.561
331.1	153.51742	25.14	1.339
324.5	167.3583715	25.08	1.44
333	150.3016928	25.06	1.756

340.6	140.1309578	27.24	1.967	329.2	157.0502204	27.31
336.7	144.8528837	27.12	1.817	325.2	165.6664139	27.19
339.6	141.2500277	27.01	1.678	328.6	158.2364782	27.08
340.3	140.4603245	27	2.27	329.9	155.7099409	27.09
337.9	143.2953883	26.97	1.96	326.7	162.2336611	27.06
333.3	149.8211447	26.86	1.636	324.6	167.1130196	26.92
334.6	147.8201441	26.78	1.866	322.4	172.8067032	26.86
327.8	159.8738411	26.75	2.043	319.1	182.6427564	26.83
333.6	149.347741	26.83	2.224	322.6	172.2625195	26.93
334.3	148.2703958	26.78	1.956	324.4	167.6049563	26.85
329.5	156.470139	26.75	1.953	319.5	181.3587702	26.82
328.3	158.8429179	26.64	1.685	317.4	188.4136263	26.72
335.6	146.3676144	26.59	1.947	323.8	169.1107479	26.67
322.8	171.7238383	26.52	1.826	313.6	192.5757179	26.61
329.4	156.6625457	26.47	1.726	321.9	174.1916691	26.58
330.5	154.5974305	26.42	1.933	318.2	185.6327901	26.53
330.4	154.7805667	26.49	2.103	319.7	180.726811	26.6
336.3	145.3938588	26.52	1.952	323.2	170.6627261	26.61
332.9	150.4634796	26.43	1.545	323.6	169.6228634	26.49
336.1	145.6685335	26.32	1.918	323.7	169.3661605	26.39
327.9	159.6656133	26.24	1.551	318.7	183.9540825	26.3
324.6	167.1130196	26.14	1.506	317.7	187.3568179	26.21
337.2	144.1921397	26.08	1.935	324.4	167.6049563	26.19
328.3	158.8429179	26.08	1.565	323.4	170.1401693	26.17
332.3	151.4512959	26.11	1.525	321.8	174.472931	26.21
331.4	152.989316	26.16	1.78	322.4	172.8067032	26.26
340.5	140.2401479	26.07	1.867	328.3	158.8429179	26.15
335.8	146.0858429	26.03	1.63	323.5	169.8808638	26.13
333.4	149.6625543	25.93	1.415	325	166.1438025	26.02
330.8	154.0534207	25.88	1.54	322.1	173.6334397	25.96
341.8	138.8665983	25.85	1.649	331.3	153.1644801	25.95
333.5	149.5047542	25.82	1.445	325.4	165.1937679	25.92
332.3	151.4512959	25.72	1.468	321.7	174.7556358	25.82
335.4	146.6522652	25.68	1.656	324.3	167.8527808	25.8
337	144.4543929	25.7	1.705	325.8	164.2624968	25.81
330.2	155.1495646	25.72	1.815	320.4	178.5661959	25.82
325.3	165.4295013	25.7	1.728	314.9	192.5757179	25.8
332.6	150.9537025	25.7	1.925	321.6	175.0397923	25.82
329.3	156.8559046	25.66	2.043	320	179.7911758	25.79
324.1	168.3521774	25.67	1.888	316.4	192.0626612	25.77
327.3	160.9305691	25.62	1.653	319.3	181.9973899	25.7
329.2	157.0502204	25.55	1.636	319.4	181.6772422	25.62
332.7	150.7894808	25.49	2.2	322.7	171.9924951	25.57
326.4	162.8998881	25.56	2.038	319	182.967997	25.65
330.7	154.2338617	25.49	1.723	320.8	177.3663815	25.56
325.7	164.4935779	25.41	1.814	318.4	184.9559525	25.5
329.5	156.470139	25.33	1.975	319.8	180.4133026	25.43
326.9	161.7949854	25.34	1.798	319.7	180.726811	25.44
329.8	155.8985853	25.28	1.618	322.2	173.356455	25.38
325.2	165.6664139	25.22	1.517	319	182.967997	25.31
334.9	147.3766469	25.21	1.833	324.5	167.3583715	25.31

2.089	341.1	139.5939084	141.2837172	Yes
2.139	337.6	143.6757156	146.204858	Yes
2.018	340.1	140.6829105	142.8749969	Yes
2.833	340.3	140.4603245	141.5035926	Yes
2.422	338.3	142.7974765	144.7488573	Yes
1.927	334.6	147.8201441	149.2704864	Yes
2.227	333.7	149.1915112	150.1745074	Yes
2.279	329.9	155.7099409	157.1137719	Yes
2.693	332.9	150.4634796	150.7097266	Yes
2.198	333.3	149.8211447	150.020106	Yes
2.317	330.8	154.0534207	156.6292298	Yes
1.964	327.8	159.8738411	160.2084006	Yes
2.229	333.4	149.6625543	148.8830413	Yes
2.133	324.9	166.3842917	168.5289312	Yes
1.968	333.5	149.5047542	153.5223156	Yes
2.289	329.7	156.0881634	158.1681012	Yes
2.396	331	153.695204	156.3447493	Yes
2.309	333.6	149.347741	149.1284272	Yes
1.849	333.7	149.1915112	149.0388354	Yes
2.017	336.5	145.1219829	147.6262128	Yes
1.869	329.2	157.0502204	158.5859312	Yes
1.774	328.5	158.4376272	160.2163703	Yes
2.128	335	147.2303008	146.7639163	Yes
1.995	333.9	148.8813884	152.5040304	Yes
1.804	333.3	149.8211447	151.4871783	Yes
2.022	334.1	148.5743588	152.700618	Yes
2.121	337.1	144.3229273	143.0408376	Yes
2.015	336.1	145.6685335	147.5622225	Yes
1.825	336.3	145.3938588	148.2791163	Yes
1.841	332.2	151.6188155	152.514601	Yes
2.006	342.8	137.8760949	139.6377731	Yes
1.732	334.1	148.5743588	147.4169932	Yes
1.66	333.5	149.5047542	151.5896954	Yes
2.096	335	147.2303008	148.067113	Yes
2.05	334.6	147.8201441	146.2834206	Yes
2.056	329.7	156.0881634	155.7958612	Yes
1.952	326.2	163.3495837	165.0463872	Yes
2.303	333.2	149.9805289	151.8179125	Yes
2.47	331	153.695204	156.2366039	Yes
2.12	326.4	162.8998881	164.7902094	Yes
2.166	330	155.5222256	157.625143	Yes
1.773	328.5	158.4376272	156.7736237	Yes
2.63	334.4	148.1195561	150.205099	Yes
2.467	328.3	158.8429179	160.0684048	Yes
1.977	330.7	154.2338617	153.4118072	Yes
2.023	328.3	158.8429179	161.0996754	Yes
2.235	331	153.695204	156.3115819	Yes
2.063	329.1	157.2454979	156.7825404	Yes
1.821	330.5	154.5974305	153.3224944	Yes
1.815	331	153.695204	159.9199342	Yes
2.191	336	145.8069274	147.9587158	Yes

9/13/2019	20:12	24.84	1.054
9/13/2019	20:13	24.78	1.042
9/13/2019	20:14	24.75	1.318
9/13/2019	20:15	24.73	1.118
9/13/2019	20:16	24.74	1.437
9/13/2019	20:17	24.76	1.102
9/13/2019	20:18	24.75	1.084
9/13/2019	20:19	24.67	0.892
9/13/2019	20:20	24.56	0.781
9/13/2019	20:21	24.47	1.087
9/13/2019	20:22	24.4	1.223
9/13/2019	20:23	24.36	0.878
9/13/2019	20:24	24.34	1.124
9/13/2019	20:25	24.32	1.071
9/13/2019	20:26	24.27	0.739
9/13/2019	20:27	24.2	0.687
9/13/2019	20:28	24.09	0.764
9/13/2019	20:29	24.03	0.871
9/13/2019	20:30	23.95	0.897
9/13/2019	20:31	23.92	0.854
9/13/2019	20:32	23.89	0.978
9/13/2019	20:33	23.86	0.719
9/13/2019	20:34	23.82	0.917
9/13/2019	20:35	23.82	0.66
9/13/2019	20:36	23.75	0.704
9/13/2019	20:37	23.67	0.65
9/13/2019	20:38	23.55	0.532
9/13/2019	20:39	23.43	0.51
9/13/2019	20:40	23.33	0.443
9/13/2019	20:41	23.23	0.37
9/13/2019	20:42	23.1	0.399
9/13/2019	20:43	22.98	0.421
9/13/2019	20:44	22.9	0.448
9/13/2019	20:45	22.82	0.272
9/13/2019	20:46	22.72	0.202
9/13/2019	20:47	22.63	0.138
9/13/2019	20:48	22.53	0.179
9/13/2019	20:49	22.45	0.18
9/13/2019	20:50	22.37	0.14
9/13/2019	20:51	22.26	0.195
9/13/2019	20:52	22.13	0.16
9/13/2019	20:53	22	0.182
9/13/2019	20:54	21.87	0.226
9/13/2019	20:55	21.76	0.265
9/13/2019	20:56	21.68	0.379
9/13/2019	20:57	21.62	0.399
9/13/2019	20:58	21.52	0.392
9/13/2019	20:59	21.41	0.35
9/13/2019	21:00	21.3	0.263
9/13/2019	21:01	21.2	0.318
9/13/2019	21:02	21.15	0.375

354.7	129.9510588	24.85	1.098
354.7	129.9510588	24.78	1.233
5.789	128.0435696	24.75	1.168
358.6	128.7211479	24.73	1.192
0.846	128.2912675	24.73	1.449
355.5	129.6477719	24.77	1.317
9.67	128.5188333	24.76	1.093
3.048	128.0629792	24.68	0.925
359.3	128.565657	24.58	0.835
358.2	128.8188092	24.48	1.122
358.7	128.6977354	24.42	1.085
3.395	128.0443167	24.37	0.918
3.393	128.0444108	24.35	1.231
357.2	129.0911795	24.33	1.109
354.3	130.1127622	24.29	0.83
1.154	128.247886	24.21	0.755
357.3	129.0621204	24.1	0.704
346	135.0709716	24.05	0.863
349.3	132.7199372	23.98	0.971
351.1	131.6535994	23.95	0.902
358.1	128.8442293	23.92	1.075
0.498	128.3447826	23.89	0.786
354.1	130.1961465	23.84	0.99
354.6	129.9908531	23.83	0.737
353.8	130.3244035	23.77	0.823
347.4	134.0091067	23.69	0.719
348.8	133.042617	23.58	0.592
356.1	129.4377621	23.46	0.572
353.3	130.5466922	23.36	0.514
350.6	131.9350344	23.26	0.434
347.5	133.9369487	23.16	0.467
346.2	134.9133063	23.05	0.419
349.1	132.8476073	22.98	0.473
352.4	130.9739291	22.91	0.292
347	134.3026158	22.82	0.246
3.221	128.0530871	22.74	0.177
4.021	128.0225368	22.64	0.207
11.38	128.917549	22.56	0.231
36.32	150.4959338	22.47	0.166
112.2	150.9305587	22.37	0.213
96.9	143.9815923	22.25	0.144
108.9	148.4657012	22.11	0.187
105.7	146.6082498	22	0.246
100.7	144.6848135	21.93	0.283
94	143.8734887	21.91	0.38
99.3	144.3509966	21.93	0.388
95.2	143.8734887	21.87	0.384
94.3	143.8675721	21.77	0.335
91.2	144.1192747	21.62	0.264
93.1	143.914916	21.51	0.3
92.7	143.9447385	21.48	0.334

333.3	149.8211447	25	1.253
332.1	151.7871691	24.94	1.378
336.3	145.3938588	24.93	1.498
332.6	150.9537025	24.9	1.67
338.4	142.6746234	24.93	1.624
331.5	152.8150171	24.98	1.826
343.6	137.1236975	24.95	1.257
338.8	142.1896378	24.83	1.106
336.2	145.5308449	24.72	1.063
335.5	146.5095784	24.63	1.364
334.1	148.5743588	24.57	1.327
336.7	144.8528837	24.55	1.31
338	143.1699306	24.56	1.377
331.5	152.8150171	24.56	1.21
330.2	155.1495646	24.48	1.078
331.4	152.989316	24.39	0.94
328.9	157.6389568	24.26	0.966
323.8	169.1107479	24.21	1.178
320.3	178.8700569	24.14	1.166
327.5	160.5047386	24.12	1.009
334.1	148.5743588	24.14	1.312
334.9	147.3766469	24.11	0.939
334.6	147.8201441	24.07	1.224
327.6	160.2933984	24.06	1.064
329.1	157.2454979	23.99	1.063
323.7	169.3661605	23.89	0.849
327.1	161.3606366	23.75	0.858
329.7	156.0881634	23.62	0.83
329.3	156.8559046	23.53	0.702
329.3	156.8559046	23.43	0.652
318.5	184.6202228	23.34	0.683
321.7	174.7556358	23.26	0.639
324.8	166.6259865	23.23	0.666
326.9	161.7949854	23.17	0.471
321.4	175.6124958	23.08	0.387
335.9	145.9460296	23	0.31
334	148.7274886	22.91	0.351
341.4	139.278727	22.85	0.37
353.4	130.5013785	22.81	0.394
82.7	147.0253234	22.71	0.207
68.62	160.0379089	22.6	0.174
83.4	146.658692	22.47	0.254
75.59	152.1643807	22.37	0.293
68.4	160.3391006	22.31	0.353
63.3	168.3704292	22.31	0.431
68.08	160.783469	22.33	0.453
64.52	166.2558721	22.28	0.467
63.25	168.4598762	22.2	0.421
60.08	174.6093418	22.06	0.359
57.5	180.3767538	21.98	0.385
61.2	172.3255294	21.93	0.406

330.1	155.335435	25.15	1.443	324.4	167.6049563	25.25
334.6	147.8201441	25.08	1.585	327.6	160.2933984	25.18
336.3	145.3938588	25.09	1.635	327.4	160.717127	25.2
335.3	146.7956779	25.05	1.637	326.3	163.1241775	25.16
338.6	142.43085	25.1	1.962	328.2	159.0470698	25.21
332.1	151.7871691	25.17	1.841	322.2	173.356455	25.27
339.9	140.9079226	25.12	1.378	334.7	147.6715655	25.21
340.8	139.914364	24.97	1.235	333	150.3016928	25.05
337.4	143.9325875	24.86	1.171	328	159.4584123	24.95
337	144.4543929	24.79	1.462	329.2	157.0502204	24.9
333.1	150.1407104	24.74	1.413	327.4	160.717127	24.87
337.4	143.9325875	24.72	1.303	330.6	154.4151969	24.86
337.7	143.5482783	24.74	1.563	328.6	158.2364782	24.89
331.4	152.989316	24.74	1.403	323.6	169.6228634	24.87
333.3	149.8211447	24.65	1.142	325.5	164.9592071	24.77
335.1	147.0846926	24.55	1.022	324.5	167.3583715	24.67
331.6	152.6415793	24.42	1.029	321.3	175.9010607	24.55
324.3	167.8527808	24.4	1.246	317.1	189.4876488	24.57
324.5	167.3583715	24.34	1.207	319.2	182.3192244	24.51
328.5	158.4376272	24.31	1.151	320.7	177.6640101	24.47
337.7	143.5482783	24.34	1.431	326.8	162.0137796	24.52
340.1	140.6829105	24.32	1.06	330.1	155.335435	24.5
335.8	146.0858429	24.27	1.326	326.7	162.2336611	24.48
333.9	148.8813884	24.29	1.076	322.9	171.4565408	24.49
336.2	145.5308449	24.21	1.149	324.9	166.3842917	24.43
331	153.695204	24.11	0.982	319.1	182.6427564	24.32
333.9	148.8813884	23.98	0.865	322.4	172.8067032	24.2
335.2	146.9398193	23.85	0.86	324.7	166.8688935	24.09
335.1	147.0846926	23.78	0.739	325.2	165.6664139	24.05
334.9	147.3766469	23.67	0.739	323.1	170.9259926	23.98
326.2	163.3495837	23.62	0.809	315.8	192.5757179	23.97
329.6	156.2786798	23.59	0.7	318	186.3168781	23.97
332.4	151.2846063	23.59	0.777	320	179.7911758	23.99
331.7	152.4689987	23.54	0.548	321.6	175.0397923	23.93
328.4	158.6397721	23.43	0.455	318.8	183.6236488	23.82
333.2	149.9805289	23.38	0.438	326	163.8037704	23.79
337.3	144.0620273	23.28	0.379	320.6	177.9631823	23.67
345.9	135.1505606	23.22	0.438	330.1	155.335435	23.61
345.3	135.6387698	23.21	0.399	333.2	149.9805289	23.65
63.26	168.441969	23.12	0.236	45.95	170.5315913	23.54
59	176.9345288	22.99	0.292	45.08	168.3020117	23.41
76.55	151.3122053	22.85	0.324	56	184.0842372	23.26
66.65	162.8623631	22.75	0.377	42.77	162.8328182	23.17
57.67	179.9736911	22.71	0.444	39.45	155.9932573	23.14
55.97	184.1612388	22.74	0.562	36.58	150.9207928	23.15
53.88	189.8196792	22.79	0.562	39.18	155.4847936	23.18
58.28	178.5549789	22.77	0.619	36.93	151.5014644	23.22
56.62	182.5183016	22.73	0.58	36.01	149.9965111	23.26
54.72	187.4741461	22.61	0.533	33.7	146.5095784	23.2
54.13	189.1112365	22.51	0.511	31.88	144.0360856	23.13
58.4	178.2808867	22.45	0.541	37.57	152.5897153	23.09

1.659	333.1	150.1407104	150.570661	Yes
1.818	337	144.4543929	146.8612327	Yes
1.945	337.5	143.8038178	144.6704464	Yes
2.031	338.6	142.43085	146.4051112	Yes
2.178	339.6	141.2500277	142.7387677	Yes
2.298	332.7	150.7894808	151.6791788	Yes
1.551	340.5	140.2401479	138.8924334	Yes
1.527	342.6	138.0697036	139.7076755	Yes
1.416	338.2	142.9209771	144.0816958	Yes
1.8	340.8	139.914364	143.349473	Yes
1.683	336	145.8069274	146.7873718	Yes
1.725	339.8	141.0213439	142.4532657	Yes
1.845	340.9	139.8069561	142.5612108	Yes
1.636	333.1	150.1407104	150.9318173	Yes
1.385	333.2	149.9805289	150.0046415	Yes
1.219	334.1	148.5743588	148.850925	Yes
1.33	331.3	153.1644801	153.6816395	Yes
1.548	328.7	158.0363201	163.9116939	Yes
1.421	327.1	161.3606366	164.5256453	Yes
1.438	329.1	157.2454979	157.1010946	Yes
1.723	336.3	145.3938588	145.674901	Yes
1.376	338	143.1699306	142.9819411	Yes
1.649	336.2	145.5308449	146.3733279	Yes
1.409	332.6	150.9537025	152.3151767	Yes
1.493	333.6	149.347741	149.7665558	Yes
1.282	329.8	155.8985853	159.1223626	Yes
1.187	332.6	150.9537025	153.4090095	Yes
1.227	335.5	146.5095784	149.1688433	Yes
1.16	333.1	150.1407104	150.0588827	Yes
1.055	332.9	150.4634796	151.5114116	Yes
1.128	326.2	163.3495837	167.5664114	Yes
0.986	327.4	160.717127	162.5963254	Yes
1.072	329.7	156.0881634	157.3275078	Yes
0.808	330.8	154.0534207	154.8662252	Yes
0.706	328.6	158.2364782	162.0830021	Yes
0.718	333.4	149.6625543	147.489194	Yes
0.597	328.6	158.2364782	151.4023426	Yes
0.654	339.7	141.1353782	139.9635299	Yes
0.653	343.4	137.3085186	140.7850259	Yes
0.232	27.35	138.8157288	155.1490342	Yes
0.271	40.13	157.3042693	161.3120622	Yes
0.366	47.99	176.1620406	161.3365753	Yes
0.41	29.18	140.7726232	153.048087	Yes
0.473	35.24	148.7889559	157.9559637	Yes
0.588	36.38	150.5934906	159.583888	Yes
0.625	39.03	155.2052294	161.1288336	Yes
0.737	34.38	147.4942572	157.5360123	Yes
0.711	33.62	146.3959495	158.2476421	Yes
0.709	31.15	143.1074474	159.1639577	Yes
0.716	27.68	139.1541194	159.3186223	Yes
0.702	35.45	149.113689	159.2509118	Yes

9/13/2019	21:03	21.1	0.284
9/13/2019	21:04	21.02	0.148
9/13/2019	21:05	20.96	0.136
9/13/2019	21:06	20.9	0.208
9/13/2019	21:07	20.82	0.256
9/13/2019	21:08	20.74	0.309
9/13/2019	21:09	20.66	0.376
9/13/2019	21:10	20.6	0.412
9/13/2019	21:11	20.56	0.399
9/13/2019	21:12	20.55	0.432
9/13/2019	21:13	20.54	0.421
9/13/2019	21:14	20.54	0.411
9/13/2019	21:15	20.53	0.447
9/13/2019	21:16	20.51	0.462
9/13/2019	21:17	20.51	0.421
9/13/2019	21:18	20.49	0.307
9/13/2019	21:19	20.44	0.252
9/13/2019	21:20	20.38	0.247
9/13/2019	21:21	20.32	0.375
9/13/2019	21:22	20.25	0.239
9/13/2019	21:23	20.19	0.425
9/13/2019	21:24	20.14	0.346
9/13/2019	21:25	20.1	0.278
9/13/2019	21:26	20.07	0.234
9/13/2019	21:27	20.03	0.249
9/13/2019	21:28	19.99	0.328
9/13/2019	21:29	19.96	0.174
9/13/2019	21:30	19.93	0.148
9/13/2019	21:31	19.89	0.173
9/13/2019	21:32	19.85	0.192
9/13/2019	21:33	19.81	0.076
9/13/2019	21:34	19.78	0.244
9/13/2019	21:35	19.79	0.263
9/13/2019	21:36	19.78	0.313
9/13/2019	21:37	19.78	0.241
9/13/2019	21:38	19.73	0.148
9/13/2019	21:39	19.67	0.165
9/13/2019	21:40	19.58	0.143
9/13/2019	21:41	19.52	0.096
9/13/2019	21:42	19.45	0.178
9/13/2019	21:43	19.39	0.116
9/13/2019	21:44	19.32	0.297
9/13/2019	21:45	19.3	0.333
9/13/2019	21:46	19.31	0.238
9/13/2019	21:47	19.35	0.224
9/13/2019	21:48	19.38	0.227
9/13/2019	21:49	19.4	0.258
9/13/2019	21:50	19.37	0.273
9/13/2019	21:51	19.42	0.382
9/13/2019	21:52	19.43	0.371
9/13/2019	21:53	19.39	0.413

90.7	144.1995259	21.43	0.253
78.06	150.0755427	21.35	0.141
54.1	189.1957803	21.28	0.167
34.46	147.6123434	21.21	0.215
28.35	139.8605862	21.12	0.284
7.235	128.1514981	21.03	0.354
355.8	129.5409061	20.95	0.46
351.3	131.5441627	20.88	0.455
348	133.5834127	20.83	0.461
4.09	128.0210716	20.81	0.475
4.08	128.0212724	20.78	0.516
2.925	128.0707234	20.76	0.496
5.243	128.0240618	20.74	0.512
14.11	129.7998681	20.71	0.53
1.308	128.2275955	20.69	0.451
22.61	134.6116239	20.65	0.367
17.17	131.159789	20.59	0.322
48.92	178.9310187	20.52	0.31
51.5	187.3568179	20.45	0.4
46.34	171.5632972	20.38	0.329
52.68	191.6142343	20.33	0.468
54.42	188.3005121	20.31	0.38
53.5	190.9137326	20.28	0.314
49.52	180.7897097	20.24	0.254
46.42	171.7774606	20.2	0.282
47.33	174.2758967	20.17	0.375
6.481	128.0850179	20.14	0.21
21.33	133.6741735	20.09	0.2
37.01	151.6356133	20.05	0.195
38.5	154.2338617	20.01	0.219
49.62	181.1051921	19.97	0.113
63.99	167.1586245	19.94	0.221
101.4	144.8847909	19.99	0.261
105.3	146.4112828	20.04	0.314
101.8	145.0090396	20.14	0.297
119.3	158.3536654	20.14	0.214
231.4	187.0083138	20.09	0.191
191.1	128.8442293	19.99	0.159
149.9	155.7099409	19.93	0.084
108.9	148.4657012	19.88	0.229
306.1	168.7295603	19.83	0.141
154.6	147.8201441	19.77	0.36
32.33	144.6263159	19.77	0.362
17.69	131.4311719	19.76	0.281
357.8	128.9229071	19.78	0.245
319.9	180.1014276	19.83	0.303
16.82	130.9838225	19.86	0.296
358.9	128.6521114	19.83	0.32
1.842	128.1644557	19.83	0.459
17.66	131.4151903	19.81	0.448
42.04	161.2311688	19.77	0.558

61.93	170.9036645	21.87	0.349
55.01	186.6870353	21.78	0.26
29.15	140.7389354	21.7	0.262
9.1	128.4118509	21.65	0.299
2.668	128.088813	21.6	0.365
346.6	134.6039881	21.55	0.459
333.2	149.9805289	21.51	0.597
327.7	160.0831011	21.49	0.611
329.1	157.2454979	21.46	0.608
337.7	143.5482783	21.5	0.628
339.9	140.9079226	21.54	0.648
337.4	143.9325875	21.58	0.661
339.6	141.2500277	21.56	0.667
345.8	135.2306555	21.57	0.714
337	144.4543929	21.54	0.56
350.4	132.0507649	21.42	0.508
349.9	132.3480491	21.29	0.456
14.08	129.7885016	21.17	0.4
20.14	132.8733651	21.08	0.481
25.67	137.1881381	21	0.452
24.92	136.5114088	20.95	0.588
22.54	134.5582777	20.97	0.502
21.23	133.6042856	20.98	0.42
15.73	130.469914	20.98	0.342
14.18	129.8265362	20.98	0.39
14.55	129.9709035	21.02	0.457
347.4	134.0091067	21.03	0.307
357.3	129.0621204	20.99	0.308
1.399	128.216044	20.96	0.299
3.267	128.0506535	20.92	0.329
13.03	129.4142291	20.88	0.222
26.65	138.1184539	20.85	0.323
63.82	167.453311	20.85	0.28
67.28	161.927462	20.84	0.328
69.23	159.2209022	20.88	0.326
77.65	150.3990027	20.84	0.256
197.6	131.3833467	20.79	0.138
161.3	139.3832047	20.7	0.142
119.7	158.8676643	20.64	0.099
76.36	151.476735	20.6	0.27
298.9	157.8506504	20.55	0.14
152.9	150.4634796	20.53	0.313
0.952	128.2759159	20.53	0.414
349.3	132.7199372	20.55	0.371
344.5	136.3185854	20.6	0.29
288.5	148.2055809	20.66	0.442
353.7	130.3680067	20.71	0.297
333.6	149.347741	20.68	0.393
338.6	142.43085	20.68	0.554
348.5	133.2418584	20.68	0.574
14.07	129.7847211	20.65	0.637

57.08	181.3872153	22.36	0.502	41.48	160.0411663	23.03
48.91	178.9005299	22.27	0.411	38.73	154.6522764	22.98
41.1	159.2522329	22.2	0.394	30.66	142.5037122	22.98
20.65	133.2083564	22.16	0.421	11.18	128.8648553	22.96
12.42	129.2176718	22.13	0.57	2.054	128.1424921	22.93
351.3	131.5441627	22.16	0.634	346.9	134.3772185	22.94
334.9	147.3766469	22.16	0.719	335.3	146.7956779	22.94
327.3	160.9305691	22.18	0.757	328.3	158.8429179	22.98
329.7	156.0881634	22.23	0.817	328.2	159.0470698	23.03
336.9	144.586539	22.36	0.853	332.8	150.6260744	23.13
339.7	141.1353782	22.44	0.881	334.9	147.3766469	23.2
336.8	144.7193684	22.53	0.921	332.6	150.9537025	23.24
338.9	142.0699862	22.46	0.864	333.9	148.8813884	23.18
343.6	137.1236975	22.49	0.914	335.2	146.9398193	23.2
335.3	146.7956779	22.37	0.675	327	161.577273	22.98
344.8	136.0597477	22.12	0.643	335.7	146.2263702	22.62
348.1	133.514148	21.88	0.57	339.8	141.0213439	22.38
9.35	128.4571859	21.72	0.533	353.7	130.3680067	22.23
18.34	131.7872857	21.61	0.607	2.766	128.0816105	22.11
27.1	138.5635199	21.51	0.626	12.02	129.09704	21.99
24.33	136.0000296	21.5	0.743	7.815	128.2178	21.96
20.93	133.3974946	21.59	0.629	5.965	128.0523377	21.99
18.43	131.8380848	21.65	0.542	0.63	128.3239212	22.06
15.83	130.5149276	21.68	0.48	358	128.870052	22.08
15.05	130.1751417	21.71	0.512	0.034	128.4235787	22.1
16.35	130.7559287	21.77	0.62	0.917	128.2809359	22.14
0.652	128.3205112	21.81	0.497	350.4	132.0507649	22.17
1.265	128.2331672	21.79	0.46	351.2	131.5986579	22.19
1.648	128.1860992	21.77	0.412	353.8	130.3244035	22.16
4.218	128.0188453	21.73	0.452	355.1	129.7960751	22.13
10.88	128.7888361	21.69	0.367	1.249	128.2352589	22.09
22.64	134.634561	21.66	0.436	6.715	128.1032683	22.05
46.95	173.2184914	21.61	0.328	19.6	132.5319155	22.02
48.11	176.5118996	21.58	0.4	18.83	132.0682809	22.02
52.78	191.9877192	21.58	0.369	26.78	138.2458591	22.01
59.85	175.0941838	21.5	0.282	18.87	132.091699	21.95
148.8	157.837148	21.43	0.107	25.38	136.9228923	21.89
102.8	145.3516416	21.35	0.143	42.25	161.6859944	21.83
56.36	183.169119	21.29	0.187	11.95	129.0765992	21.76
68.95	159.5926378	21.23	0.353	42.73	162.7435468	21.7
40.58	158.1963675	21.15	0.238	23.39	135.2226232	21.66
171.1	131.6535994	21.16	0.501	28.9	140.4603245	21.7
9.17	128.424295	21.19	0.557	352.1	131.1241663	21.7
346	135.0709716	21.21	0.452	342.5	138.1673439	21.69
343.8	136.9410396	21.28	0.365	334.5	147.9694733	21.76
289.3	148.733998	21.31	0.488	289.4	148.802358	21.77
341.4	139.278727	21.36	0.361	324.8	166.6259865	21.83
328	159.4584123	21.35	0.461	319.8	180.4133026	21.86
333.1	150.1407104	21.31	0.687	327.9	159.6656133	21.85
345.1	135.8056071	21.31	0.661	336.1	145.6685335	21.84
10.06	128.5994727	21.3	0.755	354.2	130.1542428	21.81

0.663	36.46	150.7240206	161.4511185	Yes
0.609	33.62	146.3959495	163.3422668	Yes
0.682	26.31	137.7896953	153.8960712	Yes
0.702	15.87	130.533053	133.7260918	Yes
0.873	8.12	128.2579679	130.7135062	Yes
0.937	357.5	129.00522	131.5364175	Yes
1.022	353.7	130.3680067	140.8123533	Yes
1.131	347.4	134.0091067	149.0819715	Yes
1.126	344.1	136.6710803	148.5270448	Yes
1.205	345.5	135.4739906	140.4511908	Yes
1.239	346.7	134.5279034	138.3938247	Yes
1.265	344.9	135.9745142	140.7301792	Yes
1.227	347.1	134.2285045	138.8907937	Yes
1.227	344.2	136.5821614	137.1352404	Yes
0.839	337.7	143.5482783	144.9206435	Yes
0.819	345.9	135.1505606	136.8198134	Yes
0.74	349.5	132.5941263	134.1274913	Yes
0.662	355	129.8341932	139.4757812	Yes
0.684	7.72	128.2060356	141.661023	Yes
0.716	13.67	129.6369174	141.2097825	Yes
0.795	14.12	129.8036653	144.4294276	Yes
0.752	13.15	129.4546949	142.7526634	Yes
0.664	9.62	128.5089327	142.6377914	Yes
0.596	7.15	128.1428902	139.7574987	Yes
0.625	9.78	128.5409646	137.7487363	Yes
0.776	9.97	128.5803258	138.3727981	Yes
0.657	359.4	128.5450401	130.2020882	Yes
0.645	0.431	128.3556345	130.1847507	Yes
0.573	4.717	128.0162669	133.2756854	Yes
0.644	3.65	128.0335989	133.6266069	Yes
0.518	11.83	129.0420207	139.3171074	Yes
0.564	12.47	129.2332097	139.4496235	Yes
0.424	20.8	133.3092177	150.2795453	Yes
0.502	19.03	132.1860994	149.8210049	Yes
0.435	15.83	130.5149276	152.9956895	Yes
0.341	5.998	128.0541163	148.7985335	Yes
0.231	347.9	133.6531567	149.3609715	Yes
0.23	358.6	128.7211479	140.7972436	Yes
0.302	4.476	128.0162998	150.9679246	Yes
0.39	37.83	153.0417742	155.064079	Yes
0.388	15.6	130.4120364	150.0822476	Yes
0.404	41.87	160.8664255	146.2527946	Yes
0.643	6.229	128.067758	132.1036902	Yes
0.504	355.1	129.7960751	133.4370999	Yes
0.427	344.3	136.4937737	137.3291558	Yes
0.512	304.4	165.7885774	158.3263884	Yes
0.399	330.2	155.1495646	144.4812214	Yes
0.57	327.3	160.9305691	155.7604273	Yes
0.753	338.3	142.7974765	144.6398212	Yes
0.817	344.6	136.2317817	136.4725942	Yes
0.882	359.1	128.6080861	135.6755383	Yes

9/13/2019	21:54	19.37	0.175
9/13/2019	21:55	19.35	0.389
9/13/2019	21:56	19.34	0.395
9/13/2019	21:57	19.34	0.407
9/13/2019	21:58	19.3	0.374
9/13/2019	21:59	19.25	0.327
9/13/2019	22:00	19.2	0.237
9/13/2019	22:01	19.16	0.343
9/13/2019	22:02	19.13	0.342
9/13/2019	22:03	19.13	0.427
9/13/2019	22:04	19.16	0.377
9/13/2019	22:05	19.25	0.401
9/13/2019	22:06	19.35	0.382
9/13/2019	22:07	19.39	0.287
9/13/2019	22:08	19.43	0.282
9/13/2019	22:09	19.47	0.263
9/13/2019	22:10	19.51	0.313
9/13/2019	22:11	19.56	0.275
9/13/2019	22:12	19.52	0.128
9/13/2019	22:13	19.46	0.197
9/13/2019	22:14	19.38	0.077
9/13/2019	22:15	19.31	0.134
9/13/2019	22:16	19.22	0.106
9/13/2019	22:17	19.14	0.047
9/13/2019	22:18	19.04	0.12
9/13/2019	22:19	18.96	0.142
9/13/2019	22:20	18.9	0.126
9/13/2019	22:21	18.83	0.172
9/13/2019	22:22	18.76	0.197
9/13/2019	22:23	18.69	0.264
9/13/2019	22:24	18.61	0.216
9/13/2019	22:25	18.54	0.269
9/13/2019	22:26	18.46	0.299
9/13/2019	22:27	18.4	0.284
9/13/2019	22:28	18.35	0.307
9/13/2019	22:29	18.28	0.305
9/13/2019	22:30	18.23	0.215
9/13/2019	22:31	18.19	0.27
9/13/2019	22:32	18.17	0.314
9/13/2019	22:33	18.15	0.274
9/13/2019	22:34	18.11	0.243
9/13/2019	22:35	18.07	0.215
9/13/2019	22:36	18.02	0.163
9/13/2019	22:37	17.97	0.138
9/13/2019	22:38	17.93	0.143
9/13/2019	22:39	17.89	0.097
9/13/2019	22:40	17.84	0.14
9/13/2019	22:41	17.79	0.135
9/13/2019	22:42	17.74	0.076
9/13/2019	22:43	17.7	0.138
9/13/2019	22:44	17.65	0.157

0.406	128.3597292	19.72	0.241
0.455	128.3517269	19.66	0.467
2.341	128.1155641	19.61	0.489
12.57	129.264592	19.58	0.508
25.61	137.1328871	19.53	0.488
31.97	144.1530352	19.46	0.473
43.95	165.5478098	19.41	0.367
43.21	163.8265985	19.36	0.485
52.83	192.1752279	19.34	0.44
55.7	184.8594495	19.35	0.55
68.43	160.297823	19.39	0.447
79.34	149.1234851	19.5	0.493
72.54	155.22981	19.64	0.457
73.26	154.4554679	19.7	0.35
85.5	145.6994008	19.74	0.345
93.6	143.8875148	19.8	0.335
104.5	146.0402375	19.86	0.321
117.8	156.5227599	19.97	0.273
127.9	172.1277015	19.98	0.185
146.5	162.6767095	19.96	0.246
184.2	128.0191197	19.91	0.126
77.24	150.7315951	19.84	0.171
3.909	128.0253105	19.76	0.142
308.7	173.7380647	19.67	0.092
266.8	145.2090977	19.58	0.152
268.3	144.7396894	19.48	0.155
268.8	144.6058796	19.42	0.195
234.2	188.9144624	19.36	0.247
221.5	160.0831011	19.29	0.259
226.8	172.8067032	19.21	0.35
226.9	173.0808789	19.11	0.354
227.2	173.9118416	19.03	0.432
224.7	167.3583715	18.93	0.453
226.9	173.0808789	18.86	0.468
227.8	175.6124958	18.78	0.495
228	176.1911131	18.67	0.492
222.9	163.1241775	18.59	0.397
215.7	149.5047542	18.53	0.462
213	145.5308449	18.5	0.543
215.6	149.347741	18.5	0.482
232.9	192.4386028	18.47	0.442
245.5	164.6488595	18.41	0.349
241.7	171.3461128	18.33	0.295
218.9	154.96461	18.26	0.258
204.1	135.8056071	18.2	0.237
157.9	143.2953883	18.15	0.202
142.5	172.5339195	18.09	0.265
125.5	167.6628412	18.04	0.218
155	147.2303008	17.99	0.135
100.2	144.5555056	17.94	0.184
36.73	151.1684155	17.89	0.135

350.2	132.1683105	20.57	0.352
338.2	142.9209771	20.45	0.564
337.9	143.2953883	20.39	0.613
350.7	131.8778474	20.37	0.637
3.767	128.0295306	20.29	0.595
7.324	128.1608146	20.2	0.602
25.5	137.032099	20.12	0.516
18.84	132.0741286	20.06	0.579
31.01	142.9333629	20.02	0.543
25.74	137.2528443	20.02	0.607
41.22	159.4997707	20.05	0.576
50.2	182.967997	20.1	0.612
39.18	155.4847936	20.17	0.554
45.93	170.4792301	20.19	0.471
51.21	186.3512746	20.19	0.435
60.17	174.4211149	20.22	0.413
70.14	158.0505483	20.28	0.399
80.1	148.5988232	20.37	0.321
87.7	144.915171	20.39	0.235
116.3	154.8386144	20.39	0.215
131.6	180.1392477	20.38	0.177
49.5	180.726811	20.38	0.256
348.7	133.1085592	20.36	0.209
336.2	145.5308449	20.31	0.128
253.9	153.7939153	20.24	0.135
245.7	164.3305874	20.14	0.138
254.6	153.0985737	20.07	0.223
228.9	178.8700569	20	0.246
214.5	147.6715655	19.92	0.28
214.5	147.6715655	19.83	0.38
212.3	144.586539	19.75	0.443
213.8	146.6522652	19.7	0.547
210.6	142.43085	19.62	0.563
211.4	143.4215034	19.57	0.565
208.3	139.8069561	19.5	0.547
209.1	140.6829105	19.3	0.544
202	134.1548834	19.17	0.471
197.5	131.3306282	19.07	0.514
194.1	129.7960751	19.02	0.586
194.5	129.9510588	19.03	0.547
208	139.4882645	19.03	0.546
217.8	152.989316	18.94	0.445
208.2	139.7001382	18.84	0.373
191.7	129.00522	18.75	0.255
189.1	128.4118509	18.67	0.214
156.5	145.1219829	18.59	0.157
136.1	192.0882584	18.51	0.194
119.3	158.3536654	18.44	0.143
133.7	185.382728	18.37	0.15
82.1	147.3585869	18.3	0.12
24.88	136.4761598	18.22	0.158

356.7	129.2425815	21.21	0.513	351.9	131.2265166	21.71
341.4	139.278727	21.05	0.66	336	145.8069274	21.54
336.2	145.5308449	20.98	0.739	328.8	157.837148	21.48
347.6	133.8652759	20.95	0.765	338.6	142.43085	21.44
1.164	128.2465401	20.86	0.744	347.4	134.0091067	21.37
2.709	128.085754	20.76	0.749	348.5	133.2418584	21.31
22.25	134.3398556	20.66	0.679	7.381	128.1669446	21.21
18.12	131.6646414	20.61	0.757	1.861	128.1624154	21.12
26.87	138.3346179	20.56	0.708	13.06	129.4242899	21.05
27.91	139.3936845	20.54	0.764	10.11	128.6102494	21
38.88	154.9277285	20.58	0.668	22.81	134.7653841	21.02
46.87	172.9984796	20.63	0.686	30.94	142.8467989	21.04
35.68	149.4732887	20.66	0.642	19.3	132.3480491	21.05
41.5	160.0831011	20.65	0.54	31.24	143.2200349	21.01
43.05	163.4627074	20.64	0.517	25.15	136.7157394	21.02
50.86	185.1582482	20.67	0.501	35.15	148.6508276	21.1
60.18	174.4002524	20.75	0.491	38.36	153.9814936	21.21
63.02	168.8742189	20.85	0.396	34.89	148.2552777	21.28
64.37	166.5089328	20.86	0.28	39.97	156.9918249	21.29
93.5	143.8921176	20.86	0.267	57.47	180.4482351	21.28
88.5	144.6848135	20.86	0.226	46.95	173.2184914	21.26
40.55	158.1362756	20.87	0.359	22.53	134.5506767	21.26
18.7	131.9926732	20.86	0.251	7.939	128.2336892	21.22
15.86	130.5285152	20.82	0.221	5.632	128.0367686	21.17
302.5	162.7870502	20.77	0.18	331.6	152.6415793	21.1
267.5	144.9772949	20.7	0.156	324.5	167.3583715	21.05
276.5	143.9447385	20.63	0.188	289.3	148.733998	21
243.9	167.3143222	20.56	0.182	254.1	153.5922617	20.92
236.1	183.8283932	20.49	0.191	248.5	160.201762	20.85
226.2	171.1905949	20.43	0.318	238.2	178.7386118	20.81
225.7	169.8808638	20.38	0.429	238.6	177.8276612	20.79
218.3	153.8738695	20.34	0.53	226.8	172.8067032	20.77
217.9	153.1644801	20.33	0.588	225.5	169.3661605	20.77
215.6	149.347741	20.32	0.594	225	168.1018522	20.8
207.3	138.7650022	20.32	0.622	210.8	142.6746234	20.84
203.6	135.3923691	20.12	0.698	209.1	140.6829105	20.8
202	134.1548834	20.04	0.581	218.6	154.4151969	20.84
200.7	133.2418584	20.01	0.563	215.9	149.8211447	20.87
197.2	131.1751217	19.91	0.641	203.7	135.4739906	20.79
201.9	134.0817512	19.87	0.562	216.3	150.4634796	20.75
205.3	136.8505178	19.88	0.647	211.6	143.6757156	20.79
207.2	138.6639767	19.77	0.621	211.5	143.5482783	20.68
208.8	140.3499361	19.69	0.527	214.8	148.1195561	20.6
206.5	137.9726212	19.6	0.416	208.9	140.4603245	20.5
202.5	134.5279034	19.48	0.358	208.3	139.8069561	20.36
177.2	129.0911795	19.37	0.21	198	131.5986579	20.23
154.4	148.1195561	19.25	0.199	170.7	131.8778474	20.1
128.3	172.92492	19.12	0.117	149.9	155.7099409	19.93
160.1	140.6829105	19	0.156	182.7	128.0864199	19.78
97.5	144.0500767	18.9	0.092	135.1	189.1957803	19.65
32.67	145.0814416	18.79	0.12	33.84	146.709543	19.53

0.668	0.346	128.3696573	129.873359	Yes
0.791	350.4	132.0507649	137.6818247	Yes
0.861	338.3	142.7974765	143.5152844	Yes
0.894	343.3	137.4017445	134.968062	Yes
0.856	349.6	132.5319155	131.989996	Yes
0.929	351.7	131.3306282	132.9944181	Yes
0.826	6.896	128.1188545	138.6411127	Yes
0.872	5.398	128.0284174	136.7512402	Yes
0.83	13.26	129.49231	146.4719617	Yes
0.887	15.2	130.2384741	144.0709404	Yes
0.756	21.38	133.7092977	148.6400008	Yes
0.764	28.07	139.5621538	157.4997829	Yes
0.774	20.09	132.8411795	145.0754242	Yes
0.696	29.36	140.975902	153.8427472	Yes
0.67	26.68	138.1477711	154.0753787	Yes
0.581	37	151.6188155	160.7473042	Yes
0.56	36.68	151.0856693	156.7116402	Yes
0.477	30.8	142.6746234	152.9851406	Yes
0.368	33.51	146.2404623	157.3568185	Yes
0.347	44.15	166.0240078	161.5759369	Yes
0.311	29.6	141.2500277	153.46234	Yes
0.446	23.97	135.6969282	151.9684573	Yes
0.382	11.53	128.9581291	130.0636722	Yes
0.357	7.048	128.1329344	141.1934256	Yes
0.29	354.8	129.9116845	148.8686654	Yes
0.247	354.3	130.1127622	150.3037411	Yes
0.253	331.6	152.6415793	148.6049538	Yes
0.166	318.5	184.6202228	174.6622652	Yes
0.165	307.5	171.3461128	164.6261869	Yes
0.19	281.2	144.8253918	163.0465734	Yes
0.273	275.3	143.8763375	161.8504561	Yes
0.375	250.5	157.6032138	160.9695787	Yes
0.491	236.3	183.3205043	163.1280733	Yes
0.48	242.8	169.2750169	160.6453985	Yes
0.473	242.4	170.0150814	153.3748318	Yes
0.615	234.5	188.0789318	156.205647	Yes
0.46	250.9	157.1163888	148.593106	Yes
0.488	238.4	178.2808867	148.4358544	Yes
0.612	225.4	169.1107479	142.217356	Yes
0.352	248.7	159.929249	144.7546559	Yes
0.532	236.9	181.8267455	158.8559693	Yes
0.714	247.2	162.0444998	152.3789861	Yes
0.674	253.4	154.3086209	150.7648728	Yes
0.631	241.1	172.5243387	146.9854229	Yes
0.605	235.7	184.8594495	144.6823534	Yes
0.451	238.3	178.509184	145.5232785	Yes
0.331	222.9	163.1241775	161.5487518	Yes
0.142	200.9	133.3770516	157.6056838	Yes
0.288	253.4	154.3086209	151.138196	Yes
0.154	267.4	145.0090396	154.0337978	Yes
0.097	322.7	171.9924951	150.285611	Yes

9/13/2019	22:45	17.59	0.138
9/13/2019	22:46	17.54	0.158
9/13/2019	22:47	17.49	0.09
9/13/2019	22:48	17.44	0.068
9/13/2019	22:49	17.38	0.15
9/13/2019	22:50	17.34	0.203
9/13/2019	22:51	17.31	0.243
9/13/2019	22:52	17.27	0.278
9/13/2019	22:53	17.22	0.248
9/13/2019	22:54	17.18	0.26
9/13/2019	22:55	17.13	0.252
9/13/2019	22:56	17.1	0.224
9/13/2019	22:57	17.06	0.152
9/13/2019	22:58	17.03	0.134
9/13/2019	22:59	17	0.112
9/13/2019	23:00	16.97	0.084
9/13/2019	23:01	16.94	0.07
9/13/2019	23:02	16.91	0.088
9/13/2019	23:03	16.88	0.087
9/13/2019	23:04	16.85	0.139
9/13/2019	23:05	16.81	0.059
9/13/2019	23:06	16.79	0.132
9/13/2019	23:07	16.77	0.15
9/13/2019	23:08	16.78	0.226
9/13/2019	23:09	16.77	0.226
9/13/2019	23:10	16.76	0.147
9/13/2019	23:11	16.75	0.13
9/13/2019	23:12	16.72	0.097
9/13/2019	23:13	16.69	0.143
9/13/2019	23:14	16.67	0.19
9/13/2019	23:15	16.63	0.158
9/13/2019	23:16	16.6	0.178
9/13/2019	23:17	16.61	0.161
9/13/2019	23:18	16.65	0.201
9/13/2019	23:19	16.69	0.206
9/13/2019	23:20	16.74	0.262
9/13/2019	23:21	16.77	0.263
9/13/2019	23:22	16.79	0.247
9/13/2019	23:23	16.81	0.306
9/13/2019	23:24	16.79	0.235
9/13/2019	23:25	16.76	0.355
9/13/2019	23:26	16.73	0.391
9/13/2019	23:27	16.71	0.333
9/13/2019	23:28	16.69	0.4
9/13/2019	23:29	16.68	0.398
9/13/2019	23:30	16.69	0.408
9/13/2019	23:31	16.72	0.354
9/13/2019	23:32	16.73	0.274
9/13/2019	23:33	16.76	0.267
9/13/2019	23:34	16.77	0.254
9/13/2019	23:35	16.79	0.289

65.84	164.1097161	17.82	0.197
89.8	144.3719327	17.77	0.242
67.1	162.1914802	17.72	0.121
91.7	144.0500767	17.67	0.084
110.9	149.8904009	17.62	0.245
113.8	152.3392627	17.6	0.361
134.1	186.4450707	17.61	0.439
144.4	167.6049563	17.6	0.419
155.9	145.9460296	17.55	0.281
165.2	135.7219305	17.48	0.302
162.3	138.3643054	17.41	0.309
165.5	135.4739906	17.36	0.267
203.1	134.9918873	17.3	0.168
202.5	134.5279034	17.24	0.126
184	128.0230196	17.2	0.101
183.4	128.0440822	17.16	0.059
214.1	147.0846926	17.11	0.04
247.3	161.8982783	17.07	0.049
150.1	155.335435	17.03	0.126
4.848	128.0171992	17.01	0.15
38.27	153.820177	16.97	0.063
91.8	144.0375611	16.96	0.133
77.94	150.1692741	16.96	0.18
87.2	145.0738969	16.99	0.285
90.7	144.1995259	17.03	0.265
92.8	143.936624	17.04	0.175
71.51	156.3943585	17.03	0.162
37.42	152.3315486	17.04	0.112
69.15	159.3265474	17.03	0.196
58.62	177.7825844	17.01	0.251
31.82	143.9584218	16.96	0.198
13.67	129.6369174	16.9	0.195
344.3	136.4937737	16.85	0.238
338.5	142.5524154	16.84	0.293
328.7	158.0363201	16.88	0.319
332.8	150.6260744	16.93	0.387
343.9	136.8505178	16.96	0.37
333.7	149.1915112	16.98	0.339
6.493	128.0859017	16.99	0.4
23.49	135.3031748	16.96	0.293
16.07	130.6247115	16.91	0.403
12.25	129.1656065	16.86	0.431
8.51	128.3146661	16.82	0.372
15.29	130.2769319	16.78	0.439
11.06	128.834013	16.76	0.414
10.66	128.7353877	16.75	0.542
6.968	128.1254112	16.76	0.442
4.885	128.0175837	16.75	0.358
356.9	129.1807975	16.76	0.36
350.7	131.8778474	16.77	0.35
355.5	129.6477719	16.78	0.382

38.79	154.7622123	18.13	0.16
62.35	170.1086287	18.06	0.21
60.56	173.6150658	17.99	0.115
71.74	156.1284193	17.93	0.113
87.1	145.1070106	17.88	0.201
103.2	145.5015641	17.85	0.261
117	155.6067462	17.85	0.368
122.9	163.3950032	17.85	0.472
128.5	173.3294827	17.83	0.443
133.7	185.382728	17.76	0.448
134.3	186.9842516	17.71	0.451
133.9	185.9112491	17.66	0.392
166.8	134.4523139	17.59	0.295
162.1	138.5635199	17.52	0.278
133.7	185.382728	17.46	0.245
116.8	155.3841351	17.41	0.176
165.2	135.7219305	17.36	0.134
246.8	162.6370044	17.31	0.141
116.2	154.7313813	17.29	0.193
78.91	149.4336533	17.31	0.161
121.5	161.3209223	17.28	0.089
80.3	148.4657012	17.28	0.129
63.49	168.0325605	17.28	0.182
68.93	159.6194028	17.32	0.251
74.92	152.7903671	17.4	0.296
81.3	147.8305829	17.43	0.267
57.67	179.9736911	17.49	0.234
35.98	149.9485884	17.5	0.188
39.08	155.2981874	17.51	0.232
27.66	139.1334324	17.53	0.311
6.348	128.0755992	17.55	0.302
345	135.8898012	17.55	0.328
321.6	175.0397923	17.54	0.376
312.4	192.5757179	17.56	0.417
307.5	171.3461128	17.6	0.453
309.3	174.9883145	17.62	0.538
313.8	192.5757179	17.61	0.545
309.7	175.8426324	17.57	0.456
329.9	155.7099409	17.54	0.529
350.3	132.1093104	17.49	0.45
344.4	136.4059155	17.44	0.564
340.1	140.6829105	17.36	0.608
336.6	144.9870876	17.29	0.509
340.8	139.914364	17.24	0.619
340.9	139.8069561	17.21	0.613
338.9	142.0699862	17.22	0.644
336	145.8069274	17.23	0.59
332	151.9563603	17.22	0.496
327.7	160.0831011	17.22	0.493
323.1	170.9259926	17.24	0.512
325.4	165.1937679	17.26	0.525

46.7	172.5339195	18.66	0.116	45.86	170.2963822	19.4
65.84	164.1097161	18.53	0.188	68.96	159.579266	19.28
71.39	156.5344718	18.43	0.112	67.94	160.9802374	19.14
52.09	189.451567	18.34	0.094	55.98	184.1355588	19.02
86.4	145.3516416	18.25	0.199	96.3	143.9289489	18.89
104.2	145.9089029	18.21	0.249	110.7	149.7384694	18.8
116.5	155.0549457	18.2	0.365	122.3	162.4877295	18.73
125.7	168.0148666	18.2	0.543	131.9	180.8553063	18.68
134.4	187.2558705	18.18	0.593	138.1	185.9739218	18.64
140.5	178.2639076	18.16	0.66	144.5	167.3583715	18.64
141.8	174.472931	18.21	0.697	146	163.8037704	18.7
143	171.1905949	18.21	0.564	144	168.6037636	18.78
160.7	140.0223639	18.12	0.42	151	153.695204	18.75
161.6	139.0715101	18.01	0.403	153.5	149.5047542	18.76
152.1	151.7871691	17.93	0.341	147.7	160.0831011	18.8
150.8	154.0534207	17.88	0.285	143.1	170.9259926	18.84
155.3	146.7956779	17.84	0.219	139.1	182.6427564	18.88
173.3	130.5466922	17.8	0.185	155	147.2303008	18.92
141.2	176.1911131	17.83	0.316	156.5	145.1219829	18.97
126.6	169.6432085	17.93	0.282	147.3	160.9305691	19.02
121	160.6159553	17.92	0.194	157.4	143.9325875	19
97.7	144.0764313	17.98	0.218	142.2	173.356455	19.01
74.01	153.6827086	17.97	0.206	92.1	144.0026586	19
80.7	148.2055809	17.97	0.286	95.1	143.8710782	18.98
71.93	155.9113038	18	0.319	82.9	146.9181461	18.93
71.06	156.9246374	17.99	0.282	78.37	149.8369821	18.86
71.64	156.2436245	18.03	0.318	74.15	153.542223	18.81
58.73	177.5354561	18.06	0.305	53.92	189.705729	18.77
48.25	176.922812	18.08	0.364	43.25	163.9180245	18.78
35.61	149.363407	18.12	0.556	28.6	140.1309578	18.85
19.67	132.5754146	18.26	0.571	14.92	130.1210245	19.04
3.026	128.0643209	18.28	0.53	2.687	128.0873873	19.15
342.2	138.4636301	18.26	0.55	348.2	133.4453614	19.1
326.2	163.3495837	18.26	0.59	335.1	147.0846926	19.04
319.8	180.4133026	18.32	0.695	325.5	164.9592071	19.08
317.4	188.4136263	18.37	0.794	320.9	177.070287	19.07
320.7	177.6640101	18.36	0.797	320.9	177.070287	19.05
318.4	184.9559525	18.28	0.657	317.3	188.7697038	19.02
332.6	150.9537025	18.2	0.743	326.5	162.6767095	18.97
347.5	133.9369487	18.1	0.609	337.2	144.1921397	18.88
344.1	136.6710803	17.99	0.711	334.3	148.2703958	18.71
340.6	140.1309578	17.85	0.782	331.4	152.989316	18.46
338.7	142.3099249	17.72	0.659	330.4	154.7805667	18.27
342.9	137.780123	17.63	0.757	333.6	149.347741	18.17
343.7	137.032099	17.59	0.798	335	147.2303008	18.09
341.7	138.968767	17.59	0.837	335.4	146.6522652	18.08
340.6	140.1309578	17.6	0.743	334.1	148.5743588	18.04
338.5	142.5524154	17.58	0.621	332.8	150.6260744	17.99
334.6	147.8201441	17.58	0.628	330.4	154.7805667	17.98
332.3	151.4512959	17.63	0.676	330.3	154.96461	18.05
332.1	151.7871691	17.68	0.693	329.2	157.0502204	18.11

0.101	348.9	132.977145	158.935875	Yes
0.1	42.58	162.4103531	160.1159793	Yes
0.144	2.771	128.0812531	156.2805016	Yes
0.12	11.59	128.9746159	160.5480475	Yes
0.124	80	148.6661534	146.5888311	Yes
0.183	81.1	147.9535689	148.2883536	Yes
0.29	103.9	145.7817973	161.0752579	Yes
0.48	135.2	189.4785153	173.8697295	Yes
0.604	147.4	160.717127	170.6444863	Yes
0.709	150.6	154.4151969	164.2284269	Yes
0.797	148	159.4584123	164.6167341	Yes
0.842	149.6	156.2786798	163.4916556	Yes
0.764	161.1	139.5939084	140.5511355	Yes
0.682	174.8	129.9116845	138.3158744	Yes
0.59	174.9	129.8727295	151.0297494	Yes
0.472	177.6	128.9773778	147.4770017	Yes
0.404	178.2	128.8188092	148.2127733	Yes
0.418	184.5	128.016195	146.0656941	Yes
0.381	177.7	128.9499403	152.0659705	Yes
0.388	173.6	130.4120364	147.6873333	Yes
0.268	182.7	128.0864199	149.5552124	Yes
0.19	162.8	137.8760949	149.5624487	Yes
0.232	148.9	157.6389568	154.7052317	Yes
0.197	123	163.5489495	152.0637816	Yes
0.249	102.9	145.3884291	149.0415544	Yes
0.326	110.3	149.4409821	149.5939617	Yes
0.356	89.2	144.5069269	158.1321648	Yes
0.337	78.28	149.9057115	163.8854067	Yes
0.461	67.48	161.6369825	163.4205108	Yes
0.602	51.89	188.7340096	159.0288782	Yes
0.74	37.22	151.9902994	137.3441519	Yes
0.808	25.55	137.0778307	131.7512515	Yes
0.776	11.52	128.9553955	142.4795906	Yes
0.771	352.3	131.0235708	155.3171961	Yes
0.829	341.3	139.3832047	162.8276295	Yes
1.013	330.5	154.5974305	169.1391465	Yes
1.096	331.7	152.4689987	167.3259063	Yes
1.043	327.4	160.717127	171.8953854	Yes
1.162	337	144.4543929	148.3761295	Yes
0.973	339.7	141.1353782	137.3353903	Yes
1	339.8	141.0213439	138.5986894	Yes
1.035	339.7	141.1353782	140.8208338	Yes
1.006	340.5	140.2401479	142.1264787	Yes
1.113	342.6	138.0697036	139.0777727	Yes
1.126	344.4	136.4059155	137.8618569	Yes
1.102	344.9	135.9745142	138.4801841	Yes
0.962	343.4	137.3085186	139.9892348	Yes
0.838	345.7	135.3112579	141.6927384	Yes
0.928	347.1	134.2285045	145.2186228	Yes
0.985	345.2	135.7219305	148.9883353	Yes
0.957	343.8	136.9410396	148.1239938	Yes

9/13/2019	23:36	16.8	0.326
9/13/2019	23:37	16.79	0.35
9/13/2019	23:38	16.79	0.331
9/13/2019	23:39	16.81	0.388
9/13/2019	23:40	16.86	0.311
9/13/2019	23:41	16.87	0.371
9/13/2019	23:42	16.89	0.34
9/13/2019	23:43	16.94	0.424
9/13/2019	23:44	17.02	0.467
9/13/2019	23:45	17.12	0.501
9/13/2019	23:46	17.23	0.498
9/13/2019	23:47	17.31	0.554
9/13/2019	23:48	17.45	0.735
9/13/2019	23:49	17.6	0.771
9/13/2019	23:50	17.76	0.706
9/13/2019	23:51	17.89	0.626
9/13/2019	23:52	18	0.76
9/13/2019	23:53	18.13	0.7
9/13/2019	23:54	18.22	0.727
9/13/2019	23:55	18.28	0.722
9/13/2019	23:56	18.35	0.733
9/13/2019	23:57	18.4	0.755
9/13/2019	23:58	18.45	0.762
9/13/2019	23:59	18.48	0.782
9/14/2019	00:00	18.52	0.8
9/14/2019	00:01	18.57	0.751
9/14/2019	00:02	18.62	0.866
9/14/2019	00:03	18.69	0.997
9/14/2019	00:04	18.77	0.969
9/14/2019	00:05	18.84	0.999
9/14/2019	00:06	18.96	1.002
9/14/2019	00:07	19.04	0.958
9/14/2019	00:08	19.09	0.552
9/14/2019	00:09	19.09	0.763
9/14/2019	00:10	19.08	0.809
9/14/2019	00:11	19.05	0.585
9/14/2019	00:12	19.02	0.532
9/14/2019	00:13	18.97	0.581
9/14/2019	00:14	18.9	0.358
9/14/2019	00:15	18.82	0.32
9/14/2019	00:16	18.73	0.318
9/14/2019	00:17	18.63	0.204
9/14/2019	00:18	18.52	0.212
9/14/2019	00:19	18.42	0.156
9/14/2019	00:20	18.33	0.156
9/14/2019	00:21	18.24	0.192
9/14/2019	00:22	18.14	0.17
9/14/2019	00:23	18.03	0.158
9/14/2019	00:24	17.93	0.246
9/14/2019	00:25	17.82	0.279
9/14/2019	00:26	17.7	0.216

0.501	128.3443008	16.79	0.381
0.002	128.429327	16.79	0.409
357.5	129.00522	16.79	0.392
353.2	130.5924354	16.81	0.512
340.3	140.4603245	16.86	0.436
346.4	134.7576487	16.88	0.411
352.3	131.0235708	16.9	0.443
343.4	137.3085186	16.96	0.572
351.8	131.2783518	17.05	0.676
357.5	129.00522	17.15	0.658
353.9	130.2812262	17.25	0.686
0.926	128.2796404	17.33	0.733
4.665	128.0160824	17.45	0.904
3.337	128.0471088	17.6	0.91
5.847	128.0463255	17.77	0.947
8.9	128.3773651	17.91	0.893
11.67	128.9968249	18.02	0.913
14.06	129.7809448	18.16	0.951
13.84	129.6989205	18.25	0.865
13.08	129.4310178	18.32	0.952
9.51	128.4875012	18.39	0.948
9.8	128.5450401	18.44	0.992
9.83	128.5511834	18.47	0.908
5.826	128.0453125	18.49	0.95
8.32	128.2862952	18.52	1.012
2.32	128.1174251	18.57	0.971
0.918	128.2807918	18.62	1.107
3.177	128.0554921	18.69	1.187
1.922	128.1559605	18.77	1.097
1.841	128.1645635	18.84	1.218
10.19	128.6276998	18.97	1.129
8.92	128.3807425	19.04	1.086
13.49	129.5725744	19.1	0.853
21.92	134.0963386	19.11	0.798
23.02	134.9289823	19.11	0.927
19.16	132.263659	19.09	0.812
28.15	139.6469499	19.06	0.771
27.89	139.3727308	19.01	0.674
32.99	145.5171147	18.94	0.505
44.25	166.2638968	18.85	0.479
41.37	159.8112647	18.76	0.473
60.4	173.943875	18.66	0.392
86.4	145.3516416	18.55	0.353
110.5	149.5886665	18.46	0.284
120.8	160.3391006	18.41	0.234
135.4	190.048269	18.36	0.294
139	182.967997	18.31	0.233
133.1	183.8283932	18.25	0.24
134.9	188.6345537	18.19	0.372
144.4	167.6049563	18.14	0.437
148.5	158.4376272	18.04	0.251

325.3	165.4295013	17.27	0.568
329.1	157.2454979	17.27	0.568
325.7	164.4935779	17.27	0.577
325.3	165.4295013	17.3	0.622
315	192.5757179	17.33	0.589
318	186.3168781	17.29	0.622
320.9	177.070287	17.27	0.598
318.7	183.9540825	17.34	0.673
322.2	173.356455	17.46	0.708
327.5	160.5047386	17.6	0.685
332.7	150.7894808	17.75	0.703
336.7	144.8528837	17.87	0.825
338.6	142.43085	18.06	0.939
342.3	138.3643054	18.29	0.905
345.2	135.7219305	18.51	1.034
351.1	131.6535994	18.66	1.074
350.7	131.8778474	18.76	1.117
352.4	130.9739291	18.91	1.074
353.1	130.6386087	18.97	0.999
351.3	131.5441627	19.01	0.967
348.8	133.042617	19.05	1.049
348.1	133.514148	19.06	0.93
346.5	134.6805694	19.06	1.03
343.2	137.4955162	19.05	1.11
342.2	138.4636301	19.07	1.109
337.9	143.2953883	19.1	1.17
337.5	143.8038178	19.12	1.155
338.9	142.0699862	19.2	1.26
341.8	138.8665983	19.28	1.081
340.6	140.1309578	19.36	1.295
346.1	134.9918873	19.51	1.113
346	135.0709716	19.56	1.122
353.2	130.5924354	19.59	0.951
357.4	129.0334674	19.59	1.107
359.9	128.4479207	19.55	1.012
4.314	128.0175949	19.5	0.955
9.98	128.5824373	19.45	0.998
10.39	128.6724442	19.38	0.913
18.46	131.8550989	19.29	0.587
21.93	134.1036396	19.18	0.516
19.26	132.323846	19.07	0.558
28.84	140.3940193	18.97	0.43
59.6	175.6274687	18.84	0.372
76.96	150.964028	18.75	0.306
79.19	149.2305825	18.7	0.271
105.7	146.6082498	18.67	0.242
105.5	146.5088075	18.64	0.23
110	149.2234061	18.62	0.26
107.9	147.8305829	18.6	0.351
122.9	163.3950032	18.58	0.46
131	178.7386118	18.52	0.415

331.6	152.6415793	17.7	0.72	327	161.577273	18.14
332.7	150.7894808	17.71	0.762	327.2	161.1450705	18.2
330.9	153.8738695	17.71	0.756	325.5	164.9592071	18.24
330.3	154.96461	17.75	0.932	328.9	157.6389568	18.31
322.1	173.6334397	17.76	0.732	317.5	188.0594614	18.25
323.6	169.6228634	17.67	0.696	318.8	183.6236488	18.12
324	168.6037636	17.62	0.745	318.4	184.9559525	18.11
323.2	170.6627261	17.72	0.879	320.9	177.070287	18.26
326.3	163.1241775	17.87	0.994	322.8	171.7238383	18.43
330.2	155.1495646	18.04	0.958	326.3	163.1241775	18.59
334.8	147.5237341	18.2	1.031	331.1	153.51742	18.71
337.3	144.0620273	18.33	1.057	331.6	152.6415793	18.82
339.3	141.5976893	18.53	1.2	335.1	147.0846926	18.99
341	139.7001382	18.77	1.162	335.3	146.7956779	19.21
347.6	133.8652759	19.03	1.293	338.4	142.6746234	19.44
348.5	133.2418584	19.18	1.16	340.5	140.2401479	19.57
349.5	132.5941263	19.27	1.204	342.2	138.4636301	19.66
351.5	131.436508	19.41	1.26	343.5	137.2158368	19.77
353.9	130.2812262	19.44	1.205	345.3	135.6387698	19.77
352.7	130.8276183	19.45	1.308	342.6	138.0697036	19.77
349.3	132.7199372	19.46	1.272	343.1	137.5898354	19.77
350.3	132.1093104	19.46	1.311	339.9	140.9079226	19.75
346.4	134.7576487	19.45	1.284	340.4	140.3499361	19.73
341.2	139.4882645	19.42	1.276	336.8	144.7193684	19.69
341.7	138.968767	19.42	1.298	336.8	144.7193684	19.69
337.4	143.9325875	19.43	1.33	333.1	150.1407104	19.7
338.3	142.7974765	19.46	1.443	332.3	151.4512959	19.73
339.3	141.5976893	19.55	1.526	333	150.3016928	19.81
339.3	141.5976893	19.63	1.428	334.8	147.5237341	19.89
339.6	141.2500277	19.72	1.59	335.4	146.6522652	19.99
342.7	137.9726212	19.87	1.436	336.5	145.1219829	20.1
345	135.8898012	19.9	1.437	336.4	145.2575724	20.11
355.1	129.7960751	19.92	1.21	343.8	136.9410396	20.12
359.4	128.5450401	19.91	1.174	349.1	132.8476073	20.1
3.835	128.0274115	19.85	1.223	352	131.1751217	20.04
5.259	128.0244681	19.77	1.146	355.7	129.5761138	19.97
9.77	128.5389327	19.71	1.007	359	128.6298991	19.9
12.23	129.1595587	19.63	0.95	359.8	128.4665503	19.81
18.23	131.7256922	19.51	0.778	6.545	128.0897967	19.7
18.8	132.0507649	19.38	0.729	6.766	128.1075302	19.59
15.14	130.2130266	19.26	0.787	3.118	128.0588358	19.48
21.08	133.5003525	19.16	0.639	7.415	128.1706617	19.4
43.92	165.4767893	19.04	0.478	27.07	138.5334935	19.28
54.07	189.2804516	18.97	0.413	33.76	146.5951036	19.2
65.81	164.1569132	18.93	0.317	39.46	156.0122198	19.16
81.8	147.531862	18.9	0.301	45.46	169.2638411	19.13
79.89	148.7408108	18.89	0.305	57.97	179.270618	19.13
93.2	143.9085582	18.88	0.3	69.32	159.1025892	19.14
93.7	143.8833505	18.87	0.351	72.96	154.7742002	19.13
118.6	157.480505	18.87	0.416	101.2	144.8253918	19.14
125.2	167.1413681	18.83	0.423	118.8	157.7265948	19.14

1.041	343.3	137.4017445	149.0788798	Yes
1.108	340.1	140.6829105	147.6584573	Yes
1.143	338.7	142.3099249	150.9283599	Yes
1.248	338.6	142.43085	150.2112707	Yes
1.02	331	153.695204	169.6848295	Yes
1.048	327.5	160.5047386	166.9651555	Yes
1.086	328	159.4584123	164.2223972	Yes
1.274	330.2	155.1495646	164.8290357	Yes
1.315	328.8	157.837148	159.4639941	Yes
1.235	332.3	151.4512959	151.8469993	Yes
1.28	336.1	145.6685335	145.5560789	Yes
1.364	336.8	144.7193684	142.9110998	Yes
1.457	340.4	140.3499361	139.8958501	Yes
1.385	344.6	136.2317817	137.8278024	Yes
1.469	346.8	134.4523139	134.9520938	Yes
1.457	348.5	133.2418584	133.3509658	Yes
1.512	350.3	132.1093104	132.8083478	Yes
1.489	352.7	130.8276183	132.0469674	Yes
1.402	353.1	130.6386087	131.3792268	Yes
1.483	350	132.2876789	132.4320363	Yes
1.481	351.5	131.436508	132.6552798	Yes
1.459	348	133.5834127	133.7319668	Yes
1.414	346.4	134.7576487	134.6193973	Yes
1.496	345.4	135.5561236	137.060917	Yes
1.578	341.8	138.8665983	137.8609318	Yes
1.592	338.9	142.0699862	141.5112195	Yes
1.653	338.2	142.9209771	141.8508718	Yes
1.751	339.6	141.2500277	140.6549776	Yes
1.589	341.9	138.7650022	138.9817969	Yes
1.742	342.1	138.5635199	138.9522668	Yes
1.572	342.2	138.4636301	137.0355643	Yes
1.546	341.6	139.0715101	136.7341196	Yes
1.365	349.7	132.4701664	131.8744582	Yes
1.45	356.1	129.4377621	130.7920431	Yes
1.376	0.688	128.3149724	130.1788817	Yes
1.348	2.581	128.0955218	129.1954715	Yes
1.382	9.84	128.5532391	130.7902916	Yes
1.259	10.5	128.6977354	130.8738039	Yes
0.975	16.3	130.7322487	133.5839902	Yes
0.923	13.05	129.4209322	137.9893528	Yes
0.931	12.33	129.1899609	135.9193868	Yes
0.764	13.42	129.5479146	141.1113646	Yes
0.616	25.76	137.2713807	152.4521548	Yes
0.58	34.68	147.9395472	156.8735594	Yes
0.429	38.54	154.3062883	156.8090209	Yes
0.359	41.9	160.9305691	162.8765582	Yes
0.426	43.28	163.9867134	164.2949893	Yes
0.447	47.33	174.2758967	162.0677687	Yes
0.45	60.42	173.9026315	161.8050638	Yes
0.425	77.77	150.3033904	156.7218493	Yes
0.395	82.1	147.3585869	161.8805578	Yes

9/14/2019	00:27	17.59	0.253
9/14/2019	00:28	17.48	0.311
9/14/2019	00:29	17.38	0.29
9/14/2019	00:30	17.29	0.241
9/14/2019	00:31	17.22	0.194
9/14/2019	00:32	17.17	0.152
9/14/2019	00:33	17.12	0.081
9/14/2019	00:34	17.09	0.048
9/14/2019	00:35	17.05	0.061
9/14/2019	00:36	17.02	0.073
9/14/2019	00:37	17	0.053
9/14/2019	00:38	16.98	0.064
9/14/2019	00:39	16.96	0.052
9/14/2019	00:40	16.95	0.072
9/14/2019	00:41	16.99	0.121
9/14/2019	00:42	17.08	0.221
9/14/2019	00:43	17.22	0.293
9/14/2019	00:44	17.33	0.261
9/14/2019	00:45	17.42	0.222
9/14/2019	00:46	17.5	0.251
9/14/2019	00:47	17.58	0.263
9/14/2019	00:48	17.68	0.265
9/14/2019	00:49	17.8	0.259
9/14/2019	00:50	17.9	0.268
9/14/2019	00:51	17.97	0.319
9/14/2019	00:52	18.04	0.26
9/14/2019	00:53	18.12	0.277
9/14/2019	00:54	18.2	0.209
9/14/2019	00:55	18.27	0.133
9/14/2019	00:56	18.31	0.086
9/14/2019	00:57	18.34	0.046
9/14/2019	00:58	18.37	0.067
9/14/2019	00:59	18.41	0.139
9/14/2019	01:00	18.49	0.233
9/14/2019	01:01	18.59	0.318
9/14/2019	01:02	18.7	0.312
9/14/2019	01:03	18.79	0.403
9/14/2019	01:04	18.89	0.354
9/14/2019	01:05	18.97	0.399
9/14/2019	01:06	19.02	0.318
9/14/2019	01:07	19.06	0.345
9/14/2019	01:08	19.1	0.295
9/14/2019	01:09	19.12	0.257
9/14/2019	01:10	19.13	0.338
9/14/2019	01:11	19.14	0.266
9/14/2019	01:12	19.15	0.254
9/14/2019	01:13	19.17	0.287
9/14/2019	01:14	19.19	0.362
9/14/2019	01:15	19.21	0.399
9/14/2019	01:16	19.23	0.387
9/14/2019	01:17	19.25	0.446

145.2	165.6664139	17.9	0.304
150.3	154.96461	17.79	0.363
150.3	154.96461	17.68	0.327
154.5	147.9694733	17.58	0.271
155.5	146.5095784	17.5	0.247
158	143.1699306	17.44	0.169
195.7	130.4564935	17.38	0.08
208.8	140.3499361	17.34	0.052
224.8	167.6049563	17.3	0.104
251.2	156.7582401	17.28	0.063
254	153.6927882	17.25	0.053
163.7	137.032099	17.22	0.092
143.3	170.4007875	17.22	0.102
116	154.5187706	17.25	0.117
100.4	144.6058796	17.36	0.217
106.4	146.9714914	17.52	0.374
114.5	153.0016129	17.73	0.537
118	156.7582401	17.86	0.517
121.3	161.0367221	17.92	0.462
126.9	170.2024087	17.94	0.478
134	186.1774937	17.97	0.474
132.4	182.0726285	18.03	0.437
137.2	189.1277069	18.13	0.425
152.3	151.4512959	18.2	0.375
158	143.1699306	18.25	0.456
160.7	140.0223639	18.31	0.446
158.6	142.43085	18.38	0.363
147.3	160.9305691	18.43	0.302
167	134.3026158	18.48	0.201
194.8	130.0717042	18.52	0.15
186	128.0542255	18.55	0.081
253.7	153.9979779	18.57	0.074
325	166.1438025	18.59	0.175
335.2	146.9398193	18.64	0.305
328.9	157.6389568	18.72	0.405
326.6	162.4546358	18.81	0.446
324.5	167.3583715	18.88	0.523
323.6	169.6228634	18.96	0.471
334.2	148.4219956	19.03	0.457
346.3	134.8352272	19.08	0.355
345.6	135.3923691	19.11	0.353
354.4	130.0717042	19.14	0.341
359.9	128.4479207	19.15	0.285
354.7	129.9510588	19.15	0.376
358.1	128.8442293	19.16	0.299
359.3	128.565657	19.16	0.304
344	136.7605319	19.17	0.358
339.8	141.0213439	19.18	0.44
337.7	143.5482783	19.2	0.471
337.7	143.5482783	19.22	0.502
349.8	132.4088779	19.24	0.513

128.5	173.3294827	18.45	0.449
129.8	176.0588609	18.4	0.501
129.5	175.4133646	18.35	0.462
127.7	171.7349716	18.3	0.435
121.8	161.7528127	18.27	0.399
121.3	161.0367221	18.25	0.288
141.6	175.0397923	18.22	0.203
159.8	141.0213439	18.18	0.129
181	128.2691098	18.15	0.085
236.5	182.8176355	18.12	0.055
202.4	134.4523139	18.08	0.047
126.2	168.9104738	18.08	0.117
97.8	144.0902707	18.1	0.133
71.05	156.9365723	18.15	0.173
61.82	171.1146407	18.22	0.258
71.18	156.7819323	18.3	0.392
89.8	144.3719327	18.43	0.564
96.5	143.9447385	18.51	0.559
103.3	145.540202	18.51	0.384
109.2	148.6661534	18.47	0.361
107.7	147.7095994	18.45	0.36
97.4	144.0375611	18.47	0.386
102.7	145.3153153	18.53	0.365
121.5	161.3209223	18.58	0.419
129.1	174.5674412	18.61	0.482
130.5	177.6027217	18.66	0.508
129.8	176.0588609	18.72	0.421
124.2	165.4588142	18.75	0.425
130.2	176.9345288	18.79	0.273
150.7	154.2338617	18.81	0.224
143.3	170.4007875	18.85	0.169
196	130.5924354	18.89	0.089
299.4	158.4811294	18.91	0.152
305.3	167.3143222	18.95	0.334
303.1	163.7036852	19.03	0.519
298.2	156.9963458	19.1	0.586
296.2	154.7313813	19.15	0.603
297.3	155.945431	19.24	0.618
306	168.5495467	19.3	0.562
321	176.7757169	19.33	0.508
324	168.6037636	19.35	0.409
329	157.4417417	19.37	0.413
336.2	145.5308449	19.37	0.383
329.7	156.0881634	19.37	0.407
332.8	150.6260744	19.36	0.377
331.8	152.2972712	19.36	0.375
320.2	179.1755005	19.36	0.42
314.1	192.5757179	19.36	0.544
311.5	179.9029136	19.36	0.596
318.3	185.293471	19.35	0.638
323.3	170.4007875	19.37	0.55

127.5	171.3461128	18.8	0.412	119.5	158.6092822	19.13
128	172.3255294	18.78	0.468	123	163.5489495	19.13
129	174.3585583	18.76	0.48	125.7	168.0148666	19.12
132.5	182.3197334	18.74	0.417	126.8	170.0150814	19.09
129.6	175.6274687	18.72	0.392	126.9	170.2024087	19.07
130.7	178.0537144	18.7	0.316	123.2	163.8592137	19.04
138.6	184.28627	18.68	0.198	116.8	155.3841351	19.02
134.3	186.9842516	18.66	0.125	85.8	145.579304	19.01
118.1	156.8769637	18.64	0.137	33.33	145.9878988	19.03
159	141.9509679	18.63	0.134	22	134.1548834	19.05
73.83	153.8650624	18.63	0.198	11.9	129.0621204	19.07
66.36	163.3030131	18.65	0.25	23.95	135.6802857	19.1
53.07	192.1773091	18.68	0.327	20.1	132.8476073	19.14
38.9	154.96461	18.73	0.393	13.82	129.6915637	19.19
41.27	159.6033455	18.8	0.47	20.1	132.8476073	19.25
51.76	188.2717316	18.86	0.567	32.46	144.7993951	19.32
72.92	154.8171182	18.93	0.612	52.56	191.1687332	19.37
81.4	147.7698413	18.96	0.669	62.88	169.1287637	19.36
89.6	144.4151432	18.95	0.616	73.45	154.2564663	19.38
98.1	144.1344398	18.9	0.648	80.7	148.2055809	19.44
99	144.2908609	18.86	0.608	82.2	147.3018158	19.42
87.8	144.8847909	18.87	0.561	74.5	153.1961245	19.39
93.4	143.897159	18.93	0.566	79.74	148.8436219	19.43
114.5	153.0016129	18.97	0.554	101.4	144.8847909	19.52
120.3	159.6596036	19.01	0.62	106.8	147.1897488	19.63
122.7	163.0894665	19.08	0.657	113.3	151.8834871	19.69
127.4	171.1531239	19.12	0.494	122.5	162.7870502	19.7
122.5	162.7870502	19.13	0.465	116.3	154.8386144	19.68
122.9	163.3950032	19.15	0.359	114.2	152.7142528	19.67
122.5	162.7870502	19.18	0.332	105.7	146.6082498	19.7
119	157.9753829	19.24	0.242	94.9	143.8675721	19.76
86.7	145.2440439	19.28	0.195	70.4	157.7265948	19.79
320.4	178.5661959	19.31	0.159	354.4	130.0717042	19.81
307.1	170.5798662	19.33	0.339	323.7	169.3661605	19.8
304.1	165.2951784	19.38	0.541	308.1	172.5243387	19.79
294.4	152.9052402	19.43	0.599	296.7	155.273777	19.78
293.4	151.9734986	19.47	0.686	296.2	154.7313813	19.81
296	154.5187706	19.56	0.668	299.1	158.1007946	19.88
303.2	163.8592137	19.6	0.664	305	166.7980522	19.91
314.3	192.5757179	19.61	0.578	314.3	192.5757179	19.89
320.4	178.5661959	19.61	0.581	318.1	185.9739218	19.87
321.3	175.9010607	19.61	0.504	325.2	165.6664139	19.82
328.1	159.2522329	19.59	0.455	330.7	154.2338617	19.78
324.1	168.3521774	19.57	0.592	327.2	161.1450705	19.75
325.3	165.4295013	19.56	0.464	328.6	158.2364782	19.71
329.5	156.470139	19.54	0.478	329.3	156.8559046	19.67
315.3	192.5757179	19.53	0.529	317.9	186.6616714	19.65
310.3	177.156161	19.52	0.662	311.9	192.5757179	19.64
308.2	172.724134	19.5	0.663	309.3	174.9883145	19.61
315	192.5757179	19.49	0.715	315.2	192.5757179	19.59
320.6	177.9631823	19.5	0.716	320.4	178.5661959	19.61

0.339	84	146.3632375	163.0629058	Yes
0.352	95.9	143.9026392	162.1601178	Yes
0.401	103.7	145.6994008	163.6901601	Yes
0.335	100.9	144.7396894	163.3557898	Yes
0.312	98.6	144.2169051	159.6618347	Yes
0.289	92.8	143.936624	158.011241	Yes
0.254	72.78	154.9681141	160.026961	Yes
0.267	48.76	178.4450924	158.4759856	Yes
0.351	23.33	135.1745359	146.7826929	Yes
0.398	16.73	130.9394395	149.3242333	Yes
0.42	17	131.0736496	140.4291869	Yes
0.45	28.18	139.6788453	148.9209434	Yes
0.527	28.75	140.2949671	155.9621883	Yes
0.596	24.37	136.0341229	146.4291279	Yes
0.671	30.62	142.4551118	150.125317	Yes
0.731	38.53	154.2881682	158.2225437	Yes
0.759	55.45	185.5143645	165.7747523	Yes
0.795	64.32	166.5937116	156.8390591	Yes
0.927	67.43	161.7093199	153.3915707	Yes
0.99	70.68	157.3828204	153.7182806	Yes
0.945	75.97	151.8208175	155.4601175	Yes
0.841	75.95	151.8386947	155.2059599	Yes
0.855	77.95	150.1614335	155.4690473	Yes
0.818	86.3	145.3884291	151.2094102	Yes
0.806	89.3	144.4833098	153.8140068	Yes
0.792	101.6	144.9460055	155.5088089	Yes
0.731	112.9	151.5291125	160.7917995	Yes
0.641	101.9	145.0412401	157.8112576	Yes
0.561	106.8	147.1897488	154.9072299	Yes
0.539	93.9	143.8763375	147.5154407	Yes
0.474	84.5	146.1301527	149.2856241	Yes
0.411	69.8	158.4811294	149.2084363	Yes
0.368	37.24	152.0242722	157.0574208	Yes
0.414	354.8	129.9116845	156.8223706	Yes
0.603	324.2	168.1018522	165.4528023	Yes
0.788	312.9	192.5757179	164.0411434	Yes
0.814	312.6	192.5757179	164.2740701	Yes
0.875	311.5	179.9029136	163.6181546	Yes
0.864	315.4	192.5757179	168.0409052	Yes
0.792	319.2	182.3192244	175.8163209	Yes
0.737	326.8	162.0137796	166.110006	Yes
0.676	326.8	162.0137796	158.21894	Yes
0.67	333.7	149.1915112	147.3312743	Yes
0.665	331.9	152.1263931	153.5325726	Yes
0.663	328	159.4584123	152.5189391	Yes
0.631	329.5	156.470139	150.1318222	Yes
0.685	323.1	170.9259926	173.2198829	Yes
0.78	318	186.3168781	177.9291638	Yes
0.92	314.9	192.5757179	172.7478717	Yes
0.898	319.7	180.726811	178.9439992	Yes
0.89	323.8	169.1107479	165.6899583	Yes

9/14/2019	01:18	19.27	0.511
9/14/2019	01:19	19.29	0.463
9/14/2019	01:20	19.32	0.488
9/14/2019	01:21	19.35	0.489
9/14/2019	01:22	19.39	0.399
9/14/2019	01:23	19.45	0.413
9/14/2019	01:24	19.49	0.334
9/14/2019	01:25	19.51	0.242
9/14/2019	01:26	19.52	0.292
9/14/2019	01:27	19.53	0.289
9/14/2019	01:28	19.53	0.252
9/14/2019	01:29	19.53	0.165
9/14/2019	01:30	19.53	0.137
9/14/2019	01:31	19.52	0.192
9/14/2019	01:32	19.51	0.181
9/14/2019	01:33	19.5	0.153
9/14/2019	01:34	19.48	0.188
9/14/2019	01:35	19.47	0.242
9/14/2019	01:36	19.47	0.329
9/14/2019	01:37	19.47	0.248
9/14/2019	01:38	19.47	0.28
9/14/2019	01:39	19.47	0.205
9/14/2019	01:40	19.47	0.122
9/14/2019	01:41	19.48	0.147
9/14/2019	01:42	19.5	0.227
9/14/2019	01:43	19.51	0.211
9/14/2019	01:44	19.52	0.236
9/14/2019	01:45	19.52	0.283
9/14/2019	01:46	19.52	0.332
9/14/2019	01:47	19.51	0.419
9/14/2019	01:48	19.5	0.44
9/14/2019	01:49	19.49	0.386
9/14/2019	01:50	19.48	0.445
9/14/2019	01:51	19.48	0.34
9/14/2019	01:52	19.48	0.282
9/14/2019	01:53	19.48	0.187
9/14/2019	01:54	19.48	0.145
9/14/2019	01:55	19.48	0.166
9/14/2019	01:56	19.47	0.159
9/14/2019	01:57	19.47	0.188
9/14/2019	01:58	19.47	0.21
9/14/2019	01:59	19.47	0.191
9/14/2019	02:00	19.47	0.309
9/14/2019	02:01	19.47	0.306
9/14/2019	02:02	19.47	0.339
9/14/2019	02:03	19.47	0.362
9/14/2019	02:04	19.48	0.268
9/14/2019	02:05	19.49	0.283
9/14/2019	02:06	19.5	0.275
9/14/2019	02:07	19.51	0.202
9/14/2019	02:08	19.52	0.257

355.4	129.6842235	19.25	0.592
9.46	128.4779185	19.27	0.561
21.36	133.6952336	19.29	0.566
25.74	137.2528443	19.33	0.684
45.16	168.5029773	19.38	0.624
62.38	170.0524724	19.45	0.461
62.82	169.238399	19.5	0.468
60.64	173.4516335	19.53	0.357
53.91	189.7341951	19.54	0.386
48.75	178.4148558	19.55	0.396
65.3	164.9703808	19.55	0.335
60.51	173.7175396	19.55	0.224
54.62	187.7482227	19.54	0.182
39.17	155.4660915	19.53	0.271
31.61	143.6884959	19.51	0.221
17.33	131.2420209	19.5	0.226
16.67	130.9100469	19.48	0.226
11.71	129.0080265	19.46	0.316
1.755	128.1739792	19.44	0.405
357.5	129.00522	19.44	0.313
6.128	128.061537	19.43	0.337
27.88	139.3622627	19.43	0.254
71.06	156.9246374	19.43	0.183
105	146.2685776	19.45	0.204
137.2	189.1277069	19.49	0.317
144.2	168.1018522	19.53	0.332
156.7	144.8528837	19.55	0.315
161.7	138.968767	19.56	0.387
160.1	140.6829105	19.56	0.435
164.6	136.2317817	19.55	0.467
166.6	134.6039881	19.53	0.544
163.6	137.1236975	19.51	0.52
166.3	134.8352272	19.49	0.568
167.1	134.2285045	19.49	0.443
160	140.7951122	19.48	0.396
151.5	152.8150171	19.48	0.223
150.1	155.335435	19.48	0.182
163.9	136.8505178	19.47	0.222
160.5	140.2401479	19.47	0.214
159.8	141.0213439	19.47	0.228
171.5	131.436508	19.47	0.223
170.8	131.8211113	19.47	0.233
180.1	128.4118509	19.48	0.399
175	129.8341932	19.48	0.363
166.5	134.6805694	19.48	0.413
172.6	130.8759536	19.49	0.524
164.9	135.9745142	19.49	0.391
159.9	140.9079226	19.5	0.368
142.4	172.8067032	19.51	0.349
136.9	190.2134023	19.51	0.315
138	186.3168781	19.53	0.361

337.1	144.3229273	19.39	0.591
348.2	133.4453614	19.44	0.656
0.186	128.396828	19.49	0.624
4.922	128.0180217	19.54	0.711
21.14	133.5417965	19.6	0.585
37.02	151.6524194	19.67	0.606
38.19	153.677386	19.7	0.622
35.9	149.8211447	19.71	0.501
35.67	149.4575678	19.71	0.45
26.62	138.089187	19.71	0.435
37.36	152.2288183	19.7	0.406
41.81	160.7384237	19.69	0.282
33.85	146.7238806	19.68	0.259
21.33	133.6741735	19.66	0.313
12.12	129.1265869	19.65	0.274
6.863	128.1159173	19.64	0.265
356.4	129.3383252	19.62	0.3
352.9	130.7322487	19.61	0.365
341.7	138.968767	19.62	0.418
334.1	148.5743588	19.63	0.38
346.7	134.5279034	19.65	0.379
9.25	128.4387546	19.66	0.33
35.43	149.0826147	19.66	0.281
68.47	160.2428877	19.67	0.244
104.2	145.9089029	19.7	0.328
107.6	147.6498563	19.73	0.344
127	170.3906689	19.76	0.405
134.2	186.7139875	19.76	0.48
134.2	186.7139875	19.76	0.577
139.5	181.3587702	19.72	0.601
138.9	183.2949574	19.67	0.616
139	182.967997	19.63	0.72
140.3	178.8700569	19.6	0.607
143.5	169.8808638	19.59	0.548
134.8	188.3560461	19.57	0.53
123.9	164.9703808	19.57	0.374
130.9	178.509184	19.57	0.232
138.3	185.293471	19.56	0.3
131.2	179.2008824	19.56	0.244
133	183.5738179	19.56	0.212
147	161.577273	19.56	0.295
140.4	178.5661959	19.56	0.335
154.4	148.1195561	19.57	0.462
150.9	153.8738695	19.58	0.49
145	166.1438025	19.58	0.564
145	166.1438025	19.59	0.548
135.8	191.2051427	19.59	0.492
126.9	170.2024087	19.59	0.494
120.1	159.3928048	19.6	0.492
110.2	149.3679312	19.6	0.425
117.7	156.4059988	19.62	0.468

332.7	150.7894808	19.53	0.829	328.5	158.4376272	19.64
346.6	134.6039881	19.59	0.863	337.6	143.6757156	19.71
357	129.1505175	19.67	0.896	344.8	136.0597477	19.79
8.34	128.2892146	19.74	0.891	357.3	129.0621204	19.84
24.52	136.1627168	19.81	0.884	14.53	129.962953	19.9
37.92	153.1996171	19.86	0.752	26.5	137.9726212	19.94
43.01	163.372186	19.88	0.69	30.41	142.2016379	19.94
39.68	156.4317715	19.86	0.543	26.95	138.4138972	19.92
35.36	148.9740992	19.85	0.639	21.35	133.6882088	19.91
30.65	142.4915525	19.84	0.618	18.98	132.1564741	19.9
38.87	154.9093015	19.83	0.505	26.64	138.1086927	19.89
42.82	162.944657	19.81	0.39	27.93	139.4146615	19.87
36.83	151.3345262	19.8	0.374	22.2	134.3026158	19.86
19.89	132.7136026	19.79	0.426	12.43	129.2207712	19.86
12.01	129.0941077	19.78	0.399	4.677	128.0161156	19.85
19.97	132.7644098	19.77	0.379	4.296	128.0178019	19.85
0.687	128.3151255	19.76	0.392	357.4	129.0334674	19.84
354.3	130.1127622	19.76	0.482	349.2	132.7835393	19.84
342	138.6639767	19.78	0.616	337	144.4543929	19.87
336.3	145.3938588	19.8	0.494	330.4	154.7805667	19.91
348.3	133.3770516	19.83	0.559	337.8	143.4215034	19.95
4.047	128.0219629	19.84	0.443	350.7	131.8778474	19.97
26.97	138.4337734	19.86	0.385	14.24	129.8495575	19.98
56.61	182.5431781	19.88	0.328	41.54	160.1670952	19.99
87.2	145.0738969	19.9	0.451	72.33	155.461761	20.02
90.3	144.2717056	19.93	0.482	75.96	151.8297533	20.05
112.2	150.9305587	19.95	0.49	98.4	144.18259	20.07
121	160.6159553	19.96	0.551	110.9	149.8904009	20.09
125.2	167.1413681	19.95	0.652	124.1	165.2951784	20.08
132.2	181.5820782	19.9	0.746	134.2	186.7139875	20
133.4	184.5997584	19.83	0.791	133.3	184.3413566	19.93
133	183.5738179	19.77	0.763	134	186.1774937	19.86
132.6	182.5680669	19.73	0.829	134.3	186.9842516	19.82
134.7	188.0789318	19.71	0.643	134.2	186.7139875	19.8
126.6	169.6432085	19.7	0.647	126.4	169.2750169	19.82
119.7	158.8676643	19.7	0.472	125.8	168.1922038	19.81
114.6	153.0985737	19.71	0.302	126	168.5495467	19.8
131.4	179.6677453	19.71	0.377	133	183.5738179	19.79
121.3	161.0367221	19.7	0.362	124	165.1323684	19.79
130.7	178.0537144	19.7	0.301	129.9	176.2761595	19.79
132.3	181.8267455	19.7	0.414	124.5	165.9547117	19.8
128.3	172.92492	19.72	0.41	125.2	167.1413681	19.81
144.7	166.8688935	19.73	0.593	140.9	177.070287	19.81
140.1	179.4825368	19.73	0.656	138.3	185.293471	19.83
136.8	190.5792409	19.74	0.688	135.9	191.4980279	19.85
136.3	192.4386028	19.74	0.786	136.5	191.6887683	19.85
132.1	181.3386201	19.74	0.618	131.1	178.969176	19.85
122.3	162.4877295	19.73	0.578	123	163.5489495	19.83
115	153.4923338	19.73	0.549	111.4	150.2796092	19.82
106.1	146.8129126	19.73	0.531	107.7	147.7095994	19.82
111.3	150.2006904	19.74	0.598	108.2	148.0158154	19.84

0.938	333.9	148.8813884	146.4231294	Yes
1.012	345.5	135.4739906	135.1353948	Yes
0.979	354	130.2384741	131.5081602	Yes
1.04	7.507	128.1809473	130.1606297	Yes
0.944	21.72	133.9513415	140.424357	Yes
0.933	33.02	145.5583263	151.6870913	Yes
0.851	39.78	156.6239884	157.0227194	Yes
0.754	37.5	152.4689987	154.1174891	Yes
0.754	32.92	145.4211999	153.4550542	Yes
0.721	31.51	143.5609922	146.9426123	Yes
0.63	37.95	153.2523879	152.6939162	Yes
0.546	42.45	162.123584	159.7877732	Yes
0.56	38.48	154.1977021	154.8613895	Yes
0.583	29.64	141.2960602	138.4741398	Yes
0.521	25.05	136.6265544	133.3103721	Yes
0.539	23	134.9133063	131.0106912	Yes
0.533	12.11	129.1236139	129.3441158	Yes
0.611	2.983	128.066998	130.140715	Yes
0.709	351.2	131.5986579	136.3719547	Yes
0.645	345.7	135.3112579	142.6130524	Yes
0.711	352	131.1751217	134.1126234	Yes
0.59	2.102	128.1377637	131.1677183	Yes
0.538	20.77	133.2889601	141.5159086	Yes
0.447	41.34	159.7487809	161.7941039	Yes
0.53	67.42	161.72381	159.4592155	Yes
0.565	70.36	157.776136	153.9258607	Yes
0.515	86.5	145.3153153	151.1344033	Yes
0.55	98.9	144.2717056	156.0921633	Yes
0.757	122	162.0444998	164.3755889	Yes
0.943	135.2	189.4785153	175.0730266	Yes
0.985	133.2	184.0842372	174.1848595	Yes
1.045	135.4	190.048269	175.978255	Yes
0.934	135.5	190.3353042	174.7185814	Yes
0.87	132.1	181.3386201	172.0481815	Yes
0.841	127.4	171.1531239	167.8445015	Yes
0.655	126.9	170.2024087	163.009535	Yes
0.506	125.8	168.1922038	164.7369887	Yes
0.574	129.2	174.7773583	172.032582	Yes
0.471	123.7	164.6488595	162.0517961	Yes
0.442	126.2	168.9104738	169.5671019	Yes
0.547	124.4	165.7885774	161.3167631	Yes
0.564	125.4	167.4881453	163.5883481	Yes
0.684	139.1	182.6427564	160.6226688	Yes
0.815	135.8	191.2051427	167.9378426	Yes
0.901	135.8	191.2051427	174.8213567	Yes
0.941	135.6	190.6237893	174.3541833	Yes
0.826	131.4	179.6677453	173.4310397	Yes
0.753	126.3	169.0922914	161.2478603	Yes
0.754	118.5	157.3584661	158.6659834	Yes
0.693	114.6	153.0985737	157.4404839	Yes
0.738	112.8	151.441929	158.4762623	Yes

9/14/2019	02:09	19.53	0.277
9/14/2019	02:10	19.55	0.243
9/14/2019	02:11	19.56	0.133
9/14/2019	02:12	19.56	0.18
9/14/2019	02:13	19.56	0.12
9/14/2019	02:14	19.56	0.148
9/14/2019	02:15	19.57	0.188
9/14/2019	02:16	19.57	0.202
9/14/2019	02:17	19.57	0.258
9/14/2019	02:18	19.57	0.159
9/14/2019	02:19	19.58	0.168
9/14/2019	02:20	19.58	0.189
9/14/2019	02:21	19.58	0.211
9/14/2019	02:22	19.58	0.185
9/14/2019	02:23	19.57	0.107
9/14/2019	02:24	19.57	0.15
9/14/2019	02:25	19.56	0.138
9/14/2019	02:26	19.56	0.165
9/14/2019	02:27	19.56	0.185
9/14/2019	02:28	19.56	0.17
9/14/2019	02:29	19.56	0.192
9/14/2019	02:30	19.58	0.224
9/14/2019	02:31	19.6	0.217
9/14/2019	02:32	19.61	0.179
9/14/2019	02:33	19.61	0.133
9/14/2019	02:34	19.59	0.273
9/14/2019	02:35	19.58	0.308
9/14/2019	02:36	19.58	0.369
9/14/2019	02:37	19.6	0.273
9/14/2019	02:38	19.62	0.318
9/14/2019	02:39	19.63	0.294
9/14/2019	02:40	19.64	0.237
9/14/2019	02:41	19.65	0.263
9/14/2019	02:42	19.66	0.259
9/14/2019	02:43	19.68	0.265
9/14/2019	02:44	19.68	0.182
9/14/2019	02:45	19.69	0.239
9/14/2019	02:46	19.7	0.195
9/14/2019	02:47	19.7	0.314
9/14/2019	02:48	19.71	0.234
9/14/2019	02:49	19.72	0.387
9/14/2019	02:50	19.74	0.286
9/14/2019	02:51	19.75	0.234
9/14/2019	02:52	19.76	0.22
9/14/2019	02:53	19.75	0.105
9/14/2019	02:54	19.74	0.104
9/14/2019	02:55	19.72	0.069
9/14/2019	02:56	19.71	0.065
9/14/2019	02:57	19.69	0.149
9/14/2019	02:58	19.67	0.269
9/14/2019	02:59	19.66	0.334

131.4	179.6677453	19.55	0.344
125.5	167.6628412	19.57	0.324
87.3	145.0412401	19.58	0.203
56.67	182.3941042	19.59	0.267
78.78	149.529339	19.6	0.221
87.5	144.9772949	19.6	0.235
93.6	143.8875148	19.61	0.276
77.4	150.6007104	19.61	0.325
69.48	158.8936554	19.62	0.302
76.99	150.9389177	19.62	0.253
82.8	146.9714914	19.63	0.241
94.3	143.8675721	19.62	0.23
121.9	161.8982783	19.62	0.298
143.4	170.1401693	19.61	0.275
122.4	162.6370044	19.61	0.173
145.5	164.9592071	19.6	0.21
144.2	168.1018522	19.59	0.245
129.6	175.6274687	19.59	0.255
149.7	156.0881634	19.59	0.228
119.6	158.7381263	19.59	0.24
116.9	155.4951241	19.59	0.277
92.2	143.9919054	19.62	0.305
91.3	144.1045518	19.64	0.344
65.14	165.2299555	19.67	0.238
56.31	183.2952421	19.67	0.162
7.106	128.1385455	19.65	0.335
26.44	137.9146388	19.63	0.331
43.85	165.3114876	19.63	0.39
52.99	192.4154401	19.64	0.386
58.33	178.4405763	19.67	0.382
63.09	168.7476111	19.68	0.371
46.01	170.6889928	19.69	0.337
59.49	175.8642072	19.69	0.38
66.21	163.5335194	19.7	0.314
81.9	147.4736091	19.71	0.369
84.2	146.2685776	19.71	0.281
77.8	150.2796092	19.72	0.326
76.87	151.0396576	19.73	0.286
79.87	148.7544518	19.73	0.356
63.99	167.1586245	19.74	0.31
74.56	153.1375232	19.76	0.492
80.6	148.2698482	19.78	0.339
95.3	143.8763375	19.79	0.321
140.3	178.8700569	19.8	0.291
150.6	154.4151969	19.79	0.147
161.6	139.0715101	19.77	0.165
87.4	145.0090396	19.75	0.102
140.7	177.6640101	19.74	0.113
133	183.5738179	19.72	0.192
150.5	154.5974305	19.71	0.348
153.2	149.9805289	19.71	0.387

103.6	145.6589028	19.64	0.43
97.2	144.0138522	19.67	0.372
66.92	162.4579668	19.68	0.29
45.05	168.2268576	19.69	0.377
57.61	180.1155617	19.7	0.35
62.25	170.2964219	19.7	0.397
64.68	165.9880392	19.71	0.408
58.42	178.2353624	19.72	0.413
50.15	182.8051624	19.72	0.408
51.59	187.6720737	19.72	0.384
57.79	179.6912098	19.74	0.359
62.28	170.239986	19.73	0.3
88.2	144.7678047	19.72	0.352
112	150.7645356	19.71	0.308
100.8	144.7120259	19.7	0.203
117.7	156.4059988	19.69	0.265
122	162.0444998	19.68	0.393
105.1	146.3156694	19.68	0.344
118.2	156.9963458	19.68	0.296
90.9	144.1660972	19.69	0.3
91.6	144.0630334	19.69	0.341
67.5	161.6081001	19.72	0.443
63.39	168.2099863	19.75	0.521
42.9	163.1241775	19.77	0.34
30.97	142.8838588	19.78	0.278
350.8	131.8211113	19.77	0.392
8.76	128.3541665	19.76	0.414
23.41	135.2386929	19.77	0.432
34.01	146.9542737	19.81	0.545
35.68	149.4732887	19.84	0.441
38.15	153.6062021	19.84	0.384
20.28	132.964107	19.84	0.435
36.79	151.2679829	19.85	0.408
50.2	182.967997	19.84	0.412
56.64	182.4685857	19.84	0.502
48.06	176.3658623	19.84	0.362
52.79	192.0251799	19.84	0.469
49.58	180.9788009	19.84	0.381
50.6	184.28627	19.84	0.424
39.5	156.0881634	19.85	0.4
51.83	188.5202481	19.87	0.585
53.28	191.5567827	19.9	0.491
65.53	164.6009122	19.91	0.426
110.1	149.2954063	19.91	0.329
126.1	168.7295603	19.89	0.259
133	183.5738179	19.88	0.211
79.68	148.885072	19.86	0.163
110.5	149.5886665	19.85	0.156
107.3	147.4736091	19.84	0.224
123.7	164.6488595	19.83	0.517
126.5	169.4586546	19.83	0.436

101.3	144.8548646	19.77	0.57	95.3	143.8763375	19.86
96.7	143.962286	19.8	0.51	94	143.8734887	19.89
75.55	152.2010256	19.82	0.406	74.68	153.0209579	19.92
53.5	190.9137326	19.83	0.457	51	185.6327901	19.94
59.33	176.2108572	19.84	0.486	52.37	190.4692807	19.96
61.67	171.4041962	19.86	0.509	55.86	184.444563	20
67.12	162.1620233	19.88	0.51	59.54	175.7564394	20.02
62.54	169.7543823	19.88	0.537	58.54	177.9631591	20.03
56.16	183.6754962	19.87	0.543	49.42	180.4758733	20.02
55.66	184.9636885	19.88	0.495	49.29	180.0703296	20.03
59.71	175.3920122	19.89	0.462	51.89	188.7340096	20.04
61.83	171.0954135	19.88	0.399	54.4	188.3560461	20.02
82.7	147.0253234	19.87	0.469	73.45	154.2564663	19.99
102.2	145.1405816	19.86	0.424	92.1	144.0026586	19.98
97.2	144.0138522	19.84	0.36	86.5	145.3153153	19.96
107.8	147.7698413	19.83	0.392	100.5	144.6317408	19.95
113.9	152.4321413	19.83	0.449	108.9	148.4657012	19.95
103	145.4256783	19.83	0.448	98.1	144.1344398	19.95
110.7	149.7384694	19.82	0.405	102.8	145.3516416	19.94
83.5	146.6082498	19.83	0.436	81.3	147.8305829	19.95
87.2	145.0738969	19.84	0.51	78.01	150.1145032	19.96
70.6	157.480505	19.87	0.517	66.79	162.6519743	20
67.6	161.4641376	19.9	0.544	61.34	172.0488441	20.03
50.53	184.0535541	19.93	0.512	46.9	173.0808789	20.06
30.74	142.6012213	19.93	0.332	25.19	136.7515627	20.06
357.4	129.0334674	19.92	0.479	354.5	130.0310681	20.05
13.32	129.5130378	19.92	0.579	7.246	128.1526327	20.05
26.96	138.4238325	19.94	0.597	22.67	134.6575428	20.07
39.66	156.3934419	19.99	0.686	31.08	143.0202454	20.11
40.36	157.757754	20.02	0.617	33.59	146.3534576	20.13
39.47	156.0311916	20.01	0.624	29.12	140.7053022	20.11
24.13	135.830811	20	0.538	13.54	129.5903128	20.09
38.76	154.7072036	20	0.572	27.82	139.2995761	20.08
51.33	186.7654694	19.98	0.585	43.55	164.6095507	20.06
57.13	181.2658175	19.98	0.559	50.44	183.7556126	20.05
53.14	191.9697341	19.98	0.529	45.87	170.3224638	20.05
53.98	189.535233	19.98	0.585	47.1	173.6334397	20.06
54.33	188.5508547	19.98	0.535	47.81	175.6412856	20.06
49.2	179.7911758	19.98	0.602	43.97	165.5952159	20.07
47.47	174.6706723	19.99	0.493	41.61	160.3144854	20.08
55.03	186.6331714	20.02	0.76	45	168.1018522	20.13
55.9	184.3413566	20.06	0.583	47.55	174.897532	20.17
63.29	168.3883008	20.07	0.571	57.98	179.2473613	20.18
100.5	144.6317408	20.06	0.462	93.3	143.9026392	20.17
118.4	157.2370948	20.04	0.38	111.8	150.6007104	20.14
117.2	155.8318976	20.02	0.353	107	147.3018158	20.13
87	145.1405816	20.02	0.283	81.3	147.8305829	20.12
104	145.823697	20.01	0.281	96.9	143.9815923	20.12
106.1	146.8129126	20	0.318	104	145.823697	20.12
116.5	155.0549457	19.99	0.615	111.6	150.439072	20.11
115.9	154.4133891	19.99	0.559	113.1	151.7051686	20.11

0.699	103.4	145.579304	151.9274309	Yes
0.639	99.1	144.310461	148.7645858	Yes
0.547	85.9	145.540202	151.6522785	Yes
0.59	65.46	164.712903	178.3760775	Yes
0.648	64.38	166.4920026	172.5634083	Yes
0.731	66.8	162.6370044	166.7518961	Yes
0.754	69.65	158.6736177	161.2935269	Yes
0.726	69.02	159.499184	167.2105597	Yes
0.765	61.43	171.8719849	175.5444344	Yes
0.713	57.6	180.1392477	176.7568514	Yes
0.588	63.03	168.856105	171.9289656	Yes
0.528	63.32	168.3347129	168.3787461	Yes
0.599	78.5	149.7384694	151.5372684	Yes
0.57	89.5	144.4374183	150.8970727	Yes
0.519	93.2	143.9085582	148.1173512	Yes
0.557	101.9	145.0412401	151.7616056	Yes
0.647	111.3	150.2006904	156.248977	Yes
0.591	104.1	145.8660653	151.4738643	Yes
0.58	106.6	147.0796431	151.0508527	Yes
0.57	90.9	144.1660972	148.3018307	Yes
0.674	85	145.9089029	148.1310921	Yes
0.678	77.88	150.2164309	155.1897831	Yes
0.759	70.8	157.2370948	160.6129229	Yes
0.691	57.64	180.0445738	173.106628	Yes
0.541	45.72	169.9326202	155.092901	Yes
0.569	18.56	131.9121054	130.1872595	Yes
0.67	30.25	142.010398	133.1889748	Yes
0.706	34.59	147.8052525	144.2873617	Yes
0.874	41.33	159.7279736	159.7022749	Yes
0.711	39.9	156.8559046	157.7761963	Yes
0.64	35.59	149.3320828	153.684478	Yes
0.71	25.34	136.8866621	141.1921771	Yes
0.701	35.71	149.5204987	154.1318937	Yes
0.662	51.99	189.0918196	177.3936712	Yes
0.749	55.7	184.8594495	175.9646149	Yes
0.722	54.76	187.3648991	174.4583074	Yes
0.744	54.2	188.9144624	178.8775849	Yes
0.698	56.4	183.0684457	175.8558089	Yes
0.776	56.17	183.6500577	172.4154342	Yes
0.702	53.76	190.1629097	169.6789711	Yes
0.95	54.11	189.1675849	177.1120759	Yes
0.798	56.06	183.9305782	176.5992195	Yes
0.703	60.85	173.0256859	165.8277196	Yes
0.549	92.7	143.9447385	152.1289163	Yes
0.482	106.7	147.1344513	155.6234027	Yes
0.451	105.7	146.6082498	154.4774582	Yes
0.379	88.4	144.7120259	146.3154604	Yes
0.37	96.9	143.9815923	152.2079116	Yes
0.412	109.5	148.8712346	154.5110542	Yes
0.793	114.9	153.3930028	155.6266621	Yes
0.715	113.7	152.2469608	155.5609404	Yes

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9/14/2019	03:01	19.65	0.129
9/14/2019	03:02	19.64	0.199
9/14/2019	03:03	19.62	0.242
9/14/2019	03:04	19.67	0.534
9/14/2019	03:05	19.74	0.529
9/14/2019	03:06	19.82	0.537
9/14/2019	03:07	19.89	0.611
9/14/2019	03:08	20.02	0.797
9/14/2019	03:09	20.12	0.725
9/14/2019	03:10	20.21	0.786
9/14/2019	03:11	20.29	0.628
9/14/2019	03:12	20.34	0.737
9/14/2019	03:13	20.42	0.752
9/14/2019	03:14	20.48	0.682
9/14/2019	03:15	20.48	0.59
9/14/2019	03:16	20.46	0.602
9/14/2019	03:17	20.46	0.693
9/14/2019	03:18	20.47	0.972
9/14/2019	03:19	20.5	0.891
9/14/2019	03:20	20.5	0.689
9/14/2019	03:21	20.51	0.727
9/14/2019	03:22	20.47	0.515
9/14/2019	03:23	20.45	0.749
9/14/2019	03:24	20.42	0.68
9/14/2019	03:25	20.39	0.597
9/14/2019	03:26	20.36	0.66
9/14/2019	03:27	20.34	0.568
9/14/2019	03:28	20.32	0.789
9/14/2019	03:29	20.33	0.719
9/14/2019	03:30	20.34	0.672
9/14/2019	03:31	20.33	0.827
9/14/2019	03:32	20.32	0.872
9/14/2019	03:33	20.31	0.594
9/14/2019	03:34	20.28	0.558
9/14/2019	03:35	20.24	0.508
9/14/2019	03:36	20.21	0.396
9/14/2019	03:37	20.16	0.49
9/14/2019	03:38	20.11	0.731
9/14/2019	03:39	20.07	0.837
9/14/2019	03:40	20.03	0.712
9/14/2019	03:41	20	0.836
9/14/2019	03:42	19.97	0.703
9/14/2019	03:43	19.94	0.834
9/14/2019	03:44	19.91	0.763
9/14/2019	03:45	19.89	0.575
9/14/2019	03:46	19.87	0.743
9/14/2019	03:47	19.85	0.575
9/14/2019	03:48	19.83	0.588
9/14/2019	03:49	19.81	0.516
9/14/2019	03:50	19.8	0.566

141.2	176.1911131	19.7	0.233
139.1	182.6427564	19.69	0.159
56.31	183.2952421	19.68	0.238
83.1	146.8129126	19.66	0.334
99.4	144.3719327	19.73	0.634
117.8	156.5227599	19.81	0.626
109.6	148.9406289	19.9	0.66
130.5	177.6027217	19.97	0.67
115	153.4923338	20.1	0.864
98.4	144.18259	20.21	0.816
95.6	143.8875148	20.3	0.771
88.6	144.6580519	20.38	0.663
98.7	144.234728	20.42	0.859
94.7	143.8658191	20.51	0.915
103.7	145.6994008	20.56	0.8
105.7	146.6082498	20.55	0.679
85.1	145.8660653	20.52	0.752
109	148.5320061	20.51	0.791
92.7	143.9447385	20.52	1.069
94.2	143.869106	20.55	0.888
82.4	147.1897488	20.55	0.781
99.9	144.4833098	20.54	0.786
106.8	147.1897488	20.51	0.653
108.8	148.3999072	20.47	0.841
99.2	144.3305061	20.44	0.649
99.8	144.4601404	20.41	0.758
94.5	143.8658191	20.38	0.797
91.8	144.0375611	20.36	0.624
84.9	145.9522103	20.33	0.9
84.9	145.9522103	20.35	0.893
87.1	145.1070106	20.36	0.744
84.2	146.2685776	20.35	0.957
74.57	153.127777	20.34	0.938
69.81	158.468352	20.32	0.63
64.89	165.6397717	20.28	0.644
58.34	178.4177297	20.23	0.645
44.45	166.747288	20.19	0.535
26.09	137.5803788	20.14	0.657
27.17	138.63378	20.09	0.941
35.63	149.3947625	20.05	0.924
25.47	137.0047246	20.01	0.786
26.61	138.0794425	19.97	1.057
27.25	138.7144182	19.94	0.907
34.82	148.1496634	19.91	0.974
26.81	138.2753948	19.88	0.862
28.49	140.0115372	19.86	0.762
22.87	134.8119012	19.83	0.814
36.3	150.4634796	19.81	0.647
31.59	143.662942	19.79	0.866
42.13	161.4255148	19.78	0.709
45.74	169.984429	19.76	0.696

119.6	158.7381263	19.82	0.309
122.8	163.2418433	19.81	0.223
57.06	181.4358587	19.8	0.276
53.31	191.4686728	19.8	0.452
87.4	145.0090396	19.87	0.671
92.9	143.9289489	19.95	0.712
86.5	145.3153153	20.03	0.769
101.3	144.8548646	20.1	0.738
87.8	144.8847909	20.23	0.956
76.67	151.2093319	20.33	0.975
68.96	159.579266	20.41	1.027
65.16	165.1973935	20.48	0.901
69.96	158.2775168	20.52	1.124
71.3	156.6401729	20.6	1.232
77.87	150.2243093	20.65	1.002
81.3	147.8305829	20.63	0.783
67.84	161.1216709	20.6	1.091
78.71	149.581232	20.59	1.085
68.63	160.0243013	20.6	1.213
73.03	154.6993322	20.62	1.086
64.66	166.0214003	20.62	1.088
73.1	154.6247674	20.61	0.961
77.62	150.423028	20.57	0.917
80.8	148.1418203	20.53	0.913
70.58	157.5049931	20.51	0.948
70.48	157.6278362	20.48	1.01
68.78	159.8210479	20.45	1.141
69.59	158.7510489	20.43	0.821
59.93	174.9249182	20.4	1.086
62.59	169.6617144	20.43	1.186
57.57	180.2103762	20.42	0.943
58.58	177.8727826	20.41	1.056
53.22	191.733404	20.4	0.957
45.56	169.5200269	20.37	0.887
42.03	161.2096282	20.33	0.815
33.24	145.8624832	20.29	0.878
27.46	138.9278307	20.25	0.632
13.17	129.4614969	20.19	0.829
7.952	128.23539	20.14	1.104
11.58	128.971858	20.11	0.986
7.446	128.1740904	20.07	1.165
10.25	128.6409553	20.04	1.052
4.486	128.0162534	20.01	1.122
7.554	128.18633	19.98	1.026
10.05	128.5973293	19.94	0.871
3.876	128.026221	19.92	0.969
1.265	128.2331672	19.9	0.86
5.496	128.0316549	19.87	0.827
10	128.5866722	19.86	0.93
21.05	133.479695	19.85	0.944
27.06	138.5234961	19.84	0.81

112.7	151.3553066	19.99	0.461	106.5	147.0253234	20.11
116.4	154.9464686	19.99	0.366	105.5	146.5088075	20.11
68.02	160.8676218	19.98	0.363	79.44	149.0527394	20.11
55.69	184.8854898	19.98	0.516	49.72	181.4223311	20.11
84.6	146.0849588	20.06	0.875	81.6	147.6498563	20.19
88.1	144.796372	20.13	0.897	84	146.3632375	20.28
83.7	146.5088075	20.2	0.912	79.15	149.2593407	20.33
95	143.869106	20.27	1.037	89.9	144.3509966	20.4
84.2	146.2685776	20.4	1.187	77.06	150.8805203	20.51
76.93	150.9891881	20.49	1.219	70.48	157.6278362	20.59
70.01	158.2142479	20.57	1.194	63.55	167.9265298	20.66
67.18	162.0738351	20.63	1.035	61.1	172.5243387	20.71
71.42	156.4993556	20.65	1.276	65.87	164.0625911	20.73
72.99	154.7420768	20.74	1.338	67.33	161.8545593	20.82
77.08	150.863885	20.78	1.258	67.33	161.8545593	20.85
78.38	149.8293722	20.75	1.055	70.6	157.480505	20.81
66.69	162.8020973	20.71	1.16	62.5	169.8286827	20.78
76.18	151.6344754	20.7	1.181	70.25	157.9129319	20.76
68.69	159.9428063	20.71	1.483	59.6	175.6274687	20.78
72.05	155.7753707	20.73	1.291	63	168.9104738	20.78
66.31	163.3796519	20.72	1.137	59.12	176.6700104	20.77
73.85	153.8447045	20.71	1.162	67.3	161.8982783	20.76
74.94	152.7713035	20.67	1.1	67.74	161.2638448	20.73
79.47	149.0316173	20.64	1.182	70.64	157.4316092	20.69
71.34	156.5931293	20.62	1.069	65.03	165.4096365	20.67
71.69	156.1859412	20.58	1.185	65.88	164.0468987	20.64
70.56	157.529508	20.56	1.272	62.2	170.3906689	20.62
67.29	161.9128663	20.54	0.943	59.1	176.7139881	20.6
63.08	168.7656708	20.51	1.348	53.34	191.3806962	20.58
64.3	166.6276829	20.53	1.355	55.61	185.0942797	20.6
55.83	184.5221028	20.53	1.113	49.39	180.3820418	20.59
58.89	177.1783844	20.51	1.344	48.02	176.2493028	20.56
55.02	186.6600966	20.49	1.28	45.36	169.0089424	20.54
50.39	183.5907014	20.46	1.068	41.53	160.1460811	20.5
43.75	165.0763413	20.41	0.96	38.89	154.9461647	20.45
40.47	157.9764652	20.37	0.978	33.39	146.0718295	20.4
33.72	146.5380578	20.31	0.798	22.56	134.5734947	20.34
16.15	130.6618568	20.24	0.961	7.756	128.210452	20.28
13.78	129.6768999	20.2	1.313	7.418	128.1709919	20.25
10.75	128.7570182	20.18	1.247	3.913	128.025203	20.24
11.37	128.914876	20.14	1.219	0.741	128.306911	20.19
10.5	128.6977354	20.12	1.368	1.086	128.2571425	20.15
5.039	128.0197578	20.08	1.217	355.7	129.5761138	20.11
8.75	128.3525391	20.05	1.239	0.202	128.3940654	20.07
6.112	128.0605881	20.01	1.072	357.2	129.0911795	20.03
4.856	128.0172778	19.99	1.074	356.5	129.3060009	20.01
1.219	128.2392081	19.97	1.081	353.9	130.2812262	19.99
9.06	128.4048271	19.94	0.943	6.485	128.0853119	19.96
14.7	130.0310681	19.93	1.095	6.099	128.0598244	19.95
19.39	132.4027743	19.93	1.032	12.04	129.1029169	19.94
31.4	143.4215034	19.92	1.027	18.23	131.7256922	19.93

0.658	107.2	147.415851	156.1451441	Yes
0.564	115.9	154.4133891	160.350653	Yes
0.489	102.1	145.1070106	163.9516945	Yes
0.672	70.34	157.8009471	172.4780707	Yes
1.019	88.9	144.580468	145.5392511	Yes
1.003	91	144.1500472	147.1522731	Yes
1.105	85.8	145.579304	147.1206793	Yes
1.133	94.9	143.8675721	150.9090522	Yes
1.376	83	146.8652868	148.4783019	Yes
1.418	78.41	149.8065746	150.7631041	Yes
1.457	70.9	157.1163888	157.3447895	Yes
1.272	68.48	160.2291719	160.9365582	Yes
1.549	71	156.9963458	156.0141074	Yes
1.636	75.68	152.0822652	153.8369787	Yes
1.516	75.58	152.1735333	152.1631376	Yes
1.165	79.63	148.9197562	150.1336932	Yes
1.489	70.16	158.0254659	159.5287964	Yes
1.48	74.64	153.0597187	152.1440728	Yes
1.731	67.41	161.7383076	160.2555245	Yes
1.424	70.57	157.5172472	156.154306	Yes
1.406	65.51	164.632869	163.5787361	Yes
1.404	73.65	154.0493717	153.7800863	Yes
1.341	74.86	152.8476983	152.8991247	Yes
1.392	78.23	149.9440817	150.5898071	Yes
1.291	71.16	156.8056507	156.1287831	Yes
1.418	71.87	155.979616	155.6600865	Yes
1.558	70.17	158.012935	157.9239958	Yes
1.199	64.88	165.6562722	161.4143473	Yes
1.473	60.49	173.7586	170.9564191	Yes
1.678	63.55	167.9265298	167.0524834	Yes
1.386	57.53	180.3053786	174.105382	Yes
1.483	55	186.7139875	172.856607	Yes
1.342	53.28	191.5567827	178.4174005	Yes
1.289	49.6	181.0419634	170.553425	Yes
1.172	48.57	177.873268	164.9490348	Yes
1.197	41.84	160.8023771	157.8261769	Yes
1.005	33.41	146.0998635	146.5773069	Yes
1.238	24.96	136.5467427	132.4921854	Yes
1.55	22.52	134.5430806	131.8520285	Yes
1.393	19.31	132.3541113	133.5005906	Yes
1.472	13.94	129.7359543	130.4273113	Yes
1.424	12.72	129.312433	130.5975417	Yes
1.445	7.22	128.1499585	130.4953003	Yes
1.42	11.55	128.9636085	132.4092413	Yes
1.157	12.33	129.1899609	130.6428905	Yes
1.331	9.08	128.4083311	130.7538736	Yes
1.222	3.908	128.0253374	129.918168	Yes
1.121	15.45	130.3461518	133.066285	Yes
1.272	18.44	131.8437517	132.4368517	Yes
1.281	23.24	135.1027466	138.3027295	Yes
1.161	28.93	140.4935584	144.8297358	Yes

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9/14/2019	03:55	19.72	0.472
9/14/2019	03:56	19.7	0.376
9/14/2019	03:57	19.69	0.518
9/14/2019	03:58	19.68	0.488
9/14/2019	03:59	19.68	0.532
9/14/2019	04:00	19.68	0.37
9/14/2019	04:01	19.68	0.289
9/14/2019	04:02	19.69	0.422
9/14/2019	04:03	19.69	0.352
9/14/2019	04:04	19.71	0.281
9/14/2019	04:05	19.71	0.34
9/14/2019	04:06	19.73	0.455
9/14/2019	04:07	19.73	0.412
9/14/2019	04:08	19.73	0.522
9/14/2019	04:09	19.78	0.618
9/14/2019	04:10	19.8	0.59
9/14/2019	04:11	19.82	0.513
9/14/2019	04:12	19.82	0.413
9/14/2019	04:13	19.82	0.432
9/14/2019	04:14	19.82	0.441
9/14/2019	04:15	19.82	0.634
9/14/2019	04:16	19.83	0.477
9/14/2019	04:17	19.82	0.525
9/14/2019	04:18	19.83	0.387
9/14/2019	04:19	19.82	0.497
9/14/2019	04:20	19.82	0.541
9/14/2019	04:21	19.81	0.631
9/14/2019	04:22	19.81	0.559
9/14/2019	04:23	19.81	0.634
9/14/2019	04:24	19.83	0.664
9/14/2019	04:25	19.84	0.68
9/14/2019	04:26	19.83	0.62
9/14/2019	04:27	19.83	0.461
9/14/2019	04:28	19.83	0.708
9/14/2019	04:29	19.85	0.606
9/14/2019	04:30	19.84	0.618
9/14/2019	04:31	19.84	0.504
9/14/2019	04:32	19.82	0.586
9/14/2019	04:33	19.79	0.568
9/14/2019	04:34	19.76	0.79
9/14/2019	04:35	19.73	0.653
9/14/2019	04:36	19.68	0.658
9/14/2019	04:37	19.64	0.779
9/14/2019	04:38	19.6	0.7
9/14/2019	04:39	19.56	0.744
9/14/2019	04:40	19.53	0.677
9/14/2019	04:41	19.51	0.779

52.89	192.400916	19.75	0.649
54.16	189.02682	19.73	0.57
47.88	175.843229	19.72	0.712
37.57	152.5897153	19.71	0.582
44.8	167.6049563	19.69	0.697
31.54	143.5991736	19.67	0.563
44.03	165.7377185	19.65	0.634
34.81	148.1346059	19.66	0.651
40.59	158.2164179	19.66	0.585
51.56	187.5668192	19.66	0.45
55.86	184.444563	19.66	0.415
54.8	187.2558705	19.68	0.517
77.77	150.3033904	19.7	0.527
78.6	149.6633025	19.71	0.454
62.86	169.1652724	19.72	0.508
54.45	188.2173153	19.75	0.621
51.94	188.9126732	19.76	0.514
59.38	176.1022349	19.75	0.636
62.21	170.3718008	19.81	0.771
53.52	190.8556269	19.83	0.706
55.36	185.7521389	19.86	0.696
46.7	172.5339195	19.87	0.625
54.76	187.3648991	19.85	0.569
44.97	168.0269994	19.84	0.641
49.45	180.569852	19.84	0.745
50.24	183.0985742	19.85	0.69
55.62	185.0681354	19.84	0.684
66.62	162.9076439	19.85	0.561
55.07	186.5256047	19.84	0.583
58.43	178.2126172	19.83	0.66
57.31	180.831266	19.82	0.692
52.97	192.4751238	19.83	0.726
59.73	175.3493392	19.83	0.787
50.69	184.5867477	19.85	0.915
51.14	186.1108847	19.86	0.773
48.43	177.4555086	19.85	0.797
65.47	164.6968799	19.84	0.618
59.75	175.3067082	19.84	0.896
64.18	166.8322289	19.86	0.711
54.47	188.1619203	19.86	0.727
45.11	168.3772791	19.85	0.845
39.79	156.6432623	19.84	0.775
36.01	149.9965111	19.8	0.767
36.72	151.1518498	19.76	0.851
23.93	135.6636639	19.72	0.855
33.93	146.8388436	19.67	0.925
35.25	148.804342	19.61	1.068
33.4	146.0858429	19.57	0.981
35.4	149.0360615	19.53	0.942
27.91	139.3936845	19.5	0.931
39.24	155.5972005	19.48	0.981

31.52	143.5737127	19.82	0.763
28.16	139.6575758	19.8	0.76
26.61	138.0794425	19.8	1.012
19.27	132.3298899	19.79	0.826
19.23	132.3057418	19.77	0.772
17.37	131.262755	19.76	0.618
24.82	136.4234449	19.75	0.756
17.71	131.4418485	19.76	0.739
26.5	137.9726212	19.77	0.708
37.01	151.6356133	19.77	0.524
40.36	157.757754	19.77	0.581
38.12	153.5529065	19.79	0.674
48.94	178.9920439	19.8	0.658
55.9	184.3413566	19.81	0.568
37.81	153.0067934	19.82	0.752
42.64	162.5433331	19.86	0.793
32.11	144.3360433	19.85	0.639
40.4	157.837148	19.85	0.898
41.11	159.272805	19.92	0.866
34.38	147.4942572	19.94	0.823
34.4	147.5237341	19.97	0.839
27.17	138.63378	19.97	0.733
32.09	144.3098181	19.96	0.826
30.69	142.54023	19.94	0.738
35.73	149.5520114	19.95	0.981
32.41	144.732689	19.95	0.867
36.3	150.4634796	19.95	0.87
39.43	155.9553605	19.95	0.79
34.86	148.2099689	19.94	0.731
38.92	155.0015278	19.92	0.722
37.08	151.7534315	19.91	0.921
31.41	143.4341512	19.92	0.873
35.94	149.8848029	19.92	0.929
32.13	144.3622957	19.95	1.044
32.36	144.6661545	19.95	0.832
31.72	143.8295183	19.94	1.005
37.46	152.4002055	19.93	0.837
38.06	153.4465523	19.94	0.986
39.63	156.3360183	19.95	0.823
31.68	143.7781441	19.95	0.882
25.5	137.032099	19.95	1.035
18.97	132.1505627	19.93	0.786
14.39	129.9077701	19.89	0.889
16.71	130.9296245	19.85	1.041
8.12	128.2579679	19.81	0.939
14.26	129.8572648	19.74	1.014
13.49	129.5725744	19.68	1.238
14.41	129.915603	19.64	0.996
15.96	130.5740865	19.6	1.024
12.8	129.3383252	19.57	1.154
21.56	133.8367424	19.56	1.145

33.55	146.2969025	19.9	0.9	22.62	134.6192646	19.91
35.75	149.5835556	19.88	0.845	21.58	133.8509995	19.89
32.55	144.9198994	19.88	1.017	20.08	132.8347564	19.9
25.1	136.6710803	19.87	0.908	16.38	130.7701886	19.89
27.99	139.4777323	19.86	0.94	13.89	129.7173853	19.88
18.72	132.0042553	19.84	0.83	10.5	128.6977354	19.87
25.58	137.1053346	19.83	0.895	13.01	129.4075424	19.86
22.56	134.5734947	19.86	0.954	13.89	129.7173853	19.89
27.54	139.0097952	19.88	0.781	16.09	130.6339719	19.91
36.02	150.0125013	19.89	0.609	24.43	136.0854194	19.92
43.36	164.170386	19.89	0.709	34.71	147.9844476	19.93
42.92	163.1691692	19.91	0.828	31.44	143.4721341	19.97
51.89	188.7340096	19.92	0.711	43.64	164.8190309	19.98
55.49	185.4090291	19.93	0.696	46.9	173.0808789	20.01
47.14	173.7446299	19.95	0.787	35.92	149.8529579	20.02
49.77	181.5815251	19.98	0.918	36.92	151.4847333	20.04
37.03	151.6692339	19.97	0.831	30.77	142.6378934	20.05
46.59	172.2354553	19.97	1.009	36.54	150.8550714	20.06
44.22	166.1918042	20.05	1.063	33.5	146.2263702	20.13
39.37	155.8418941	20.07	1.066	29.33	140.9418848	20.15
39.08	155.2981874	20.1	0.986	28.82	140.3719657	20.18
30.75	142.6134389	20.09	0.898	21.67	133.915396	20.16
35.37	148.9895781	20.07	0.855	23.43	135.2547829	20.13
33.07	145.627153	20.05	0.895	22.54	134.5582777	20.11
38.42	154.0894375	20.07	1.053	29.01	140.5824476	20.13
38.18	153.6595768	20.06	1.053	25.84	137.3457436	20.12
34.94	148.3309443	20.06	1.002	26.34	137.8184454	20.12
40.98	159.0061587	20.06	0.854	31.73	143.8423786	20.11
37.29	152.1093518	20.04	0.891	31.8	143.9325875	20.1
42.33	161.8605098	20.02	0.943	32	144.1921397	20.07
38.98	155.1125005	20.01	1.015	30.56	142.3824033	20.06
33.93	146.8388436	20.03	1.026	26.57	138.0405204	20.07
39.81	156.6818387	20.02	1.143	27.91	139.3936845	20.07
38.25	153.7844263	20.05	1.271	28.11	139.604505	20.1
34.42	147.5532407	20.05	1.156	25.27	136.8234658	20.09
38.26	153.8022972	20.03	1.163	26.14	137.6277167	20.07
41.2	159.4584123	20.02	0.951	27.13	138.5935973	20.06
38.97	155.0939823	20.03	1.238	29.62	141.2730316	20.07
42.89	163.1016985	20.05	1.052	30.66	142.5037122	20.08
38.18	153.6595768	20.04	1.074	29.29	140.8966141	20.08
32.48	144.8261256	20.04	1.068	22.61	134.6116239	20.08
23.8	135.5561236	20.02	1.063	11.07	128.836561	20.06
18.99	132.16239	19.97	1.022	7.869	128.2246451	20
19.42	132.4210988	19.92	1.176	8	128.2417275	19.96
15.14	130.2130266	19.88	1.136	1.875	128.1609211	19.9
14.33	129.884372	19.8	1.19	4.921	128.0180091	19.82
16.21	130.689897	19.74	1.393	3.92	128.0250164	19.76
14.22	129.841867	19.71	1.265	5.285	128.0251495	19.72
14.48	129.9431504	19.66	1.203	9.24	128.4369333	19.68
16.25	130.7086768	19.64	1.185	7.044	128.1325523	19.65
23.88	135.6221994	19.63	1.307	14.64	130.0068886	19.65

1.06	31.15	143.1074474	151.9996486	Yes
1.096	32.28	144.5600552	151.3358012	Yes
1.275	32.37	144.6794477	147.271355	Yes
1.131	27.71	139.1851931	138.3092135	Yes
1.04	25.83	137.3364292	141.288449	Yes
0.967	25.34	136.8866621	134.4901163	Yes
1.057	26.67	138.1379931	141.3624067	Yes
1.14	24.5	136.145503	136.0025675	Yes
0.99	27.44	138.907397	140.9480407	Yes
0.789	36.48	150.7567344	155.2114175	Yes
0.903	44.48	166.8202148	164.2354731	Yes
1.027	41.39	159.852972	161.4606105	Yes
0.932	51.5	187.3568179	174.0410585	Yes
0.929	54.38	188.4116359	176.1812406	Yes
1.033	48.45	177.5150035	164.6569314	Yes
1.072	49.18	179.7293193	172.7112452	Yes
0.95	42.4	162.0137796	157.9139247	Yes
1.249	47.8	175.6124958	166.5284811	Yes
1.227	43.13	163.6442911	161.1414143	Yes
1.242	41.84	160.8023771	159.187208	Yes
1.146	39.23	155.5784429	156.9048938	Yes
1.058	34.31	147.3913222	147.0175713	Yes
1.102	37.6	152.6415793	153.7121315	Yes
1.098	36.09	150.1246563	148.1754633	Yes
1.32	38.64	154.4879823	155.8563462	Yes
1.274	39.5	156.0881634	154.9849494	Yes
1.244	36.72	151.1518498	154.5665709	Yes
1.158	43.15	163.6898	157.0802683	Yes
1.089	39.84	156.7397748	157.5034575	Yes
1.094	40.87	158.7818688	159.6097327	Yes
1.201	40.48	157.996407	157.6152017	Yes
1.209	38.53	154.2881682	155.0153614	Yes
1.237	37.02	151.6524194	154.5924169	Yes
1.456	36.86	151.3845207	154.7444991	Yes
1.179	36.25	150.3824854	153.1072462	Yes
1.303	35.95	149.9007373	152.5231556	Yes
1.137	38.28	153.8380657	153.7974322	Yes
1.368	38.22	153.7308664	155.7702282	Yes
1.224	40.12	157.2846692	157.2116654	Yes
1.261	38.51	154.2519549	156.1496421	Yes
1.333	35.25	148.804342	146.7302939	Yes
1.121	23.04	134.9446784	137.6262376	Yes
1.191	21.67	133.915396	134.8413425	Yes
1.352	21.39	133.716337	135.2921275	Yes
1.252	15.75	130.4788824	130.5548924	Yes
1.399	19.14	132.2516765	133.3700332	Yes
1.542	17.65	131.4098719	133.7003403	Yes
1.431	18.75	132.0216624	133.178025	Yes
1.391	16.71	130.9296245	133.7839712	Yes
1.482	19.15	132.2576655	131.9661808	Yes
1.453	26.02	137.5143362	138.5154734	Yes

9/14/2019	04:42	19.49	0.802
9/14/2019	04:43	19.47	0.582
9/14/2019	04:44	19.45	0.739
9/14/2019	04:45	19.44	0.663
9/14/2019	04:46	19.42	0.582
9/14/2019	04:47	19.39	0.565
9/14/2019	04:48	19.36	0.562
9/14/2019	04:49	19.33	0.513
9/14/2019	04:50	19.3	0.475
9/14/2019	04:51	19.26	0.343
9/14/2019	04:52	19.22	0.384
9/14/2019	04:53	19.18	0.354
9/14/2019	04:54	19.13	0.389
9/14/2019	04:55	19.1	0.427
9/14/2019	04:56	19.07	0.403
9/14/2019	04:57	19.06	0.418
9/14/2019	04:58	19.04	0.397
9/14/2019	04:59	19.02	0.387
9/14/2019	05:00	18.99	0.293
9/14/2019	05:01	18.97	0.475
9/14/2019	05:02	18.95	0.353
9/14/2019	05:03	18.93	0.479
9/14/2019	05:04	18.9	0.447
9/14/2019	05:05	18.88	0.466
9/14/2019	05:06	18.87	0.483
9/14/2019	05:07	18.86	0.42
9/14/2019	05:08	18.85	0.302
9/14/2019	05:09	18.86	0.413
9/14/2019	05:10	18.88	0.422
9/14/2019	05:11	18.9	0.331
9/14/2019	05:12	18.9	0.332
9/14/2019	05:13	18.89	0.274
9/14/2019	05:14	18.89	0.308
9/14/2019	05:15	18.87	0.273
9/14/2019	05:16	18.86	0.437
9/14/2019	05:17	18.84	0.265
9/14/2019	05:18	18.82	0.227
9/14/2019	05:19	18.8	0.219
9/14/2019	05:20	18.77	0.238
9/14/2019	05:21	18.74	0.294
9/14/2019	05:22	18.71	0.321
9/14/2019	05:23	18.69	0.283
9/14/2019	05:24	18.67	0.269
9/14/2019	05:25	18.65	0.344
9/14/2019	05:26	18.63	0.442
9/14/2019	05:27	18.62	0.483
9/14/2019	05:28	18.6	0.417
9/14/2019	05:29	18.6	0.429
9/14/2019	05:30	18.59	0.513
9/14/2019	05:31	18.59	0.427
9/14/2019	05:32	18.59	0.396

43.71	164.9826106	19.47	0.948
46.23	171.2702373	19.46	0.843
42.74	162.7658481	19.43	0.853
40.16	157.3631279	19.42	0.968
37.57	152.5897153	19.4	0.832
35.67	149.4575678	19.37	0.784
35.46	149.1292379	19.34	0.785
33.9	146.7956779	19.31	0.79
37.08	151.7534315	19.27	0.655
26.76	138.2261966	19.24	0.536
33.98	146.9109326	19.19	0.526
40.45	157.9366111	19.15	0.541
38.02	153.3758248	19.11	0.611
44.46	166.7715848	19.08	0.639
48.24	176.8933626	19.06	0.75
59.57	175.6919063	19.05	0.618
57.85	179.5505965	19.04	0.599
60.95	172.8244029	19.02	0.623
59.15	176.6041253	18.99	0.502
57.23	181.0239219	18.97	0.611
48.6	177.9631823	18.95	0.518
37.59	152.6242827	18.93	0.644
38.34	153.9455834	18.91	0.663
30.78	142.6501303	18.89	0.553
35.41	149.0515714	18.87	0.558
40.74	158.5183654	18.86	0.615
41.47	160.0202144	18.85	0.443
49.81	181.7091813	18.86	0.694
64.57	166.1719423	18.89	0.644
62.34	170.1273661	18.92	0.573
46.61	172.2895975	18.93	0.453
34.95	148.3461005	18.92	0.475
36.59	150.9372435	18.91	0.443
29.67	141.3306495	18.9	0.397
21.88	134.0671834	18.88	0.493
14.16	129.8188958	18.86	0.365
11.83	129.0420207	18.83	0.387
26.57	138.0405204	18.8	0.322
25.81	137.3178167	18.77	0.325
27.91	139.3936845	18.74	0.477
37.51	152.4862183	18.71	0.567
58.25	178.6237562	18.69	0.474
58.2	178.7386118	18.68	0.556
60.03	174.7142743	18.66	0.584
61.24	172.2462807	18.64	0.671
55.87	184.4187421	18.63	0.682
45.5	169.3661605	18.61	0.718
47.33	174.2758967	18.61	0.686
33.88	146.7669371	18.61	0.644
33.95	146.8676573	18.61	0.7
36.58	150.9207928	18.61	0.544

22.08	134.2137411	19.55	1.004
26.59	138.0599703	19.54	0.715
22.93	134.8585983	19.51	1.033
25.43	136.9683009	19.51	1.018
22.09	134.2211203	19.49	0.923
22.97	134.8898299	19.46	0.989
16.14	130.6571986	19.43	0.89
17.56	131.3622062	19.4	0.819
11.48	128.9445014	19.37	0.743
10.91	128.7962751	19.33	0.575
16.32	130.7417077	19.29	0.558
20.34	133.0032775	19.25	0.748
21.68	133.9225754	19.22	0.844
31.24	143.2200349	19.2	0.796
28.17	139.6682076	19.19	0.846
43.57	164.6560207	19.17	0.693
41.88	160.8877961	19.15	0.608
42.52	162.2777684	19.12	0.601
42.53	162.2998385	19.09	0.608
35.16	148.6661444	19.07	0.656
27.93	139.4146615	19.05	0.687
24.93	136.5202343	19.03	0.737
17.41	131.2835596	19.01	0.696
12.77	129.3285848	19	0.634
22.58	134.5887315	18.99	0.627
23.09	134.9840066	19	0.666
23.12	135.0076639	18.99	0.571
33.81	146.6665738	19.01	0.775
42.11	161.3822519	19.04	0.739
40.87	158.7818688	19.06	0.625
32.25	144.5203807	19.05	0.475
24.61	136.2404384	19.05	0.598
19.8	132.6567999	19.06	0.451
10.39	128.6724442	19.05	0.507
7.444	128.173868	19.04	0.508
1.632	128.1879502	19.02	0.416
357.7	128.9499403	18.99	0.468
9.57	128.4991315	18.97	0.367
2.184	128.129895	18.94	0.417
11.82	129.0391656	18.91	0.53
19.22	132.2997163	18.89	0.636
35.92	149.8529579	18.88	0.614
42.82	162.944657	18.85	0.599
42.24	161.6642285	18.82	0.715
40.75	158.5385748	18.79	0.774
35.97	149.9326301	18.77	0.77
29.49	141.1239471	18.74	0.777
26.63	138.0989371	18.74	0.758
18.85	132.0799809	18.74	0.736
21.16	133.5556494	18.74	0.635
21.76	133.9801852	18.74	0.625

25.21	136.7695064	19.63	1.243	12.72	129.312433	19.65
29.09	140.6717237	19.61	1.072	16.06	130.6200877	19.63
26.8	138.2655439	19.59	1.177	14.19	129.8303626	19.62
30.5	142.3099249	19.59	1.282	15.94	130.5649379	19.62
26.43	137.9049945	19.58	1.131	14.26	129.8572648	19.61
24.78	136.3884073	19.54	1.003	12.92	129.377656	19.57
23.77	135.5314299	19.52	0.974	8.58	128.3254775	19.55
23.4	135.2306555	19.49	1.012	7.642	128.1966416	19.52
17.21	131.1802414	19.47	0.907	4.715	128.0162579	19.49
12.61	129.2772595	19.43	0.721	3.164	128.0562172	19.45
15.02	130.1625896	19.39	0.641	3.359	128.0460343	19.42
21.41	133.73043	19.35	0.726	9.24	128.4369333	19.4
26.92	138.3841252	19.33	0.835	12.25	129.1656065	19.39
28.07	139.5621538	19.31	0.873	14.1	129.7960751	19.37
32.46	144.7993951	19.31	0.978	18.86	132.0858377	19.38
42.06	161.274282	19.3	0.813	30.43	142.2256571	19.36
41.21	159.4790864	19.27	0.728	27.55	139.0200666	19.33
40.36	157.757754	19.24	0.834	28.7	140.2401479	19.3
41.2	159.4584123	19.21	0.728	28.5	140.0223639	19.28
36.55	150.8714895	19.19	0.815	25.8	137.3085186	19.26
25.98	137.4767181	19.16	0.699	16.84	130.9937334	19.24
18.93	132.1269626	19.14	0.861	11.39	128.920226	19.21
20.43	133.0623502	19.13	0.899	7.226	128.1505732	19.2
16.54	130.8469003	19.12	0.81	6.588	128.0930974	19.19
20.45	133.0755292	19.12	0.789	9.19	128.4278861	19.19
24.66	136.2838008	19.13	0.749	11.5	128.9499403	19.2
27.41	138.8767894	19.12	0.624	16.97	131.05858	19.19
33.35	146.0158472	19.14	0.866	22.95	134.8742041	19.21
42.81	162.922267	19.17	0.816	26.49	137.9629436	19.24
41.35	159.7695986	19.2	0.833	29.32	140.930558	19.26
32.9	145.3938588	19.18	0.529	20.08	132.8347564	19.25
25.69	137.2065985	19.18	0.624	16.25	130.7086768	19.25
20.36	133.0163719	19.19	0.598	9.22	128.4333025	19.25
11.75	129.0192931	19.18	0.538	3.33	128.0474547	19.24
5.841	128.0460343	19.17	0.594	359.8	128.4665503	19.22
1.345	128.2228595	19.15	0.581	358.3	128.7937914	19.21
2.142	128.1338924	19.13	0.572	355.5	129.6477719	19.2
5.445	128.0299233	19.11	0.503	359.6	128.5050003	19.18
8.26	128.2776316	19.09	0.537	2.096	128.1383498	19.16
12.44	129.2238747	19.07	0.639	3.068	128.0617758	19.15
19.34	132.3723255	19.06	0.759	7.882	128.2263102	19.15
30.57	142.3945054	19.04	0.753	19.35	132.3784061	19.14
39.19	155.503505	19.01	0.733	25.14	136.7067969	19.11
37.72	152.8498079	18.97	0.792	27.27	138.7346347	19.08
35.82	149.694209	18.93	0.959	23.85	135.5973825	19.04
33.33	145.9878988	18.89	0.968	22.48	134.5127459	18.99
26.38	137.8568562	18.86	0.968	17.7	131.436508	18.95
24.34	136.0085451	18.86	0.914	12.52	129.2488498	18.94
18.83	132.0682809	18.86	0.91	10.42	128.6792938	18.94
17.87	131.5279011	18.86	0.904	10.41	128.6770066	18.94
17.09	131.1190949	18.87	0.743	9.9	128.565657	18.94

1.337	24.2	135.8898012	140.2336185	Yes
1.025	24.79	136.3971588	143.4038355	Yes
1.398	28.27	139.7748489	141.0990404	Yes
1.368	28.84	140.3940193	141.5200622	Yes
1.331	27.83	139.3100093	138.7766208	Yes
1.336	26.23	137.7132716	137.5653465	Yes
1.236	24.5	136.145503	135.9577694	Yes
1.173	20.83	133.329518	134.9829398	Yes
1.081	16.69	130.919827	134.1628518	Yes
0.872	13.79	129.6805596	130.8073016	Yes
0.787	19.86	132.6946266	133.7111782	Yes
1.076	24.77	136.3796611	137.8973826	Yes
1.156	25.19	136.7515627	138.3199389	Yes
1.161	25.8	137.3085186	143.3316734	Yes
1.184	30.48	142.2858165	147.1465239	Yes
1.063	41.52	160.1250774	160.7945887	Yes
0.891	39.26	155.6347435	158.9144578	Yes
0.939	40.57	158.176327	158.25528	Yes
0.964	41.73	160.5683448	159.790617	Yes
0.984	37.28	152.092319	153.9924787	Yes
0.988	30.19	141.9391008	145.5574792	Yes
0.919	23.59	135.3842351	137.1151882	Yes
1.012	21.47	133.7728247	136.0429782	Yes
0.966	17.38	131.2679495	132.4373325	Yes
0.936	23.46	135.278956	136.0845349	Yes
0.937	26.02	137.5143362	139.2500899	Yes
0.85	27.1	138.5635199	140.7053535	Yes
1.032	33.33	145.9878988	151.0507411	Yes
0.969	37.71	152.8324082	156.2543626	Yes
0.927	38.67	154.5426658	156.8304114	Yes
0.772	37.39	152.2801453	149.4637477	Yes
0.834	32.26	144.5335987	139.4070826	Yes
0.616	23.15	135.0313665	136.0150169	Yes
0.757	21.9	134.0817512	132.2303185	Yes
0.724	14.15	129.8150819	129.7137436	Yes
0.677	10.21	128.6321023	128.7311198	Yes
0.727	6.625	128.0959954	128.7739242	Yes
0.661	8.46	128.3070621	130.2763275	Yes
0.729	14.35	129.8921546	130.3511695	Yes
0.804	16.48	130.8180033	131.3073008	Yes
0.961	19.57	132.5133423	135.5795825	Yes
0.938	29.42	141.0441017	148.8587454	Yes
0.958	36.67	151.0691447	156.9925431	Yes
1.024	36.94	151.5182039	155.8962299	Yes
1.15	36.45	150.7076759	153.3568246	Yes
1.14	35.02	148.452407	152.6608848	Yes
1.149	31.66	143.752497	144.7071938	Yes
1.136	26.58	138.0502426	143.1364942	Yes
1.091	22.52	134.5430806	134.8275147	Yes
0.973	22.05	134.1916327	134.9639694	Yes
0.926	21.21	133.5903655	135.6352191	Yes

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9/14/2019	05:38	18.63	0.478
9/14/2019	05:39	18.64	0.59
9/14/2019	05:40	18.65	0.49
9/14/2019	05:41	18.66	0.539
9/14/2019	05:42	18.68	0.569
9/14/2019	05:43	18.7	0.581
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9/14/2019	05:45	18.73	0.475
9/14/2019	05:46	18.74	0.51
9/14/2019	05:47	18.76	0.731
9/14/2019	05:48	18.78	0.584
9/14/2019	05:49	18.8	0.677
9/14/2019	05:50	18.81	0.435
9/14/2019	05:51	18.82	0.393
9/14/2019	05:52	18.82	0.442
9/14/2019	05:53	18.82	0.44
9/14/2019	05:54	18.81	0.457
9/14/2019	05:55	18.8	0.425
9/14/2019	05:56	18.79	0.524
9/14/2019	05:57	18.78	0.591
9/14/2019	05:58	18.77	0.64
9/14/2019	05:59	18.78	0.708
9/14/2019	06:00	18.78	0.727
9/14/2019	06:01	18.8	0.799
9/14/2019	06:02	18.81	0.608
9/14/2019	06:03	18.82	0.574
9/14/2019	06:04	18.83	0.698
9/14/2019	06:05	18.84	0.531
9/14/2019	06:06	18.84	0.544
9/14/2019	06:07	18.86	0.564
9/14/2019	06:08	18.87	0.654
9/14/2019	06:09	18.87	0.621
9/14/2019	06:10	18.87	0.67
9/14/2019	06:11	18.88	0.89
9/14/2019	06:12	18.89	0.613
9/14/2019	06:13	18.89	0.776
9/14/2019	06:14	18.87	0.789
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9/14/2019	06:16	18.87	0.659
9/14/2019	06:17	18.86	0.577
9/14/2019	06:18	18.84	0.64
9/14/2019	06:19	18.82	0.556
9/14/2019	06:20	18.8	0.593
9/14/2019	06:21	18.78	0.608
9/14/2019	06:22	18.76	0.508
9/14/2019	06:23	18.74	0.538

31.59	143.662942	18.61	0.639
39.14	155.4100406	18.6	0.595
43.51	164.5167494	18.6	0.593
47.83	175.6989096	18.62	0.666
44.15	166.0240078	18.64	0.645
43.18	163.7581482	18.65	0.571
36.67	151.0691447	18.66	0.809
39.24	155.5972005	18.67	0.734
34	146.9398193	18.68	0.751
27.64	139.1127686	18.69	0.836
33.29	145.9320875	18.71	0.777
39.37	155.8418941	18.72	0.697
38.57	154.3607022	18.74	0.765
36.46	150.7240206	18.75	0.714
30.89	142.7851621	18.77	0.9
34.08	147.0556593	18.78	0.778
38.45	154.1435297	18.8	0.785
28.31	139.8176703	18.82	0.66
30.07	141.797187	18.82	0.613
39.1	155.335435	18.82	0.637
47.13	173.7168111	18.82	0.628
38.87	154.9093015	18.81	0.565
39.92	156.8946911	18.8	0.632
33.54	146.2827817	18.78	0.686
35.09	148.559088	18.77	0.839
34.65	147.8947147	18.77	0.886
35.17	148.6814689	18.77	0.88
33.73	146.5523084	18.78	1.025
44.39	166.6017625	18.79	1.034
54.74	187.4194953	18.8	1.04
50.58	184.2196916	18.82	0.848
66.82	162.6070879	18.83	0.793
61.01	172.70411	18.84	0.744
62.86	169.1652724	18.84	0.749
59.25	176.3852117	18.87	0.81
38.73	154.6522764	18.89	0.846
34.87	148.2250642	18.9	0.811
35.92	149.8529579	18.9	0.886
27.68	139.1541194	18.91	1.046
13.5	129.5761138	18.91	0.903
19.26	132.323846	18.89	0.98
26.93	138.3940436	18.87	1.019
38.11	153.5351589	18.86	0.945
31.28	143.2702443	18.86	0.829
37.65	152.7281908	18.84	0.785
38.75	154.6888855	18.83	0.785
37.25	152.0412713	18.8	0.632
37.99	153.3228709	18.78	0.807
40.86	158.7615392	18.77	0.815
32.46	144.7993951	18.75	0.675
34.68	147.9395472	18.73	0.751

16.51	130.8324323	18.75	0.578
18.59	131.9292954	18.75	0.625
26.61	138.0794425	18.76	0.698
33.72	146.5380578	18.78	0.769
30.62	142.4551118	18.8	0.72
29.13	140.7165072	18.81	0.83
22.22	134.3174969	18.81	0.902
19.67	132.5754146	18.82	0.868
20.6	133.1749726	18.83	0.83
13.76	129.669593	18.84	0.97
17.76	131.4686177	18.86	0.864
20.76	133.2822171	18.88	0.859
18.68	131.9811093	18.89	0.812
17.67	131.420513	18.9	0.982
17.32	131.2368484	18.93	0.868
14.19	129.8303626	18.94	0.702
19.35	132.3784061	18.96	0.962
17.7	131.436508	18.97	0.822
19.2	132.2876789	18.98	0.69
27.07	138.5334935	18.97	0.656
28.39	139.9035966	18.96	0.662
26.54	138.0113873	18.94	0.584
19.02	132.1801652	18.93	0.665
15.44	130.3417936	18.92	0.768
14.39	129.9077701	18.91	0.831
15.07	130.1835309	18.9	1.037
19.91	132.7262765	18.9	0.987
20.09	132.8411795	18.91	1.151
27.42	138.8869862	18.92	1.085
34.07	147.0411536	18.93	1.091
35.19	148.712141	18.94	1.093
42.69	162.6544526	18.95	0.997
44.43	166.698731	18.95	0.812
42.83	162.9670581	18.93	0.842
41.05	159.1495247	18.96	0.927
30.84	142.7236871	18.98	0.907
21.15	133.5487205	19	1.015
15.27	130.2683559	19.02	1.035
9.25	128.4387546	19.04	1.092
354.2	130.1542428	19.04	0.939
355.3	129.7210908	19.01	1.053
0.691	128.3145131	18.99	1.168
7.914	128.230437	18.99	1.112
13.34	129.5199801	18.98	0.919
18.38	131.8098181	18.96	0.829
23.47	135.2870238	18.94	0.761
16.78	130.9640531	18.91	0.791
17.93	131.5604645	18.89	0.868
20.04	132.8091105	18.88	0.865
8.31	128.2848414	18.87	0.781
17.72	131.4471935	18.85	0.838

18.95	132.1387535	18.87	0.785	8.19	128.2677033	18.94
19.14	132.2516765	18.87	0.743	8.27	128.2790657	18.95
28.19	139.6894888	18.89	0.832	17.13	131.1394068	18.96
32.71	145.1355106	18.91	0.807	20.21	132.9186214	18.98
30.64	142.4793992	18.92	0.875	18	131.5986579	18.99
26.25	137.7323444	18.93	0.8	13.34	129.5199801	18.99
20.74	133.2687452	18.93	1.054	9.82	128.5491317	18.99
17.85	131.5170823	18.94	1.021	9.02	128.3978666	18.99
17.67	131.420513	18.94	1.06	6.73	128.1045112	18.99
16.54	130.8469003	18.96	1.06	5.351	128.0269977	19
16.57	130.8614074	18.99	1.034	6.382	128.0779412	19.02
20.46	133.0821258	19	0.982	8	128.2417275	19.03
17.93	131.5604645	19.01	0.976	8.71	128.346069	19.04
19.28	132.3359384	19.02	0.957	8.72	128.3476806	19.05
13.23	129.4820018	19.05	1.124	5.684	128.0389146	19.07
15.51	130.3723904	19.06	1.025	6.257	128.0695532	19.08
21.11	133.521053	19.08	1.05	11.19	128.8674516	19.1
23.36	135.1985567	19.09	0.935	13.28	129.4992027	19.12
20.75	133.2754788	19.09	0.763	8.16	128.2635074	19.11
26.9	138.3643054	19.08	0.78	14.18	129.8265362	19.11
26.57	138.0405204	19.07	0.786	16.11	130.6432497	19.1
21.47	133.7728247	19.04	0.723	13.07	129.4276518	19.08
18.67	131.9753341	19.02	0.82	9.02	128.3978666	19.06
12.99	129.4008722	19.01	0.986	5.3	128.0255546	19.05
14.73	130.0432146	19.01	1.112	4.249	128.0184022	19.04
13.54	129.5903128	19	1.182	2.519	128.1004835	19.03
18.66	131.9695634	19	1.188	8.3	128.2833916	19.04
19.46	132.4455958	19.01	1.399	9.21	128.4314931	19.04
24.79	136.3971588	19.02	1.314	15.39	130.3200666	19.05
32.53	144.8930724	19.03	1.241	20.79	133.3024604	19.05
35.2	148.7274886	19.04	1.093	24.55	136.1885768	19.06
40.01	157.0697048	19.05	1.047	31.34	143.3457553	19.08
42.53	162.2998385	19.04	0.907	31.69	143.7909776	19.07
41.81	160.7384237	19.03	1.002	32.07	144.28362	19.06
39.56	156.2023603	19.06	1.049	32.89	145.3801987	19.11
30.47	142.2737719	19.08	1.038	20.68	133.2284434	19.14
20.25	132.944585	19.12	1.111	14.25	129.8534091	19.19
15.45	130.3461518	19.15	1.164	9.66	128.5168452	19.21
9.86	128.5573625	19.17	1.352	1.465	128.2078696	19.22
355.8	129.5409061	19.17	1.175	349.2	132.7835393	19.21
359.4	128.5450401	19.12	1.246	349.7	132.4701664	19.15
3.621	128.0346899	19.09	1.253	356.8	129.2114853	19.11
9.82	128.5491317	19.09	1.227	358.6	128.7211479	19.11
11.13	128.8519338	19.08	1.085	5.2	128.0230196	19.1
18.02	131.6096105	19.06	1.051	4.717	128.0162669	19.09
20.93	133.3974946	19.04	1.046	11.55	128.9636085	19.06
14.92	130.1210245	19	0.914	5.295	128.0254186	19.03
13.44	129.5549395	18.99	1.055	3.77	128.0294333	19.03
18.12	131.6646414	18.99	1.056	5.991	128.0537355	19.03
2.07	128.1409059	18.98	0.87	358.4	128.7691755	19.03
18.22	131.7201198	18.96	1.002	8.18	128.2663007	19.01

0.892	19.75	132.6254052	133.5054473	Yes
0.854	21.62	133.8795717	136.34993	Yes
0.965	28.43	139.9467017	142.6743578	Yes
1.073	32.37	144.6794477	148.9941094	Yes
1.032	30.87	142.7605527	145.0635459	Yes
1.154	26.14	137.6277167	141.8709393	Yes
1.194	24.22	135.9067023	136.6222442	Yes
1.146	20.55	133.1417069	136.2458542	Yes
1.105	17.5	131.3306282	134.1940889	Yes
1.329	16.12	130.647895	131.6608309	Yes
1.166	18.49	131.8721535	133.6424414	Yes
1.146	18.37	131.8041783	136.4504286	Yes
1.09	18.17	131.6923246	135.5881339	Yes
1.279	21.15	133.5487205	135.2753746	Yes
1.238	15.83	130.5149276	132.4115709	Yes
1.181	18.96	132.1446558	133.4945243	Yes
1.239	24.9	136.4937737	137.0808428	Yes
1.049	23.61	135.4005083	134.2704892	Yes
0.967	20.14	132.8733651	133.6994434	Yes
0.984	28.95	140.5157445	140.5151029	Yes
0.939	29.2	140.7951122	144.619858	Yes
0.829	24.04	135.7553391	138.3753009	Yes
0.893	19.33	132.3662495	136.3628613	Yes
1.091	17.1	131.1241663	133.0350337	Yes
1.135	16.81	130.9788736	133.5014697	Yes
1.384	16.35	130.7559287	133.3049941	Yes
1.334	19.65	132.5629632	134.8447327	Yes
1.5	23.85	135.5973825	135.1735918	Yes
1.507	28.02	139.5093465	142.3430641	Yes
1.451	32.08	144.2967156	151.3905795	Yes
1.399	37.5	152.4689987	154.0633793	Yes
1.369	42.96	163.2592868	157.7872575	Yes
1.121	44.08	165.8567973	162.2700909	Yes
1.205	43.73	165.0294526	160.4367653	Yes
1.253	43.51	164.5167494	160.326809	Yes
1.235	34.26	147.3180197	144.0392397	Yes
1.299	26.61	138.0794425	136.5302443	Yes
1.335	19.91	132.7262765	134.3421175	Yes
1.442	11.27	128.8883678	130.6492948	Yes
1.252	356	129.4717308	130.3053066	Yes
1.434	356.4	129.3383252	130.4796937	Yes
1.509	3.91	128.0252835	130.3960031	Yes
1.406	9.09	128.410089	133.4891929	Yes
1.148	13.64	129.6261003	131.8582556	Yes
1.126	17.06	131.103907	135.0535587	Yes
1.147	22.11	134.2358935	137.3145812	Yes
1.084	15.37	130.3114056	134.2926346	Yes
1.236	14.71	130.0351127	134.5005642	Yes
1.133	17.42	131.2887718	136.5155597	Yes
1.17	7.588	128.190278	131.6369192	Yes
1.117	16.21	130.689897	134.0126116	Yes

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9/14/2019	06:35	18.64	0.566
9/14/2019	06:36	18.63	0.573
9/14/2019	06:37	18.61	0.564
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9/14/2019	06:39	18.59	0.583
9/14/2019	06:40	18.59	0.725
9/14/2019	06:41	18.58	0.658
9/14/2019	06:42	18.59	0.687
9/14/2019	06:43	18.6	0.54
9/14/2019	06:44	18.6	0.659
9/14/2019	06:45	18.61	0.648
9/14/2019	06:46	18.61	0.703
9/14/2019	06:47	18.6	0.677
9/14/2019	06:48	18.6	0.437
9/14/2019	06:49	18.58	0.292
9/14/2019	06:50	18.58	0.533
9/14/2019	06:51	18.58	0.594
9/14/2019	06:52	18.59	0.507
9/14/2019	06:53	18.61	0.343
9/14/2019	06:54	18.61	0.347
9/14/2019	06:55	18.63	0.618
9/14/2019	06:56	18.67	0.545
9/14/2019	06:57	18.73	0.536
9/14/2019	06:58	18.78	0.595
9/14/2019	06:59	18.81	0.582
9/14/2019	07:00	18.85	0.85
9/14/2019	07:01	18.89	0.653
9/14/2019	07:02	18.89	0.598
9/14/2019	07:03	18.89	0.468
9/14/2019	07:04	18.88	0.672
9/14/2019	07:05	18.86	0.519
9/14/2019	07:06	18.84	0.569
9/14/2019	07:07	18.81	0.627
9/14/2019	07:08	18.8	0.702
9/14/2019	07:09	18.79	0.673
9/14/2019	07:10	18.8	0.698
9/14/2019	07:11	18.83	0.653
9/14/2019	07:12	18.86	0.518
9/14/2019	07:13	18.89	0.562
9/14/2019	07:14	18.91	0.422

41.95	161.037687	18.71	0.754
45.74	169.984429	18.69	0.748
34.86	148.2099689	18.68	0.979
39.74	156.5469877	18.67	1.06
39.34	155.7852869	18.67	0.866
38.59	154.397023	18.66	0.799
36.98	151.585245	18.65	0.984
36.08	150.1086101	18.65	0.971
36.2	150.3016928	18.65	0.918
38.11	153.5351589	18.65	0.956
41.08	159.2111192	18.65	0.85
33.13	145.7099775	18.64	0.804
40.81	158.6600415	18.62	0.777
41.29	159.6448471	18.61	0.819
29.38	140.9986107	18.59	0.774
29.42	141.0441017	18.58	0.919
38.46	154.1615782	18.58	0.848
26.68	138.1477711	18.58	0.843
38	153.3405134	18.58	0.862
41.17	159.3964515	18.59	0.753
31.33	143.3331537	18.59	1.019
32.66	145.0679417	18.6	0.873
39.67	156.4126019	18.62	0.867
46.83	172.8888094	18.62	0.836
50.13	182.7401487	18.62	0.581
57.43	180.5437087	18.6	0.611
59.94	174.903807	18.6	0.764
57.3	180.8553063	18.6	0.889
67.51	161.5936701	18.62	0.755
64.77	165.8383297	18.64	0.599
67.5	161.6081001	18.64	0.649
62.74	169.3850898	18.65	0.94
65.46	164.712903	18.7	0.974
64.57	166.1719423	18.78	0.924
65.1	165.2951784	18.83	0.931
76.13	151.6786163	18.85	0.976
73.36	154.3504547	18.9	1.182
68.75	159.8615696	18.93	0.999
77.03	150.9055146	18.93	0.898
59.45	175.9506132	18.92	0.743
59.98	174.8194662	18.9	1.036
47.95	176.0459004	18.88	0.906
52.16	189.7045501	18.85	0.861
50.54	184.0867464	18.81	0.913
56.32	183.2699924	18.8	0.953
62.37	170.0711819	18.79	0.982
67.35	161.8254511	18.81	0.987
65.49	164.6648582	18.84	0.975
69.23	159.2209022	18.87	0.954
71.88	155.9682146	18.91	0.819
72.55	155.2188339	18.92	0.576

23.54	135.3436413	18.83	0.841
21.68	133.9225754	18.81	0.843
20.56	133.1483506	18.8	0.886
17.23	131.190494	18.81	1.154
20.27	132.957595	18.81	0.869
18.67	131.9753341	18.79	0.994
21	133.4453614	18.79	1.034
15.06	130.1793342	18.78	1.008
18.04	131.6205809	18.79	0.918
13.45	129.5584582	18.78	1.135
21.63	133.8867269	18.78	0.933
10.47	128.6907898	18.76	1.049
15.25	130.259797	18.74	0.883
13.94	129.7359543	18.72	0.959
10.78	128.7643006	18.71	0.894
8.32	128.2862952	18.7	1.053
19.23	132.3057418	18.71	0.946
9.17	128.424295	18.7	0.993
14.44	129.9273839	18.72	1.063
18.05	131.6260728	18.73	0.848
10.79	128.766736	18.72	0.993
10.96	128.8087539	18.74	0.983
20.82	133.3227465	18.74	0.78
22.96	134.8820145	18.74	0.827
25.36	136.9047665	18.73	0.834
36.04	150.0445056	18.71	0.649
44.9	167.8527808	18.69	0.677
37.34	152.1946427	18.7	0.844
40.19	157.4220737	18.73	0.811
43.06	163.4853659	18.73	0.595
45.24	168.7047528	18.73	0.746
44.45	166.747288	18.74	0.934
48.01	176.2202005	18.79	1.089
46.65	172.398047	18.88	1.053
48.04	176.3075526	18.92	0.99
55.57	185.1989871	18.94	1.243
51.14	186.1108847	18.98	1.345
54.27	188.7183788	19.01	1.164
52.82	192.1376851	19	0.946
46.98	173.3012273	18.98	0.997
46.61	172.2895975	18.96	1.039
37.72	152.8498079	18.93	0.995
36.85	151.3678476	18.9	0.904
36.29	150.4472646	18.86	0.915
33.06	145.6133736	18.85	1.11
41.08	159.2111192	18.85	0.971
47.05	173.4947707	18.86	1.098
46.79	172.7793623	18.9	1.066
47.16	173.8003102	18.93	1.166
46.38	171.6702703	18.95	0.928
52.17	189.7407688	18.95	0.791

15.71	130.4609627	18.94	1.013	5.287	128.025203	18.99
16.63	130.8905389	18.92	0.925	7.812	128.217423	18.96
19.98	132.7707816	18.91	1.203	6.598	128.0938754	18.95
17.93	131.5604645	18.93	1.3	7.396	128.1685789	18.97
19.05	132.1979814	18.92	1.11	9.14	128.418938	18.96
14.63	130.0028734	18.9	1.087	7.186	128.1465013	18.94
18.7	131.9926732	18.9	1.331	7	128.1283904	18.93
14.1	129.7960751	18.89	1.249	4.82	128.0169437	18.93
17.86	131.5224894	18.9	1.184	7.481	128.1780068	18.93
15.26	130.2640744	18.89	1.279	2.187	128.1296121	18.93
18.77	132.0332898	18.89	1.16	10.98	128.8137735	18.92
10.09	128.6059268	18.87	1.113	1.465	128.2078696	18.9
14.15	129.8150819	18.84	1.019	4.022	128.0225142	18.87
10.03	128.5930545	18.82	1.14	2.177	128.1305565	18.85
7.942	128.2340811	18.81	1.047	3.334	128.0472568	18.84
10.65	128.7330044	18.81	1.193	2.53	128.0995922	18.83
13.81	129.6878915	18.82	1.106	5.108	128.0210319	18.84
8.38	128.2951007	18.82	1.139	0.836	128.2927387	18.84
10.27	128.6454057	18.84	1.194	0.941	128.2774884	18.87
15.66	130.4386593	18.85	0.999	9.61	128.5069645	18.88
12.02	129.09704	18.84	1.289	3.095	128.060176	18.86
11.93	129.0707955	18.85	1.158	2.724	128.0846513	18.87
15.46	130.3505142	18.85	1.107	8.69	128.3428576	18.88
21.34	133.6811887	18.83	1.079	10.87	128.7863645	18.86
24.87	136.4673607	18.81	0.964	11.89	129.0592369	18.85
30.7	142.5524154	18.78	0.751	20.58	133.1616521	18.82
38.42	154.0894375	18.77	0.98	27.58	139.0509154	18.82
34.6	147.8201441	18.78	1.11	23.71	135.4821808	18.83
40.86	158.7615392	18.82	0.963	29.94	141.6444673	18.86
37.5	152.4689987	18.82	0.743	28.39	139.9035966	18.86
42.72	162.7212567	18.82	0.727	31.48	143.5228704	18.86
41.21	159.4790864	18.84	1.082	29.34	140.9532177	18.89
47.34	174.3040013	18.9	1.21	36.19	150.2855584	18.96
46.57	172.1813681	18.99	1.147	36.6	150.9537025	19.05
46.93	173.1634043	19.03	1.2	37.7	152.8150171	19.09
52.66	191.5397816	19.05	1.218	44.6	167.1130196	19.11
51.63	187.8126771	19.1	1.474	43.09	163.553409	19.16
52.66	191.5397816	19.12	1.338	42.51	162.2557093	19.18
49.41	180.4445798	19.11	1.142	47.03	173.4394021	19.17
45.17	168.5281549	19.08	1.024	36.61	150.9701696	19.13
46.17	171.1110735	19.05	1.327	35.39	149.0205593	19.11
38.06	153.4465523	19.02	1.155	25.07	136.6443488	19.07
33.92	146.8244478	18.97	1.099	23.37	135.2065738	19.02
32.44	144.772692	18.92	1.182	20.06	132.8219241	18.98
32.83	145.298385	18.92	1.27	22.54	134.5582777	18.97
37.77	152.9369357	18.91	1.214	29.62	141.2730316	18.97
43.01	163.372186	18.93	1.242	31.01	142.9333629	18.98
47.72	175.3827087	18.98	1.252	35.72	149.5362511	19.02
48.13	176.57042	19	1.209	37.74	152.8846331	19.05
45.18	168.5533451	19.02	1.071	37.25	152.0412713	19.06
49.84	181.8050996	19.01	0.858	40.5	158.0363201	19.05

1.155	16.74	130.9443535	137.1623695	Yes
1.164	16.85	130.9986953	138.8027323	Yes
1.16	17.95	131.5713546	134.7588662	Yes
1.542	19.25	132.3178067	135.9568663	Yes
1.183	19.23	132.3057418	136.3331086	Yes
1.348	17.94	131.5659073	135.2175278	Yes
1.374	17.24	131.1956269	135.2694594	Yes
1.433	16.44	130.7988254	133.7799577	Yes
1.343	17.29	131.2213573	134.5688254	Yes
1.486	16.24	130.7039753	134.4382558	Yes
1.236	20.77	133.2889601	137.4467739	Yes
1.39	13.34	129.5199801	132.1469087	Yes
1.235	14.69	130.0270276	135.3568925	Yes
1.314	11.87	129.0534819	135.0315789	Yes
1.223	11.9	129.0621204	131.0212739	Yes
1.422	11.22	128.8752649	131.0076517	Yes
1.243	16.19	130.680533	134.9713553	Yes
1.328	9.55	128.4952389	130.3310289	Yes
1.467	11.71	129.0080265	133.8397636	Yes
1.21	17.26	131.2059058	136.2348108	Yes
1.378	14.06	129.7809448	131.8076101	Yes
1.321	13.23	129.4820018	132.1028288	Yes
1.064	15.87	130.533053	135.7923547	Yes
1.168	22.4	134.4523139	140.9381382	Yes
1.101	25.37	136.9138267	144.4170679	Yes
0.934	30.72	142.5768055	149.7758175	Yes
0.946	34.07	147.0411536	156.5876189	Yes
1.263	36.47	150.7403734	153.4185295	Yes
1.172	40.08	157.2063652	155.3256231	Yes
0.91	37.27	152.0752947	154.7543171	Yes
1.031	41.76	160.6320455	159.4378051	Yes
1.261	42.46	162.1455776	159.7420519	Yes
1.476	48.5	177.6640101	168.6373347	Yes
1.426	48.18	176.7169851	167.684409	Yes
1.358	47.52	174.8123506	168.4787006	Yes
1.577	52.66	191.5397816	177.4140372	Yes
1.806	52.39	190.5425676	176.4739986	Yes
1.536	50.32	183.3605568	177.1471992	Yes
1.329	57.33	180.7832211	175.5420805	Yes
1.335	48.26	176.9522765	169.1404883	Yes
1.491	46.85	172.9436165	168.0368626	Yes
1.4	40.26	157.5599539	155.3093126	Yes
1.284	37.57	152.5897153	155.1386269	Yes
1.286	35.39	149.0205593	152.2298373	Yes
1.468	38.09	153.49969	152.4479437	Yes
1.309	39.92	156.8946911	156.0773919	Yes
1.41	41.97	161.0806085	160.5412758	Yes
1.473	47.3	174.1916691	167.3109699	Yes
1.517	47.73	175.4113805	167.5775292	Yes
1.27	47.88	175.843229	164.8152661	Yes
1.108	51.08	185.9055498	174.1413145	Yes

9/14/2019	07:15	18.92	0.688
9/14/2019	07:16	18.95	0.404
9/14/2019	07:17	18.98	0.288
9/14/2019	07:18	19	0.364
9/14/2019	07:19	19.05	0.464
9/14/2019	07:20	19.11	0.641
9/14/2019	07:21	19.15	0.31
9/14/2019	07:22	19.2	0.367
9/14/2019	07:23	19.24	0.452
9/14/2019	07:24	19.28	0.359
9/14/2019	07:25	19.32	0.374
9/14/2019	07:26	19.36	0.459
9/14/2019	07:27	19.4	0.496
9/14/2019	07:28	19.43	0.462
9/14/2019	07:29	19.45	0.805
9/14/2019	07:30	19.48	0.573
9/14/2019	07:31	19.5	0.676
9/14/2019	07:32	19.52	0.658
9/14/2019	07:33	19.54	0.781
9/14/2019	07:34	19.56	0.889
9/14/2019	07:35	19.58	0.537
9/14/2019	07:36	19.61	0.742
9/14/2019	07:37	19.64	0.817
9/14/2019	07:38	19.68	0.613
9/14/2019	07:39	19.72	0.851
9/14/2019	07:40	19.77	0.712
9/14/2019	07:41	19.83	0.855
9/14/2019	07:42	19.9	0.935
9/14/2019	07:43	19.97	0.985
9/14/2019	07:44	20.02	0.663
9/14/2019	07:45	20.06	0.906
9/14/2019	07:46	20.11	0.966
9/14/2019	07:47	20.13	0.84
9/14/2019	07:48	20.17	0.707
9/14/2019	07:49	20.2	0.953
9/14/2019	07:50	20.25	0.634
9/14/2019	07:51	20.31	0.462
9/14/2019	07:52	20.37	0.727
9/14/2019	07:53	20.42	0.827
9/14/2019	07:54	20.46	0.904
9/14/2019	07:55	20.52	0.791
9/14/2019	07:56	20.58	0.938
9/14/2019	07:57	20.62	1.016
9/14/2019	07:58	20.66	0.735
9/14/2019	07:59	20.69	0.743
9/14/2019	08:00	20.69	0.996
9/14/2019	08:01	20.73	0.792
9/14/2019	08:02	20.76	0.843
9/14/2019	08:03	20.79	1.044
9/14/2019	08:04	20.83	0.977
9/14/2019	08:05	20.86	0.858

79.99	148.6729147	18.93	0.878
71.99	155.8432221	18.96	0.588
78.12	150.0289675	18.98	0.548
73.85	153.8447045	19.01	0.541
63.7	167.6628412	19.06	0.817
64.61	166.1049505	19.12	0.752
62.35	170.1086287	19.17	0.411
73.38	154.3295256	19.21	0.539
50.91	185.3273217	19.25	0.594
46.79	172.7793623	19.29	0.539
37.55	152.5551821	19.33	0.492
29.03	140.6047303	19.37	0.519
27.01	138.4735936	19.4	0.745
38.37	153.9994621	19.43	0.825
39.16	155.4473986	19.45	0.955
30.77	142.6378934	19.47	0.779
24.87	136.4673607	19.49	0.767
23.15	135.0313665	19.51	0.843
27.69	139.1644715	19.52	0.854
41.82	160.759731	19.53	1.005
33.52	146.2545616	19.55	0.695
40.54	158.1162648	19.58	0.88
37.51	152.4862183	19.6	1.081
38.8	154.7805667	19.64	0.8
32.17	144.4148819	19.68	0.985
38.75	154.6888855	19.73	1.061
32.59	144.9736361	19.8	1.049
39.31	155.7287634	19.88	1.213
37.12	151.8209402	19.94	1.128
54.51	188.0512967	19.99	1.132
44.29	166.3601886	20.04	1.093
57.25	180.9756864	20.08	1.174
59.25	176.3852117	20.1	1.136
89.4	144.4601404	20.14	0.973
74.71	152.9919492	20.17	1.147
76.27	151.5553772	20.2	0.872
77.96	150.1535983	20.27	0.579
70.61	157.468271	20.33	1.093
44.26	166.2879517	20.37	1.193
51.96	188.9842737	20.41	1.145
47.13	173.7168111	20.46	1.091
59.31	176.2543813	20.52	1.039
60.02	174.7352919	20.56	1.12
67.43	161.7093199	20.59	0.971
79.25	149.1876024	20.62	0.959
92.3	143.9815923	20.62	1.189
93.7	143.8833505	20.65	0.916
101.1	144.796372	20.68	0.903
90.8	144.18259	20.71	1.125
98.1	144.1344398	20.75	1.186
82	147.415851	20.78	1.093

54.83	187.1742421	18.96	0.877
46.48	171.9386546	18.99	0.778
44.65	167.2355419	19.01	0.639
53.08	192.1476105	19.03	0.726
51.54	187.4967436	19.09	0.917
45.8	170.1401693	19.14	0.736
40.15	157.3434987	19.19	0.633
44.95	167.9771602	19.22	0.598
30.74	142.6012213	19.26	0.709
34.83	148.1647284	19.29	0.465
20.62	133.1883119	19.32	0.621
14.16	129.8188958	19.34	0.651
16.08	130.6293395	19.37	0.865
22.22	134.3174969	19.38	0.894
18.55	131.9063844	19.4	1.197
13.5	129.5761138	19.42	0.981
2.178	128.1304618	19.44	0.947
9.65	128.5148611	19.44	0.956
4.451	128.0164329	19.44	1.016
23.3	135.1505606	19.43	1.083
11.11	128.8467934	19.44	1.013
23.08	134.9761309	19.46	0.982
20.05	132.815515	19.48	1.181
17.81	131.495498	19.51	0.957
16.6	130.8759536	19.54	1.144
14.38	129.90386	19.58	1.238
16.78	130.9640531	19.64	1.271
21.98	134.1402179	19.72	1.249
17.86	131.5224894	19.78	1.275
28	139.4882645	19.83	1.375
26.77	138.236025	19.89	1.202
38.29	153.8559631	19.94	1.111
39.89	156.8365258	19.98	1.048
55.9	184.3413566	20.03	1.152
50.34	183.4262256	20.07	1.304
49.65	181.2001593	20.11	0.868
47.54	174.8691237	20.18	0.779
52.15	189.668351	20.23	1.138
27.21	138.6740536	20.26	1.427
33.13	145.7099775	20.29	1.254
30.38	142.1656567	20.33	1.221
37.59	152.6242827	20.38	1.254
36.63	151.0031285	20.42	1.188
44.03	165.7377185	20.45	1.117
54.52	188.0236754	20.49	1.16
66.06	163.7658013	20.51	1.317
68.69	159.9428063	20.54	1.193
61.12	172.4844981	20.58	1.214
72.09	155.7302641	20.61	1.32
76.6	151.2692438	20.65	1.312
57.53	180.3053786	20.69	1.374

54.33	188.5508547	19.02	1.015	43.25	163.9180245	19.06
47.99	176.1620406	19.05	0.763	36.46	150.7240206	19.07
43.79	165.1702592	19.07	0.622	40.88	158.8022084	19.09
49.75	181.5177974	19.08	0.699	36.36	150.5609393	19.1
48.38	177.3070402	19.14	0.98	39.67	156.4126019	19.16
45.46	169.2638411	19.19	1.01	36.47	150.7403734	19.21
41.93	160.9948081	19.23	0.554	29.93	141.6327634	19.25
43.78	165.1467621	19.26	0.678	32.76	145.2032531	19.28
36.94	151.5182039	19.28	0.73	23.95	135.6802857	19.29
32.34	144.6395886	19.31	0.576	23.51	135.3193461	19.31
27.06	138.5234961	19.33	0.647	13.47	129.5655081	19.33
20.99	133.438509	19.34	0.694	6.382	128.0779412	19.35
17	131.0736496	19.36	0.949	7.323	128.1607082	19.37
25.48	137.013844	19.38	1.04	13.03	129.4142291	19.39
18.08	131.6425754	19.4	1.294	6.973	128.125874	19.41
12.93	129.3809602	19.41	1.095	3.68	128.0325048	19.42
6.085	128.0590094	19.41	1	355.6	129.6117355	19.43
14.92	130.1210245	19.4	1.123	2.868	128.0745127	19.42
10.87	128.7863645	19.38	1.119	2.532	128.0994307	19.4
25.18	136.7425989	19.37	1.272	12.4	129.2114853	19.38
12.45	129.2269823	19.38	0.964	3.2	128.0542255	19.39
23.46	135.278956	19.4	1.145	12.81	129.3415802	19.4
21.31	133.6601575	19.42	1.374	9.81	128.5470839	19.41
16.16	130.6665194	19.44	1.043	7.842	128.2212082	19.44
19.34	132.3723255	19.47	1.271	8.78	128.3574332	19.47
18.47	131.8607792	19.52	1.29	8.4	128.2980674	19.52
16.44	130.7988254	19.58	1.348	6.251	128.0691659	19.58
26.07	137.561482	19.66	1.468	11.96	129.0795071	19.66
23.26	135.1186643	19.72	1.481	9.86	128.5573625	19.72
31.16	143.119931	19.76	1.325	15.95	130.5695101	19.76
27.14	138.6036345	19.84	1.449	16.4	130.7797169	19.84
39.92	156.8946911	19.89	1.379	26.66	138.1282207	19.89
45.19	168.578548	19.93	1.376	34.82	148.1496634	19.93
53.84	189.9338591	19.99	1.368	43.56	164.6327799	19.97
52.71	191.7260658	20.04	1.526	42.08	161.3174379	20.01
49.64	181.168487	20.08	1.105	38.23	153.7487109	20.05
49.44	180.5385094	20.14	0.806	35.27	148.8351374	20.12
58.93	177.0895564	20.19	1.373	42.31	161.8168161	20.16
29.47	141.1011034	20.21	1.605	19.15	132.2576655	20.18
38.88	154.9277285	20.24	1.464	26.07	137.561482	20.2
31.4	143.4215034	20.27	1.42	21.11	133.521053	20.23
42.03	161.2096282	20.32	1.411	30.59	142.4187287	20.28
41.27	159.6033455	20.35	1.452	29.76	141.4347519	20.31
48.17	176.6876418	20.38	1.339	37.56	152.5724444	20.34
58.64	177.7375521	20.42	1.376	47.35	174.3321202	20.38
66.81	162.6220423	20.44	1.563	54.31	188.60664	20.4
68.23	160.5742413	20.48	1.417	61.19	172.3453661	20.43
64.47	166.3400135	20.52	1.265	60.34	174.0678501	20.47
73.68	154.0185172	20.56	1.537	64.55	166.2054889	20.5
74.21	153.4823739	20.59	1.59	65.24	165.0674749	20.54
59.28	176.3197481	20.64	1.522	50.08	182.5779136	20.59

1.111	54.66	187.6384274	175.1908927	Yes
0.986	49.74	181.4859586	167.2307793	Yes
0.83	50.99	185.5987768	165.3671508	Yes
0.987	49.59	181.0103739	171.8162851	Yes
1.195	49.76	181.5496529	174.085776	Yes
1.116	49	179.1755005	167.084967	Yes
0.742	41.75	160.6108014	158.1381001	Yes
0.826	45.35	168.983523	160.3280448	Yes
0.843	37.1	151.7871691	153.3828404	Yes
0.528	27.75	139.2267058	148.0259462	Yes
0.747	28.29	139.7962478	138.7257492	Yes
0.809	21.17	133.5625831	133.1005319	Yes
1.072	18.42	131.8324225	132.0339427	Yes
1.089	22.97	134.8898299	137.9269724	Yes
1.548	22.41	134.4598506	136.3164166	Yes
1.2	14.74	130.0472719	131.9349488	Yes
1.141	3.687	128.0322546	130.0601644	Yes
1.065	10.71	128.7473645	130.0978259	Yes
1.292	11.64	128.9884661	130.6110331	Yes
1.296	23.92	135.6553607	139.5039473	Yes
1.243	15.18	130.2299746	132.5225075	Yes
1.143	24.39	136.0512009	138.7528265	Yes
1.409	21.22	133.5973232	136.2212596	Yes
1.157	20.93	133.3974946	135.7122574	Yes
1.333	19.27	132.3298899	133.6700968	Yes
1.534	19.79	132.6505117	135.4804207	Yes
1.555	18.34	131.7872857	133.3185933	Yes
1.57	24.75	136.3621846	138.574431	Yes
1.664	23.36	135.1985567	136.4436026	Yes
1.602	28.66	140.1964002	148.2850805	Yes
1.541	27.85	139.3308932	142.6620917	Yes
1.312	37.82	153.0242795	156.5757682	Yes
1.422	45.6	169.6228634	163.9145624	Yes
1.55	53.91	189.7341951	174.6204662	Yes
1.703	50.48	183.8878558	174.6699069	Yes
1.182	49.45	180.569852	169.6485173	Yes
1.145	48.11	176.5118996	166.1816537	Yes
1.58	53.05	192.2367515	175.6559492	Yes
1.971	31.14	143.0949704	144.2831489	Yes
1.648	38.54	154.3062883	156.29795	Yes
1.589	32.9	145.3938588	147.6437766	Yes
1.679	42.86	163.0343281	159.1082698	Yes
1.493	41.37	159.8112647	157.3175565	Yes
1.556	50.18	182.9028117	167.9219873	Yes
1.466	58.71	177.5802887	173.3722478	Yes
1.781	63.75	167.5753839	165.310292	Yes
1.702	68.06	160.8114905	159.511451	Yes
1.523	67.25	161.9712944	163.9320056	Yes
1.764	71.11	156.8650617	155.4003844	Yes
1.82	73.84	153.8548804	153.5616825	Yes
1.841	60.19	174.3794002	172.1996583	Yes

9/14/2019	08:06	20.91	0.704
9/14/2019	08:07	20.95	0.786
9/14/2019	08:08	20.99	0.912
9/14/2019	08:09	21.04	0.755
9/14/2019	08:10	21.06	1.086
9/14/2019	08:11	21.08	1.039
9/14/2019	08:12	21.11	1.014
9/14/2019	08:13	21.14	0.938
9/14/2019	08:14	21.17	1.075
9/14/2019	08:15	21.22	1.075
9/14/2019	08:16	21.27	1.123
9/14/2019	08:17	21.33	0.866
9/14/2019	08:18	21.36	0.916
9/14/2019	08:19	21.42	0.905
9/14/2019	08:20	21.49	0.782
9/14/2019	08:21	21.57	0.692
9/14/2019	08:22	21.61	1.103
9/14/2019	08:23	21.65	1.136
9/14/2019	08:24	21.69	0.671
9/14/2019	08:25	21.72	1.108
9/14/2019	08:26	21.73	0.907
9/14/2019	08:27	21.78	0.785
9/14/2019	08:28	21.86	0.79
9/14/2019	08:29	21.87	0.965
9/14/2019	08:30	21.87	1.132
9/14/2019	08:31	21.87	1.108
9/14/2019	08:32	21.83	0.86
9/14/2019	08:33	21.89	0.983
9/14/2019	08:34	21.93	1.031
9/14/2019	08:35	21.94	1.142
9/14/2019	08:36	21.93	1.188
9/14/2019	08:37	21.95	0.845
9/14/2019	08:38	21.94	1.272
9/14/2019	08:39	21.9	1.014
9/14/2019	08:40	21.91	0.853
9/14/2019	08:41	21.95	0.859
9/14/2019	08:42	21.97	1.11
9/14/2019	08:43	21.95	1.04
9/14/2019	08:44	21.97	1.187
9/14/2019	08:45	22	0.833
9/14/2019	08:46	22.07	0.895
9/14/2019	08:47	22.13	1.235
9/14/2019	08:48	22.18	1.002
9/14/2019	08:49	22.23	0.995
9/14/2019	08:50	22.23	1.152
9/14/2019	08:51	22.25	1.115
9/14/2019	08:52	22.33	1.086
9/14/2019	08:53	22.4	1.033
9/14/2019	08:54	22.52	0.998
9/14/2019	08:55	22.63	1.092
9/14/2019	08:56	22.7	1.104

82.4	147.1897488	20.82	0.89
83.7	146.5088075	20.86	0.998
92	144.0138522	20.91	1.068
98.2	144.1500472	20.95	0.891
83.6	146.5582885	20.97	1.249
90.9	144.1660972	20.98	1.074
93.7	143.8833505	21.01	1.138
85.1	145.8660653	21.05	1.21
76.93	150.9891881	21.08	1.212
79.57	148.9615483	21.13	1.325
74.51	153.1863429	21.18	1.392
77.96	150.1535983	21.25	1.094
87.5	144.9772949	21.28	1.057
75.87	151.9104308	21.34	0.998
81.1	147.9535689	21.4	0.877
68.42	160.311575	21.49	0.764
63.52	167.9795054	21.53	1.307
77.55	150.4792772	21.56	1.458
66.69	162.8020973	21.58	0.734
71.33	156.6048804	21.63	1.196
74.96	152.7522632	21.63	1.206
65.79	164.188418	21.67	0.763
65.57	164.5370961	21.75	1.201
63.57	167.8912569	21.75	1.186
63.85	167.4011249	21.75	1.248
63.03	168.856105	21.73	1.201
73.85	153.8447045	21.68	0.907
58.6	177.8276612	21.75	0.98
55.15	186.3111152	21.8	1.278
69.68	158.6349956	21.8	1.311
73.09	154.635401	21.79	1.158
86	145.5015641	21.82	0.983
72.71	155.0440699	21.81	1.451
77.55	150.4792772	21.77	1.202
82.3	147.2455367	21.78	1.182
78.77	149.5367365	21.82	0.942
83	146.8652868	21.85	1.318
94.4	143.8664765	21.83	1.4
66.82	162.6070879	21.84	1.463
72.04	155.7866633	21.86	0.929
65.19	165.1486123	21.94	1.094
71.19	156.7700829	22.01	1.221
80.3	148.4657012	22.06	1.085
82.2	147.3018158	22.11	1.293
80.6	148.2698482	22.11	1.552
91.2	144.1192747	22.12	1.24
89.4	144.4601404	22.2	1.194
79.86	148.7612801	22.28	1.208
103.6	145.6589028	22.4	0.965
94.3	143.8675721	22.51	1.188
107.9	147.8305829	22.57	1.369

60.74	173.2482498	20.73	1.146
54.25	188.7743324	20.77	1.35
67.19	162.0591636	20.82	1.178
65.29	164.9865427	20.86	1.109
62.62	169.6062242	20.88	1.479
64.97	165.5080665	20.89	1.287
61	172.724134	20.92	1.41
57.16	181.193123	20.95	1.522
55.39	185.6727622	20.99	1.386
54.83	187.1742421	21.03	1.714
47.94	176.0169026	21.07	1.611
51.53	187.461734	21.14	1.389
61.75	171.2494987	21.18	1.293
52.47	190.8365127	21.24	1.245
51.37	186.9041262	21.3	1.068
41.83	160.7810488	21.36	1.153
41.34	159.7487809	21.39	1.399
51.65	187.8830922	21.41	1.74
47.78	175.5549605	21.45	0.886
51.89	188.7340096	21.49	1.353
46.76	172.6974231	21.49	1.415
36.11	150.1567726	21.53	1.116
35.04	148.4828491	21.58	1.333
44.23	166.2158231	21.58	1.442
38.28	153.8380657	21.57	1.46
41.23	159.5204651	21.54	1.547
47.52	174.8123506	21.5	1.28
32.58	144.9601916	21.57	1.176
32.33	144.6263159	21.6	1.604
43.06	163.4853659	21.6	1.506
52.63	191.4282547	21.62	1.356
60.81	173.1064782	21.68	1.096
51.13	186.0766165	21.66	1.608
50.57	184.1864289	21.63	1.412
50.11	182.6752034	21.64	1.384
57.39	180.6393714	21.69	1.315
55.44	185.5407312	21.71	1.548
64.11	166.9521179	21.7	1.718
42.52	162.2777684	21.71	1.723
51.02	185.700871	21.74	1.25
40.84	158.72091	21.81	1.41
47.7	175.3254093	21.87	1.283
55.44	185.5407312	21.93	1.37
62.72	169.4218539	21.97	1.634
61.21	172.3057025	21.97	1.951
64.35	166.5428188	21.99	1.531
60.9	172.92492	22.07	1.395
61.27	172.1869471	22.16	1.404
78.66	149.6184573	22.28	1.09
75.16	152.563143	22.36	1.297
74.27	153.4227396	22.42	1.615

63.54	167.9441795	20.67	1.247	54.87	187.0655947	20.62
57.85	179.5505965	20.72	1.385	48.74	178.3846348	20.68
69.4	158.9978987	20.78	1.492	60.77	173.1874305	20.73
64.58	166.1551817	20.81	1.302	58.4	178.2808867	20.76
65.29	164.9865427	20.82	1.713	54.13	189.1112365	20.77
67.61	161.4497825	20.83	1.549	57.66	179.997307	20.78
65.64	164.4257295	20.86	1.6	55.6	185.120437	20.82
60.4	173.943875	20.91	1.671	51.35	186.8347607	20.86
58.32	178.4634343	20.94	1.652	47.42	174.5293562	20.9
56.92	181.777715	20.98	1.831	50.64	184.4196386	20.93
50.82	185.0233127	21.01	1.89	42.17	161.5121693	20.97
55.96	184.1869315	21.08	1.504	48.45	177.5150035	21.04
64.27	166.6787038	21.12	1.465	54.67	187.6110129	21.08
54.08	189.2522137	21.17	1.397	46.48	171.9386546	21.13
51.32	186.7308515	21.23	1.362	47.35	174.3321202	21.18
45.39	169.0852773	21.29	1.26	36.32	150.4959338	21.24
45.77	170.0622402	21.31	1.761	36.42	150.6586906	21.26
54.35	188.4951253	21.32	2.094	45.6	169.6228634	21.27
47.43	174.5575905	21.35	1.213	41	159.0470698	21.29
55.36	185.7521389	21.39	1.654	43.63	164.7957089	21.34
52.17	189.7407688	21.39	1.663	42.71	162.6989776	21.34
39.65	156.3742912	21.42	1.208	32.65	145.0544487	21.35
41.57	160.2302	21.47	1.527	34.41	147.5384837	21.41
49.98	182.254722	21.47	1.689	41.34	159.7487809	21.4
41.01	159.0675406	21.45	1.794	31.47	143.5101764	21.39
46.25	171.3233994	21.42	1.855	36.49	150.7731035	21.34
49.37	180.3195691	21.39	1.392	43.57	164.6560207	21.32
39.48	156.0501728	21.45	1.425	28.6	140.1309578	21.4
37.37	152.2459188	21.47	1.762	29.68	141.3421917	21.4
49.08	179.4210017	21.47	1.871	37.07	151.7365752	21.41
56.34	183.2195306	21.5	1.757	46.38	171.6702703	21.44
62.46	169.903131	21.57	1.469	53.26	191.615597	21.51
56.31	183.2952421	21.57	2.035	46.15	171.0581263	21.5
55.36	185.7521389	21.54	1.648	46.8	172.8067032	21.47
49.93	182.0937627	21.55	1.692	43.84	165.2879202	21.49
61.7	171.3461128	21.6	1.55	53.21	191.762893	21.53
61.15	172.4248111	21.62	1.827	50.22	183.0332512	21.54
64.68	165.9880392	21.6	2.011	54.04	189.3652507	21.52
45.74	169.984429	21.62	1.979	36.41	150.6423785	21.54
56.09	183.8539204	21.64	1.429	45.46	169.2638411	21.57
46.41	171.7506426	21.71	1.578	37.11	151.8040505	21.65
51.98	189.0559516	21.77	1.708	41.06	159.170046	21.69
57.9	179.4337369	21.82	1.61	48.76	178.4450924	21.74
64.09	166.9864494	21.86	1.859	54	189.4785153	21.78
63.17	168.6034565	21.87	2.255	54.02	189.4218545	21.77
65.23	165.0836859	21.89	1.861	58.02	179.1544495	21.8
61.65	171.4429665	21.99	1.786	51.27	186.5580398	21.91
64.36	166.5258715	22.07	1.746	53.66	190.4505238	22
77.06	150.8805203	22.18	1.539	69.61	158.7252107	22.1
74.34	153.3534372	22.26	1.712	67.67	161.3638086	22.16
72.4	155.3841351	22.3	2.059	66.04	163.796907	22.21

1.452	67.06	162.2504855	167.5396517	Yes
1.58	58.78	177.423568	174.1283879	Yes
1.694	68.77	159.834548	159.6185786	Yes
1.43	64.77	165.8383297	163.8821976	Yes
1.992	62.81	169.2567034	167.9037991	Yes
1.838	68.91	159.6461962	162.1534899	Yes
1.83	63.54	167.9441795	166.8195661	Yes
2.009	61.63	171.4817753	171.8639199	Yes
1.944	58.74	177.5130564	173.4335594	Yes
2.314	58.6	177.8276612	176.0321611	Yes
2.13	51.98	189.0559516	172.9589358	Yes
1.894	57.13	181.2658175	176.116617	Yes
1.776	63.73	167.6103405	167.6253702	Yes
1.746	56.05	183.9561562	177.5787936	Yes
1.552	53.71	190.3065356	177.2454405	Yes
1.601	48	176.1911131	163.3729896	Yes
1.925	44	165.6664139	162.8231262	Yes
2.431	57.09	181.3629117	175.5686539	Yes
1.418	49.36	180.2883572	170.4500151	Yes
1.764	50.8	184.9559525	176.1685381	Yes
2.006	50.98	185.5647816	172.6908429	Yes
1.61	42.15	161.4688206	155.4485502	Yes
1.792	45.53	169.4430356	158.0463329	Yes
2.048	52.82	192.1376851	173.6496536	Yes
1.994	41.27	159.6033455	156.6840506	Yes
2.214	46.97	173.2736346	164.7493416	Yes
1.623	52.28	190.1404725	172.7546235	Yes
1.639	38.18	153.6595768	154.5257121	Yes
2.167	41.3	159.6656133	156.838231	Yes
2.027	48.01	176.2202005	165.8996278	Yes
1.99	56.25	183.4470038	176.8800921	Yes
1.612	61.05	172.6241128	170.5501766	Yes
2.219	54.87	187.0655947	176.5079299	Yes
1.824	55.84	184.4962433	175.5441583	Yes
1.888	50.18	182.9028117	172.0410469	Yes
1.843	58.94	177.0673768	174.0704981	Yes
2.218	58.89	177.1783844	173.0084929	Yes
2.418	63.46	168.0856952	166.8515159	Yes
2.24	46.47	171.9117549	163.4846837	Yes
1.692	55.74	184.7554179	175.8721427	Yes
1.841	45.22	168.6542328	163.2156896	Yes
1.801	49.71	181.3905423	172.3424064	Yes
1.972	57.58	180.186655	174.4143833	Yes
2.225	63.89	167.3316653	168.1040599	Yes
2.785	64.5	166.2895033	168.978073	Yes
2.121	64.37	166.5089328	164.2818324	Yes
2.129	58.92	177.1117469	170.4995627	Yes
1.906	62	170.7700049	169.7389255	Yes
1.744	74.79	152.9148511	151.5595884	Yes
1.914	75.02	152.6952826	152.7686487	Yes
2.474	73.54	154.1629724	154.9194674	Yes

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9/14/2019	08:59	22.64	1.165
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9/14/2019	09:01	22.68	1.493
9/14/2019	09:02	22.74	1.262
9/14/2019	09:03	22.78	1.358
9/14/2019	09:04	22.8	1.314
9/14/2019	09:05	22.78	1.274
9/14/2019	09:06	22.79	1.51
9/14/2019	09:07	22.78	1.598
9/14/2019	09:08	22.79	1.661
9/14/2019	09:09	22.81	1.182
9/14/2019	09:10	22.92	1.392
9/14/2019	09:11	22.98	1.29
9/14/2019	09:12	23	1.657
9/14/2019	09:13	22.97	1.441
9/14/2019	09:14	22.97	1.285
9/14/2019	09:15	23.02	1.011
9/14/2019	09:16	23.08	0.817
9/14/2019	09:17	23.16	0.986
9/14/2019	09:18	23.17	1.447
9/14/2019	09:19	23.09	1.332
9/14/2019	09:20	23.1	1.309
9/14/2019	09:21	23.1	1.442
9/14/2019	09:22	23.09	1.282
9/14/2019	09:23	23.07	1.702
9/14/2019	09:24	23.03	1.328
9/14/2019	09:25	23.01	1.402
9/14/2019	09:26	23.03	1.159
9/14/2019	09:27	23.1	1.397
9/14/2019	09:28	23.19	1.002
9/14/2019	09:29	23.28	1.298
9/14/2019	09:30	23.35	1.211
9/14/2019	09:31	23.44	1.103
9/14/2019	09:32	23.51	1.046
9/14/2019	09:33	23.58	1.302
9/14/2019	09:34	23.62	1.428
9/14/2019	09:35	23.71	1.463
9/14/2019	09:36	23.81	1.16
9/14/2019	09:37	23.86	1.155
9/14/2019	09:38	23.86	1.639
9/14/2019	09:39	23.88	1.115
9/14/2019	09:40	23.92	1.389
9/14/2019	09:41	23.92	1.302
9/14/2019	09:42	24.02	1.216
9/14/2019	09:43	24.04	1.417
9/14/2019	09:44	24.07	1.16
9/14/2019	09:45	24.23	1.278
9/14/2019	09:46	24.25	1.526
9/14/2019	09:47	24.27	1.335

109.3	148.733998	22.51	2.092
117.7	156.4059988	22.43	1.581
113	151.6168585	22.48	1.353
117.5	156.1744239	22.5	1.728
105.3	146.4112828	22.54	1.73
110.1	149.2954063	22.59	1.456
117.7	156.4059988	22.64	1.534
118.5	157.3584661	22.65	1.713
115.4	153.8956445	22.62	1.662
99.9	144.4833098	22.64	1.632
103.3	145.540202	22.63	1.992
98.4	144.18259	22.62	1.853
103.5	145.6188708	22.65	1.374
100.5	144.6317408	22.77	1.384
93.8	143.8796248	22.83	1.505
106.8	147.1897488	22.84	1.892
105.6	146.5582885	22.79	1.731
116.9	155.4951241	22.8	1.368
94.2	143.869106	22.85	1.151
98	144.1192747	22.91	0.882
106	146.7610226	23.01	1.137
104.9	146.2219614	23.01	1.584
87.4	145.0090396	22.91	1.659
97.5	144.0500767	22.92	1.412
107.2	147.415851	22.92	1.644
106.1	146.8129126	22.9	1.548
110	149.2234061	22.9	2.025
103	145.4256783	22.86	1.773
86.8	145.2090977	22.83	1.645
100.5	144.6317408	22.86	1.605
107.1	147.3585869	22.94	1.74
109.6	148.9406289	23.04	1.338
98.2	144.1500472	23.13	1.425
112.8	151.441929	23.18	1.572
114.2	152.7142528	23.28	1.448
102.4	145.2090977	23.35	1.208
111.2	150.1223115	23.42	1.498
95.2	143.8734887	23.43	1.721
115.6	154.1009172	23.53	1.638
108.2	148.0158154	23.64	1.479
109.1	148.5988232	23.7	1.565
121	160.6159553	23.69	1.896
109.5	148.8712346	23.7	1.291
108.7	148.3346233	23.75	1.751
95.9	143.9026392	23.74	1.395
107	147.3018158	23.83	1.533
101.6	144.9460055	23.84	1.616
94.8	143.8664765	23.85	1.32
85.4	145.7403654	24.01	1.452
93.7	143.8833505	24.03	1.794
92.1	144.0026586	24.04	1.591

80.1	148.5988232	22.35	2.405
91.9	144.0254863	22.29	1.789
85.9	145.540202	22.34	1.608
89	144.5555056	22.36	1.965
78.21	149.9594672	22.41	1.872
89.6	144.4151432	22.46	1.665
94	143.8734887	22.49	1.589
90.3	144.2717056	22.5	2.005
88.2	144.7678047	22.47	1.757
75.82	151.9554507	22.49	2.092
80.8	148.1418203	22.49	2.236
74.63	153.0694236	22.47	2.217
81.9	147.4736091	22.51	1.376
75.21	152.5162263	22.62	1.695
69.29	159.1419637	22.67	1.752
83.8	146.4598058	22.68	2.034
79.98	148.6796811	22.63	1.89
83.5	146.6082498	22.65	1.601
67.64	161.406762	22.68	1.548
72.47	155.3068183	22.75	1.104
70.52	157.5786183	22.84	1.385
83	146.8652868	22.83	1.721
69.22	159.2340832	22.76	1.951
75.7	152.0640803	22.77	1.59
78.28	149.9057115	22.77	1.94
80.7	148.2055809	22.76	1.725
83.4	146.658692	22.76	2.379
77.66	150.3910052	22.72	2.243
69.88	158.3791032	22.69	2.056
73.09	154.635401	22.73	1.957
86	145.5015641	22.81	1.935
87.6	144.9460055	22.9	1.497
79.89	148.7408108	22.97	1.766
86.2	145.4256783	23.03	1.845
90	144.3305061	23.11	1.708
81.9	147.4736091	23.16	1.328
82.6	147.0796431	23.22	1.84
75.35	152.3856298	23.25	2.053
90.9	144.1660972	23.34	1.849
83.7	146.5088075	23.45	1.764
79.63	148.9197562	23.5	2.014
96.9	143.9815923	23.5	2.066
85.8	145.579304	23.51	1.576
83	146.8652868	23.54	2.022
78.85	149.4777051	23.54	1.82
82.7	147.0253234	23.64	1.743
78.32	149.8751117	23.64	1.928
75.72	152.0459183	23.63	1.579
63.12	168.6934857	23.78	1.923
72.8	154.9464686	23.78	2.159
70.13	158.0630996	23.81	1.806

80.1	148.5988232	22.24	2.853	72.06	155.7640845	22.14
88.4	144.7120259	22.18	2.403	82.6	147.0796431	22.09
86.2	145.4256783	22.23	2.071	78.86	149.4703499	22.13
85.3	145.7817973	22.25	2.505	77.34	150.6496279	22.15
77.34	150.6496279	22.31	2.551	69.43	158.9587551	22.21
87.2	145.0738969	22.36	2.209	79.95	148.7000113	22.26
91.2	144.1192747	22.38	2.278	84.1	146.3156694	22.28
89	144.5555056	22.38	2.541	81.2	147.8918251	22.28
86.5	145.3153153	22.36	2.287	80.5	148.3346233	22.25
75.36	152.3763449	22.38	2.401	67.21	162.0298435	22.27
79.86	148.7612801	22.4	2.884	71.89	155.9568196	22.29
74.21	153.4823739	22.36	2.772	63.88	167.3490172	22.24
81.5	147.7095994	22.41	1.914	76.14	151.6697768	22.31
76.61	151.2606682	22.5	2.176	69.52	158.8417011	22.4
71.15	156.8175197	22.55	2.079	61.13	172.4645926	22.45
82.9	146.9181461	22.56	2.742	74.23	153.4624719	22.46
79.63	148.9197562	22.5	2.483	73.94	153.7533923	22.38
80.8	148.1418203	22.52	2.036	73.63	154.0699717	22.4
68.43	160.297823	22.55	1.858	61.95	170.8654287	22.43
73.85	153.8447045	22.63	1.319	67.08	162.2209676	22.53
71.97	155.8658904	22.71	1.767	63.33	168.3168681	22.61
78.86	149.4703499	22.7	2.207	70.6	157.480505	22.58
69.56	158.7898581	22.63	2.356	59.45	175.9506132	22.51
75.49	152.2561651	22.65	1.897	70.3	157.8506504	22.54
75.51	152.2377623	22.63	2.469	70.6	157.480505	22.52
78.93	149.4190115	22.64	2.189	73.07	154.6566867	22.53
80.9	148.0785655	22.64	3.004	73.25	154.466003	22.53
76.62	151.2520982	22.6	2.623	69.26	159.1814013	22.5
70.18	158.0004108	22.58	2.415	60.8	173.1267013	22.47
73.95	153.7432766	22.63	2.385	65.95	163.9372762	22.54
82.7	147.0253234	22.71	2.552	77	150.9305587	22.61
85.1	145.8660653	22.8	2.05	79.75	148.8367317	22.71
79.39	149.0880471	22.86	2.209	73.78	153.9160628	22.76
84.7	146.0402375	22.92	2.224	79.27	149.1733175	22.82
86.8	145.2090977	22.98	2.373	81.8	147.531862	22.85
77.13	150.8223931	23.02	1.891	72.88	154.8601355	22.89
80.7	148.2055809	23.07	2.356	73.33	154.3818943	22.93
71.85	156.0024381	23.1	2.431	65.11	165.2788603	22.98
86.5	145.3153153	23.21	2.381	79.95	148.7000113	23.1
80.9	148.0785655	23.31	2.261	75.82	151.9554507	23.19
80.2	148.5320061	23.36	2.381	76.52	151.3380493	23.23
94.9	143.8675721	23.35	2.708	89.1	144.530992	23.22
84.2	146.2685776	23.35	2.025	83.1	146.8129126	23.22
80.1	148.5988232	23.39	2.546	73.7	153.9979779	23.26
75.47	152.2745909	23.38	2.132	68.01	160.8816729	23.26
80.8	148.1418203	23.48	2.227	77.09	150.8555756	23.34
76	151.7940443	23.46	2.384	70.18	158.0004108	23.28
75.08	152.6385117	23.43	1.923	71.46	156.4526251	23.27
62.99	168.9286148	23.59	2.211	58.01	179.1776602	23.44
72.81	154.9356552	23.58	2.576	67	162.3392225	23.4
67.63	161.4210947	23.61	2.123	61.71	171.3267708	23.45

3.312	78.12	150.0289675	150.3449393	Yes
2.818	88.7	144.6317408	147.370979	Yes
2.401	84.8	145.9959883	147.6098154	Yes
2.864	86.6	145.2794496	148.4881609	Yes
2.83	76.25	151.5729151	151.5104096	Yes
2.617	86.8	145.2090977	146.5387111	Yes
2.528	90.4	144.2529947	146.9934853	Yes
2.857	88.1	144.796372	147.7747749	Yes
2.579	86.8	145.2090977	147.5044971	Yes
2.92	75.99	151.802963	152.5295824	Yes
3.396	79.29	149.1590536	149.5118351	Yes
3.224	74.19	153.5022997	154.3171409	Yes
2.173	82.8	146.9714914	147.8886695	Yes
2.436	77.67	150.3830131	151.5266699	Yes
2.46	68.8	159.7940691	158.419554	Yes
3.082	81.3	147.8305829	148.3721511	Yes
2.803	80.3	148.4657012	149.2753639	Yes
2.426	80.5	148.3346233	150.5299578	Yes
2.293	68.6	160.0651457	159.3008531	Yes
1.616	76.18	151.6344754	153.4252481	Yes
2.124	68.15	160.6856246	157.8416048	Yes
2.57	76.8	151.0987909	150.2273788	Yes
2.808	66.67	162.8322147	160.3631618	Yes
2.248	77.42	150.5844484	151.3610842	Yes
2.912	78.79	149.5219469	151.3123553	Yes
2.498	80.1	148.5988232	149.538603	Yes
3.376	81.3	147.8305829	149.2514499	Yes
3.156	77.81	150.271693	151.3043752	Yes
2.933	69.27	159.1682484	158.7767123	Yes
2.752	71.75	156.1169343	154.6129258	Yes
2.847	83.2	146.7610226	147.5154111	Yes
2.33	85.6	145.6589028	146.8496668	Yes
2.614	79.35	149.116387	149.002271	Yes
2.565	86.3	145.3884291	147.4939183	Yes
2.859	87.2	145.0738969	146.9719231	Yes
2.137	79.32	149.1376968	149.5005865	Yes
2.771	81.7	147.5906108	149.4760081	Yes
2.909	70.24	157.9254085	155.0931651	Yes
2.626	84.6	146.0849588	147.67346	Yes
2.547	81.4	147.7698413	148.4656961	Yes
2.761	82.6	147.0796431	148.8936556	Yes
3.085	95.7	143.8921176	147.3776458	Yes
2.275	89.2	144.5069269	146.4077911	Yes
2.831	81.8	147.531862	149.0657146	Yes
2.62	75.25	152.4787973	151.8030811	Yes
2.626	83.9	146.4112828	147.9471636	Yes
2.837	78.85	149.4777051	150.8186555	Yes
2.209	78.18	149.9825857	150.9972235	Yes
2.653	64.35	166.5428188	165.816589	Yes
2.972	73.25	154.466003	154.11414	Yes
2.504	68.66	159.9835215	158.959429	Yes

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9/14/2019	09:49	24.39	1.811
9/14/2019	09:50	24.54	1.148
9/14/2019	09:51	24.54	1.523
9/14/2019	09:52	24.5	1.597
9/14/2019	09:53	24.52	1.145
9/14/2019	09:54	24.54	1.247
9/14/2019	09:55	24.63	1.363
9/14/2019	09:56	24.7	1.292
9/14/2019	09:57	24.76	1.544
9/14/2019	09:58	24.9	1.263
9/14/2019	09:59	25.05	1.026
9/14/2019	10:00	25.29	1.23
9/14/2019	10:01	25.5	1.174
9/14/2019	10:02	25.73	1.238
9/14/2019	10:03	26	1.352
9/14/2019	10:04	26.06	1.515
9/14/2019	10:05	26.12	1.069
9/14/2019	10:06	26.26	1.036
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9/14/2019	10:08	26.55	1.557
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9/14/2019	10:10	26.55	1.197
9/14/2019	10:11	26.76	1.529
9/14/2019	10:12	26.78	1.439
9/14/2019	10:13	26.61	1.526
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9/14/2019	10:15	27.09	1.475
9/14/2019	10:16	27.1	1.739
9/14/2019	10:17	26.95	1.841
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9/14/2019	10:19	26.59	1.372
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9/14/2019	10:21	26.43	1.555
9/14/2019	10:22	26.48	1.69
9/14/2019	10:23	26.64	1.435
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9/14/2019	10:25	26.31	1.706
9/14/2019	10:26	26.16	1.563
9/14/2019	10:27	26.15	1.286
9/14/2019	10:28	26.14	1.732
9/14/2019	10:29	26.04	1.323
9/14/2019	10:30	26.09	1.647
9/14/2019	10:31	26.07	1.435
9/14/2019	10:32	25.95	1.594
9/14/2019	10:33	25.8	1.502
9/14/2019	10:34	25.86	1.173
9/14/2019	10:35	26.02	0.882
9/14/2019	10:36	26.25	1.254
9/14/2019	10:37	26.45	1.478
9/14/2019	10:38	26.74	1.404

89.6	144.4151432	24.08	1.432
94.2	143.869106	24.17	1.762
101.3	144.8548646	24.34	1.421
95.6	143.8875148	24.35	1.902
84.3	146.2219614	24.27	1.699
114.2	152.7142528	24.29	1.457
109.7	149.010542	24.32	1.472
106.9	147.2455367	24.41	1.618
101.6	144.9460055	24.48	1.428
113.7	152.2469608	24.54	1.633
92.8	143.936624	24.68	1.533
98.5	144.1995259	24.83	1.174
105.7	146.6082498	25.08	1.497
95.9	143.9026392	25.26	1.468
97.5	144.0500767	25.49	1.623
91.8	144.0375611	25.74	1.714
94.8	143.8664765	25.76	1.749
129.5	175.4133646	25.77	1.385
118.9	157.8506504	25.93	1.409
110.1	149.2954063	26.01	1.335
113	151.6168585	26.23	1.93
138.4	184.9559525	26.28	2.3
110.7	149.7384694	26.23	1.581
107	147.3018158	26.45	1.698
119.9	159.1288318	26.5	1.733
106.8	147.1897488	26.3	1.844
126.5	169.4586546	26.4	1.624
110.5	149.5886665	26.84	1.611
94.2	143.869106	26.85	2.073
100.5	144.6317408	26.66	2.047
112.3	151.0143979	26.35	1.464
132.8	183.0684457	26.26	1.618
104.1	145.8660653	26.07	2.179
95.1	143.8710782	26.14	2.014
103.5	145.6188708	26.17	1.858
89.3	144.4833098	26.33	1.671
97.2	144.0138522	26.27	2.398
102.9	145.3884291	25.98	1.996
104.5	146.0402375	25.86	1.921
104.7	146.1301527	25.82	1.566
82.1	147.3585869	25.84	2.054
96.2	143.9217129	25.72	1.672
106.1	146.8129126	25.8	1.76
107.9	147.8305829	25.79	1.689
127.3	170.9610894	25.7	1.847
124.3	165.6232794	25.53	1.696
118.8	157.7265948	25.61	1.435
138.9	183.2949574	25.79	1.327
123.1	163.7036852	26.03	1.55
92.3	143.9815923	26.2	1.655
107.5	147.5906108	26.49	1.661

67.06	162.2504855	23.85	1.907
71.98	155.8545531	23.93	2.215
81.2	147.8918251	24.09	1.789
71.31	156.6284022	24.08	2.508
62.87	169.1470135	24.02	2.262
90.6	144.2169051	24.02	1.608
91.2	144.1192747	24.05	1.665
84.6	146.0849588	24.15	1.819
76.75	151.1411955	24.2	1.765
87.7	144.915171	24.26	1.724
71.04	156.9485138	24.39	2.048
74.98	152.7332464	24.52	1.575
86.6	145.2794496	24.72	1.682
69.49	158.8806564	24.9	1.731
67.59	161.4785001	25.1	1.989
67.94	160.9802374	25.27	2.168
71.71	156.1629131	25.25	2.162
94.5	143.8658191	25.27	1.458
87.2	145.0738969	25.44	1.602
85.8	145.579304	25.52	1.597
88.1	144.796372	25.75	2.188
111.4	150.2796092	25.78	2.781
90.9	144.1660972	25.75	1.796
90.4	144.2529947	25.95	1.845
93.3	143.9026392	25.99	1.967
88.2	144.7678047	25.8	2.091
95.7	143.8921176	25.92	1.868
89.7	144.3933148	26.35	1.663
77.99	150.1301251	26.3	2.455
79.38	149.0951242	26.12	2.336
91.6	144.0630334	25.87	1.623
104.6	146.0849588	25.83	1.831
82.8	146.9714914	25.62	2.758
71.43	156.4876632	25.7	2.499
81.4	147.7698413	25.7	2.238
69.71	158.5964358	25.86	2.324
74.29	153.4029091	25.76	2.898
81.8	147.531862	25.51	2.445
79.85	148.7681135	25.43	2.292
77.98	150.1379441	25.41	1.964
63.03	168.856105	25.41	2.476
64.68	165.9880392	25.31	2.156
78.76	149.5441392	25.41	2.033
85.9	145.540202	25.42	1.92
99.8	144.4601404	25.33	2.06
97.9	144.1045518	25.18	1.827
98.4	144.18259	25.23	1.611
109.4	148.802358	25.39	1.54
101.1	144.796372	25.56	1.705
71.34	156.5931293	25.74	1.954
80.9	148.0785655	26.04	1.836

64.19	166.8151362	23.66	2.166	60.25	174.2545031	23.48
69.9	158.3536654	23.74	2.683	65.65	164.4098523	23.58
79.05	149.3316031	23.89	2.236	75.58	152.1735333	23.73
71.06	156.9246374	23.87	2.926	65.62	164.4575081	23.68
59.48	175.8857927	23.8	2.5	54.05	189.3369701	23.6
87.3	145.0412401	23.82	2.008	79.92	148.7203879	23.65
87.7	144.915171	23.85	2.167	82	147.415851	23.68
80.5	148.3346233	23.96	2.243	74.35	153.3435606	23.8
74.99	152.7237467	24	2.153	69.67	158.6478627	23.81
88.1	144.796372	24.05	2.363	84.3	146.2219614	23.86
70.11	158.0882228	24.14	2.138	65.53	164.6009122	23.92
70.77	157.2734362	24.25	1.886	67.09	162.2062201	23.99
85.7	145.6188708	24.41	2.157	82	147.415851	24.14
66.17	163.5952872	24.6	1.996	64.07	167.0208154	24.34
63.65	167.7505176	24.79	2.212	62.02	170.7319017	24.52
64.9	165.6232794	24.9	2.49	60.31	174.1299756	24.59
69.43	158.9587551	24.83	2.59	64.21	166.7809767	24.45
92.3	143.9815923	24.83	1.995	86.2	145.4256783	24.47
85.1	145.8660653	25.02	2.011	80.4	148.3999072	24.66
82.6	147.0796431	25.11	1.779	77.97	150.1457685	24.82
84.1	146.3156694	25.37	2.738	80	148.6661534	25.07
112.2	150.9305587	25.41	3.391	105.7	146.6082498	25.05
89.6	144.4151432	25.37	2.205	85.4	145.7403654	25
86.6	145.2794496	25.59	2.397	80.1	148.5988232	25.24
92.1	144.0026586	25.6	2.593	87.5	144.9772949	25.27
85	145.9089029	25.4	2.766	80.5	148.3346233	25.01
93.8	143.8796248	25.49	2.404	88.6	144.6580519	25.15
90	144.3305061	25.93	2.274	85.9	145.540202	25.59
76.32	151.5116308	25.87	3.048	71.43	156.4876632	25.5
77.55	150.4792772	25.69	2.933	72.57	155.1969007	25.35
89.2	144.5069269	25.49	2.096	84.4	146.17582	25.22
105.3	146.4112828	25.49	2.387	98.2	144.1500472	25.23
81.8	147.531862	25.26	3.322	77.27	150.7069474	24.94
65.44	164.7449735	25.36	3.028	66.85	162.5622708	25.01
80.5	148.3346233	25.34	2.748	76	151.7940443	24.91
67.37	161.7963731	25.48	2.76	64.25	166.7127605	25.1
71.56	156.3362542	25.38	3.511	66.61	162.922753	25.01
81.6	147.6498563	25.16	3.002	76.92	150.9975858	24.82
74.68	153.0209579	25.08	2.897	71.92	155.9226731	24.75
74.99	152.7237467	25.06	2.505	70.87	157.1525308	24.78
59.28	176.3197481	25.09	3.001	54.6	187.8032029	24.81
62.15	170.4851502	25.01	2.391	59.91	174.967172	24.76
77.39	150.6088497	25.12	2.671	73.25	154.466003	24.85
83.6	146.5582885	25.12	2.443	79.69	148.8781507	24.87
98.4	144.18259	25.05	2.695	91.3	144.1045518	24.82
98.5	144.1995259	24.88	2.578	91.5	144.0764313	24.64
96.6	143.9532925	24.92	2.278	88.9	144.580468	24.65
109.8	149.0809751	25.05	1.895	101.8	145.0090396	24.75
99.5	144.3933148	25.17	2.294	90.8	144.18259	24.84
67.06	162.2504855	25.36	2.309	63.89	167.3316653	25.05
76.11	151.6963122	25.68	2.31	72.28	155.5173978	25.39

2.686	68.51	160.188068	161.5846672	Yes
3.085	72.05	155.7753707	155.6525095	Yes
2.658	82.8	146.9714914	148.2446635	Yes
3.499	72.83	154.914047	155.3624219	Yes
2.943	60.87	172.9853497	170.7154175	Yes
2.202	88.4	144.7120259	147.0809624	Yes
2.502	87	145.1405816	146.1202841	Yes
2.486	81.9	147.4736091	148.4964577	Yes
2.393	77.07	150.8721999	151.6662021	Yes
2.566	89.7	144.3933148	146.514756	Yes
2.604	71.79	156.0710586	155.9290663	Yes
2.23	74.62	153.0791344	153.8983126	Yes
2.501	89.1	144.530992	145.8906826	Yes
2.395	71.23	156.7227512	158.0244299	Yes
2.719	67.49	161.6225375	161.1267067	Yes
2.954	67.51	161.5936701	161.2729447	Yes
3.047	74.46	153.2353104	155.8008864	Yes
2.162	92.1	144.0026586	150.5378226	Yes
2.305	87.2	145.0738969	148.4528834	Yes
2.058	81.8	147.531862	147.9263968	Yes
3.101	87.1	145.1070106	147.3004128	Yes
3.826	113.6	152.1552339	156.9859208	Yes
2.531	92.3	143.9815923	145.6083335	Yes
2.605	87.2	145.0738969	146.101396	Yes
2.978	94.6	143.8656	147.1754049	Yes
3.175	87.8	144.8847909	146.2171741	Yes
2.641	94.9	143.8675721	149.1512042	Yes
2.554	92.5	143.962286	145.5629951	Yes
3.479	78.9	149.4409821	150.2879014	Yes
3.26	80.8	148.1418203	149.5089726	Yes
2.319	89.4	144.4601404	146.0440637	Yes
2.682	103.3	145.540202	153.0509873	Yes
3.887	84.4	146.17582	147.4504372	Yes
3.667	71.77	156.0939835	156.7519939	Yes
3.249	83.8	146.4598058	147.9954371	Yes
3.255	72.81	154.9356552	157.3049069	Yes
4.082	73.14	154.5822947	154.2516126	Yes
3.375	84	146.3632375	147.5861941	Yes
3.379	79.75	148.8367317	150.5177427	Yes
2.903	77.89	150.208558	151.2705865	Yes
3.426	61.32	172.0882533	170.4851792	Yes
2.777	66.35	163.3183251	163.7360799	Yes
3.138	80.9	148.0785655	149.902094	Yes
2.774	87.3	145.0412401	146.7696929	Yes
2.91	96.8	143.9717192	149.5360181	Yes
2.858	97.6	144.0630334	148.4133644	Yes
2.473	96.4	143.936624	146.8759139	Yes
2.112	107.3	147.4736091	154.7321878	Yes
2.518	96.7	143.962286	148.2076496	Yes
2.651	72.51	155.2627758	157.0839297	Yes
2.569	77.46	150.5519898	150.6869752	Yes

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9/14/2019	10:41	26.98	1.194
9/14/2019	10:42	27.15	1.577
9/14/2019	10:43	27.21	1.548
9/14/2019	10:44	27.34	1.569
9/14/2019	10:45	27.42	1.23
9/14/2019	10:46	27.34	1.805
9/14/2019	10:47	27.46	1.431
9/14/2019	10:48	27.6	1.397
9/14/2019	10:49	27.62	1.569
9/14/2019	10:50	27.72	1.806
9/14/2019	10:51	27.97	1.434
9/14/2019	10:52	28.01	2.007
9/14/2019	10:53	27.85	1.703
9/14/2019	10:54	27.82	1.505
9/14/2019	10:55	27.77	1.791
9/14/2019	10:56	27.58	1.705
9/14/2019	10:57	27.31	1.896
9/14/2019	10:58	27.07	2.055
9/14/2019	10:59	26.99	1.785
9/14/2019	11:00	27	1.797
9/14/2019	11:01	27.07	1.345
9/14/2019	11:02	27.12	1.507
9/14/2019	11:03	27.23	1.613
9/14/2019	11:04	27.19	1.855
9/14/2019	11:05	27.39	1.456
9/14/2019	11:06	27.5	1.669
9/14/2019	11:07	27.75	1.306
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9/14/2019	11:09	28.31	1.754
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9/14/2019	11:12	29.03	1.867
9/14/2019	11:13	28.89	1.704
9/14/2019	11:14	28.64	2.049
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9/14/2019	11:16	28.37	1.699
9/14/2019	11:17	28.39	1.111
9/14/2019	11:18	28.59	1.838
9/14/2019	11:19	28.81	2.013
9/14/2019	11:20	28.74	1.861
9/14/2019	11:21	28.66	1.568
9/14/2019	11:22	28.59	1.127
9/14/2019	11:23	28.89	1.122
9/14/2019	11:24	29.15	1.229
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9/14/2019	11:26	29.65	1.768
9/14/2019	11:27	29.42	1.788
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9/14/2019	11:29	29.4	1.075

99.8	144.4601404	26.61	1.74
125.5	167.6628412	26.68	1.862
118.9	157.8506504	26.64	1.653
120	159.2604663	26.81	2.034
125.9	168.3704292	26.87	1.817
114.9	153.3930028	27.02	1.578
111.4	150.2796092	27.08	1.63
81.2	147.8918251	26.96	2.194
94.2	143.869106	27.08	1.507
111.2	150.1223115	27.25	1.625
108.1	147.9535689	27.22	1.845
84.4	146.17582	27.31	1.852
90.6	144.2169051	27.6	1.569
85.8	145.579304	27.65	2.149
93.5	143.8921176	27.42	1.803
100.4	144.6058796	27.36	1.763
106.3	146.9181461	27.3	1.756
88.4	144.7120259	27.15	1.93
93.4	143.897159	26.9	1.968
80.3	148.4657012	26.67	2.119
90.9	144.1660972	26.56	1.946
86.2	145.4256783	26.61	2.03
95.1	143.8710782	26.71	1.633
81.2	147.8918251	26.78	1.705
89.9	144.3509966	26.88	1.971
90.4	144.2529947	26.81	1.953
115.8	154.3086209	27.05	1.777
104.3	145.9522103	27.17	1.934
106.7	147.1344513	27.39	1.474
94.4	143.8664765	27.87	1.862
65.59	164.5052366	27.96	1.971
84.9	145.9522103	28.05	1.758
96.9	143.9815923	28.36	1.458
77.63	150.4150141	28.63	1.832
81.3	147.8305829	28.43	2.128
75.22	152.5068604	28.14	2.348
88.2	144.7678047	27.91	2.074
118.9	157.8506504	27.86	2.037
119.3	158.3536654	27.91	1.42
102.9	145.3884291	28.14	1.971
96.3	143.9289489	28.39	2.183
114.6	153.0985737	28.24	1.991
139.6	181.0419634	28.16	1.895
144.9	166.3842917	28.13	1.147
124.1	165.2951784	28.48	1.348
118.8	157.7265948	28.76	1.413
82.7	147.0253234	29.18	1.561
87.7	144.915171	29.19	2.008
125.7	168.0148666	28.9	1.901
113.2	151.7940443	28.99	1.713
122.1	162.1914802	28.88	1.23

73.17	154.5505049	26.13	2.151
94.5	143.8658191	26.17	2.155
89.8	144.3719327	26.12	1.914
102	145.0738969	26.28	2.372
100.5	144.6317408	26.32	2.102
88.7	144.6317408	26.43	1.75
85.2	145.823697	26.44	1.851
61.42	171.891597	26.36	2.675
68.05	160.8255123	26.47	1.888
90.3	144.2717056	26.63	1.785
84.9	145.9522103	26.59	2.121
57.4	180.615438	26.69	2.29
66.97	162.3836941	27.02	1.947
66.74	162.7269392	27	2.499
65.05	165.3768928	26.75	2.363
76.56	151.3036019	26.7	2.175
80.2	148.5320061	26.66	2.07
66.35	163.3183251	26.56	2.432
68.1	160.7554768	26.39	2.28
56.48	182.867698	26.21	2.839
68.67	159.9699426	26.13	2.306
60.77	173.1874305	26.15	2.604
67.17	162.0885141	26.26	2.011
63.57	167.8912569	26.34	1.966
70.49	157.6155216	26.43	2.524
65.24	165.0674749	26.35	2.27
94.4	143.8664765	26.59	2.079
84.6	146.0849588	26.67	2.23
78.13	150.0212238	26.88	1.83
70.89	157.1284295	27.31	2.098
50.46	183.8216992	27.33	2.519
57.73	179.8322409	27.43	2.289
69.43	158.9587551	27.79	1.842
54.38	188.4116359	28	2.483
54.36	188.4672815	27.82	2.512
53.35	191.3514004	27.52	2.765
66.92	162.4579668	27.35	2.505
94.4	143.8664765	27.29	2.165
92.1	144.0026586	27.35	1.498
80.8	148.1418203	27.57	2.364
74.26	153.4326637	27.83	2.635
92	144.0138522	27.69	2.141
115.3	153.7939153	27.54	2.143
122.7	163.0894665	27.51	1.397
97.3	144.0254863	27.84	1.524
88.8	144.6058796	28.08	1.743
60.67	173.3905128	28.53	1.89
59.74	175.3280184	28.46	2.451
101.5	144.915171	28.19	2.182
86.6	145.2794496	28.32	2.168
93	143.9217129	28.25	1.322

70.42	157.7018647	25.75	2.553	66.2	163.5489495	25.43
90.9	144.1660972	25.74	2.918	85.7	145.6188708	25.37
86.1	145.4633897	25.62	2.512	80.7	148.2055809	25.23
98.3	144.1660972	25.8	3.13	92.9	143.9289489	25.41
97.7	144.0764313	25.84	2.749	92.3	143.9815923	25.44
86.1	145.4633897	25.93	2.336	81.5	147.7095994	25.5
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58.02	179.1544495	25.88	3.02	56.63	182.4934375	25.45
64.97	165.5080665	26.02	2.209	63.86	167.3837469	25.59
85.5	145.6994008	26.18	2.264	80.5	148.3346233	25.8
81.8	147.531862	26.1	2.748	78	150.1223115	25.64
55.34	185.8051227	26.19	2.708	53	192.385621	25.77
63.32	168.3347129	26.57	2.404	63.63	167.7856496	26.14
62.02	170.7319017	26.51	3.03	57.38	180.6633167	26
61.17	172.3850689	26.22	2.704	57.05	181.4601984	25.73
72.48	155.2957982	26.15	2.65	68.65	159.9971076	25.68
76.87	151.0396576	26.09	2.72	70.15	158.0380037	25.66
64.3	166.6276829	26.06	2.88	62.43	169.9590645	25.66
62.86	169.1652724	25.95	2.763	59.91	174.967172	25.62
53.73	190.2490418	25.84	3.186	51.36	186.8694341	25.51
66.6	162.9378699	25.74	2.796	63.25	168.4598762	25.4
57.76	179.7616731	25.8	3.015	55.49	185.4090291	25.48
63.73	167.6103405	25.91	2.434	62.81	169.2567034	25.58
62.57	169.6987539	26.01	2.413	58.57	177.89536	25.69
67.75	161.249594	26.03	2.867	64.39	166.475081	25.65
62.3	170.2024087	25.93	2.718	59.56	175.7134067	25.54
93.6	143.8875148	26.12	2.522	87.9	144.8548646	25.71
82.7	147.0253234	26.16	2.903	79.15	149.2593407	25.73
74.9	152.8094541	26.38	2.23	72.03	155.7979623	26
68.27	160.5187249	26.85	2.55	64.21	166.7809767	26.45
48.93	178.9615234	26.88	2.825	44.46	166.7715848	26.42
55.92	184.2898303	26.91	2.554	52.28	190.1404725	26.46
66.46	163.1503235	27.24	2.275	65.91	163.9998697	26.8
50.27	183.1966881	27.42	2.864	48.83	178.6571886	26.91
51.3	186.6616714	27.26	3	50.49	183.9209604	26.75
53.55	190.7685782	26.99	3.324	49.06	179.3595306	26.46
65.35	164.8896944	26.81	3.203	61.76	171.2302046	26.29
92.2	143.9919054	26.7	2.889	88.6	144.6580519	26.21
90.8	144.18259	26.78	2.043	86.7	145.2440439	26.34
77.69	150.3670451	27.02	3.105	73.4	154.3086209	26.56
72.72	155.0332004	27.31	3.194	69.4	158.9978987	26.84
90.1	144.310461	27.11	3.002	85.3	145.7817973	26.57
113.5	152.0640803	26.9	2.686	107.6	147.6498563	26.33
121.1	160.7554768	26.88	1.56	116	154.5187706	26.37
95.2	143.8734887	27.21	2.144	88.2	144.7678047	26.66
81	148.0158154	27.4	2.156	76.5	151.3553066	26.84
56.9	181.8267455	27.9	2.312	54.27	188.7183788	27.41
60.56	173.6150658	27.82	2.868	57.17	181.1689155	27.29
99.3	144.3509966	27.55	2.753	91	144.1500472	27.02
86.1	145.4633897	27.68	2.44	79.59	148.9475968	27.15
91.1	144.1344398	27.62	1.819	86.5	145.3153153	27.09

3.022	73.25	154.466003	154.9454925	Yes
3.232	91.3	144.1045518	149.083636	Yes
3.013	86.4	145.3516416	148.2486391	Yes
3.451	99.4	144.3719327	147.3602684	Yes
3.095	97.7	144.0764313	149.027325	Yes
2.569	88.3	144.7396894	147.1874844	Yes
2.832	83.6	146.5582885	148.317841	Yes
3.553	63.79	167.5055755	169.7873769	Yes
2.534	72.12	155.696501	158.6565866	Yes
2.552	88.9	144.580468	146.6017018	Yes
3.128	84.5	146.1301527	147.5380211	Yes
3.175	60.27	174.2129529	175.8389909	Yes
2.902	69.33	159.0894784	160.362088	Yes
3.51	64.96	165.5245006	165.0451924	Yes
3.098	63.1	168.7295603	166.3687676	Yes
3.026	75.05	152.6668709	152.7738516	Yes
2.959	74.51	153.1863429	151.5428313	Yes
3.438	70.04	158.1763687	160.5586934	Yes
3.038	65.12	165.2625504	162.8095261	Yes
4.05	59.04	176.8461818	177.0596114	Yes
3.127	68.46	160.2566106	159.1580793	Yes
3.535	64.28	166.6616883	170.0890998	Yes
2.747	67.73	161.278103	160.8209478	Yes
2.759	65.38	164.8413807	165.6437153	Yes
3.427	72.39	155.3952055	157.0172797	Yes
3.178	67.13	162.1473062	163.4767182	Yes
2.827	95.7	143.8921176	146.1619189	Yes
3.135	85.9	145.540202	146.772407	Yes
2.481	74.93	152.7808324	151.7087848	Yes
2.929	71.72	156.1514087	156.8892033	Yes
3.364	52.7	191.6887683	177.1497624	Yes
2.992	62.44	169.9404107	174.031033	Yes
2.704	72.14	155.6740241	157.1529129	Yes
3.399	56.97	181.6553512	176.4671756	Yes
3.479	57.47	180.4482351	177.4657463	Yes
3.855	55.45	185.5143645	179.9001468	Yes
3.624	69.98	158.2521887	160.3195718	Yes
3.144	96.2	143.9217129	146.8577594	Yes
2.226	92.7	143.9447385	147.1455393	Yes
3.416	78	150.1223115	149.6656454	Yes
3.612	77.3	150.682349	152.4150121	Yes
3.268	92.2	143.9919054	146.2393179	Yes
2.939	113.8	152.3392627	157.3778156	Yes
1.851	119.2	158.226888	160.5949787	Yes
2.448	93.9	143.8763375	148.3676591	Yes
2.467	81.7	147.5906108	149.8588414	Yes
2.557	59.98	174.8194662	173.1560854	Yes
3.367	64.44	166.3906001	168.2835542	Yes
3.07	97.7	144.0764313	149.1015025	Yes
2.778	87.6	144.9460055	147.2860972	Yes
1.917	95	143.869106	147.8864108	Yes

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9/14/2019	11:33	29.55	1.682
9/14/2019	11:34	29.35	1.568
9/14/2019	11:35	29.05	1.557
9/14/2019	11:36	29.06	1.548
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9/14/2019	11:38	28.74	1.647
9/14/2019	11:39	28.53	1.212
9/14/2019	11:40	28.49	0.773
9/14/2019	11:41	28.7	0.578
9/14/2019	11:42	28.94	0.972
9/14/2019	11:43	29.11	1.363
9/14/2019	11:44	28.99	1.649
9/14/2019	11:45	28.89	1.802
9/14/2019	11:46	28.91	1.355
9/14/2019	11:47	28.84	1.208
9/14/2019	11:48	28.93	1.007
9/14/2019	11:49	29.1	0.94
9/14/2019	11:50	29.35	0.892
9/14/2019	11:51	29.4	0.843
9/14/2019	11:52	29.51	1.13
9/14/2019	11:53	29.36	1.302
9/14/2019	11:54	29.62	1.163
9/14/2019	11:55	29.95	1.382
9/14/2019	11:56	30.17	1.056
9/14/2019	11:57	30.19	0.898
9/14/2019	11:58	30.31	0.92
9/14/2019	11:59	30.69	1.054
9/14/2019	12:00	30.89	1.927
9/14/2019	12:01	30.93	1.67
9/14/2019	12:02	30.69	1.662
9/14/2019	12:03	30.35	1.255
9/14/2019	12:04	30.41	1.136
9/14/2019	12:05	30.41	1.023
9/14/2019	12:06	30.4	0.997
9/14/2019	12:07	30.32	1.348
9/14/2019	12:08	30.35	1.678
9/14/2019	12:09	30.26	1.871
9/14/2019	12:10	30.34	1.68
9/14/2019	12:11	30.4	1.697
9/14/2019	12:12	30.37	1.177
9/14/2019	12:13	30.5	1.585
9/14/2019	12:14	30.39	1.592
9/14/2019	12:15	30.51	1.127
9/14/2019	12:16	30.45	1.551
9/14/2019	12:17	30.34	1.609
9/14/2019	12:18	30.17	1.621
9/14/2019	12:19	30.31	1.119
9/14/2019	12:20	30.49	1.207

149.8	155.8985853	29.23	1.198
143	171.1905949	29.28	1.277
113.8	152.3392627	29.25	1.417
120.9	160.4771641	29.13	1.793
111.9	150.682349	28.91	1.635
135.2	189.4785153	28.59	1.593
127	170.3906689	28.63	1.782
123.3	164.0155381	28.5	1.514
149	157.4417417	28.32	1.876
96.3	143.9289489	28.1	1.406
65.98	163.8904148	28.01	0.979
123.1	163.7036852	28.28	0.802
99.3	144.3509966	28.61	1.101
71.05	156.9365723	28.76	1.366
66.07	163.7502604	28.56	1.683
65.25	165.051272	28.44	1.873
80.4	148.3999072	28.47	1.542
66.35	163.3183251	28.36	1.372
77.4	150.6007104	28.46	1.103
39.79	156.6432623	28.61	1
61.09	172.5442738	28.9	1.124
96.1	143.914916	29	0.935
93.4	143.897159	29.14	1.555
77.46	150.5519898	28.91	1.544
76.33	151.5028984	29.13	1.299
90.8	144.18259	29.49	1.315
86.9	145.1746105	29.72	1.065
70.5	157.6032138	29.68	1.051
45.44	169.2127586	29.75	1.091
79.03	149.3461185	30.17	1.114
76.15	151.660943	30.39	1.814
104.1	145.8660653	30.4	1.97
88.2	144.7678047	30.11	1.671
101.7	144.9772949	29.74	1.687
97.1	144.0026586	29.83	1.479
62.58	169.6802296	29.79	1.123
78.74	149.5589604	29.72	1.128
96.2	143.9217129	29.64	1.551
78.74	149.5589604	29.78	2.049
64.39	166.475081	29.68	1.95
86.9	145.1746105	29.78	2.123
98.4	144.18259	29.91	1.804
107.5	147.5906108	29.83	1.342
92.1	144.0026586	29.97	1.984
95.1	143.8710782	29.85	2
82.4	147.1897488	29.95	1.29
84.5	146.1301527	29.92	1.743
85.5	145.6994008	29.79	1.785
71.36	156.5696467	29.6	1.698
81.8	147.531862	29.78	1.296
97.9	144.1045518	29.99	1.351

127.4	171.1531239	28.56	1.503
116.9	155.4951241	28.57	1.392
98.1	144.1344398	28.59	1.63
102.1	145.1070106	28.47	1.852
91	144.1500472	28.24	1.799
114.4	152.9052402	27.99	1.739
109	148.5320061	28.06	2.01
107.2	147.415851	27.9	1.748
120.3	159.6596036	27.7	2.271
74.53	153.1667973	27.51	1.702
45.66	169.7775074	27.43	1.198
90	144.3305061	27.76	0.888
74.43	153.264762	28.08	1.386
45.29	168.8312753	28.16	2.018
48.59	177.9331953	27.92	2.018
46.4	171.7238383	27.89	2.431
53.15	191.9401405	27.95	1.846
43.73	165.0294526	27.79	1.671
52.95	192.5348679	27.88	1.31
25.13	136.6978598	27.91	1.041
39.26	155.6347435	28.06	1.342
67.3	161.8982783	28.18	1.192
66.57	162.9832672	28.46	1.731
50.45	183.7886471	28.29	1.958
52.53	191.0578122	28.43	1.593
71.66	156.2205318	28.81	1.501
58.24	178.6467046	28.98	1.424
52.63	191.4282547	28.87	1.484
27.81	139.2891486	28.89	1.411
60.54	173.6560249	29.24	1.201
53.99	189.506867	29.55	2.429
79.57	148.9615483	29.6	2.21
65.1	165.2951784	29.32	2.165
78.88	149.4556554	29.02	1.815
74.8	152.9052402	29.22	1.806
41.55	160.1881197	29.05	1.529
57.72	179.8557868	28.95	1.498
68.61	160.0515237	28.97	1.905
55.91	184.315587	29.15	2.429
40.41	157.8570209	28.92	2.618
65.47	164.6968799	29.16	2.388
68.68	159.9563709	29.31	2.258
77.78	150.2954579	29.21	1.563
71.41	156.5110545	29.39	2.268
70.19	157.9878934	29.29	2.428
59.7	175.4133646	29.4	1.646
54.07	189.2804516	29.33	1.996
65.69	164.3464243	29.23	1.92
45.45	169.2382934	29.03	1.933
61.38	171.9701427	29.2	1.597
68.03	160.8535779	29.45	1.657

123.9	164.9703808	27.96	1.76	121.8	161.7528127	27.47
117.6	156.2898875	27.95	1.925	110	149.2234061	27.39
95.2	143.8734887	28	2.213	89.3	144.4833098	27.49
101.7	144.9772949	27.91	2.583	97	143.9919054	27.35
89.7	144.3933148	27.65	2.653	86.4	145.3516416	27.07
113	151.6168585	27.4	2.307	108.7	148.3346233	26.87
106.4	146.9714914	27.53	2.573	99.8	144.4601404	27.02
103.5	145.6188708	27.36	2.386	97.5	144.0500767	26.82
119.4	158.4811294	27.17	2.699	112.6	151.2692438	26.71
73.43	154.2773098	27	2.094	69.66	158.6607367	26.53
44.48	166.8202148	26.94	1.377	40.18	157.4024154	26.51
86.3	145.3884291	27.31	1.051	90.3	144.2717056	26.97
74.49	153.2059121	27.67	1.774	69.36	159.0501879	27.32
43.48	164.4472696	27.7	2.229	40.55	158.1362756	27.31
48.72	178.3242399	27.42	2.391	42.8	162.8998881	27.05
45.04	168.2018314	27.44	2.756	41.62	160.3355829	27.05
50.09	182.6103265	27.46	2.331	47.9	175.9010607	27.01
42.09	161.3390319	27.26	1.962	38.2	153.695204	26.8
48.87	178.7787329	27.33	1.499	44.83	167.6791732	26.94
26.2	137.6847037	27.27	1.247	15.3	130.2812262	26.92
35.16	148.6661444	27.36	1.424	32.52	144.8796693	27.02
65.53	164.6009122	27.55	1.269	65.02	165.4260208	27.23
65.62	164.4575081	27.89	2.198	61.58	171.5789655	27.54
48.9	178.8700569	27.75	2.136	47.18	173.8560474	27.34
49.05	179.328819	27.85	1.848	48.88	178.8091584	27.41
64.16	166.8664399	28.23	2.02	61.45	171.8327897	27.79
56.17	183.6500577	28.31	1.812	52.73	191.8007219	27.74
50.67	184.5198509	28.12	1.567	47.81	175.6412856	27.54
29.74	141.4115747	28.09	1.461	22.23	134.3249449	27.54
58.03	179.1312503	28.39	1.513	52.4	190.5792409	27.92
53.73	190.2490418	28.76	2.858	48.19	176.7463434	28.19
79.58	148.9545699	28.81	2.967	74.35	153.3435606	28.16
63.62	167.8032289	28.6	2.468	60.89	172.9450532	27.97
78.86	149.4703499	28.32	2.487	74.21	153.4823739	27.71
70.64	157.4316092	28.61	2.229	68.99	159.5391931	28.08
48.64	178.0832855	28.43	1.637	41.08	159.2111192	27.91
54.09	189.2239899	28.35	1.683	52.08	189.4155047	27.83
67.2	162.0444998	28.36	2.337	62.28	170.239986	27.85
54.9	186.9842516	28.57	2.949	50.7	184.6202228	28.04
42.11	161.3822519	28.31	2.92	36.95	151.5349517	27.74
63.48	168.0502632	28.64	2.773	60.2	174.3585583	28.2
65.75	164.251524	28.78	2.63	62.85	169.1835404	28.25
74.67	153.0306393	28.67	1.947	70.02	158.2016147	28.14
67.82	161.1500463	28.88	2.767	61.49	171.7545158	28.44
66.44	163.1807988	28.76	2.762	62.82	169.238399	28.35
60.36	174.0264842	28.86	1.746	57.7	179.9029136	28.43
53.67	190.4216971	28.83	2.414	52.74	191.8380805	28.42
63.48	168.0502632	28.75	2.465	59.18	176.5383377	28.33
46.17	171.1110735	28.51	2.312	43.1	163.5761126	28.09
59.77	175.2641194	28.68	1.913	56.91	181.8022242	28.26
64.86	165.6892984	28.96	2	60.48	173.7791455	28.54

2.186	127.7	171.7349716	165.1019748	Yes
2.012	115.9	154.4133891	157.3224803	Yes
2.418	96.1	143.914916	145.7490834	Yes
2.9	105	146.2685776	148.1643905	Yes
2.855	94.5	143.8658191	145.6886343	Yes
2.674	119	157.9753829	160.062124	Yes
2.951	107.5	147.5906108	151.5889835	Yes
2.696	105.4	146.4598058	149.5120285	Yes
3.159	119.8	158.9978987	157.1699234	Yes
2.378	77.13	150.8223931	152.1712371	Yes
1.486	47.31	174.2197306	166.4220566	Yes
1.224	92.6	143.9532925	148.3295237	Yes
1.962	73.79	153.9058507	152.7555419	Yes
2.651	46.63	172.3437947	164.1390375	Yes
2.667	49.98	182.254722	173.0324612	Yes
3.426	47.52	174.8123506	168.024975	Yes
2.649	53.38	191.2636014	178.0230073	Yes
2.23	46.55	172.1273359	163.1018699	Yes
1.762	50.82	185.0233127	174.9233594	Yes
1.346	23.52	135.3274394	139.3268983	Yes
1.85	39.5	156.0881634	155.5625989	Yes
1.518	72.78	154.9681141	158.1616483	Yes
2.409	68.45	160.2703409	160.6374481	Yes
2.645	55.32	185.8581594	174.5849801	Yes
2.199	54.41	188.3282721	177.805392	Yes
2.328	64.93	165.5738525	160.9352408	Yes
1.979	56.14	183.7264112	176.5997012	Yes
1.84	56.96	181.6797997	178.1744809	Yes
1.595	34.66	147.9096513	146.4296156	Yes
1.623	56.79	182.0972839	174.9619837	Yes
3.469	55.34	185.8051227	178.7936636	Yes
3.215	81.5	147.7095994	148.9670687	Yes
2.789	67.47	161.6514349	162.49254	Yes
2.764	82.1	147.3585869	148.9488522	Yes
2.483	75.11	152.6102049	153.2977812	Yes
1.996	51.17	186.2137989	170.6753106	Yes
1.993	59.17	176.5602561	176.9228996	Yes
2.752	69.36	159.0501879	159.0615821	Yes
3.284	56.36	183.169119	177.7296282	Yes
3.418	46.51	172.0194359	161.8537483	Yes
3.212	67.32	161.8691248	162.8298873	Yes
3.015	69.15	159.3265474	159.3801145	Yes
2.146	78.43	149.7914028	151.7819451	Yes
2.985	66.95	162.4133802	159.1663311	Yes
3.042	71.01	156.9843779	158.2525095	Yes
2.118	62.49	169.8472809	169.2759584	Yes
2.771	58.8	177.3788901	179.0098544	Yes
2.724	64.68	165.9880392	164.124493	Yes
2.562	50.13	182.7401487	168.647055	Yes
2.087	64.45	166.3737294	168.5884156	Yes
2.515	64.86	165.6892984	162.0231744	Yes

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9/14/2019	12:22	30.95	1.623
9/14/2019	12:23	31.18	1.674
9/14/2019	12:24	31.08	1.353
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9/14/2019	12:26	31.19	1.364
9/14/2019	12:27	31.31	1.368
9/14/2019	12:28	31.3	1.052
9/14/2019	12:29	31.43	1.364
9/14/2019	12:30	31.3	0.925
9/14/2019	12:31	31.22	0.826
9/14/2019	12:32	31.15	0.922
9/14/2019	12:33	31.23	1.333
9/14/2019	12:34	31.39	1.124
9/14/2019	12:35	31.44	1.331
9/14/2019	12:36	31.63	1.207
9/14/2019	12:37	31.66	1.431
9/14/2019	12:38	31.45	1.19
9/14/2019	12:39	31.24	1.022
9/14/2019	12:40	31.26	1.483
9/14/2019	12:41	31.36	1.372
9/14/2019	12:42	31.45	1.753
9/14/2019	12:43	31.29	1.019
9/14/2019	12:44	31.26	0.613
9/14/2019	12:45	31.44	0.682
9/14/2019	12:46	31.61	0.797
9/14/2019	12:47	31.74	1.209
9/14/2019	12:48	31.68	1.275
9/14/2019	12:49	31.93	0.787
9/14/2019	12:50	31.74	1.468
9/14/2019	12:51	31.72	1.101
9/14/2019	12:52	31.74	1.6
9/14/2019	12:53	31.64	1.585
9/14/2019	12:54	31.5	1.725
9/14/2019	12:55	31.27	1.622
9/14/2019	12:56	31.24	1.395
9/14/2019	12:57	31.32	1.089
9/14/2019	12:58	31.54	1.005
9/14/2019	12:59	31.74	1.181
9/14/2019	13:00	31.75	1.441
9/14/2019	13:01	31.65	0.962
9/14/2019	13:02	31.6	0.423
9/14/2019	13:03	31.75	1.472
9/14/2019	13:04	31.9	1.434
9/14/2019	13:05	31.82	1.076
9/14/2019	13:06	31.96	1.346
9/14/2019	13:07	32.1	1.278
9/14/2019	13:08	31.95	1.066
9/14/2019	13:09	31.74	0.906
9/14/2019	13:10	31.85	0.757
9/14/2019	13:11	32.01	1.473

105.2	146.3632375	30.23	1.715
79.5	149.010542	30.42	1.753
96.2	143.9217129	30.67	2
87.6	144.9460055	30.5	1.665
144.2	168.1018522	30.8	1.879
157.4	143.9325875	30.71	1.486
114	152.5255981	30.84	1.543
93.7	143.8833505	30.72	1.132
88.6	144.6580519	30.86	1.535
97.7	144.0764313	30.73	1.016
97.1	144.0026586	30.61	0.909
96.4	143.936624	30.54	1.121
99.3	144.3509966	30.64	1.546
100.9	144.7396894	30.8	1.45
111.8	150.6007104	30.89	1.646
110.2	149.3679312	31.12	1.623
121.8	161.7528127	31.16	1.53
122.7	163.0894665	30.97	1.78
112.7	151.3553066	30.74	1.225
123	163.5489495	30.77	1.681
145	166.1438025	30.89	1.483
83	146.8652868	30.97	1.915
83	146.8652868	30.72	1.17
74.85	152.857274	30.63	0.699
105.8	146.658692	30.85	0.727
42.3	161.7949854	31.07	0.825
77.77	150.3033904	31.18	1.32
104.6	146.0849588	31.06	1.546
86.3	145.3884291	31.39	1.01
79.88	148.7476287	31.14	1.497
77.76	150.3113282	31.06	1.461
106.3	146.9181461	31.13	1.734
114	152.5255981	31.09	1.859
102.3	145.1746105	30.98	1.934
95.1	143.8710782	30.68	1.95
112.5	151.183739	30.66	1.46
78.91	149.4336533	30.75	1.295
69.77	158.5195028	30.96	1.11
77.86	150.2321931	31.19	1.312
87.8	144.8847909	31.18	1.674
79.67	148.8919985	31	1.115
67.17	162.0885141	30.94	0.475
98.9	144.2717056	31.18	1.772
144.5	167.3583715	31.41	1.558
166.8	134.4523139	31.36	1.222
69.15	159.3265474	31.49	1.382
114.4	152.9052402	31.63	1.499
97.2	144.0138522	31.48	1.306
98.9	144.2717056	31.22	0.987
130.2	176.9345288	31.3	0.898
158.6	142.43085	31.5	1.682

75.04	152.6763357	29.69	2.009
51.31	186.6962522	29.82	1.93
71.17	156.7937882	30.04	2.419
66.21	163.5335194	29.84	2.11
119	157.9753829	30.11	2.062
135.9	191.4980279	29.97	1.827
96.2	143.9217129	30.12	1.903
76.38	151.4593208	29.95	1.343
66.35	163.3183251	30.17	1.836
74.43	153.264762	30.04	1.308
74.02	153.6726349	29.95	1.113
72.23	155.573193	29.91	1.278
80.1	148.5988232	30.04	1.614
79.47	149.0316173	30.23	1.668
92.3	143.9815923	30.33	1.789
87.6	144.9460055	30.55	1.887
95.9	143.9026392	30.55	1.81
102.4	145.2090977	30.3	1.84
92	144.0138522	30.12	1.195
105.6	146.5582885	30.15	1.775
120.3	159.6596036	30.3	1.952
63.07	168.7837396	30.31	2.233
55.53	185.3039034	30.01	1.413
57.18	181.14472	29.94	0.734
79.28	149.1661829	30.11	0.833
23.44	135.2628355	30.32	0.904
52.32	190.2864113	30.32	1.641
81.8	147.531862	30.32	1.79
70.17	158.012935	30.69	1.261
57.8	179.6677453	30.39	1.926
52.58	191.2427813	30.34	1.78
79.69	148.8781507	30.5	1.765
88.2	144.7678047	30.5	1.994
78.05	150.083324	30.38	2.201
73.25	154.466003	30.13	2.18
94.6	143.8656	30.1	1.455
58.23	178.6696644	30.16	1.518
42.19	161.555561	30.32	1.242
51.17	186.2137989	30.52	1.541
61.87	171.0185998	30.47	2.015
57.79	179.6912098	30.28	1.199
49.8	181.6772422	30.22	0.576
80.1	148.5988232	30.57	2.028
120.8	160.3391006	30.79	1.694
140	179.7911758	30.72	1.265
48.81	178.5965111	30.81	1.668
87.6	144.9460055	30.99	1.59
77.48	150.5357933	30.87	1.445
83.4	146.658692	30.58	1.007
106.7	147.1344513	30.66	0.907
126.8	170.0150814	30.83	2.016

71.62	156.266743	29.15	2.535	67.35	161.8254511	28.62
51.75	188.2363056	29.26	2.402	46.44	171.8311374	28.73
71.51	156.3943585	29.48	2.969	66.67	162.8322147	28.92
66.22	163.5180972	29.19	2.556	62.41	169.9963998	28.65
116	154.5187706	29.43	2.688	111.1	150.0444711	28.85
134.2	186.7139875	29.29	2.187	127	170.3906689	28.73
95	143.869106	29.43	2.358	88.4	144.7120259	28.86
75.85	151.9284217	29.21	1.678	67.95	160.9661346	28.64
61.73	171.2881156	29.49	2.213	58.21	178.715618	28.96
76.56	151.3036019	29.39	1.549	68.49	160.2154634	28.88
72.27	155.5285442	29.32	1.258	64.33	166.5767388	28.9
73.86	153.8345346	29.29	1.801	66.54	163.0287344	28.86
75.83	151.9464353	29.4	2.136	71.23	156.7227512	28.94
77.48	150.5357933	29.65	2.153	73.73	153.9672144	29.13
88.8	144.6058796	29.76	2.499	84.6	146.0849588	29.27
84.6	146.0849588	29.98	2.535	81.1	147.9535689	29.44
94.6	143.8656	29.96	2.426	89.5	144.4374183	29.38
98.4	144.18259	29.69	2.643	93.3	143.9026392	28.98
91.8	144.0375611	29.45	1.715	86.2	145.4256783	28.77
105.6	146.5582885	29.49	2.497	99	144.2908609	28.93
119.2	158.226888	29.63	2.267	111.4	150.2796092	29.06
61.88	170.9994201	29.66	2.789	57	181.5820782	29.1
57.79	179.6912098	29.39	1.517	50.66	184.4864291	28.85
55.43	185.5671111	29.3	0.857	46.34	171.5632972	28.9
70.25	157.9129319	29.45	1.01	63.29	168.3883008	29.01
18.38	131.8098181	29.64	1.099	14.39	129.9077701	29.21
55.63	185.0420042	29.62	1.91	48.7	178.2639076	29.14
79.91	148.7271904	29.65	2.161	77.47	150.5438888	29.17
68.33	160.4356688	30.07	1.517	67.13	162.1473062	29.59
60.87	172.9853497	29.75	2.203	53.91	189.7341951	29.23
48.98	179.1142847	29.69	2.093	45.43	169.1872366	29.21
76.79	151.1072607	29.88	2.357	71.94	155.8999408	29.45
87.7	144.915171	29.82	2.821	82.5	147.1344513	29.28
78.08	150.0599961	29.74	2.718	71.86	155.9910238	29.11
72.42	155.362013	29.52	2.642	70.74	157.3098376	28.97
88.8	144.6058796	29.49	2.098	85.1	145.8660653	28.95
59.02	176.8903335	29.59	1.784	54.5	188.0789318	29.09
41.92	160.9733845	29.77	1.479	40.67	158.3771782	29.36
50.48	183.8878558	29.93	1.877	45.75	170.0103529	29.47
61.73	171.2881156	29.85	2.386	57.36	180.7112428	29.43
62.94	169.0194556	29.57	1.48	52.82	192.1376851	29.06
40.35	157.7379301	29.46	0.607	43.43	164.3317004	29.05
77.11	150.8389733	29.89	2.496	72.37	155.4173654	29.56
118.9	157.8506504	30.16	2.11	113.2	151.7940443	29.77
135.9	191.4980279	30.12	1.595	133.3	184.3413566	29.66
53.84	189.9338591	30.18	1.791	46.24	171.2968116	29.76
84.5	146.1301527	30.35	2.298	77.75	150.3192715	29.87
77.15	150.8058349	30.15	1.75	72.28	155.5173978	29.61
85.1	145.8660653	29.85	1.466	76.27	151.5553772	29.32
106.9	147.2455367	29.89	1.143	100.3	144.580468	29.48
126.7	169.8286827	30.11	2.441	120	159.2604663	29.65

2.812	73.27	154.444939	154.3153413	Yes
2.644	52.72	191.7633837	177.5075242	Yes
3.405	74.33	153.3633197	154.6610788	Yes
2.966	71.38	156.5461903	159.7080424	Yes
3.01	120.3	159.6596036	158.0600161	Yes
2.514	133.5	184.8594495	175.4789443	Yes
2.696	94.9	143.8675721	145.779203	Yes
1.825	74.23	153.4624719	152.3399399	Yes
2.577	64.11	166.9521179	164.9864457	Yes
1.642	79.61	148.9336661	151.5587849	Yes
1.496	74.07	153.6223567	154.6805867	Yes
1.914	73.53	154.1733362	154.1092845	Yes
2.379	78.56	149.6933055	150.2624623	Yes
2.368	80.1	148.5988232	149.3746275	Yes
2.712	88.9	144.580468	145.9707218	Yes
2.815	88	144.8253918	146.6355712	Yes
2.681	97.1	144.0026586	147.5922258	Yes
2.882	100.4	144.6058796	148.1979346	Yes
1.9	91.2	144.1192747	145.7903346	Yes
2.53	109.6	148.9406289	149.9794033	Yes
2.797	120.6	160.0651457	158.8750098	Yes
3.166	63.23	168.4957176	167.3452485	Yes
1.674	57.11	181.3143406	175.5322339	Yes
0.941	54.77	187.3376215	175.6940047	Yes
1.172	56.61	182.5431781	160.9338571	Yes
1.187	29.33	140.9418848	139.9434588	Yes
2.176	56	184.0842372	177.5959901	Yes
2.499	86.3	145.3884291	147.6552658	Yes
1.746	74.33	153.3633197	155.8695317	Yes
2.69	61.91	170.9419382	172.4153714	Yes
2.347	50.5	183.9540825	174.7619427	Yes
2.52	80.3	148.4657012	150.2538399	Yes
3.223	89.2	144.5069269	146.7699904	Yes
3.105	79.64	148.912809	150.0443527	Yes
2.958	76.74	151.149693	152.431725	Yes
2.228	91.4	144.0902707	145.9223109	Yes
2.017	63.82	167.453311	172.1051788	Yes
1.573	45.94	170.5054041	161.9862061	Yes
1.958	48.85	178.7179292	173.812426	Yes
2.55	63.9	167.3143222	167.0434143	Yes
1.603	58.86	177.2451207	173.3970939	Yes
0.656	45.11	168.3772791	166.8425332	Yes
2.745	80.4	148.3999072	149.5053549	Yes
2.31	121	160.6159553	159.5916244	Yes
1.727	142.2	173.356455	172.6878658	Yes
2.122	61.12	172.4844981	174.3276455	Yes
2.447	82.3	147.2455367	148.3092413	Yes
2.006	75.63	152.1278277	150.6001412	Yes
1.527	82.5	147.1344513	147.0972583	Yes
1.086	107.3	147.4736091	152.6737188	Yes
2.757	128.6	173.5332689	163.0136699	Yes

9/14/2019	13:12	32.02	1.412
9/14/2019	13:13	31.87	1.103
9/14/2019	13:14	32.09	1.178
9/14/2019	13:15	32.01	1.527
9/14/2019	13:16	31.83	1.387
9/14/2019	13:17	31.88	1.167
9/14/2019	13:18	31.99	1.272
9/14/2019	13:19	31.94	1.155
9/14/2019	13:20	32.21	1.083
9/14/2019	13:21	32.13	1.52
9/14/2019	13:22	32.26	1.798
9/14/2019	13:23	32.15	1.443
9/14/2019	13:24	32.25	1.678
9/14/2019	13:25	32.23	1.327
9/14/2019	13:26	32.22	1.405
9/14/2019	13:27	32.43	1.433
9/14/2019	13:28	32.45	0.974
9/14/2019	13:29	32.57	1.235
9/14/2019	13:30	32.4	1.655
9/14/2019	13:31	32.27	1.432
9/14/2019	13:32	32.35	1.37
9/14/2019	13:33	32.32	0.858
9/14/2019	13:34	32.48	0.708
9/14/2019	13:35	32.45	0.846
9/14/2019	13:36	32.59	1.046
9/14/2019	13:37	32.72	1.078
9/14/2019	13:38	32.77	1.592
9/14/2019	13:39	32.85	1.353
9/14/2019	13:40	32.82	1.354
9/14/2019	13:41	32.68	1.109
9/14/2019	13:42	32.65	1.525
9/14/2019	13:43	32.72	1.316
9/14/2019	13:44	32.55	1.167
9/14/2019	13:45	32.69	1.207
9/14/2019	13:46	32.67	1.237
9/14/2019	13:47	32.54	0.674
9/14/2019	13:48	32.64	0.503
9/14/2019	13:49	32.7	0.997
9/14/2019	13:50	32.78	1.166
9/14/2019	13:51	32.74	1.428
9/14/2019	13:52	32.59	1.27
9/14/2019	13:53	32.6	1.107
9/14/2019	13:54	32.8	0.833
9/14/2019	13:55	32.81	0.752
9/14/2019	13:56	33.05	1.016
9/14/2019	13:57	33.06	0.948
9/14/2019	13:58	33.05	1.189
9/14/2019	13:59	32.99	1.062
9/14/2019	14:00	32.83	1.454
9/14/2019	14:01	32.81	1.113
9/14/2019	14:02	33.1	1.282

135.9	191.4980279	31.54	1.744
133.4	184.5997584	31.41	1.315
132.3	181.8267455	31.67	1.523
133	183.5738179	31.59	1.885
150.8	154.0534207	31.42	1.55
145.6	164.7258126	31.49	1.552
137.7	187.3568179	31.64	1.476
95.4	143.8796248	31.54	1.496
109.3	148.733998	31.75	1.234
105.3	146.4112828	31.67	1.546
101.5	144.915171	31.79	1.999
86.5	145.3153153	31.62	1.721
82.8	146.9714914	31.75	2.069
64.03	167.0896508	31.72	1.736
78.83	149.4924312	31.66	1.499
105.2	146.3632375	31.86	1.751
140.1	179.4825368	31.88	1.299
126.9	170.2024087	32.03	1.465
128.7	173.7380647	31.85	1.954
131	178.7386118	31.74	1.472
130.6	177.8276612	31.87	1.601
145.1	165.9045121	31.86	1.138
119.8	158.9978987	32.07	0.666
81.8	147.531862	31.98	1.011
89	144.5555056	32.03	1.237
121.3	161.0367221	32.16	1.195
86.3	145.3884291	32.18	1.861
150.1	155.335435	32.34	1.742
117.7	156.4059988	32.35	1.695
149.1	157.2454979	32.12	1.352
132.3	181.8267455	32.13	1.771
133.1	183.8283932	32.24	1.573
128	172.3255294	32.04	1.477
131.3	179.4337369	32.15	1.412
143.6	169.6228634	32.19	1.428
187.3	128.1582717	32.12	0.634
186.7	128.1020341	32.27	0.575
146.7	162.2336611	32.38	1.201
94.8	143.8664765	32.41	1.386
132.5	182.3197334	32.28	1.619
119.5	158.6092822	32.12	1.423
105	146.2685776	32.06	1.408
136.4	192.0626612	32.29	1.009
109.7	149.010542	32.3	0.9
61.72	171.3074384	32.56	1.163
123	163.5489495	32.55	1.196
150.6	154.4151969	32.61	1.172
166.1	134.9918873	32.6	1.432
158.7	142.3099249	32.45	1.7
145.9	164.0325631	32.46	1.309
163.1	137.5898354	32.78	1.436

118.9	157.8506504	30.87	1.912
111	149.967168	30.79	1.449
109.9	149.1519294	31.13	1.846
111.1	150.0444711	31.02	2.209
121.2	160.8957315	30.86	1.933
118.9	157.8506504	30.88	1.743
106.3	146.9181461	31.03	1.564
69.66	158.6607367	30.95	1.627
87.2	145.0738969	31.13	1.496
80.1	148.5988232	31.06	1.791
77.4	150.6007104	31.16	2.334
67.33	161.8545593	31.03	2.225
58.72	177.5578669	31.19	2.508
54.32	188.5787404	31.1	2.184
59.03	176.8682522	31.03	1.695
86.5	145.3153153	31.3	1.909
111.9	150.682349	31.27	1.554
100.2	144.5555056	31.41	1.619
101.8	145.0090396	31.18	2.098
105.8	146.658692	31.12	1.639
104.7	146.1301527	31.23	1.88
116.8	155.3841351	31.25	1.299
96.1	143.914916	31.48	0.703
63.62	167.8032289	31.34	1.191
65.64	164.4257295	31.38	1.581
103.2	145.5015641	31.53	1.326
65.29	164.9865427	31.55	2.194
126.9	170.2024087	31.76	2.1
94.7	143.8658191	31.73	2.215
117.4	156.0596058	31.44	1.799
113.4	151.9734986	31.52	2.061
111.8	150.6007104	31.59	1.82
100.9	144.7396894	31.36	1.615
112.7	151.3553066	31.54	1.72
122.3	162.4877295	31.56	1.767
165.1	135.8056071	31.46	0.598
151.5	152.8150171	31.58	0.713
128.5	173.3294827	31.73	1.547
69.29	159.1419637	31.81	1.808
115.1	153.5922617	31.71	1.876
95.6	143.8875148	31.51	1.673
85.9	145.540202	31.46	1.644
117.7	156.4059988	31.68	1.232
85.5	145.6994008	31.67	1.132
44.16	166.0479428	31.92	1.311
97.7	144.0764313	31.89	1.437
128.8	173.943875	31.92	1.636
149.2	157.0502204	31.82	1.884
129.9	176.2761595	31.69	2.145
128.4	173.1267013	31.77	1.549
144.2	168.1018522	32.16	1.756

119.3	158.3536654	30.18	2.406	111.4	150.2796092	29.68
110.9	149.8904009	30.15	1.869	107	147.3018158	29.71
111.6	150.439072	30.55	2.148	101.5	144.915171	30.06
112.5	151.183739	30.4	2.662	107.8	147.7698413	29.84
122.3	162.4877295	30.26	2.207	115.3	153.7939153	29.73
118.7	157.6032138	30.29	2.161	112.1	150.8472717	29.8
106	146.7610226	30.42	2.04	97.4	144.0375611	29.89
66.96	162.3985334	30.3	2.001	65.73	164.2831252	29.76
87.3	145.0412401	30.45	1.793	83.3	146.709616	29.86
76.61	151.2606682	30.38	2.363	72.66	155.0985115	29.85
76.2	151.6168585	30.45	2.932	71.89	155.9568196	29.73
64.77	165.8383297	30.37	2.579	61.61	171.5206225	29.76
56.36	183.169119	30.55	2.938	53.69	190.3640873	29.98
54.03	189.3935455	30.44	2.509	48.51	177.6938577	29.89
55.34	185.8051227	30.36	2.14	51.76	188.2717316	29.84
81.7	147.5906108	30.61	2.6	75.84	151.9374257	30.07
112.9	151.5291125	30.59	1.863	106.8	147.1897488	30
96.9	143.9815923	30.73	2.112	92.8	143.936624	30.21
98.7	144.234728	30.46	2.911	94.4	143.8664765	29.89
106	146.7610226	30.44	2.024	100.1	144.530992	29.91
104.9	146.2219614	30.55	2.425	97.1	144.0026586	29.96
115.5	153.9979779	30.6	1.556	107.7	147.7095994	30.05
92.8	143.936624	30.85	0.906	92.7	143.9447385	30.39
64.77	165.8383297	30.68	1.399	59.81	175.1790677	30.3
58.32	178.4634343	30.72	1.75	58.01	179.1776602	30.4
102.3	145.1746105	30.84	1.779	94.3	143.8675721	30.45
65.63	164.4416147	30.84	2.535	62.82	169.238399	30.42
125.6	167.8384137	31.04	2.38	115.5	153.9979779	30.62
95.6	143.8875148	30.99	2.674	89.7	144.3933148	30.51
117.7	156.4059988	30.67	2.002	110.9	149.8904009	30.17
112.8	151.441929	30.84	2.573	104.9	146.2219614	30.33
113.1	151.7051686	30.88	2.286	104.8	146.17582	30.31
101.3	144.8548646	30.64	2.138	94.1	143.8710782	30.08
113.5	152.0640803	30.83	2.079	103.3	145.540202	30.26
124.9	166.6276829	30.88	1.976	116.8	155.3841351	30.24
125.9	168.3704292	30.76	0.754	140.9	177.070287	30.15
156.5	145.1219829	30.84	0.771	139.1	182.6427564	30.28
126	168.5495467	30.99	1.574	118.5	157.3584661	30.46
67.55	161.5360252	31.06	2.01	65.15	165.2136704	30.58
115.5	153.9979779	30.93	2.274	106.3	146.9181461	30.41
94.4	143.8664765	30.74	2.089	88.1	144.796372	30.23
85.4	145.7403654	30.72	2.028	82	147.415851	30.29
117	155.6067462	31.02	1.424	105.2	146.3632375	30.59
80.3	148.4657012	31	1.343	74.83	152.8764429	30.57
38.53	154.2881682	31.21	1.474	37.99	153.3228709	30.74
96.4	143.936624	31.16	1.611	91.7	144.0500767	30.75
129.6	175.6274687	31.18	1.724	122.9	163.3950032	30.76
147.7	160.0831011	31.08	1.991	143.2	170.6627261	30.58
132.6	182.5680669	30.96	2.423	127.5	171.3461128	30.45
127.3	170.9610894	31.1	1.708	113.9	152.4321413	30.55
145.9	164.0325631	31.51	1.928	136.4	192.0626612	30.94

2.653	123	163.5489495	164.3061805	Yes
2.027	117.6	156.2898875	157.6098061	Yes
2.52	111.2	150.1223115	155.2910459	Yes
2.947	115.5	153.9979779	157.3139694	Yes
2.571	124.3	165.6232794	159.3708153	Yes
2.447	121.3	161.0367221	158.4127341	Yes
2.182	106.4	146.9714914	154.4090078	Yes
2.181	72.66	155.0985115	156.8641063	Yes
2.058	90.8	144.18259	145.9482682	Yes
2.601	78.37	149.8369821	150.2412535	Yes
3.37	78.81	149.5071785	150.5193476	Yes
3.04	67.82	161.1500463	161.1357746	Yes
3.338	58.12	178.922972	175.3971073	Yes
2.971	54.19	188.9425307	182.339665	Yes
2.169	54.83	187.1742421	177.522356	Yes
2.818	82.1	147.3585869	147.7130352	Yes
2.043	116.6	155.1640479	156.809559	Yes
2.242	102.4	145.2090977	149.5770457	Yes
3.06	100.6	144.6580519	150.3012721	Yes
2.264	107.4	147.531862	152.8442361	Yes
2.689	104.8	146.17582	152.0716508	Yes
1.634	116.3	154.8386144	155.5669678	Yes
0.862	106.5	147.0253234	147.5639001	Yes
1.48	72.79	154.9572882	162.2619553	Yes
2.02	66.67	162.8322147	165.8909089	Yes
1.855	102.3	145.1746105	148.1510159	Yes
2.857	72.48	155.2957982	159.8701567	Yes
2.766	125.9	168.3704292	163.1489329	Yes
2.833	99	144.2908609	146.5687017	Yes
2.348	120.4	159.7940691	155.8791145	Yes
2.865	113.4	151.9734986	156.6875266	Yes
2.484	114.7	153.1961245	157.1012434	Yes
2.259	104	145.823697	150.3229717	Yes
2.339	111.6	150.439072	155.7664796	Yes
2.182	126	168.5495467	164.5343915	Yes
0.878	142.2	173.356455	156.55221	Yes
0.829	153.1	150.1407104	151.7645002	Yes
1.777	125	166.7980522	165.6538418	Yes
2.227	74.72	152.9822913	156.5480854	Yes
2.539	112.4	151.0987909	157.585382	Yes
2.255	96.7	143.962286	147.0243863	Yes
2.195	91	144.1500472	145.8230087	Yes
1.525	111.3	150.2006904	160.1278668	Yes
1.534	85.3	145.7817973	148.3667768	Yes
1.64	44.64	167.2110128	162.4354866	Yes
1.715	95.4	143.8796248	147.8983413	Yes
1.955	134.1	186.4450707	170.7653229	Yes
2.301	151.5	152.8150171	155.1205904	Yes
2.771	134.8	188.3560461	172.1712621	Yes
1.921	126.1	168.7295603	165.8564111	Yes
2.192	144.1	168.3521774	166.0278178	Yes

9/14/2019	14:03	33.03	0.894
9/14/2019	14:04	32.92	0.929
9/14/2019	14:05	32.73	1.201
9/14/2019	14:06	32.75	1.213
9/14/2019	14:07	32.87	0.966
9/14/2019	14:08	32.87	1.279
9/14/2019	14:09	32.79	1.447
9/14/2019	14:10	32.54	0.976
9/14/2019	14:11	32.67	1.058
9/14/2019	14:12	32.69	1.367
9/14/2019	14:13	32.78	1.04
9/14/2019	14:14	32.81	1.216
9/14/2019	14:15	32.86	1.384
9/14/2019	14:16	32.82	1.314
9/14/2019	14:17	32.73	0.823
9/14/2019	14:18	32.76	0.337
9/14/2019	14:19	32.81	0.531
9/14/2019	14:20	32.78	0.73
9/14/2019	14:21	32.88	0.95
9/14/2019	14:22	33.15	0.811
9/14/2019	14:23	33.29	1.266
9/14/2019	14:24	33.51	1.098
9/14/2019	14:25	33.49	1.609
9/14/2019	14:26	33.34	1.282
9/14/2019	14:27	33.28	1.69
9/14/2019	14:28	33.09	1.373
9/14/2019	14:29	32.95	1.134
9/14/2019	14:30	32.89	1.257
9/14/2019	14:31	32.84	1.441
9/14/2019	14:32	32.86	1.341
9/14/2019	14:33	32.97	1.385
9/14/2019	14:34	33.08	0.97
9/14/2019	14:35	33.36	0.499
9/14/2019	14:36	33.51	0.576
9/14/2019	14:37	33.53	1.102
9/14/2019	14:38	33.54	1.306
9/14/2019	14:39	33.44	1.042
9/14/2019	14:40	33.45	0.878
9/14/2019	14:41	33.49	0.735
9/14/2019	14:42	33.56	0.607
9/14/2019	14:43	33.67	1.125
9/14/2019	14:44	33.7	1.52
9/14/2019	14:45	33.65	1.001
9/14/2019	14:46	33.87	1.175
9/14/2019	14:47	33.92	1.163
9/14/2019	14:48	33.67	1.042
9/14/2019	14:49	33.49	1.496
9/14/2019	14:50	33.52	1.668
9/14/2019	14:51	33.41	1.345
9/14/2019	14:52	33.3	1.058
9/14/2019	14:53	33.01	1.248

156.9	144.586539	32.73	1.037
183	128.065931	32.69	1.168
131.8	180.615438	32.47	1.326
155.2	146.9398193	32.46	1.425
149.2	157.0502204	32.6	1.17
153	150.3016928	32.63	1.488
157.4	143.9325875	32.52	1.58
153.6	149.347741	32.22	1.127
114	152.5255981	32.32	1.5
105.7	146.6082498	32.31	1.611
114.8	153.294267	32.35	1.344
146.3	163.1241775	32.38	1.187
156.8	144.7193684	32.5	1.589
138.7	183.9540825	32.51	1.451
174.9	129.8727295	32.43	0.935
190.2	128.6298991	32.51	0.439
241.8	171.1531239	32.58	0.585
108.1	147.9535689	32.57	0.712
90.7	144.1995259	32.58	0.924
66.17	163.5952872	32.81	1.232
82.5	147.1344513	32.85	1.321
115.3	153.7939153	33.07	1.249
116.7	155.273777	33.13	1.845
104.9	146.2219614	32.92	1.597
120.5	159.929249	32.81	2.039
113.1	151.7051686	32.55	1.531
87.3	145.0412401	32.36	1.463
89.9	144.3509966	32.27	1.486
86.4	145.3516416	32.26	1.599
90.3	144.2717056	32.27	1.465
68.67	159.9699426	32.45	1.529
43.54	164.586333	32.54	1.04
57.97	179.270618	32.85	0.535
95.6	143.8875148	33.1	0.772
104.3	145.9522103	33.13	1.052
87.7	144.915171	33.15	1.416
56.31	183.2952421	32.94	1.098
87.3	145.0412401	32.95	0.912
91.3	144.1045518	33.05	0.956
82.7	147.0253234	33.06	0.662
76.63	151.2435338	33.22	1.374
82.2	147.3018158	33.3	1.704
51.42	187.0778653	33.22	1.296
42.39	161.9918513	33.41	1.274
72.2	155.6067462	33.51	1.337
92.7	143.9447385	33.32	1.483
92.7	143.9447385	33.08	1.956
116.9	155.4951241	33.09	1.636
126.2	168.9104738	32.96	1.676
129.8	176.0588609	32.81	1.179
100.7	144.6848135	32.56	1.432

137.2	189.1277069	32.03	1.461
149.1	157.2454979	32.05	1.335
114	152.5255981	31.77	1.664
138.4	184.9559525	31.77	1.74
126.4	169.2750169	31.95	1.448
128.2	172.724134	31.95	1.815
134.3	186.9842516	31.86	1.901
140.4	178.5661959	31.56	1.388
88.1	144.796372	31.68	1.668
83	146.8652868	31.71	1.857
94.4	143.8664765	31.73	1.635
127.3	170.9610894	31.77	1.511
129.3	174.9883145	31.86	1.928
123.8	164.8092124	31.85	1.803
150.5	154.5974305	31.7	1.24
122.6	162.9378699	31.82	0.508
217.8	152.989316	31.9	0.665
83.6	146.5582885	31.92	0.713
66.53	163.0439058	31.95	1.182
39.01	155.1681104	32.08	1.737
55.1	186.4450707	32.03	1.677
95.5	143.8833505	32.41	1.449
95.5	143.8833505	32.43	2.074
88.1	144.796372	32.26	1.855
93.1	143.914916	32.18	2.079
86.7	145.2440439	31.88	1.744
62.03	170.7128642	31.67	1.795
64.96	165.5245006	31.54	2.044
65.13	165.2462488	31.54	1.938
64.54	166.2222748	31.53	1.852
50.29	183.2621837	31.71	1.927
17.58	131.3727676	31.7	1.282
18.58	131.9235609	31.83	0.762
67.2	162.0444998	32.1	1.07
76.21	151.6080585	32.18	1.183
68.27	160.5187249	32.29	1.773
35.28	148.8505467	32.02	1.467
59.61	175.6060107	32.05	0.971
67.36	161.8109084	32.19	1.283
57.88	179.4804461	32.11	0.955
50.22	183.0332512	32.27	1.695
55.82	184.5479751	32.45	2.296
30.84	142.7236871	32.39	1.698
16.51	130.8324323	32.26	1.776
47.16	173.8003102	32.22	1.639
79.48	149.024587	32.28	1.68
71.19	156.7700829	32.2	2.301
97.5	144.0500767	32.33	1.817
101.8	145.0090396	32.19	1.959
106.7	147.1344513	31.99	1.467
78.22	149.9517718	31.81	1.637

140.2	179.1755005	31.35	1.435	128.8	173.943875	30.75
145	166.1438025	31.39	1.466	136.9	190.2134023	30.79
115.1	153.5922617	31.16	2.008	108.1	147.9535689	30.65
137.9	186.6616714	31.13	1.968	130.8	178.2808867	30.65
125.7	168.0148666	31.34	1.608	118.6	157.480505	30.87
128.6	173.5332689	31.29	2.052	120.7	160.201762	30.72
134.3	186.9842516	31.25	2.088	125.6	167.8384137	30.71
136.6	191.31691	30.96	1.462	131.6	180.1392477	30.45
86.3	145.3884291	31.07	2.233	80.9	148.0785655	30.55
81.4	147.7698413	31.1	2.203	76.89	151.0228123	30.53
92.6	143.9532925	31.14	1.894	83.6	146.5582885	30.56
123.2	163.8592137	31.16	1.65	111.6	150.439072	30.65
129.8	176.0588609	31.27	2.139	120	159.2604663	30.77
125.6	167.8384137	31.3	2.061	119.5	158.6092822	30.83
147.4	160.717127	31.1	1.243	143.9	168.856618	30.59
128.1	172.5243387	31.17	0.492	102.2	145.1405816	30.75
193.7	129.6477719	31.31	0.671	203.3	135.1505606	30.96
78.27	149.9133748	31.34	0.833	74.71	152.9919492	31.1
64.33	166.5767388	31.36	1.231	61.18	172.3652126	31.16
37.5	152.4689987	31.48	1.542	36.45	150.7076759	31.18
54.5	188.0789318	31.37	1.729	53.91	189.7341951	31.02
95.3	143.8763375	31.78	1.894	88.3	144.7396894	31.35
95.2	143.8734887	31.78	2.571	91.3	144.1045518	31.19
84.6	146.0849588	31.56	2.343	82.8	146.9714914	30.94
92.1	144.0026586	31.51	2.814	89.5	144.4374183	30.86
83.1	146.8129126	31.14	2.383	81	148.0158154	30.47
59.91	174.967172	30.92	1.942	59.91	174.967172	30.35
64.89	165.6397717	30.81	2.227	63.27	168.4240706	30.18
65.85	164.0939997	30.84	2.229	63.95	167.2277368	30.23
65.17	165.1811249	30.88	2.122	60.57	173.5946014	30.33
49.37	180.3195691	31.05	1.994	45.49	169.3405613	30.49
18.71	131.998462	30.96	1.219	15.41	130.3287446	30.45
10.19	128.6276998	31.07	0.62	4.147	128.0200013	30.66
54.24	188.8023303	31.3	1.098	57.99	179.2241161	30.89
76.21	151.6080585	31.35	1.442	73	154.7313813	30.79
66.71	162.7720109	31.47	1.991	64.93	165.5738525	30.77
35.74	149.5677796	31.27	1.521	34.66	147.9096513	30.63
58.92	177.1117469	31.28	1.213	53.87	189.8482027	30.72
65.93	163.968557	31.43	1.409	61.73	171.2881156	30.89
59.13	176.6480379	31.32	0.87	58.78	177.423568	30.82
52.21	189.8858401	31.49	1.826	49.32	180.1636724	31.03
53.24	191.6744707	31.74	2.4	50.1	182.6427564	31.23
34	146.9398193	31.63	1.73	27.02	138.4835628	31.03
22.38	134.4372553	31.33	1.604	15	130.1542428	30.84
47.58	174.9828444	31.27	1.81	41.28	159.6240912	30.91
79.55	148.9755205	31.43	1.985	76.37	151.4680251	30.92
70.56	157.529508	31.45	2.736	66.51	163.0742718	30.89
97.7	144.0764313	31.66	2.427	92.9	143.9289489	31.07
100.7	144.6848135	31.54	2.522	94.9	143.8675721	30.95
105	146.2685776	31.31	1.735	97.5	144.0500767	30.7
75.19	152.5349756	31.12	1.932	71.96	155.8772341	30.57

1.657	143.2	170.6627261	171.4992695	Yes
1.673	138.3	185.293471	165.3924209	Yes
2.074	118.3	157.1163888	158.3606511	Yes
2.162	137.9	186.6616714	176.7000003	Yes
1.816	127.5	171.3461128	164.6333443	Yes
2.411	130.4	177.3788901	166.8279496	Yes
2.29	132.5	182.3197334	173.6118476	Yes
1.682	139.3	181.9973899	176.2734969	Yes
2.399	87.7	144.915171	147.1408271	Yes
2.328	84.5	146.1301527	147.6792686	Yes
2.077	91.2	144.1192747	146.3583198	Yes
1.99	121.5	161.3209223	161.940895	Yes
2.527	128.5	173.3294827	165.6712986	Yes
2.134	127.5	171.3461128	169.3114207	Yes
1.551	147.8	159.8738411	154.7835492	Yes
0.54	147.6	160.2933984	153.9052175	Yes
0.717	186.3	128.0723698	143.4026284	Yes
0.738	80.3	148.4657012	149.1765765	Yes
1.38	69.96	158.2775168	160.89258	Yes
2.022	43.45	164.3778936	157.2635931	Yes
1.926	61.3	172.1277015	176.7040701	Yes
2.134	94.5	143.8658191	146.0318224	Yes
2.858	97.3	144.0254863	146.2321309	Yes
2.577	90.9	144.1660972	145.6481761	Yes
3.033	97	143.9919054	147.2552295	Yes
2.512	88.9	144.580468	147.2716817	Yes
2.212	66.73	162.7419554	165.6860807	Yes
2.66	69.12	159.3662806	160.661124	Yes
2.42	69.95	158.2901911	160.0419636	Yes
2.284	67.84	161.1216709	162.0782755	Yes
2.366	50	182.3192244	175.0422962	Yes
1.361	25.78	137.2899388	139.1152492	Yes
0.701	11.56	128.9663543	139.3616468	Yes
1.224	64.38	166.4920026	168.0900927	Yes
1.615	80.4	148.3999072	150.4599232	Yes
2.342	72.26	155.5396969	157.8638912	Yes
1.582	40.85	158.7412196	157.6728879	Yes
1.359	61.74	171.2688024	171.7752006	Yes
1.558	68.47	160.2428877	160.2830041	Yes
0.962	68.55	160.1333638	168.1421478	Yes
1.897	59.98	174.8194662	175.8291527	Yes
2.851	56.87	181.9003825	177.6134801	Yes
1.951	37.99	153.3228709	153.7095611	Yes
1.954	26.9	138.3643054	139.1560174	Yes
1.95	47.52	174.8123506	167.7652685	Yes
2.139	81.8	147.531862	148.1889466	Yes
2.929	74.92	152.7903671	154.8217937	Yes
2.653	99.3	144.3509966	146.3803155	Yes
2.634	102.3	145.1746105	149.5293019	Yes
1.849	105.4	146.4598058	151.9943545	Yes
2.016	80.3	148.4657012	150.3028992	Yes

9/14/2019	14:54	32.81	0.709
9/14/2019	14:55	32.9	0.896
9/14/2019	14:56	33.04	1.192
9/14/2019	14:57	33.07	1.098
9/14/2019	14:58	33.33	0.917
9/14/2019	14:59	33.48	0.886
9/14/2019	15:00	33.76	1.265
9/14/2019	15:01	33.7	0.734
9/14/2019	15:02	33.81	0.653
9/14/2019	15:03	33.84	1.283
9/14/2019	15:04	33.95	1.341
9/14/2019	15:05	33.93	1.085
9/14/2019	15:06	33.78	1.003
9/14/2019	15:07	33.68	1.282
9/14/2019	15:08	33.53	0.692
9/14/2019	15:09	33.53	0.549
9/14/2019	15:10	33.67	0.785
9/14/2019	15:11	33.58	1.048
9/14/2019	15:12	33.49	1.233
9/14/2019	15:13	33.34	0.982
9/14/2019	15:14	33.31	0.639
9/14/2019	15:15	33.44	0.977
9/14/2019	15:16	33.37	0.801
9/14/2019	15:17	33.4	1.354
9/14/2019	15:18	33.38	1.081
9/14/2019	15:19	33.33	1.433
9/14/2019	15:20	33.34	1.24
9/14/2019	15:21	33.35	0.741
9/14/2019	15:22	33.44	0.702
9/14/2019	15:23	33.51	1.024
9/14/2019	15:24	33.59	1.38
9/14/2019	15:25	33.49	1.338
9/14/2019	15:26	33.4	1.028
9/14/2019	15:27	33.28	0.897
9/14/2019	15:28	33.18	1.21
9/14/2019	15:29	33.24	1.056
9/14/2019	15:30	33.34	0.808
9/14/2019	15:31	33.41	0.982
9/14/2019	15:32	33.34	1.368
9/14/2019	15:33	33.31	1.016
9/14/2019	15:34	33.18	0.807
9/14/2019	15:35	33.18	1.179
9/14/2019	15:36	33.04	0.994
9/14/2019	15:37	32.87	0.904
9/14/2019	15:38	32.79	1.034
9/14/2019	15:39	32.68	0.875
9/14/2019	15:40	32.61	1.127
9/14/2019	15:41	32.47	0.852
9/14/2019	15:42	32.37	1.067
9/14/2019	15:43	32.37	1.291
9/14/2019	15:44	32.42	1.095

206.9	138.3643054	32.28	0.92
154.3	148.2703958	32.47	1.03
111.8	150.6007104	32.68	1.436
118.3	157.1163888	32.65	1.171
108.9	148.4657012	32.95	1.12
91.5	144.0764313	33.07	1.015
52.8	192.0626612	33.29	1.583
84	146.3632375	33.27	0.876
104.5	146.0402375	33.4	0.8
75.1	152.6196347	33.42	1.415
123.1	163.7036852	33.57	1.84
173.2	130.5924354	33.58	1.232
194.6	129.9908531	33.5	1.176
186.1	128.0598829	33.45	1.377
204	135.7219305	33.31	0.771
245.5	164.6488595	33.36	0.658
60.37	174.0058166	33.57	0.95
70.51	157.5909127	33.41	1.436
68.23	160.5742413	33.22	1.485
78.85	149.4777051	32.98	1.196
85.4	145.7403654	32.94	0.836
98.2	144.1500472	33.08	1.068
113.6	152.1552339	32.98	1.04
96	143.9085582	33.01	1.603
121	160.6159553	32.96	1.328
101	144.7678047	32.95	1.498
109.4	148.802358	32.92	1.322
130.1	176.7139881	32.93	0.779
124.9	166.6276829	33.08	0.834
91.8	144.0375611	33.16	1.066
139.8	180.4133026	33.31	1.566
123.7	164.6488595	33.18	1.533
150.6	154.4151969	33.13	1.201
179.8	128.4665503	33.05	1.164
156.4	145.2575724	32.96	1.341
144.1	168.3521774	33.03	1.215
127.4	171.1531239	33.15	0.913
127.6	171.5400605	33.23	1.144
130.9	178.509184	33.08	1.484
132.9	183.3205043	33.04	1.268
133.7	185.382728	32.89	1.093
146.1	163.5761126	32.92	1.335
159.7	141.1353782	32.79	1.298
162.2	138.4636301	32.61	0.929
158.6	142.43085	32.56	1.33
165.6	135.3923691	32.48	1.026
144.8	166.6259865	32.42	1.398
157.2	144.1921397	32.29	1
96.1	143.914916	32.18	1.41
90	144.3305061	32.14	1.663
102.6	145.2794496	32.17	1.337

159.1	141.8325805	31.57	1.13
132.8	183.0684457	31.79	1.137
85.7	145.6188708	32.01	1.665
97.5	144.0500767	31.96	1.42
80.6	148.2698482	32.21	1.616
65.97	163.9060273	32.29	1.318
26.65	138.1184539	32.38	2.276
66.87	162.5324313	32.33	0.991
81.5	147.7095994	32.49	0.996
51.76	188.2717316	32.59	1.618
82.8	146.9714914	32.81	2.162
143.9	168.856618	32.79	1.408
162.1	138.5635199	32.65	1.479
168.5	133.2418584	32.62	1.902
179.9	128.4479207	32.41	0.921
210.8	142.6746234	32.45	0.807
40.28	157.5994358	32.59	0.868
47.57	174.9543924	32.45	1.729
43.01	163.372186	32.31	1.8
52.35	190.3960734	32.07	1.435
67.91	161.0225898	32.19	1.19
79.12	149.2809643	32.33	1.265
83.2	146.7610226	32.28	1.232
72.15	155.6627953	32.37	2.078
100.7	144.6848135	32.28	1.469
75.79	151.9825311	32.26	1.78
85.1	145.8660653	32.22	1.602
105.8	146.658692	32.19	1.094
101.9	145.0412401	32.3	0.902
72.6	155.1640479	32.39	1.187
118.2	156.9963458	32.54	1.691
98.8	144.2529947	32.41	1.601
122.5	162.7870502	32.39	1.227
147.3	160.9305691	32.28	1.373
138.8	183.6236488	32.19	1.729
124.5	165.9547117	32.29	1.288
109.4	148.802358	32.4	0.903
103.2	145.5015641	32.47	1.403
110	149.2234061	32.3	1.805
112.3	151.0143979	32.31	1.421
106.6	147.0796431	32.18	1.242
133.5	184.8594495	32.26	1.591
130.6	177.8276612	32.1	1.577
142.6	172.2625195	31.93	0.763
135.2	189.4785153	31.89	1.284
138.2	185.6327901	31.85	0.979
128.7	173.7380647	31.84	1.473
129.9	176.2761595	31.71	1.059
65.34	164.9058154	31.66	1.581
57.38	180.6633167	31.63	1.907
78.1	150.0444711	31.66	1.448

151.8	152.2972712	30.9	1.147	151.6	152.6415793	30.44
130.5	177.6027217	31.18	1.324	121	160.6159553	30.78
83	146.8652868	31.41	2.084	79.23	149.2019082	30.94
96.5	143.9447385	31.3	1.739	91.7	144.0500767	30.86
82.2	147.3018158	31.59	1.758	74.74	152.9629933	31.16
55.74	184.7554179	31.69	1.427	54.73	187.4468139	31.25
27.07	138.5334935	31.67	2.233	20.48	133.0953331	31.17
80.8	148.1418203	31.62	1.168	76.05	151.7495356	31.13
77.99	150.1301251	31.75	1.09	71.22	156.7345743	31.26
45.92	170.4530694	31.9	1.908	43.76	165.0998032	31.5
82.5	147.1344513	32.19	2.713	78.14	150.0134855	31.75
144.8	166.6259865	32.11	1.563	136.9	190.2134023	31.65
160.2	140.5713153	31.99	1.558	153.4	149.6625543	31.53
164.6	136.2317817	31.96	1.878	158.4	142.6746234	31.47
170	132.2876789	31.76	0.997	170.6	131.9350344	31.32
189.1	128.4118509	31.8	0.792	197	131.0736496	31.36
37.36	152.2288183	31.99	1.128	35.29	148.8659637	31.63
43.26	163.9409094	31.82	1.994	40.14	157.3238792	31.41
43.81	165.2172884	31.61	1.962	37.36	152.2288183	31.15
53.29	191.5273979	31.37	1.611	46.74	172.6428665	30.96
69.07	159.4326439	31.59	1.157	66.71	162.7720109	31.17
78.41	149.8065746	31.78	1.462	75.55	152.2010256	31.37
81.3	147.8305829	31.73	1.422	80.6	148.2698482	31.33
71	156.9963458	31.79	2.388	67.17	162.0885141	31.32
98.6	144.2169051	31.68	1.893	93.1	143.914916	31.2
76.27	151.5553772	31.69	2.098	71.16	156.8056507	31.14
81.8	147.531862	31.64	1.86	78.26	149.9210435	31.09
103.3	145.540202	31.52	1.248	98.6	144.2169051	31.02
97.8	144.0902707	31.63	1.195	91.4	144.0902707	31.15
70.31	157.8382144	31.72	1.278	65.55	164.5689879	31.25
117.1	155.7190033	31.9	2.066	110.8	149.8141685	31.42
97.6	144.0630334	31.8	2.1	91.8	144.0375611	31.27
125.8	168.1922038	31.77	1.48	121.2	160.8957315	31.24
141.1	176.4826621	31.65	1.436	138.4	184.9559525	31.07
136.6	191.31691	31.59	1.848	130.5	177.6027217	31.12
124.5	165.9547117	31.76	1.59	115.3	153.7939153	31.28
111.2	150.1223115	31.84	1.27	100.4	144.6058796	31.35
101.7	144.9772949	31.93	1.678	95.7	143.8921176	31.47
108.3	148.0785655	31.73	2.218	103.7	145.6994008	31.35
107.2	147.415851	31.72	1.754	102.9	145.3884291	31.34
100.8	144.7120259	31.64	1.454	96.9	143.9815923	31.31
134.3	186.9842516	31.78	1.846	127	170.3906689	31.4
123.7	164.6488595	31.61	1.703	119.5	158.6092822	31.22
139.1	182.6427564	31.44	1.124	137.3	188.7697038	31.07
129.3	174.9883145	31.4	1.686	128.4	173.1267013	31.02
136	191.7923969	31.41	1.219	136.7	190.9470722	31.07
118.5	157.3584661	31.46	1.908	120.2	159.5258496	31.16
116.9	155.4951241	31.32	1.197	121.1	160.7554768	30.99
66.51	163.0742718	31.3	1.889	56.31	183.2952421	31.01
63.14	168.6574471	31.26	2.349	54.12	189.1394036	30.92
76.88	151.0312322	31.27	1.868	70.62	157.4560437	30.91

1.293	149.5	156.470139	148.3211751	Yes
1.435	128.1	172.5243387	168.4163714	Yes
2.28	85.3	145.7817973	147.6137147	Yes
2.014	98.5	144.1995259	146.6721613	Yes
2.015	83.8	146.4598058	148.6920328	Yes
1.618	58.7	177.6027217	171.5574824	Yes
2.707	32.34	144.6395886	149.2899061	Yes
1.31	83.1	146.8129126	151.1199875	Yes
1.237	76.1	151.7051686	150.463941	Yes
2.057	52.1	189.4876488	173.1863775	Yes
2.966	85.7	145.6188708	150.6883968	Yes
1.67	140.3	178.8700569	167.0316998	Yes
1.72	160	140.7951122	139.916671	Yes
2.287	162.4	138.2655439	135.6947381	Yes
1.202	173.2	130.5924354	131.797	Yes
0.818	191.1	128.8442293	139.1306425	Yes
1.202	42.08	161.3174379	158.8034944	Yes
2.255	48.95	179.0225803	166.5665348	Yes
2.274	47.17	173.8281717	163.0441411	Yes
1.753	56.07	183.9050129	177.5898111	Yes
1.368	77.31	150.6741605	155.9283541	Yes
1.667	84.3	146.2219614	148.3321146	Yes
1.539	91	144.1500472	147.8333469	Yes
2.904	76.59	151.2778249	153.9868077	Yes
2.043	100.3	144.580468	147.6026116	Yes
2.287	78.96	149.3970884	150.9016904	Yes
2.101	86.7	145.2440439	147.4730746	Yes
1.483	104.5	146.0402375	151.834005	Yes
1.217	100.5	144.6317408	148.896241	Yes
1.382	73.91	153.7837755	155.0785174	Yes
2.222	117.3	155.945431	159.7776502	Yes
2.206	103.1	145.4633897	148.4931677	Yes
1.696	126.2	168.9104738	163.0401312	Yes
1.666	144.4	167.6049563	163.6881381	Yes
2.19	133.9	185.9112491	176.7424204	Yes
1.658	124.9	166.6276829	164.1366398	Yes
1.278	110.6	149.6633025	152.8693951	Yes
1.885	104.2	145.9089029	150.363988	Yes
2.482	109.6	148.9406289	154.090237	Yes
1.954	110.1	149.2954063	155.2869177	Yes
1.573	105.3	146.4112828	153.5134544	Yes
2.107	135.9	191.4980279	179.4617021	Yes
2.025	127.3	170.9610894	162.6364541	Yes
1.11	144.8	166.6259865	169.7529192	Yes
1.839	137.7	187.3568179	173.4762398	Yes
1.443	144.9	166.3842917	174.029784	Yes
2.087	127	170.3906689	165.5278072	Yes
1.231	121.5	161.3209223	159.6079645	Yes
2.075	64	167.1413681	164.4663227	Yes
2.479	60.84	173.045869	171.1673085	Yes
1.982	76.7	151.183739	150.9989871	Yes

9/14/2019	15:45	32.56	1.106
9/14/2019	15:46	32.62	1.087
9/14/2019	15:47	32.63	1.232
9/14/2019	15:48	32.64	1.305
9/14/2019	15:49	32.56	0.765
9/14/2019	15:50	32.64	1.095
9/14/2019	15:51	32.7	1.25
9/14/2019	15:52	32.6	1.304
9/14/2019	15:53	32.83	1.073
9/14/2019	15:54	32.95	0.978
9/14/2019	15:55	32.89	1.317
9/14/2019	15:56	32.68	1.154
9/14/2019	15:57	32.6	1.224
9/14/2019	15:58	32.36	1.349
9/14/2019	15:59	32.37	1.001
9/14/2019	16:00	32.6	1.365
9/14/2019	16:01	32.77	1.17
9/14/2019	16:02	32.97	0.961
9/14/2019	16:03	33.02	1.437
9/14/2019	16:04	33.1	0.948
9/14/2019	16:05	33.06	1.408
9/14/2019	16:06	32.95	1.243
9/14/2019	16:07	33.03	1.183
9/14/2019	16:08	33.16	0.718
9/14/2019	16:09	33.24	1.086
9/14/2019	16:10	33.22	1.103
9/14/2019	16:11	33.24	1.018
9/14/2019	16:12	33.27	1.088
9/14/2019	16:13	33.4	0.643
9/14/2019	16:14	33.54	1.073
9/14/2019	16:15	33.44	1.074
9/14/2019	16:16	33.27	0.85
9/14/2019	16:17	33.17	0.896
9/14/2019	16:18	33.22	0.587
9/14/2019	16:19	33.37	1.279
9/14/2019	16:20	33.39	1.269
9/14/2019	16:21	33.18	1.291
9/14/2019	16:22	33.09	0.802
9/14/2019	16:23	33.15	0.408
9/14/2019	16:24	33.16	1.498
9/14/2019	16:25	33.03	1.228
9/14/2019	16:26	32.99	1.209
9/14/2019	16:27	33	1.032
9/14/2019	16:28	33.13	0.813
9/14/2019	16:29	33.2	1.177
9/14/2019	16:30	33.36	0.768
9/14/2019	16:31	33.43	1.029
9/14/2019	16:32	33.41	0.928
9/14/2019	16:33	33.27	1.303
9/14/2019	16:34	33.06	1.427
9/14/2019	16:35	32.92	1.297

126	168.5495467	32.33	1.326
113	151.6168585	32.36	1.348
102.8	145.3516416	32.35	1.588
96.3	143.9289489	32.31	1.498
93.2	143.9085582	32.19	1.137
76.14	151.6697768	32.26	1.422
96.3	143.9289489	32.37	1.668
85.4	145.7403654	32.25	1.456
99.5	144.3933148	32.53	1.134
79.54	148.9825144	32.69	1.317
85.7	145.6188708	32.62	1.723
78.28	149.9057115	32.33	1.527
79.07	149.3171086	32.24	1.508
74.9	152.8094541	32	1.616
77.86	150.2321931	31.99	1.118
58.59	177.8502163	32.26	1.46
64.67	166.0047155	32.46	1.489
79.88	148.7476287	32.64	1.276
110.3	149.4409821	32.73	1.573
113.7	152.2469608	32.8	1.193
135.2	189.4785153	32.79	1.873
133.6	185.120437	32.68	1.398
130.1	176.7139881	32.77	1.362
122.9	163.3950032	32.88	0.891
136.6	191.31691	33	1.212
147.5	160.5047386	32.99	1.254
126.4	169.2750169	32.97	1.152
115.9	154.4133891	32.97	1.226
115.7	154.2044642	33.1	0.765
117.7	156.4059988	33.27	1.237
117.8	156.5227599	33.15	1.443
85.1	145.8660653	32.93	1.056
94.7	143.8658191	32.78	0.994
159.5	141.3652945	32.82	0.661
133.6	185.120437	33.08	1.502
100.8	144.7120259	33.09	1.521
103.5	145.6188708	32.83	1.377
93.4	143.897159	32.68	0.91
137.5	188.0594614	32.73	0.634
104.7	146.1301527	32.8	1.608
106.2	146.8652868	32.64	1.475
77.06	150.8805203	32.53	1.294
90	144.3305061	32.54	1.174
90.7	144.1995259	32.71	0.987
110.7	149.7384694	32.81	1.335
157.6	143.6757156	33.05	1.186
147.3	160.9305691	33.17	1.093
165	135.8898012	33.2	1.074
133.1	183.8283932	33.06	1.661
124.5	165.9547117	32.8	1.615
107	147.3018158	32.63	1.455

95.8	143.897159	31.88	1.368
89.6	144.4151432	31.89	1.481
81	148.0158154	31.84	1.683
74.49	153.2059121	31.8	1.814
69.89	158.3663809	31.66	1.285
51.59	187.6720737	31.74	1.899
72.52	155.2517809	31.86	1.967
57.25	180.9756864	31.8	1.829
75.71	152.0549964	32.09	1.414
54.91	186.9571644	32.19	1.467
67.72	161.2923687	32.14	2.054
54.42	188.3005121	31.84	1.784
55.82	184.5479751	31.72	1.914
52.43	190.6893804	31.53	1.823
51	185.6327901	31.5	1.342
35.27	148.8351374	31.72	1.529
42.53	162.2998385	31.83	1.748
54.08	189.2522137	31.99	1.469
87.9	144.8548646	32.09	1.738
94.5	143.8658191	32.23	1.389
111.3	150.2006904	32.19	2.106
106.7	147.1344513	32.13	1.611
107.4	147.531862	32.2	1.637
103.4	145.579304	32.32	0.887
111.2	150.1223115	32.44	1.345
124.6	166.1216858	32.39	1.479
104.1	145.8660653	32.32	1.343
87.8	144.8847909	32.28	1.218
93.1	143.914916	32.44	0.765
92	144.0138522	32.59	1.267
95.8	143.897159	32.48	1.493
69.76	158.5323077	32.28	1.222
76.82	151.0818679	32.1	1.086
136.2	192.385621	32.16	0.76
110	149.2234061	32.42	1.654
75.45	152.2930398	32.42	1.637
76.13	151.6786163	32.22	1.541
63.57	167.8912569	32.05	1.177
106	146.7610226	32.09	0.676
77.8	150.2796092	32.16	1.664
76.92	150.9975858	32.04	1.583
53.71	190.3065356	31.91	1.549
60.92	172.8846833	32	1.453
67.14	162.1325968	32.15	1.076
88.1	144.796372	32.28	1.542
129.5	175.4133646	32.53	1.619
127.6	171.5400605	32.63	1.398
151.2	153.3405134	32.58	1.219
113.4	151.9734986	32.44	1.823
101.8	145.0090396	32.23	1.692
85	145.9089029	32.13	1.438

92.3	143.9815923	31.5	1.772	85.2	145.823697	31.15
86	145.5015641	31.46	1.945	81.4	147.7698413	31.09
79.71	148.8643236	31.39	2.167	72.77	154.9789462	31.01
74.39	153.3041138	31.37	2.126	67.28	161.927462	30.99
72.62	155.1421774	31.21	1.435	66.46	163.1503235	30.84
58.63	177.7600627	31.32	2.07	49.15	179.6366553	30.99
75.82	151.9554507	31.46	2.416	66.78	162.6669518	31.11
59.73	175.3493392	31.44	1.998	55.41	185.6199103	31.09
73.31	154.4028847	31.69	1.758	67.61	161.4497825	31.33
58.86	177.2451207	31.78	1.663	50.53	184.0535541	31.42
70.16	158.0254659	31.73	2.517	61.04	172.6440973	31.34
59.47	175.9073889	31.4	2.056	52.44	190.7261335	31
59.05	176.8241223	31.29	2.037	51.06	185.8372508	30.92
55.29	185.9378138	31.14	2.071	45.79	170.1141798	30.83
52.97	192.4751238	31.08	1.546	44.67	167.2846368	30.79
34.57	147.7754919	31.28	1.899	27.33	138.795421	31
43.12	163.6215537	31.38	1.954	36.53	150.8386615	31.09
54.93	186.9030305	31.52	1.783	45.58	169.5714192	31.21
88.2	144.7678047	31.55	2.315	83.4	146.658692	31.2
92.5	143.962286	31.7	1.79	87.1	145.1070106	31.39
107.8	147.7698413	31.73	2.591	104.8	146.17582	31.43
100.7	144.6848135	31.69	2.02	98.6	144.2169051	31.38
103	145.4256783	31.75	2.014	98.9	144.2717056	31.4
103.6	145.6589028	31.86	1.216	95.7	143.8921176	31.51
113.1	151.7051686	31.96	1.644	108.1	147.9535689	31.57
121.4	161.1784514	31.89	1.789	118.7	157.6032138	31.45
101.5	144.915171	31.81	1.806	96.3	143.9289489	31.36
87.9	144.8548646	31.75	1.644	83.4	146.658692	31.33
90.5	144.234728	31.91	1.077	81.2	147.8918251	31.56
90	144.3305061	32.09	1.665	80.7	148.2055809	31.76
93.3	143.9026392	31.99	2.046	87	145.1405816	31.64
68.42	160.311575	31.77	1.416	65.91	163.9998697	31.44
76.86	151.0480886	31.58	1.171	72.09	155.7302641	31.28
132.2	181.5820782	31.61	0.782	136.5	191.6887683	31.4
108.7	148.3346233	31.92	2.217	102.4	145.2090977	31.71
74.7	153.0016129	31.9	2.108	69.79	158.4939136	31.59
75.03	152.6858062	31.7	1.847	70.56	157.529508	31.39
57.28	180.9034226	31.55	1.23	58.73	177.5354561	31.26
100.9	144.7396894	31.56	0.868	84.6	146.0849588	31.3
75.89	151.8924626	31.61	2.236	68.82	159.767119	31.35
74.94	152.7713035	31.54	2.081	67.28	161.927462	31.24
57.7	179.9029136	31.41	1.774	48.08	176.4242321	31.09
54.43	188.2727659	31.54	1.608	53.24	191.6744707	31.29
68.02	160.8676218	31.66	1.35	58.85	177.2673881	31.4
88.2	144.7678047	31.77	1.871	81	148.0158154	31.52
132.3	181.8267455	32.03	1.692	125.1	166.9692794	31.76
131.5	179.9029136	32.15	1.64	124.5	165.9547117	31.84
147.8	159.8738411	32.1	1.422	141.4	175.6124958	31.73
110.1	149.2954063	31.99	2.304	107.9	147.8305829	31.65
97.9	144.1045518	31.86	2.164	93.9	143.8763375	31.59
83.9	146.4112828	31.8	1.923	79.43	149.0597905	31.57

1.884	92.5	143.962286	149.2428562	Yes
2.134	87	145.1405816	146.8887978	Yes
2.404	80.2	148.5320061	149.1485466	Yes
2.366	74.92	152.7903671	153.0313608	Yes
1.562	75.94	151.8476418	154.4830163	Yes
2.489	59.45	175.9506132	174.5378363	Yes
2.603	74.25	153.4425938	153.4491452	Yes
2.294	65.13	165.2462488	170.58631	Yes
1.939	74.23	153.4624719	153.1526901	Yes
1.978	57.47	180.4482351	175.5373177	Yes
2.831	66.46	163.1503235	160.1462252	Yes
2.342	60.11	174.5465065	175.8772505	Yes
2.376	58.93	177.0895564	174.7232026	Yes
2.321	54.47	188.1619203	177.5425497	Yes
1.701	49.52	180.7897097	175.2828907	Yes
2.035	36.35	150.5446758	152.7601885	Yes
2.213	41.97	161.0806085	160.7690755	Yes
1.884	52.2	189.8495428	176.864767	Yes
2.527	90.6	144.2169051	145.9878497	Yes
1.92	94.2	143.869106	145.8102365	Yes
2.761	112.1	150.8472717	156.8944277	Yes
2.308	105.9	146.709616	153.5732446	Yes
2.28	105.5	146.5088075	152.0904083	Yes
1.264	104.2	145.9089029	148.8868461	Yes
1.883	114.5	153.0016129	158.8199144	Yes
2.078	124	165.1323684	162.1080916	Yes
2.074	100	144.5069269	149.6984258	Yes
1.687	91.9	144.0254863	146.9674446	Yes
1.113	87.5	144.9772949	147.0446456	Yes
1.719	88.1	144.796372	147.550462	Yes
2.249	93.8	143.8796248	146.6685529	Yes
1.496	74.58	153.1180367	156.3655709	Yes
1.154	81.2	147.8918251	149.9235729	Yes
0.987	134.9	188.6345537	179.1312632	Yes
2.496	109.6	148.9406289	155.3656386	Yes
2.371	79.4	149.0809751	151.5163134	Yes
1.998	78.35	149.8522179	151.4730038	Yes
1.457	69.25	159.1945613	165.8843712	Yes
0.985	90	144.3305061	153.9951277	Yes
2.373	76.56	151.3036019	151.8745891	Yes
2.318	75.71	152.0549964	152.9233269	Yes
1.902	58.12	178.922972	175.2874347	Yes
1.818	61.52	171.6959121	173.7716676	Yes
1.481	66.4	163.2418433	161.5417952	Yes
2.125	91	144.1500472	146.2937017	Yes
2.155	130.4	177.3788901	169.052799	Yes
2.027	130.1	176.7139881	171.0084486	Yes
1.69	145.5	164.9592071	157.9351717	Yes
2.561	114.5	153.0016129	157.1858988	Yes
2.293	100.7	144.6848135	148.7258908	Yes
1.955	87	145.1405816	146.7644747	Yes

9/14/2019	16:36	32.84	1.356
9/14/2019	16:37	32.82	1.332
9/14/2019	16:38	32.79	1.041
9/14/2019	16:39	32.81	1.022
9/14/2019	16:40	32.87	1.243
9/14/2019	16:41	32.94	1.289
9/14/2019	16:42	33.01	1.274
9/14/2019	16:43	32.97	1.097
9/14/2019	16:44	33.1	1.691
9/14/2019	16:45	33.14	1.121
9/14/2019	16:46	33.19	0.841
9/14/2019	16:47	33.26	0.715
9/14/2019	16:48	33.32	1.085
9/14/2019	16:49	33.35	1.336
9/14/2019	16:50	33.17	1.203
9/14/2019	16:51	33.07	1.201
9/14/2019	16:52	33	1.229
9/14/2019	16:53	32.99	1.175
9/14/2019	16:54	33.04	1.277
9/14/2019	16:55	33.13	1.22
9/14/2019	16:56	33.21	1.068
9/14/2019	16:57	33.05	1.288
9/14/2019	16:58	32.88	0.989
9/14/2019	16:59	32.96	0.997
9/14/2019	17:00	32.99	0.919
9/14/2019	17:01	32.87	1.52
9/14/2019	17:02	32.8	1.424
9/14/2019	17:03	32.7	1.51
9/14/2019	17:04	32.57	1.416
9/14/2019	17:05	32.57	1.47
9/14/2019	17:06	32.57	0.993
9/14/2019	17:07	32.67	0.827
9/14/2019	17:08	32.72	1.094
9/14/2019	17:09	32.7	0.973
9/14/2019	17:10	32.64	1.155
9/14/2019	17:11	32.64	0.895
9/14/2019	17:12	32.65	0.949
9/14/2019	17:13	32.66	1.068
9/14/2019	17:14	32.58	1.233
9/14/2019	17:15	32.5	1.027
9/14/2019	17:16	32.52	0.917
9/14/2019	17:17	32.54	0.683
9/14/2019	17:18	32.68	0.872
9/14/2019	17:19	32.66	0.773
9/14/2019	17:20	32.74	0.844
9/14/2019	17:21	32.83	0.985
9/14/2019	17:22	32.64	1.27
9/14/2019	17:23	32.53	1.175
9/14/2019	17:24	32.47	1.093
9/14/2019	17:25	32.32	1.144
9/14/2019	17:26	32.26	0.955

99.6	144.4151432	32.51	1.556
88.2	144.7678047	32.46	1.397
92.2	143.9919054	32.4	1.305
86.7	145.2440439	32.41	1.15
88.9	144.580468	32.48	1.626
84.9	145.9522103	32.56	1.376
107.4	147.531862	32.62	1.331
82.6	147.0796431	32.6	1.287
91	144.1500472	32.75	1.842
141.1	176.4826621	32.8	1.355
148.9	157.6389568	32.89	1.093
100.4	144.6058796	32.95	0.782
103.9	145.7817973	33.02	1.316
108	147.8918251	33.04	1.543
110.8	149.8141685	32.79	1.333
113.1	151.7051686	32.68	1.366
115.4	153.8956445	32.62	1.245
102.9	145.3884291	32.59	1.235
65.61	164.4734095	32.6	1.486
62.63	169.5877459	32.68	1.357
79.71	148.8643236	32.76	1.271
102.1	145.1070106	32.65	1.581
84.5	146.1301527	32.5	1.348
75.05	152.6668709	32.59	1.213
93.6	143.8875148	32.61	1.144
89.2	144.5069269	32.53	1.732
85	145.9089029	32.47	1.521
85.4	145.7403654	32.37	1.782
88.2	144.7678047	32.23	1.754
101.4	144.8847909	32.27	1.608
105.2	146.3632375	32.28	1.129
119.6	158.7381263	32.39	0.991
129.3	174.9883145	32.46	1.247
145.9	164.0325631	32.46	1.265
130.4	177.3788901	32.43	1.348
133	183.5738179	32.44	1.203
106.1	146.8129126	32.43	1.116
111.2	150.1223115	32.45	1.392
114.4	152.9052402	32.37	1.427
116.1	154.6247674	32.27	1.335
116.9	155.4951241	32.27	1.103
117.5	156.1744239	32.27	0.909
119.7	158.8676643	32.46	0.874
111.7	150.5196185	32.46	0.938
93.4	143.897159	32.54	0.955
73.95	153.7432766	32.64	1.189
84.6	146.0849588	32.42	1.491
98.8	144.2529947	32.26	1.308
97	143.9919054	32.21	1.288
107.3	147.4736091	32.04	1.338
119.4	158.4811294	31.99	1.139

77.07	150.8721999	32.02	1.723
67.89	161.0508618	31.96	1.544
65.13	165.2462488	31.89	1.545
61.56	171.6179091	31.89	1.301
67.08	162.2209676	31.98	1.861
56.94	181.7287331	32.09	1.67
78.96	149.3970884	32.08	1.382
60.2	174.3585583	32.1	1.563
62.89	169.110523	32.23	2.245
122.9	163.3950032	32.3	1.519
119	157.9753829	32.35	1.276
83.7	146.5088075	32.36	0.908
75.69	152.0731699	32.45	1.524
81.6	147.6498563	32.5	1.608
91.1	144.1344398	32.24	1.478
93.6	143.8875148	32.15	1.531
87.3	145.0412401	32.07	1.381
73.37	154.3399871	32.03	1.334
41.16	159.3758183	31.97	1.542
42.29	161.7731656	31.98	1.455
56.48	182.867698	32.06	1.448
66.4	163.2418433	32.02	1.806
60.23	174.2960943	31.97	1.56
54.61	187.7757059	32.05	1.348
61.94	170.8845418	32.01	1.329
66.06	163.7658013	31.98	2.041
57.31	180.831266	31.96	1.961
63.44	168.1211626	31.86	2.331
62.82	169.238399	31.72	2.093
75.41	152.3300066	31.8	2.01
81.7	147.5906108	31.8	1.404
99.9	144.4833098	31.84	1.088
111.5	150.3590693	31.86	1.449
118.4	157.2370948	31.86	1.358
111.4	150.2796092	31.82	1.414
113.2	151.7940443	31.83	1.33
79.37	149.1022066	31.85	1.123
86.4	145.3516416	31.89	1.484
90	144.3305061	31.84	1.562
95.4	143.8796248	31.71	1.512
93.2	143.9085582	31.72	1.126
98.4	144.18259	31.7	0.939
99.1	144.310461	31.85	0.764
91.7	144.0500767	31.85	1.036
64.31	166.610693	31.93	0.869
48.06	176.3658623	32.04	1.164
63.82	167.453311	31.84	1.96
68.05	160.8255123	31.76	1.388
65.59	164.5052366	31.71	1.651
82.3	147.2455367	31.53	1.501
93.4	143.897159	31.49	1.276

79.03	149.3461185	31.64	2.203	70.31	157.8382144	31.33
69.3	159.1288318	31.54	1.898	61.37	171.9898034	31.25
66.6	162.9378699	31.48	1.857	58.37	178.3492575	31.2
63.85	167.4011249	31.46	1.458	53.23	191.7039299	31.18
69.94	158.3028722	31.57	2.186	61.46	171.8132067	31.33
56.61	182.5431781	31.69	1.858	49.62	181.1051921	31.48
79.11	149.2881827	31.68	1.757	67.79	161.1926651	31.53
62.58	169.6802296	31.7	1.838	53.65	190.479365	31.53
64.15	166.8835583	31.84	2.589	57.28	180.9034226	31.62
119.6	158.7381263	31.89	1.795	119.5	158.6092822	31.64
116.3	154.8386144	31.93	1.453	116.5	155.0549457	31.7
86.1	145.4633897	31.94	1.077	72.46	155.3178446	31.74
73.76	153.9365053	32.02	1.926	68.47	160.2428877	31.88
79.6	148.9406289	32.08	2.132	71.78	156.0825178	31.86
90.9	144.1660972	31.77	1.79	85.1	145.8660653	31.5
92.7	143.9447385	31.71	1.827	88	144.8253918	31.51
83.8	146.4598058	31.66	1.841	74.59	153.1083022	31.43
76.17	151.6432922	31.6	1.642	66.08	163.7347274	31.38
45.1	168.3521774	31.49	1.938	35.84	149.7258954	31.28
42.03	161.2096282	31.47	1.842	33.39	146.0718295	31.27
60.19	174.3794002	31.54	1.679	50.8	184.9559525	31.38
68.41	160.3253342	31.57	2.155	60.06	174.6512837	31.42
62.72	169.4218539	31.52	1.824	52.04	189.2714503	31.35
57.76	179.7616731	31.6	1.612	45.6	169.6228634	31.42
66.37	163.2877089	31.54	1.499	53.22	191.733404	31.4
68.51	160.188068	31.56	2.364	59.55	175.7349178	31.4
62.26	170.2776006	31.55	2.219	51.91	188.8054172	31.37
68.06	160.8114905	31.45	2.671	57.47	180.4482351	31.22
66.32	163.3643084	31.3	2.387	56.07	183.9050129	31.06
76.6	151.2692438	31.38	2.258	68.53	160.1607014	31.14
83.8	146.4598058	31.39	1.611	75.69	152.0731699	31.11
93.6	143.8875148	31.38	1.33	88.2	144.7678047	31.16
103.1	145.4633897	31.4	1.808	100.5	144.6317408	31.26
108.9	148.4657012	31.43	1.667	109.9	149.1519294	31.3
105.8	146.658692	31.4	1.864	103.1	145.4633897	31.27
104.8	146.17582	31.43	1.617	103.6	145.6589028	31.32
78.9	149.4409821	31.48	1.559	69.99	158.2395349	31.38
85.2	145.823697	31.53	1.782	79.29	149.1590536	31.43
86.8	145.2090977	31.5	2.014	82.1	147.3585869	31.41
92.7	143.9447385	31.34	2.026	86.4	145.3516416	31.16
88.1	144.796372	31.34	1.563	82.1	147.3585869	31.15
92	144.0138522	31.28	1.258	88.6	144.6580519	31.11
95.6	143.8875148	31.44	1.129	89.8	144.3719327	31.32
90.1	144.310461	31.44	1.249	85	145.9089029	31.31
65.7	164.3305874	31.52	1.205	60.01	174.7563199	31.42
51.52	187.4267432	31.64	1.565	40.15	157.3434987	31.57
67.55	161.5360252	31.44	2.173	55.22	186.1241384	31.28
69.6	158.7381263	31.38	1.722	57.79	179.6912098	31.25
72.42	155.362013	31.33	1.905	61.47	171.7936334	31.17
81.5	147.7095994	31.15	1.874	74.39	153.3041138	31.01
89.6	144.4151432	31.11	1.607	85.7	145.6188708	30.99

2.451	77.77	150.3033904	150.5550133	Yes
2.086	69.86	158.4045685	159.068374	Yes
1.965	68.22	160.5881387	162.2226841	Yes
1.53	61.97	170.8272308	169.3588477	Yes
2.373	69.84	158.4300613	159.0695152	Yes
2.108	60.08	174.6093418	173.1877311	Yes
1.778	73.15	154.5716919	152.396298	Yes
2.085	57.97	179.270618	172.1736828	Yes
3.028	68.5	160.201762	164.2498626	Yes
2.157	127	170.3906689	165.5231485	Yes
1.62	125.6	167.8384137	158.6692627	Yes
1.264	93	143.9217129	147.1635269	Yes
2.118	76.72	151.1667049	152.640213	Yes
2.327	79.4	149.0809751	149.9291606	Yes
1.986	90.5	144.234728	145.6430997	Yes
1.989	96.1	143.914916	145.655546	Yes
2.064	82.6	147.0796431	149.1169272	Yes
1.76	74.57	153.127777	153.6468426	Yes
2.116	44.61	167.1374995	161.81296	Yes
1.999	40.61	158.2565484	159.3797835	Yes
1.845	58.67	177.6700869	173.7474923	Yes
2.385	66.59	162.9529945	161.2556932	Yes
2.008	59.33	176.2108572	171.0660817	Yes
1.727	54.14	189.0830835	175.7820394	Yes
1.671	61.28	172.1671888	168.3920717	Yes
2.764	66.9	162.4877295	161.3366887	Yes
2.646	61.47	171.7936334	171.523364	Yes
3.055	64.09	166.9864494	164.4215406	Yes
2.701	65.68	164.3622692	165.1275588	Yes
2.549	78.21	149.9594672	151.720842	Yes
1.857	85	145.9089029	147.6791454	Yes
1.37	94.7	143.8658191	147.1485149	Yes
1.929	108.1	147.9535689	152.6792166	Yes
1.807	114.6	153.0985737	154.3971724	Yes
1.972	111.1	150.0444711	153.9650104	Yes
1.771	109.7	149.010542	155.2426254	Yes
1.626	78.39	149.8217677	150.6834808	Yes
2.001	87.4	145.0090396	147.0931487	Yes
2.175	88.7	144.6317408	146.8870343	Yes
2.213	92.7	143.9447385	146.3491022	Yes
1.743	90	144.3305061	147.1778295	Yes
1.336	95	143.869106	146.5796048	Yes
1.202	97	143.9919054	147.0858956	Yes
1.423	94.6	143.8656	145.7309318	Yes
1.301	66.93	162.4430969	162.4075713	Yes
1.674	47.44	174.5858392	169.893044	Yes
2.558	61.36	172.0094739	166.6415815	Yes
1.964	64.2	166.7980522	162.0611791	Yes
2.251	70.74	157.3098376	158.5925252	Yes
2.04	84.8	145.9959883	148.3457695	Yes
1.727	92.4	143.9717192	147.2768043	Yes

9/14/2019	17:27	32.35	0.787
9/14/2019	17:28	32.36	0.85
9/14/2019	17:29	32.39	0.86
9/14/2019	17:30	32.37	1.193
9/14/2019	17:31	32.13	1.318
9/14/2019	17:32	31.99	0.999
9/14/2019	17:33	31.98	1.011
9/14/2019	17:34	32.01	1.176
9/14/2019	17:35	32.11	0.857
9/14/2019	17:36	32.28	0.643
9/14/2019	17:37	32.38	0.812
9/14/2019	17:38	32.2	1.032
9/14/2019	17:39	32.05	0.966
9/14/2019	17:40	31.95	1.158
9/14/2019	17:41	31.79	1.078
9/14/2019	17:42	31.64	1.312
9/14/2019	17:43	31.6	0.962
9/14/2019	17:44	31.66	0.709
9/14/2019	17:45	31.69	0.896
9/14/2019	17:46	31.62	1.063
9/14/2019	17:47	31.5	1.012
9/14/2019	17:48	31.37	1.095
9/14/2019	17:49	31.32	0.98
9/14/2019	17:50	31.25	1.058
9/14/2019	17:51	31.18	1.063
9/14/2019	17:52	31.15	0.942
9/14/2019	17:53	31.23	0.923
9/14/2019	17:54	31.19	1.223
9/14/2019	17:55	31.19	0.837
9/14/2019	17:56	31.24	0.819
9/14/2019	17:57	31.23	1.065
9/14/2019	17:58	31.2	0.863
9/14/2019	17:59	31.22	0.963
9/14/2019	18:00	31.11	1.147
9/14/2019	18:01	31.04	1.044
9/14/2019	18:02	31.01	0.908
9/14/2019	18:03	30.95	1.397
9/14/2019	18:04	30.8	1.206
9/14/2019	18:05	30.75	0.91
9/14/2019	18:06	30.69	1.262
9/14/2019	18:07	30.59	1.112
9/14/2019	18:08	30.53	0.945
9/14/2019	18:09	30.46	1.1
9/14/2019	18:10	30.41	0.689
9/14/2019	18:11	30.37	0.895
9/14/2019	18:12	30.3	0.913
9/14/2019	18:13	30.16	0.971
9/14/2019	18:14	30.05	0.769
9/14/2019	18:15	29.89	0.865
9/14/2019	18:16	29.73	0.85
9/14/2019	18:17	29.57	0.643

125.6	167.8384137	32.09	0.881
142.9	171.4565408	32.14	1.035
97.4	144.0375611	32.17	1.031
105.5	146.5088075	32.14	1.402
96.5	143.9447385	31.86	1.475
93.2	143.9085582	31.7	1.294
76.34	151.4941717	31.68	1.345
73.67	154.028796	31.7	1.426
69.04	159.4725467	31.78	0.946
67.25	161.9712944	31.94	0.849
108.1	147.9535689	32.1	1.076
116.8	155.3841351	31.96	1.352
94.9	143.8675721	31.79	1.102
121.1	160.7554768	31.7	1.413
118.9	157.8506504	31.56	1.384
123.3	164.0155381	31.42	1.391
127.3	170.9610894	31.38	1.198
98.7	144.234728	31.43	0.875
109.5	148.8712346	31.47	1.296
98.4	144.18259	31.4	1.235
111	149.967168	31.26	1.365
103.5	145.6188708	31.11	1.353
119.1	158.1007946	31.08	1.331
103.6	145.6589028	31	1.326
106.8	147.1897488	30.94	1.354
96.9	143.9815923	30.91	1.245
98.7	144.234728	30.99	1.086
101.5	144.915171	30.97	1.394
108	147.8918251	30.97	1.05
101.5	144.915171	31.02	1.04
120.5	159.929249	31.02	1.285
103.4	145.579304	31	1.104
105.7	146.6082498	31	1.129
103.2	145.5015641	30.91	1.441
113.4	151.9734986	30.84	1.294
105.7	146.6082498	30.8	1.16
127.4	171.1531239	30.74	1.538
125.5	167.6628412	30.6	1.379
123.9	164.9703808	30.56	1.005
114.5	153.0016129	30.49	1.341
111.4	150.2796092	30.41	1.245
109	148.5320061	30.35	1.137
115.6	154.1009172	30.27	1.28
123.5	164.3305874	30.22	0.948
101.7	144.9772949	30.19	1.135
112.7	151.3553066	30.11	1.227
101.4	144.8847909	30	1.282
93.7	143.8833505	29.88	1.068
105.3	146.4112828	29.73	1.122
100.2	144.5555056	29.55	1.069
111.7	150.5196185	29.4	0.799

103	145.4256783	31.59	0.901
119.8	158.9978987	31.59	1.105
77.48	150.5357933	31.6	1.23
78.96	149.3970884	31.61	1.617
66.22	163.5180972	31.37	2.067
68.69	159.9428063	31.23	1.64
55.73	184.7814063	31.21	1.496
47.53	174.8407299	31.21	1.643
46.17	171.1110735	31.29	1.341
47.43	174.5575905	31.42	0.966
80.4	148.3999072	31.56	1.071
83.4	146.658692	31.43	1.607
72.81	154.9356552	31.29	1.39
100.4	144.6058796	31.23	1.567
93	143.9217129	31.1	1.646
94.2	143.869106	30.99	1.577
101.8	145.0090396	30.98	1.36
68.88	159.6864397	31.02	1.091
82.3	147.2455367	31.05	1.488
79.6	148.9406289	30.98	1.551
80.7	148.2055809	30.86	1.59
79.02	149.3533842	30.74	1.573
88.9	144.580468	30.71	1.535
76.75	151.1411955	30.65	1.604
77.49	150.5277032	30.59	1.513
69.04	159.4725467	30.56	1.43
74.8	152.9052402	30.64	1.355
76.04	151.758426	30.61	1.652
85.2	145.823697	30.62	1.148
72.82	154.924848	30.64	1.368
96.1	143.914916	30.63	1.343
80.6	148.2698482	30.61	1.271
79.9	148.733998	30.62	1.273
77.94	150.1692741	30.55	1.639
81.6	147.6498563	30.5	1.402
89.5	144.4374183	30.48	1.273
98.9	144.2717056	30.39	1.642
97.4	144.0375611	30.27	1.479
92.8	143.936624	30.25	1.039
89.2	144.5069269	30.19	1.462
89	144.5555056	30.12	1.321
83.7	146.5088075	30.07	1.311
85.7	145.6188708	30	1.386
93.1	143.914916	29.95	1.126
74.95	152.7617804	29.92	1.302
82.7	147.0253234	29.86	1.534
76.8	151.0987909	29.78	1.554
75.63	152.1278277	29.67	1.429
85.4	145.7403654	29.54	1.236
84.5	146.1301527	29.39	1.209
83.8	146.4598058	29.25	0.93

95.2	143.8734887	31.2	1.263	93	143.9217129	31.07
110.9	149.8904009	31.19	1.251	111.3	150.2006904	31.1
81.1	147.9535689	31.21	1.405	71.06	156.9246374	31.14
78.71	149.581232	31.26	2.038	71.58	156.3130579	31.2
71.47	156.4409588	31.03	2.275	60.81	173.1064782	30.92
74.45	153.2451217	30.9	1.898	62.98	168.9467649	30.81
62.33	170.1461127	30.89	1.82	49.77	181.5815251	30.83
52.65	191.5025857	30.9	1.878	40.08	157.2063652	30.83
55.75	184.7294423	30.95	1.263	41.81	160.7384237	30.86
57.46	180.4720858	31.02	1.118	39.56	156.2023603	30.97
79.34	149.1234851	31.15	1.519	72.08	155.7415311	31.14
82.2	147.3018158	31.04	1.954	72.07	155.7528046	31
76.67	151.2093319	30.93	1.609	67.29	161.9128663	30.87
92.7	143.9447385	30.88	1.958	87.6	144.9460055	30.82
90.3	144.2717056	30.81	2.058	83.7	146.5088075	30.77
91.2	144.1192747	30.72	1.957	86.7	145.2440439	30.67
96.5	143.9447385	30.73	1.798	92	144.0138522	30.71
74.48	153.2157056	30.77	1.277	66.42	163.2113054	30.77
84.7	146.0402375	30.78	1.954	77.67	150.3830131	30.76
79.37	149.1022066	30.69	1.871	70.85	157.1766587	30.64
80.7	148.2055809	30.58	1.97	73.41	154.2981778	30.53
79.09	149.3026351	30.48	1.973	70.74	157.3098376	30.43
86.2	145.4256783	30.46	1.944	80.9	148.0785655	30.42
76.31	151.5203689	30.4	1.951	67.96	160.9520393	30.38
77.3	150.682349	30.35	1.899	68.65	159.9971076	30.33
73.35	154.3609284	30.34	1.754	66.82	162.6070879	30.33
76.52	151.3380493	30.41	1.588	69.35	159.0632777	30.4
76.3	151.5291125	30.38	1.963	65.16	165.1973935	30.37
82.5	147.1344513	30.38	1.484	74.69	153.0112825	30.39
71.27	156.6755243	30.41	1.573	64.68	165.9880392	30.41
91.7	144.0500767	30.39	1.71	88.6	144.6580519	30.39
79.81	148.7954988	30.38	1.563	71.19	156.7700829	30.38
80.9	148.0785655	30.39	1.562	71.53	156.3710973	30.4
77.24	150.7315951	30.33	1.87	70.71	157.3462989	30.34
80.6	148.2698482	30.3	1.764	75.31	152.4228274	30.33
88.1	144.796372	30.29	1.626	84.6	146.0849588	30.33
95.4	143.8796248	30.21	2.275	88	144.8253918	30.24
94.4	143.8664765	30.11	1.944	87.9	144.8548646	30.14
87.4	145.0090396	30.09	1.423	82.2	147.3018158	30.14
87.2	145.0738969	30.04	1.947	80.3	148.4657012	30.08
85.8	145.579304	29.98	1.756	80.1	148.5988232	30.03
82.6	147.0796431	29.93	1.611	77.58	150.4551377	29.98
81	148.0158154	29.87	1.933	75.88	151.9014439	29.91
88.4	144.7120259	29.81	1.392	81.9	147.4736091	29.86
73.58	154.1215779	29.78	1.754	66.79	162.6519743	29.83
79.36	149.1092942	29.73	1.89	77.56	150.4712252	29.79
72.17	155.6403566	29.67	1.831	67.82	161.1500463	29.72
69.37	159.0371051	29.58	1.482	67.79	161.1926651	29.63
81.7	147.5906108	29.47	1.598	78.73	149.566379	29.52
77.49	150.5277032	29.33	1.663	75.04	152.6763357	29.38
77.67	150.3830131	29.2	1.183	73.43	154.2773098	29.26

1.399	100.4	144.6058796	149.1330346	Yes
1.435	118	156.7582401	157.4607542	Yes
1.613	81.3	147.8305829	149.4564287	Yes
2.223	77.19	150.7727845	150.514594	Yes
2.567	69.32	159.1025892	159.2225724	Yes
2.015	72.11	155.707749	156.3502	Yes
1.996	55.76	184.7034797	174.5413391	Yes
2.098	50.21	183.0006155	172.1158185	Yes
1.567	51.59	187.6720737	172.744712	Yes
1.185	46.25	171.3233994	168.9053461	Yes
1.606	80.5	148.3346233	149.9106231	Yes
2.098	80.8	148.1418203	150.6478536	Yes
1.842	76.73	151.1581962	152.6167243	Yes
2.019	94.9	143.8675721	147.6239345	Yes
2.212	91	144.1500472	147.3405847	Yes
2.15	92.8	143.936624	148.2369173	Yes
1.784	99.7	144.4374183	149.6732276	Yes
1.371	75.93	151.8565946	154.4409547	Yes
2.188	84.6	146.0849588	147.7249961	Yes
2.091	79.58	148.9545699	149.6713308	Yes
2.202	81.9	147.4736091	149.6300233	Yes
2.271	80.3	148.4657012	150.0100858	Yes
2.117	89.5	144.4374183	148.1245849	Yes
2.165	77.83	150.2558768	151.9056766	Yes
2.087	77.47	150.5438888	151.7881595	Yes
1.913	75.38	152.3577923	154.5559895	Yes
1.78	77.05	150.8888462	151.6860283	Yes
2.114	72.86	154.8816815	153.6563569	Yes
1.684	82.4	147.1897488	148.2102009	Yes
1.846	75.77	152.0006132	154.9008391	Yes
1.89	93.2	143.9085582	147.2921704	Yes
1.771	80.5	148.3346233	149.5498714	Yes
1.752	81.2	147.8918251	149.5367471	Yes
2.102	78.34	149.8598438	150.7217152	Yes
1.884	85.3	145.7817973	149.2195655	Yes
1.807	92.1	144.0026586	145.1859315	Yes
2.359	93.2	143.9085582	149.6076808	Yes
2.019	94.4	143.8664765	148.857644	Yes
1.453	88.7	144.6317408	149.1699202	Yes
2.108	86.8	145.2090977	147.2514471	Yes
1.896	88.5	144.6848135	146.7396111	Yes
1.911	84.8	145.9959883	147.7143165	Yes
2.131	83.3	146.709616	149.2693326	Yes
1.578	89.7	144.3933148	148.9648906	Yes
2.067	76.17	151.6432922	153.231184	Yes
2.165	86.2	145.4256783	148.6773656	Yes
2.211	76.21	151.6080585	152.8764086	Yes
1.912	75.35	152.3856298	153.7253157	Yes
1.74	84.2	146.2685776	147.1154431	Yes
1.812	81.1	147.9535689	148.3686532	Yes
1.464	81.5	147.7095994	149.8698693	Yes

9/14/2019	18:18	29.45	0.434
9/14/2019	18:19	29.33	0.806
9/14/2019	18:20	29.21	0.815
9/14/2019	18:21	29.08	0.8
9/14/2019	18:22	28.99	0.601
9/14/2019	18:23	28.89	0.832
9/14/2019	18:24	28.81	0.497
9/14/2019	18:25	28.72	0.539
9/14/2019	18:26	28.62	0.415
9/14/2019	18:27	28.5	0.633
9/14/2019	18:28	28.38	0.553
9/14/2019	18:29	28.24	0.503
9/14/2019	18:30	28.11	0.56
9/14/2019	18:31	28	0.606
9/14/2019	18:32	27.89	0.525
9/14/2019	18:33	27.79	0.596
9/14/2019	18:34	27.74	0.43
9/14/2019	18:35	27.71	0.453
9/14/2019	18:36	27.68	0.446
9/14/2019	18:37	27.64	0.366
9/14/2019	18:38	27.62	0.319
9/14/2019	18:39	27.58	0.475
9/14/2019	18:40	27.54	0.334
9/14/2019	18:41	27.48	0.497
9/14/2019	18:42	27.39	0.409
9/14/2019	18:43	27.3	0.417
9/14/2019	18:44	27.23	0.429
9/14/2019	18:45	27.14	0.481
9/14/2019	18:46	27.03	0.46
9/14/2019	18:47	26.93	0.394
9/14/2019	18:48	26.84	0.4
9/14/2019	18:49	26.8	0.242
9/14/2019	18:50	26.63	0.255
9/14/2019	18:51	26.45	0.336
9/14/2019	18:52	26.24	0.422
9/14/2019	18:53	26.04	0.355
9/14/2019	18:54	25.84	0.318
9/14/2019	18:55	25.63	0.283
9/14/2019	18:56	25.41	0.324
9/14/2019	18:57	25.19	0.297
9/14/2019	18:58	24.98	0.293
9/14/2019	18:59	24.8	0.258
9/14/2019	19:00	24.66	0.307
9/14/2019	19:01	24.54	0.23
9/14/2019	19:02	24.44	0.207
9/14/2019	19:03	24.34	0.191
9/14/2019	19:04	24.23	0.187
9/14/2019	19:05	24.14	0.24
9/14/2019	19:06	24.02	0.213
9/14/2019	19:07	23.92	0.235
9/14/2019	19:08	23.83	0.176

111	149.967168	29.29	0.591
103.6	145.6589028	29.16	0.907
103.8	145.7403654	29.05	0.932
108.2	148.0158154	28.95	0.9
98.8	144.2529947	28.87	0.75
95.8	143.897159	28.78	1.069
106.2	146.8652868	28.71	0.787
115.4	153.8956445	28.63	0.712
129	174.3585583	28.53	0.651
99.4	144.3719327	28.41	0.7
110.3	149.4409821	28.28	0.587
115.7	154.2044642	28.16	0.573
113.5	152.0640803	28.03	0.602
109.4	148.802358	27.93	0.565
110.8	149.8141685	27.83	0.558
113	151.6168585	27.73	0.64
110.8	149.8141685	27.68	0.42
112.8	151.441929	27.64	0.454
110.5	149.5886665	27.6	0.472
115.1	153.5922617	27.57	0.376
100.9	144.7396894	27.54	0.32
121.7	161.6081001	27.51	0.457
123.1	163.7036852	27.46	0.33
112.6	151.2692438	27.38	0.468
113.6	152.1552339	27.3	0.431
105.1	146.3156694	27.21	0.404
96.2	143.9217129	27.12	0.422
100.7	144.6848135	27.03	0.464
94.6	143.8656	26.93	0.408
89	144.5555056	26.83	0.41
57.46	180.4720858	26.7	0.452
51.94	188.9126732	26.63	0.347
68.59	160.0787749	26.5	0.315
70.31	157.8382144	26.35	0.376
73.92	153.7736417	26.15	0.462
77.53	150.4953974	25.94	0.412
103.1	145.4633897	25.75	0.39
109.7	149.010542	25.55	0.411
109.5	148.8712346	25.33	0.435
95.2	143.8734887	25.12	0.455
95.2	143.8734887	24.93	0.481
88.5	144.6848135	24.77	0.398
87.7	144.915171	24.65	0.443
87.8	144.8847909	24.55	0.33
89.7	144.3933148	24.47	0.317
80.8	148.1418203	24.39	0.304
98	144.1192747	24.29	0.307
86.8	145.2090977	24.25	0.359
90.2	144.2908609	24.15	0.335
64.91	165.6067955	24.07	0.371
59.74	175.3280184	23.98	0.26

82.9	146.9181461	29.13	0.755
78.02	150.1067003	29.02	1.066
83.8	146.4598058	28.93	1.07
83	146.8652868	28.85	1.078
78.45	149.7762523	28.78	0.976
74.62	153.0791344	28.7	1.324
82.1	147.3585869	28.65	0.976
84.7	146.0402375	28.55	0.801
89.7	144.3933148	28.46	0.661
83.9	146.4112828	28.35	0.761
88.8	144.6058796	28.23	0.602
88.8	144.6058796	28.11	0.569
88.4	144.7120259	27.98	0.662
93.7	143.8833505	27.88	0.589
88.6	144.6580519	27.78	0.635
89.7	144.3933148	27.69	0.723
84.6	146.0849588	27.62	0.535
89.4	144.4601404	27.56	0.5
91.4	144.0902707	27.51	0.479
89	144.5555056	27.46	0.406
100.1	144.530992	27.41	0.392
102.2	145.1405816	27.37	0.435
103.3	145.540202	27.31	0.365
92.4	143.9717192	27.23	0.491
91.4	144.0902707	27.15	0.477
81.8	147.531862	27.08	0.468
78.11	150.0367166	27	0.514
70.47	157.6401574	26.92	0.556
66.17	163.5952872	26.83	0.491
59.76	175.2854085	26.74	0.538
38.55	154.3244173	26.62	0.517
36.71	151.1352923	26.51	0.449
46.44	171.8311374	26.39	0.411
45.08	168.3020117	26.25	0.511
47.68	175.2681686	26.09	0.601
55.9	184.3413566	25.9	0.566
77.14	150.8141112	25.72	0.534
83.3	146.709616	25.55	0.599
82	147.415851	25.38	0.645
71.87	155.979616	25.22	0.699
68.2	160.6159553	25.07	0.7
63.07	168.7837396	24.95	0.627
62.81	169.2567034	24.86	0.635
64.68	165.9880392	24.78	0.622
57.25	180.9756864	24.7	0.558
58.13	178.8998871	24.64	0.518
69.25	159.1945613	24.55	0.449
56.34	183.2195306	24.54	0.61
64.35	166.5428188	24.45	0.582
43.81	165.2172884	24.41	0.613
38.01	153.3581647	24.33	0.456

72.55	155.2188339	29.09	0.828	71.47	156.4409588	29.15
71.06	156.9246374	28.99	1.239	69.38	159.0240293	29.06
81.3	147.8305829	28.91	1.417	78.34	149.8598438	28.99
79.89	148.7408108	28.84	1.357	75.91	151.8745173	28.93
70.55	157.5417755	28.78	1.058	71.26	156.6873212	28.86
67.13	162.1473062	28.71	1.524	67.19	162.0591636	28.8
76.24	151.5816925	28.66	1.07	72.54	155.22981	28.75
78.17	149.9903026	28.57	1.028	75.4	152.3392627	28.66
83.3	146.709616	28.48	0.938	79.96	148.6932295	28.57
78.76	149.5441392	28.37	0.981	74.96	152.7522632	28.47
86.5	145.3153153	28.26	0.995	82.8	146.9714914	28.36
84.1	146.3156694	28.15	0.897	83.5	146.6082498	28.24
85.5	145.6994008	28.03	0.98	79.6	148.9406289	28.14
85.7	145.6188708	27.93	0.924	81.9	147.4736091	28.06
84.5	146.1301527	27.84	0.956	79.01	149.360655	27.97
84.4	146.17582	27.76	1.044	80.4	148.3999072	27.9
81.3	147.8305829	27.68	0.819	79.94	148.7067984	27.83
86.8	145.2090977	27.61	0.846	80.3	148.4657012	27.78
83.9	146.4112828	27.55	0.766	80.3	148.4657012	27.73
86.9	145.1746105	27.5	0.708	86	145.5015641	27.68
95.9	143.9026392	27.45	0.714	88.1	144.796372	27.65
98.1	144.1344398	27.4	0.782	90.4	144.2529947	27.62
97.3	144.0254863	27.34	0.681	90.6	144.2169051	27.57
88.1	144.796372	27.26	0.84	85.5	145.6994008	27.51
88.9	144.580468	27.21	0.827	82.4	147.1897488	27.45
82	147.415851	27.15	0.798	77.52	150.5034657	27.39
79.04	149.3388582	27.09	0.814	76.48	151.3725863	27.33
73.7	153.9979779	27.01	0.82	73.25	154.466003	27.26
68.35	160.4080416	26.93	0.79	66.25	163.4718779	27.2
64.47	166.3400135	26.84	0.799	63.12	168.6934857	27.13
44.83	167.6791732	26.72	0.75	43.23	163.8722887	27.03
41.8	160.717127	26.59	0.685	40.93	158.9040576	26.9
48.13	176.57042	26.49	0.656	44.82	167.6544218	26.82
51.68	187.9888568	26.38	0.755	49.02	179.2367801	26.7
53.5	190.9137326	26.26	0.889	48.82	178.626842	26.6
57.02	181.5332901	26.09	0.862	51	185.6327901	26.49
73.52	154.1837061	25.92	0.749	62.65	169.5508168	26.32
79.33	149.1305883	25.76	0.814	69	159.5258496	26.16
80.7	148.2055809	25.62	0.841	71.42	156.4993556	26.02
72.75	155.0006292	25.5	0.883	65.1	165.2951784	25.91
69.93	158.3155602	25.38	0.896	61.8	171.1531239	25.81
63.82	167.453311	25.31	0.85	56.23	183.4976916	25.8
66.67	162.8322147	25.28	0.847	57.62	180.0918873	25.79
64.04	167.072429	25.2	0.782	56.86	181.9249525	25.73
60.2	174.3585583	25.14	0.714	52.92	192.5140383	25.67
57.99	179.2241161	25.07	0.643	50.67	184.5198509	25.58
63.04	168.8380001	24.98	0.631	54.79	187.2831072	25.49
56.5	182.8176355	24.99	0.79	49.35	180.2571616	25.49
60.32	174.1092568	24.91	0.751	53.87	189.8482027	25.44
45.46	169.2638411	24.9	0.818	43.02	163.3947995	25.44
33.71	146.5238145	24.8	0.624	32.66	145.0679417	25.34

1.086	79.1	149.2954063	151.5681026	Yes
1.436	77.04	150.8971777	152.5222895	Yes
1.485	83.6	146.5582885	147.2897773	Yes
1.635	85.3	145.7817973	148.2556455	Yes
1.279	79.72	148.8574179	151.4231523	Yes
1.805	76.45	151.3985478	154.5162622	Yes
1.244	82.3	147.2455367	149.6561826	Yes
1.19	83.7	146.5088075	149.754851	Yes
1.052	87.8	144.8847909	151.8079019	Yes
1.181	81.1	147.9535689	148.2066373	Yes
1.167	85.4	145.7403654	146.4148068	Yes
0.973	90.1	144.310461	147.2089448	Yes
1.101	87.4	145.0090396	147.2850351	Yes
1.013	87.3	145.0412401	146.1638857	Yes
1.121	84.2	146.2685776	147.2463211	Yes
1.201	86.6	145.2794496	147.17307	Yes
1.031	85.4	145.7403654	147.6353748	Yes
0.922	85	145.9089029	147.0971542	Yes
0.847	84.6	146.0849588	146.928176	Yes
0.761	89.7	144.3933148	146.6434513	Yes
0.797	93.3	143.9026392	144.3744664	Yes
0.78	95.4	143.8796248	147.8031482	Yes
0.747	97.5	144.0500767	148.3072711	Yes
0.921	89.6	144.4151432	146.0303758	Yes
0.887	88.8	144.6058796	146.5243202	Yes
0.934	85.7	145.6188708	147.4771438	Yes
0.926	82.7	147.0253234	148.3390395	Yes
0.935	79.2	149.2234061	152.0024716	Yes
0.937	75.03	152.6858062	156.8053226	Yes
0.93	72.43	155.3509615	162.045075	Yes
0.889	52.7	191.6887683	171.6073467	Yes
0.847	49.63	181.1368312	168.1611963	Yes
0.812	52.73	191.8007219	173.5870952	Yes
0.94	55.83	184.5221028	175.5775932	Yes
1.05	54.68	187.5836121	177.2331994	Yes
1.037	57.43	180.5437087	176.5093086	Yes
0.967	66.55	163.0135709	156.605119	Yes
0.981	72.08	155.7415311	152.0236254	Yes
1.003	73.38	154.3295256	151.0643095	Yes
1.044	70.23	157.9378919	155.6173608	Yes
1.081	67.82	161.1500463	159.0216349	Yes
1.049	64.55	166.2054889	166.1250089	Yes
1.04	64.12	166.9349651	164.8061883	Yes
1.007	63.28	168.4061812	165.6552786	Yes
0.915	57.85	179.5505965	174.3584388	Yes
0.885	55.97	184.1612388	174.9893826	Yes
0.836	57.68	179.9500869	167.877006	Yes
1.024	54.38	188.4116359	175.9830123	Yes
1.001	57.45	180.4959483	171.0574175	Yes
1.041	50.12	182.7076675	169.2380784	Yes
0.951	43.38	164.2164185	156.8988716	Yes

9/14/2019	19:09	23.73	0.22
9/14/2019	19:10	23.63	0.204
9/14/2019	19:11	23.52	0.21
9/14/2019	19:12	23.43	0.197
9/14/2019	19:13	23.33	0.182
9/14/2019	19:14	23.24	0.159
9/14/2019	19:15	23.14	0.133
9/14/2019	19:16	23.05	0.162
9/14/2019	19:17	22.98	0.153
9/14/2019	19:18	22.89	0.102
9/14/2019	19:19	22.81	0.161
9/14/2019	19:20	22.72	0.133
9/14/2019	19:21	22.63	0.15
9/14/2019	19:22	22.55	0.126
9/14/2019	19:23	22.46	0.138
9/14/2019	19:24	22.36	0.116
9/14/2019	19:25	22.28	0.122
9/14/2019	19:26	22.19	0.053
9/14/2019	19:27	22.11	0.083
9/14/2019	19:28	22.03	0.058
9/14/2019	19:29	21.95	0.065
9/14/2019	19:30	21.87	0.048
9/14/2019	19:31	21.79	0.045
9/14/2019	19:32	21.69	0.13
9/14/2019	19:33	21.58	0.099
9/14/2019	19:34	21.5	0.118
9/14/2019	19:35	21.38	0.471
9/14/2019	19:36	21.21	0.258
9/14/2019	19:37	21.09	0.166
9/14/2019	19:38	20.99	0.192
9/14/2019	19:39	20.93	0.253
9/14/2019	19:40	20.9	0.242
9/14/2019	19:41	20.91	0.263
9/14/2019	19:42	20.92	0.211
9/14/2019	19:43	20.89	0.12
9/14/2019	19:44	20.87	0.129
9/14/2019	19:45	20.86	0.111
9/14/2019	19:46	20.81	0.169
9/14/2019	19:47	20.75	0.197
9/14/2019	19:48	20.68	0.208
9/14/2019	19:49	20.61	0.238
9/14/2019	19:50	20.54	0.138
9/14/2019	19:51	20.48	0.045
9/14/2019	19:52	20.42	0.053
9/14/2019	19:53	20.36	0.076
9/14/2019	19:54	20.31	0.149
9/14/2019	19:55	20.28	0.266
9/14/2019	19:56	20.22	0.335
9/14/2019	19:57	20.15	0.37
9/14/2019	19:58	20.08	0.367
9/14/2019	19:59	20.01	0.424

71.82	156.0367194	23.88	0.307
72.59	155.1749925	23.81	0.279
98.7	144.234728	23.71	0.287
105.9	146.709616	23.63	0.31
106.2	146.8652868	23.54	0.296
92.4	143.9717192	23.49	0.25
85.8	145.579304	23.4	0.189
87.5	144.9772949	23.31	0.237
71.34	156.5931293	23.25	0.212
90.6	144.2169051	23.18	0.154
54.09	189.2239899	23.11	0.221
55.69	184.8854898	23.03	0.182
57.04	181.4845502	22.95	0.199
54.82	187.201438	22.87	0.157
57.19	181.1205365	22.78	0.183
73.51	154.1940821	22.69	0.168
111.4	150.2796092	22.62	0.162
132.3	181.8267455	22.55	0.097
164.5	136.3185854	22.48	0.123
154.4	148.1195561	22.41	0.12
145.8	164.2624968	22.35	0.137
109	148.5320061	22.29	0.092
250.5	157.6032138	22.24	0.033
230.5	183.9540825	22.16	0.107
259.4	149.0809751	22.04	0.083
359.3	128.565657	21.94	0.122
43.09	163.553409	21.81	0.464
19.53	132.4886427	21.61	0.316
155.5	146.5095784	21.49	0.156
112.6	151.2692438	21.39	0.191
76.06	151.7406509	21.35	0.244
74.91	152.7999077	21.33	0.249
101.8	145.0090396	21.35	0.317
87.2	145.0738969	21.38	0.213
63.74	167.5928578	21.34	0.125
89.4	144.4601404	21.34	0.179
54.14	189.0830835	21.37	0.138
5.521	128.0325407	21.34	0.172
5.339	128.026649	21.27	0.223
8.89	128.3756824	21.19	0.236
10.39	128.6724442	21.1	0.256
13.16	129.4580938	21.01	0.162
359.4	128.5450401	20.92	0.067
0.326	128.3729982	20.84	0.083
261.9	147.4736091	20.75	0.074
239.1	176.7139881	20.68	0.11
232.5	190.9470722	20.64	0.233
224.6	167.1130196	20.59	0.394
225.2	168.6037636	20.48	0.431
219.4	155.8985853	20.38	0.475
218.2	153.695204	20.29	0.551

49.27	180.0081821	24.24	0.453
45.86	170.2963822	24.16	0.517
67.42	161.72381	24.06	0.333
76.67	151.2093319	23.98	0.442
77.75	150.3192715	23.9	0.409
68.11	160.7414917	23.86	0.427
61.15	172.4248111	23.79	0.328
64.05	167.0552158	23.71	0.332
49.23	179.8840815	23.65	0.355
57.08	181.3872153	23.56	0.306
38.55	154.3244173	23.48	0.364
38.26	153.8022972	23.4	0.302
40.95	158.9448678	23.3	0.306
36.71	151.1352923	23.21	0.235
36.86	151.3845207	23.11	0.261
46.46	171.8848687	23.02	0.266
75.18	152.5443589	22.93	0.224
83.6	146.5582885	22.86	0.188
124.6	166.1216858	22.79	0.155
120.9	160.4771641	22.74	0.186
112.2	150.9305587	22.7	0.173
91.6	144.0630334	22.71	0.189
170.2	132.1683105	22.7	0.089
196.4	130.7797169	22.64	0.051
236	184.0842372	22.53	0.099
328.9	157.6389568	22.42	0.094
11.15	128.8570903	22.3	0.539
9.57	128.4991315	22.11	0.466
117.1	155.7190033	21.97	0.198
92.6	143.9532925	21.88	0.304
55.03	186.6331714	21.88	0.369
51.03	185.7349387	21.92	0.427
72.53	155.2407923	21.97	0.506
63.74	167.5928578	22.02	0.357
50.8	184.9559525	21.99	0.246
70.84	157.1887327	22.01	0.321
47.23	173.9956398	22.05	0.25
353.1	130.6386087	22.02	0.176
345.4	135.5561236	21.95	0.214
343.3	137.4017445	21.86	0.25
349.2	132.7835393	21.77	0.269
341.1	139.5939084	21.66	0.24
335.7	146.2263702	21.53	0.152
317.6	187.7071962	21.4	0.166
271.5	144.0764313	21.31	0.11
224.9	167.8527808	21.24	0.128
210.9	142.7974765	21.18	0.225
205	136.5821614	21.11	0.417
202.4	134.4523139	20.97	0.476
199.8	132.6567999	20.82	0.519
199.7	132.5941263	20.69	0.605

44.44	166.7230034	24.68	0.608	40.72	158.4779763	25.19
42.09	161.3390319	24.58	0.634	40.84	158.72091	25.08
53.16	191.9105619	24.46	0.503	47.79	175.5837207	24.96
62.87	169.1470135	24.36	0.567	56.5	182.8176355	24.84
67.02	162.3096129	24.28	0.53	61.18	172.3652126	24.74
58.7	177.6027217	24.25	0.538	56.2	183.5738179	24.71
52.61	191.3540047	24.19	0.454	53.53	190.826596	24.64
55.38	185.6992079	24.1	0.442	53.06	192.2070228	24.54
40.05	157.1477386	24.01	0.452	41.95	161.037687	24.43
44.63	167.1864961	23.9	0.392	47.23	173.9956398	24.27
36.39	150.6097785	23.8	0.456	36.89	151.4345896	24.17
33.82	146.6808896	23.69	0.385	35.03	148.4676242	24.03
36.18	150.2694321	23.58	0.41	35.38	149.0050648	23.93
29.8	141.481181	23.49	0.326	30.85	142.7359692	23.85
33.75	146.5808313	23.39	0.353	34.74	148.0294158	23.75
41.44	159.957421	23.28	0.333	40.31	157.6587319	23.62
63.19	168.5675077	23.19	0.268	57.98	179.2473613	23.49
63.74	167.5928578	23.11	0.26	61.97	170.8272308	23.39
108	147.8918251	23.05	0.241	87.7	144.915171	23.33
105.8	146.658692	23.01	0.297	86.5	145.3153153	23.29
102.1	145.1070106	23.02	0.384	86.7	145.2440439	23.34
83.8	146.4598058	23.11	0.411	79.98	148.6796811	23.49
92.1	144.0026586	23.19	0.254	89.1	144.530992	23.66
180.1	128.4118509	23.17	0.166	113.8	152.3392627	23.78
246.4	163.2418433	23.1	0.06	155.6	146.3676144	23.76
358.5	128.7449612	23	0.188	49.2	179.7911758	23.76
16.56	130.8565674	22.84	0.666	15.36	130.3070815	23.66
15.13	130.2088002	22.64	0.587	17.25	131.2007641	23.54
87	145.1405816	22.53	0.327	68.64	160.0107008	23.51
84.3	146.2219614	22.46	0.427	69.97	158.2648493	23.38
66.07	163.7502604	22.48	0.546	57.78	179.714686	23.35
62.41	169.9963998	22.55	0.671	53.95	189.6204167	23.35
68.25	160.5464685	22.68	0.741	63.15	168.6394413	23.51
72.05	155.7753707	22.8	0.574	68.37	160.3804434	23.82
72.89	154.8493719	22.77	0.427	72.52	155.2517809	23.9
71.25	156.6991246	22.82	0.505	68.08	160.783469	24
64.98	165.4916408	22.86	0.443	61.97	170.8272308	24.06
23.78	135.539656	22.8	0.278	43.57	164.6560207	23.97
2.867	128.0745803	22.68	0.248	22.89	134.8274469	23.78
1.134	128.2505896	22.57	0.248	11.65	128.9912483	23.62
8.84	128.367328	22.47	0.278	8.23	128.273353	23.45
333.1	150.1407104	22.37	0.268	348.3	133.3770516	23.27
311.8	192.5757179	22.22	0.226	326.1	163.5761126	23.07
315.7	192.5757179	22.08	0.273	327.1	161.3606366	22.88
302.4	162.6370044	21.99	0.172	323.4	170.1401693	22.71
259.8	148.802358	21.91	0.13	285	146.2685776	22.56
218.9	154.96461	21.82	0.182	216.2	150.3016928	22.44
210.4	142.1896378	21.72	0.379	214.9	148.2703958	22.3
205.5	137.032099	21.54	0.526	208.5	140.0223639	22.06
199.7	132.5941263	21.39	0.634	204.4	136.0597477	21.87
200.4	133.042617	21.29	0.714	205	136.5821614	21.79

0.88	44.43	166.698731	165.5889224	Yes
0.867	45.25	168.7300318	162.8522697	Yes
0.765	47.17	173.8281717	169.4561985	Yes
0.789	54.53	187.996068	167.575933	Yes
0.71	60.83	173.0660621	160.9850892	Yes
0.761	56.03	184.0073504	169.9794202	Yes
0.693	54.08	189.2522137	177.8873859	Yes
0.639	52.76	191.912859	176.3703201	Yes
0.716	47.65	175.1824177	165.9690108	Yes
0.621	50.02	182.3837946	169.8340102	Yes
0.665	41.68	160.4623869	161.2110324	Yes
0.593	40.08	157.2063652	158.2085332	Yes
0.579	42.48	162.1895975	160.3787025	Yes
0.54	41.33	159.7279736	156.4563708	Yes
0.435	46.84	172.916206	160.006302	Yes
0.42	50.38	183.5577715	165.450575	Yes
0.368	63.67	167.7154207	163.6708516	Yes
0.345	69.22	159.2340832	165.2078412	Yes
0.328	78.34	149.8598438	149.0214222	Yes
0.339	83.7	146.5088075	149.415907	Yes
0.447	88.4	144.7120259	150.0512272	Yes
0.525	86.4	145.3516416	146.6172336	Yes
0.393	96.8	143.9717192	144.4553788	Yes
0.394	99.2	144.3305061	147.9630838	Yes
0.309	83.9	146.4112828	157.8371905	Yes
0.491	68.15	160.6856246	151.0852751	Yes
0.892	41.77	160.6533001	142.8454897	Yes
0.778	38.26	153.8022972	135.2399272	Yes
0.599	70.82	157.2129004	152.9185529	Yes
0.613	71.7	156.1744239	151.1767542	Yes
0.765	61.47	171.7936334	170.7264804	Yes
0.955	60.47	173.7997011	174.3902728	Yes
1.084	67.3	161.8982783	158.266804	Yes
1.009	71.3	156.6401729	157.0925484	Yes
0.816	72.02	155.8092677	163.6918462	Yes
0.889	63.25	168.4598762	157.5182686	Yes
0.787	56.33	183.2447552	176.52847	Yes
0.543	61.05	172.6241128	146.2981878	Yes
0.453	57.79	179.6912098	141.2352019	Yes
0.383	55.5	185.382728	141.6803986	Yes
0.334	41.42	159.9156104	135.602455	Yes
0.3	33.09	145.6547329	139.6448994	Yes
0.228	7.868	128.2245173	151.8295516	Yes
0.255	1.283	128.230826	159.649475	Yes
0.172	354.5	130.0310681	150.8716564	Yes
0.103	342.4	138.2655439	155.5806497	Yes
0.109	199.5	132.4701664	154.2962036	Yes
0.242	218	153.3405134	149.4991456	Yes
0.496	213.3	145.9460296	145.211314	Yes
0.58	210.3	142.0699862	139.8558491	Yes
0.557	209.1	140.6829105	139.3194039	Yes

9/14/2019	20:00	19.94	0.39
9/14/2019	20:01	19.88	0.279
9/14/2019	20:02	19.82	0.323
9/14/2019	20:03	19.78	0.308
9/14/2019	20:04	19.75	0.265
9/14/2019	20:05	19.72	0.249
9/14/2019	20:06	19.69	0.197
9/14/2019	20:07	19.68	0.138
9/14/2019	20:08	19.65	0.073
9/14/2019	20:09	19.62	0.083
9/14/2019	20:10	19.59	0.148
9/14/2019	20:11	19.54	0.149
9/14/2019	20:12	19.5	0.141
9/14/2019	20:13	19.46	0.072
9/14/2019	20:14	19.43	0.095
9/14/2019	20:15	19.42	0.139
9/14/2019	20:16	19.42	0.098
9/14/2019	20:17	19.41	0.124
9/14/2019	20:18	19.36	0.202
9/14/2019	20:19	19.32	0.204
9/14/2019	20:20	19.28	0.121
9/14/2019	20:21	19.24	0.178
9/14/2019	20:22	19.2	0.226
9/14/2019	20:23	19.17	0.172
9/14/2019	20:24	19.13	0.235
9/14/2019	20:25	19.11	0.335
9/14/2019	20:26	19.12	0.258
9/14/2019	20:27	19.13	0.31
9/14/2019	20:28	19.15	0.29
9/14/2019	20:29	19.17	0.35
9/14/2019	20:30	19.16	0.314
9/14/2019	20:31	19.13	0.326
9/14/2019	20:32	19.11	0.209
9/14/2019	20:33	19.09	0.186
9/14/2019	20:34	19.06	0.106
9/14/2019	20:35	19.05	0.122
9/14/2019	20:36	19.06	0.104
9/14/2019	20:37	19.04	0.112
9/14/2019	20:38	19.01	0.137
9/14/2019	20:39	19	0.143
9/14/2019	20:40	19	0.202
9/14/2019	20:41	19	0.204
9/14/2019	20:42	18.99	0.188
9/14/2019	20:43	18.98	0.168
9/14/2019	20:44	18.96	0.172
9/14/2019	20:45	18.93	0.102
9/14/2019	20:46	18.89	0.062
9/14/2019	20:47	18.85	0.026
9/14/2019	20:48	18.8	0.035
9/14/2019	20:49	18.75	0.088
9/14/2019	20:50	18.71	0.096

219.9	156.8559046	20.21	0.497
213.5	146.2263702	20.12	0.379
217.4	152.2972712	20.05	0.425
222.2	161.577273	20.01	0.348
219.8	156.6625457	19.96	0.341
218.1	153.51742	19.93	0.33
221.2	159.4584123	19.91	0.258
214.2	147.2303008	19.91	0.174
203.8	135.5561236	19.91	0.116
16.02	130.6016356	19.88	0.06
26.92	138.3841252	19.85	0.128
46.59	172.2354553	19.81	0.136
69.09	159.4060774	19.82	0.135
81.9	147.4736091	19.84	0.108
81.6	147.6498563	19.87	0.123
87.8	144.8847909	19.91	0.125
71.76	156.1054557	19.94	0.135
42.88	163.0792305	19.98	0.17
27.67	139.143773	19.96	0.229
31.09	143.0326833	19.91	0.246
45.42	169.1617276	19.87	0.182
36.05	150.0605198	19.84	0.238
32.41	144.732689	19.77	0.301
28.33	139.8391164	19.69	0.267
26.67	138.1379931	19.62	0.334
20.35	133.0098223	19.55	0.388
350.8	131.8211113	19.5	0.321
355.9	129.506112	19.47	0.379
353.2	130.5924354	19.44	0.383
359.2	128.5866722	19.42	0.428
19.78	132.6442281	19.38	0.359
8.75	128.3525391	19.33	0.4
3.083	128.0608835	19.28	0.275
7.584	128.1898112	19.23	0.225
350.5	131.9926732	19.19	0.132
344.8	136.0597477	19.17	0.164
326.6	162.4546358	19.17	0.176
252.8	154.9464686	19.16	0.147
254.6	153.0985737	19.13	0.179
322.9	171.4565408	19.11	0.209
348.1	133.514148	19.11	0.243
348.9	132.977145	19.11	0.273
351.3	131.5441627	19.1	0.247
354.4	130.0717042	19.08	0.219
359.4	128.5450401	19.06	0.219
3.908	128.0253374	19.03	0.16
5.775	128.0429241	19	0.097
0	128.4296876	18.96	0.07
220.3	157.6389568	18.92	0.066
227.8	175.6124958	18.88	0.117
245.8	164.1726616	18.83	0.144

202.5	134.5279034	20.57	0.564
196.1	130.6386087	20.46	0.448
198.7	131.9926732	20.38	0.436
201.2	133.5834127	20.33	0.367
199.2	132.2876789	20.27	0.344
197.5	131.3306282	20.22	0.364
197.6	131.3833467	20.21	0.311
179.5	128.5248214	20.24	0.249
171	131.7089882	20.27	0.176
16.02	130.6016356	20.27	0.099
15.26	130.2640744	20.26	0.099
29.71	141.3768553	20.27	0.162
51.78	188.3426407	20.33	0.198
63.25	168.4598762	20.38	0.195
56.72	182.2702144	20.43	0.209
63.1	168.7295603	20.47	0.201
48.92	178.9310187	20.5	0.236
32.74	145.1761353	20.52	0.246
15.46	130.3505142	20.54	0.295
18.6	131.9350344	20.54	0.316
27.98	139.4672059	20.55	0.288
18.27	131.748027	20.56	0.332
10.58	128.7164334	20.54	0.395
12.25	129.1656065	20.49	0.391
9.02	128.3978666	20.44	0.457
355.2	129.7583745	20.4	0.462
326.9	161.7949854	20.36	0.397
328.7	158.0363201	20.25	0.474
327.5	160.5047386	20.15	0.435
333	150.3016928	20.06	0.528
358.4	128.7691755	19.94	0.493
346.3	134.8352272	19.86	0.472
341.1	139.5939084	19.8	0.386
348.1	133.514148	19.76	0.272
326.1	163.5761126	19.72	0.199
315.4	192.5757179	19.7	0.24
300.7	160.201762	19.69	0.236
242.2	170.3906689	19.65	0.154
245.3	164.9703808	19.6	0.205
301.2	160.8957315	19.55	0.287
317.5	188.0594614	19.52	0.35
318.6	184.28627	19.51	0.371
322.8	171.7238383	19.48	0.345
323.1	170.9259926	19.46	0.334
332.6	150.9537025	19.44	0.321
331.4	152.989316	19.42	0.258
329.2	157.0502204	19.38	0.211
307.6	171.5400605	19.34	0.185
258.9	149.4409821	19.3	0.144
214.7	147.9694733	19.26	0.133
241.7	171.3461128	19.21	0.202

201.7	133.9369487	21.14	0.725	202.8	134.7576487	21.71
196	130.5924354	21.03	0.601	198.7	131.9926732	21.67
198.8	132.0507649	20.94	0.608	198.6	131.9350344	21.67
201.3	133.6531567	20.89	0.533	198.2	131.7089882	21.71
194.1	129.7960751	20.8	0.542	192.6	129.2740865	21.73
194.3	129.8727295	20.74	0.505	185.9	128.0489586	21.83
184.7	128.016195	20.76	0.425	165.4	135.5561236	21.87
158.4	142.6746234	20.82	0.346	146.2	163.3495837	21.85
150.3	154.96461	20.85	0.27	137	189.8495428	21.84
119.3	158.3536654	20.87	0.205	113.8	152.3392627	21.86
62.84	169.2018175	20.89	0.208	90.5	144.234728	21.86
68.16	160.6716761	20.92	0.281	86	145.5015641	21.86
70.03	158.1889883	20.98	0.29	78	150.1223115	21.87
75.65	152.1095855	21.01	0.308	79.93	148.7135905	21.82
70.12	158.0756578	21.04	0.294	74.6	153.0985737	21.79
69.77	158.5195028	21.04	0.296	70.02	158.2016147	21.75
61.87	171.0185998	21.05	0.354	65.62	164.4575081	21.72
51.1	185.9739218	21.06	0.368	55.58	185.1727907	21.71
41.34	159.7487809	21.09	0.427	46.04	170.7678729	21.71
40.52	158.0762727	21.11	0.442	45.37	169.0343746	21.75
41.92	160.9733845	21.17	0.436	46.22	171.2436764	21.88
31.11	143.0575785	21.26	0.453	34.62	147.8499498	21.99
21.8	134.0091067	21.27	0.494	20.22	132.9251053	22.03
19.07	132.2098817	21.19	0.499	12.05	129.1058614	21.97
9.88	128.5615018	21.17	0.544	5.883	128.0481021	21.94
354.1	130.1961465	21.14	0.523	352.6	130.8759536	21.82
324.7	166.8688935	21.05	0.454	332.7	150.7894808	21.68
326.8	162.0137796	20.9	0.523	328	159.4584123	21.49
329.1	157.2454979	20.73	0.513	329.9	155.7099409	21.3
334.7	147.6715655	20.57	0.651	332.5	151.1187431	21.09
347	134.3026158	20.37	0.638	337.2	144.1921397	20.84
344.6	136.2317817	20.27	0.675	333.3	149.8211447	20.8
338.5	142.5524154	20.24	0.546	328.9	157.6389568	20.84
342.8	137.8760949	20.22	0.451	329.5	156.470139	20.84
322	173.9118416	20.19	0.34	315.6	192.5757179	20.86
314.1	192.5757179	20.19	0.362	315.8	192.5757179	20.87
304.4	165.7885774	20.18	0.392	307.6	171.5400605	20.81
270.2	144.2908609	20.12	0.258	294.3	152.8094541	20.68
267.7	144.915171	20.04	0.269	283.1	145.4633897	20.54
305	166.7980522	19.97	0.39	304.3	165.6232794	20.45
314.9	192.5757179	19.91	0.451	312.6	192.5757179	20.4
316.2	192.5757179	19.88	0.46	314.1	192.5757179	20.37
318.9	183.2949574	19.84	0.446	317.6	187.7071962	20.32
321.1	176.4826621	19.83	0.392	319.5	181.3587702	20.28
326.5	162.6767095	19.82	0.346	325.6	164.7258126	20.23
321.7	174.7556358	19.8	0.306	322.8	171.7238383	20.18
316.8	190.5792409	19.77	0.284	317.2	189.1277069	20.12
304.8	166.4581678	19.74	0.268	308.6	173.5332689	20.07
288.1	147.9535689	19.7	0.241	303.3	164.0155381	20.01
257	150.9305587	19.65	0.209	284.5	146.0402375	19.94
270.2	144.2908609	19.6	0.275	281.6	144.9460055	19.89

0.675	214.1	147.0846926	141.4326196	Yes
0.66	214	146.9398193	137.2779814	Yes
0.717	204	135.7219305	136.7995348	Yes
0.695	194.5	129.9510588	138.0947779	Yes
0.703	185.4	128.0284797	135.2097732	Yes
0.632	172.8	130.7797169	134.7098907	Yes
0.531	150.3	154.96461	141.8757375	Yes
0.498	138.5	184.6202228	153.2799104	Yes
0.464	131.9	180.8553063	158.5869142	Yes
0.436	120.9	160.4771641	146.4746727	Yes
0.381	113.8	152.3392627	146.8848016	Yes
0.405	107.1	147.3585869	153.4288275	Yes
0.366	99.5	144.3933148	160.0906665	Yes
0.373	98.4	144.18259	152.1878503	Yes
0.37	94.6	143.8656	156.9919804	Yes
0.366	91.8	144.0375611	154.8746059	Yes
0.437	86	145.5015641	163.2028293	Yes
0.45	80.2	148.5320061	165.5868169	Yes
0.496	68.36	160.3942389	152.081036	Yes
0.553	70.8	157.2370948	151.8630919	Yes
0.554	76.24	151.5816925	158.4855374	Yes
0.485	68.53	160.1607014	146.5753553	Yes
0.519	48.28	177.0112513	143.4789171	Yes
0.553	41.04	159.1290134	137.8898959	Yes
0.542	35.3	148.8813884	134.4053704	Yes
0.555	19.09	132.2218002	131.2124194	Yes
0.494	4.821	128.0169523	147.8582847	Yes
0.539	2.099	128.1380566	147.4305361	Yes
0.54	6.957	128.1243963	146.4354018	Yes
0.778	355.6	129.6117355	141.4580818	Yes
0.906	352.4	130.9739291	134.1764176	Yes
0.785	355.3	129.7210908	135.7923567	Yes
0.673	348.5	133.2418584	140.2176045	Yes
0.62	344.9	135.9745142	138.4049415	Yes
0.51	345.4	135.5561236	159.5224938	Yes
0.512	344.2	136.5821614	170.0738126	Yes
0.488	338.4	142.6746234	160.5319318	Yes
0.407	321.6	175.0397923	159.495449	Yes
0.407	313	192.5757179	160.2046467	Yes
0.448	334.9	147.3766469	162.4300502	Yes
0.488	350.9	131.7648252	167.6979741	Yes
0.425	350	132.2876789	166.9405059	Yes
0.386	353	130.6852129	160.9910735	Yes
0.333	355.8	129.5409061	157.6760071	Yes
0.345	2.534	128.0992693	147.0001068	Yes
0.298	3.367	128.0456482	151.1079551	Yes
0.245	359.9	128.4479207	158.6496026	Yes
0.178	339.6	141.2500277	156.2422425	Yes
0.258	322	173.9118416	158.5921775	Yes
0.391	301.2	160.8957315	156.2896993	Yes
0.453	294.6	153.0985737	155.5708429	Yes

9/14/2019	20:51	18.69	0.098
9/14/2019	20:52	18.69	0.112
9/14/2019	20:53	18.7	0.133
9/14/2019	20:54	18.69	0.166
9/14/2019	20:55	18.69	0.196
9/14/2019	20:56	18.68	0.193
9/14/2019	20:57	18.66	0.139
9/14/2019	20:58	18.65	0.178
9/14/2019	20:59	18.64	0.201
9/14/2019	21:00	18.64	0.207
9/14/2019	21:01	18.64	0.156
9/14/2019	21:02	18.63	0.15
9/14/2019	21:03	18.61	0.137
9/14/2019	21:04	18.6	0.138
9/14/2019	21:05	18.58	0.181
9/14/2019	21:06	18.57	0.208
9/14/2019	21:07	18.57	0.238
9/14/2019	21:08	18.56	0.247
9/14/2019	21:09	18.55	0.207
9/14/2019	21:10	18.53	0.15
9/14/2019	21:11	18.5	0.035
9/14/2019	21:12	18.46	0.079
9/14/2019	21:13	18.42	0.167
9/14/2019	21:14	18.39	0.195
9/14/2019	21:15	18.36	0.153
9/14/2019	21:16	18.33	0.081
9/14/2019	21:17	18.3	0.138
9/14/2019	21:18	18.28	0.079
9/14/2019	21:19	18.25	0.109
9/14/2019	21:20	18.23	0.085
9/14/2019	21:21	18.2	0.033
9/14/2019	21:22	18.17	0.053
9/14/2019	21:23	18.15	0.092
9/14/2019	21:24	18.14	0.177
9/14/2019	21:25	18.15	0.188
9/14/2019	21:26	18.14	0.156
9/14/2019	21:27	18.17	0.184
9/14/2019	21:28	18.2	0.274
9/14/2019	21:29	18.23	0.262
9/14/2019	21:30	18.23	0.221
9/14/2019	21:31	18.23	0.264
9/14/2019	21:32	18.22	0.208
9/14/2019	21:33	18.22	0.163
9/14/2019	21:34	18.22	0.189
9/14/2019	21:35	18.23	0.213
9/14/2019	21:36	18.24	0.168
9/14/2019	21:37	18.23	0.129
9/14/2019	21:38	18.21	0.121
9/14/2019	21:39	18.18	0.073
9/14/2019	21:40	18.17	0.132
9/14/2019	21:41	18.17	0.157

285.2	146.3632375	18.81	0.156
299.7	158.8676643	18.81	0.169
306.7	169.8286827	18.83	0.191
316.6	191.31691	18.83	0.308
323	171.1905949	18.81	0.304
326.3	163.1241775	18.79	0.273
318.9	183.2949574	18.76	0.244
327.4	160.717127	18.73	0.263
330.2	155.1495646	18.71	0.275
325.5	164.9592071	18.69	0.298
329.6	156.2786798	18.68	0.241
337.7	143.5482783	18.67	0.213
331.4	152.989316	18.66	0.209
328.5	158.4376272	18.64	0.218
337.3	144.0620273	18.62	0.258
345.2	135.7219305	18.61	0.281
351.3	131.5441627	18.62	0.296
355.7	129.5761138	18.62	0.32
358.1	128.8442293	18.6	0.279
1.666	128.1840289	18.58	0.209
1.333	128.2243896	18.55	0.08
160.3	140.4603245	18.52	0.053
167.5	133.9369487	18.49	0.144
168.1	133.514148	18.47	0.19
146.5	162.6767095	18.47	0.228
144	168.6037636	18.47	0.161
141.9	174.1916691	18.47	0.267
133.3	184.3413566	18.48	0.166
127.8	171.9308504	18.46	0.213
118.9	157.8506504	18.46	0.174
249	159.5258496	18.45	0.053
277.5	144.0500767	18.42	0.039
285.4	146.4598058	18.38	0.116
271.1	144.1344398	18.36	0.258
278.8	144.2529947	18.36	0.333
275.2	143.8734887	18.36	0.283
301	160.6159553	18.39	0.288
319.2	182.3192244	18.41	0.449
328.6	158.2364782	18.41	0.399
330.6	154.4151969	18.4	0.313
326	163.8037704	18.37	0.376
316.4	192.0626612	18.34	0.37
332.5	151.1187431	18.31	0.262
340	140.7951122	18.29	0.265
337.3	144.0620273	18.29	0.317
349.5	132.5941263	18.29	0.212
13.86	129.7062939	18.27	0.155
32.01	144.205188	18.25	0.161
66.01	163.8436251	18.22	0.118
83.5	146.6082498	18.21	0.208
55.77	184.67753	18.22	0.255

264.1	146.3156694	19.18	0.236
273.8	143.8796248	19.16	0.279
272.5	143.962286	19.16	0.39
286.9	147.2455367	19.15	0.43
293.5	152.0640803	19.12	0.397
295.1	153.5922617	19.09	0.347
288.6	148.2698482	19.05	0.314
296.1	154.6247674	19.02	0.337
297.3	155.945431	18.99	0.359
294.3	152.8094541	18.98	0.377
297.9	156.6401729	18.98	0.337
304.5	165.9547117	18.97	0.293
300.2	159.5258496	18.96	0.286
297.4	156.0596058	18.95	0.306
305.5	167.6628412	18.95	0.377
313.8	192.5757179	18.97	0.411
321.5	175.3254093	19	0.423
328	159.4584123	19.03	0.406
330.4	154.7805667	19.05	0.369
336.8	144.7193684	19.05	0.298
334.3	148.2703958	19.04	0.171
136.9	190.2134023	19.01	0.047
146.4	162.8998881	18.97	0.074
141.7	174.7556358	18.92	0.094
124	165.1323684	18.88	0.145
112	150.7645356	18.86	0.101
114.7	153.1961245	18.84	0.251
108.9	148.4657012	18.83	0.249
97.7	144.0764313	18.82	0.196
91.7	144.0500767	18.82	0.213
116.2	154.7313813	18.8	0.074
246.7	162.7870502	18.77	0.02
253.5	154.2044642	18.73	0.07
246.5	163.0894665	18.69	0.21
251	156.9963458	18.68	0.361
251.9	155.945431	18.69	0.345
270.6	144.2169051	18.71	0.479
287.4	147.531862	18.73	0.485
297.7	156.4059988	18.73	0.46
301.8	161.7528127	18.69	0.363
295.7	154.2044642	18.64	0.396
291.4	150.2796092	18.6	0.36
303.9	164.9703808	18.56	0.264
308.2	172.724134	18.54	0.292
309.9	176.2761595	18.53	0.343
320.2	179.1755005	18.53	0.258
349.6	132.5319155	18.51	0.153
0.378	128.3643446	18.49	0.167
25.6	137.1236975	18.47	0.131
45.57	169.5457166	18.45	0.197
30.22	141.974721	18.45	0.261

274.1	143.8710782	19.57	0.301	277.8	144.0902707	19.85
271.4	144.0902707	19.54	0.297	273.4	143.897159	19.82
268.5	144.6848135	19.52	0.322	267.6	144.9460055	19.79
286.4	146.9714914	19.47	0.494	284.8	146.17582	19.73
292	150.7645356	19.42	0.504	289.5	148.8712346	19.76
291.3	150.2006904	19.39	0.449	290.5	149.5886665	19.77
288.2	148.0158154	19.34	0.385	286.7	147.1344513	19.72
292.2	150.9305587	19.31	0.423	291.5	150.3590693	19.71
294.3	152.8094541	19.28	0.446	294.1	152.6196347	19.7
293.9	152.4321413	19.27	0.472	294.4	152.9052402	19.71
296.5	155.0549457	19.29	0.455	297.9	156.6401729	19.79
298.8	157.7265948	19.31	0.427	300.6	160.0651457	19.88
296.3	154.8386144	19.3	0.386	297.7	156.4059988	19.87
293.7	152.2469608	19.29	0.399	294.3	152.8094541	19.84
299.8	158.9978987	19.3	0.485	298.5	157.3584661	19.86
308.7	173.7380647	19.33	0.517	305.8	168.1922038	19.84
315.2	192.5757179	19.37	0.552	309.4	175.2003149	19.82
319.8	180.4133026	19.38	0.533	314.9	192.5757179	19.77
320.7	177.6640101	19.39	0.489	315	192.5757179	19.74
328.9	157.6389568	19.4	0.411	320	179.7911758	19.72
316.3	192.4386028	19.4	0.292	316.9	190.2134023	19.72
319.5	181.3587702	19.39	0.151	326.4	162.8998881	19.69
172.8	130.7797169	19.36	0.044	291.4	150.2796092	19.64
158.5	142.5524154	19.31	0.037	170.2	132.1683105	19.58
117.4	156.0596058	19.27	0.067	88.2	144.7678047	19.54
105.3	146.4112828	19.22	0.061	27.35	138.8157288	19.49
110.5	149.5886665	19.17	0.183	92	144.0138522	19.45
109.5	148.8712346	19.12	0.198	104.6	146.0849588	19.4
94.7	143.8658191	19.1	0.251	81.1	147.9535689	19.36
80.1	148.5988232	19.07	0.218	51.31	186.6962522	19.34
93	143.9217129	19.05	0.159	41.34	159.7487809	19.34
0	128.4296876	19.02	0.118	19.27	132.3298899	19.3
268.6	144.6580519	18.98	0.119	323.5	169.8808638	19.27
247.6	161.4641376	18.95	0.153	256.6	151.2692438	19.24
249.2	159.2604663	18.94	0.323	241.7	171.3461128	19.22
252.6	155.1640479	18.95	0.393	244.8	165.7885774	19.21
269.6	144.4151432	18.97	0.401	267.8	144.8847909	19.22
280.9	144.7396894	19.01	0.503	277	143.9919054	19.23
297.5	156.1744239	19.01	0.54	293.9	152.4321413	19.27
300.5	159.929249	18.96	0.432	297	155.6067462	19.22
297.8	156.5227599	18.89	0.489	294.6	153.0985737	19.18
293.5	152.0640803	18.84	0.485	293.9	152.4321413	19.15
306.1	168.7295603	18.8	0.393	302.7	163.0894665	19.1
310.7	178.0537144	18.77	0.38	305.9	168.3704292	19.04
312.4	192.5757179	18.76	0.424	310.7	178.0537144	19
318.2	185.6327901	18.75	0.313	316.1	192.5757179	18.97
344.9	135.9745142	18.74	0.239	334.4	148.1195561	18.94
352	131.1751217	18.72	0.246	332.8	150.6260744	18.92
5.615	128.0360899	18.7	0.202	352.9	130.7322487	18.89
30.25	142.010398	18.68	0.278	5.918	128.0498778	18.85
16.78	130.9640531	18.67	0.349	358.3	128.7937914	18.83

0.453	291.4	150.2796092	146.183973	Yes
0.479	289.9	149.1519294	147.9773297	Yes
0.535	283.2	145.5015641	149.7846704	Yes
0.733	295.5	153.9979779	157.1415472	Yes
0.787	299.7	158.8676643	156.351622	Yes
0.699	298.9	157.8506504	154.8712893	Yes
0.688	295.6	154.1009172	156.1631979	Yes
0.717	301.5	161.3209223	155.5904889	Yes
0.707	302.7	163.0894665	155.9227102	Yes
0.732	304.7	166.2895033	157.8791092	Yes
0.705	308.1	172.5243387	159.427662	Yes
0.656	309.6	175.6274687	160.5844398	Yes
0.61	303.4	164.1726616	157.5864881	Yes
0.621	302	162.0444998	156.3196295	Yes
0.701	303.1	163.7036852	158.3569837	Yes
0.725	305.8	168.1922038	167.6840241	Yes
0.692	310.4	177.3788901	170.404899	Yes
0.672	314.9	192.5757179	170.9198529	Yes
0.585	319.6	181.0419634	166.9812975	Yes
0.497	334.8	147.5237341	151.5714528	Yes
0.38	347.9	133.6531567	158.5599894	Yes
0.251	7.939	128.2336892	160.6332149	Yes
0.156	19.03	132.1860994	142.0164525	Yes
0.131	49.54	180.8526741	152.7686368	Yes
0.185	65.51	164.632869	158.6538715	Yes
0.151	52.84	192.2127912	159.3616204	Yes
0.276	83.1	146.8129126	153.560645	Yes
0.232	93.4	143.897159	154.332082	Yes
0.313	74.38	153.3139666	152.2281273	Yes
0.375	41.7	160.5047386	159.5401082	Yes
0.316	18.84	132.0741286	150.0003707	Yes
0.282	4.335	128.0173693	139.1228147	Yes
0.23	334.7	147.6715655	152.5749502	Yes
0.297	302.3	162.4877295	156.4890034	Yes
0.393	264.9	145.9522103	155.561626	Yes
0.477	260.4	148.3999072	153.8342904	Yes
0.616	271	144.1500472	147.6565683	Yes
0.764	284.7	146.1301527	152.9425668	Yes
0.819	299.5	158.6092822	156.3716649	Yes
0.738	298.5	157.3584661	157.8124942	Yes
0.843	299	157.9753829	157.1209902	Yes
0.807	298.2	156.9963458	160.7669676	Yes
0.675	301.3	161.0367221	161.7889746	Yes
0.613	302.8	163.2418433	164.6370466	Yes
0.605	306.6	169.6432085	172.1221655	Yes
0.462	311.3	179.4337369	173.8823744	Yes
0.319	318.7	183.9540825	146.0572725	Yes
0.323	323.3	170.4007875	144.9543032	Yes
0.219	346.8	134.4523139	138.837595	Yes
0.29	3.096	128.0601173	142.8548719	Yes
0.406	359.6	128.5050003	142.9830192	Yes

9/14/2019	21:42	18.15	0.127
9/14/2019	21:43	18.15	0.158
9/14/2019	21:44	18.13	0.112
9/14/2019	21:45	18.11	0.125
9/14/2019	21:46	18.09	0.075
9/14/2019	21:47	18.06	0.053
9/14/2019	21:48	18.04	0.086
9/14/2019	21:49	18.01	0.043
9/14/2019	21:50	17.99	0.017
9/14/2019	21:51	17.96	0.017
9/14/2019	21:52	17.93	0.031
9/14/2019	21:53	17.91	0.107
9/14/2019	21:54	17.89	0.159
9/14/2019	21:55	17.87	0.133
9/14/2019	21:56	17.85	0.174
9/14/2019	21:57	17.86	0.154
9/14/2019	21:58	17.87	0.097
9/14/2019	21:59	17.87	0.072
9/14/2019	22:00	17.88	0.071
9/14/2019	22:01	17.91	0.127
9/14/2019	22:02	17.94	0.138
9/14/2019	22:03	17.97	0.158
9/14/2019	22:04	17.98	0.158
9/14/2019	22:05	17.98	0.133
9/14/2019	22:06	17.98	0.161
9/14/2019	22:07	17.98	0.204
9/14/2019	22:08	17.99	0.176
9/14/2019	22:09	18	0.162
9/14/2019	22:10	18.02	0.131
9/14/2019	22:11	18.04	0.127
9/14/2019	22:12	18.06	0.112
9/14/2019	22:13	18.07	0.133
9/14/2019	22:14	18.08	0.139
9/14/2019	22:15	18.09	0.128
9/14/2019	22:16	18.12	0.235
9/14/2019	22:17	18.16	0.311
9/14/2019	22:18	18.22	0.201
9/14/2019	22:19	18.22	0.042
9/14/2019	22:20	18.22	0.038
9/14/2019	22:21	18.23	0.092
9/14/2019	22:22	18.28	0.211
9/14/2019	22:23	18.3	0.163
9/14/2019	22:24	18.31	0.206
9/14/2019	22:25	18.34	0.253
9/14/2019	22:26	18.38	0.287
9/14/2019	22:27	18.42	0.167
9/14/2019	22:28	18.45	0.191
9/14/2019	22:29	18.47	0.124
9/14/2019	22:30	18.47	0.1
9/14/2019	22:31	18.46	0.145
9/14/2019	22:32	18.49	0.167

53.39	191.2343647	18.2	0.221
95	143.869106	18.2	0.274
129.1	174.5674412	18.19	0.217
153.1	150.1407104	18.17	0.215
172.2	131.0736496	18.15	0.132
176.5	129.3060009	18.13	0.095
178.9	128.6521114	18.11	0.116
174.6	129.9908531	18.09	0.074
0	128.4296876	18.06	0.044
0	128.4296876	18.04	0.036
47	173.356455	18.01	0.03
36.33	150.512173	17.99	0.131
39.81	156.6818387	17.96	0.24
51.16	186.1794758	17.94	0.272
47.1	173.6334397	17.92	0.307
53.24	191.6744707	17.92	0.258
61.57	171.5984325	17.93	0.19
70	158.226888	17.93	0.123
104.4	145.9959883	17.94	0.146
92.3	143.9815923	17.98	0.203
84	146.3632375	18.03	0.26
73.41	154.2981778	18.07	0.274
60.67	173.3905128	18.09	0.252
45.34	168.9581165	18.09	0.246
51.74	188.2008987	18.08	0.268
47	173.356455	18.08	0.363
46.84	172.916206	18.07	0.284
67.92	161.008465	18.07	0.241
82.6	147.0796431	18.09	0.258
87.8	144.8847909	18.11	0.23
108.2	148.0158154	18.13	0.206
145.6	164.7258126	18.15	0.22
150.1	155.335435	18.18	0.241
150.7	154.2338617	18.22	0.236
124.8	166.4581678	18.28	0.432
81	148.0158154	18.35	0.521
125.9	168.3704292	18.41	0.353
135.4	190.048269	18.43	0.061
345.3	135.6387698	18.42	0.062
306.7	169.8286827	18.41	0.169
323.2	170.6627261	18.42	0.318
344.9	135.9745142	18.43	0.234
343.2	137.4955162	18.43	0.281
344.3	136.4937737	18.44	0.386
333	150.3016928	18.46	0.411
309.6	175.6274687	18.5	0.33
316.6	191.31691	18.52	0.331
333.1	150.1407104	18.54	0.197
25.77	137.280657	18.54	0.126
5.861	128.0470104	18.52	0.187
320.4	178.5661959	18.54	0.261

34.94	148.3309443	18.45	0.25
71.39	156.5344718	18.44	0.264
91.6	144.0630334	18.43	0.232
120.1	159.3928048	18.41	0.142
135.5	190.3353042	18.39	0.134
137.9	186.6616714	18.37	0.085
143.2	170.6627261	18.35	0.088
142.3	173.0808789	18.33	0.082
131.3	179.4337369	18.31	0.061
118.3	157.1163888	18.29	0.054
38.43	154.1074593	18.27	0.051
20.59	133.16831	18.26	0.136
19.89	132.7136026	18.27	0.25
28.28	139.7855454	18.27	0.333
30.18	141.92724	18.29	0.401
35.49	149.1759312	18.32	0.361
38.98	155.1125005	18.32	0.253
47	173.356455	18.32	0.154
57	181.5820782	18.32	0.186
57.49	180.4005691	18.33	0.236
56.36	183.169119	18.34	0.251
47.3	174.1916691	18.35	0.307
40.17	157.3827668	18.36	0.325
26.1	137.5898354	18.36	0.375
31.45	143.4848082	18.37	0.378
30.47	142.2737719	18.39	0.472
31.03	142.9581539	18.4	0.426
42.31	161.8168161	18.4	0.32
53.01	192.3558169	18.4	0.294
54.74	187.4194953	18.4	0.278
66.18	163.5798334	18.41	0.236
102.8	145.3516416	18.42	0.205
109.6	148.9406289	18.44	0.216
107	147.3018158	18.48	0.26
89.8	144.3719327	18.54	0.477
57.86	179.5272014	18.63	0.663
85.6	145.6589028	18.7	0.418
99.2	144.3305061	18.7	0.111
4.1	128.0208746	18.7	0.119
292.2	150.9305587	18.7	0.153
295.4	153.8956445	18.71	0.35
319.5	181.3587702	18.73	0.311
319.3	181.9973899	18.72	0.344
318.8	183.6236488	18.73	0.5
306.5	169.4586546	18.77	0.505
283.4	145.579304	18.8	0.468
287.7	147.7095994	18.82	0.419
303.4	164.1726616	18.83	0.264
357.9	128.8962779	18.83	0.161
342.9	137.780123	18.83	0.227
299.3	158.3536654	18.88	0.339

24.65	136.2751178	18.67	0.336	14.29	129.868857	18.82
63.31	168.3525666	18.67	0.348	43.3	164.0325631	18.82
72.55	155.2188339	18.66	0.285	47.16	173.8003102	18.81
99.4	144.3719327	18.63	0.203	63.9	167.3143222	18.8
115.7	154.2044642	18.61	0.142	69.8	158.4811294	18.79
100.9	144.7396894	18.6	0.127	43.81	165.2172884	18.78
114.4	152.9052402	18.59	0.104	45.1	168.3521774	18.77
118.2	156.9963458	18.58	0.093	49.85	181.8371059	18.76
108.9	148.4657012	18.57	0.086	56.28	183.3710664	18.76
107.4	147.531862	18.55	0.086	65.09	165.3115047	18.76
60.04	174.693267	18.53	0.12	38.27	153.820177	18.75
32.82	145.2847738	18.53	0.254	21.3	133.6531567	18.74
25.47	137.0047246	18.54	0.371	15.12	130.2045781	18.74
23.83	135.5808635	18.56	0.462	15.77	130.487868	18.75
27.48	138.9482874	18.59	0.545	14	129.7583745	18.76
27.5	138.968767	18.61	0.544	12.18	129.1445104	18.81
27.57	139.0406267	18.63	0.406	16.6	130.8759536	18.82
38.25	153.7844263	18.62	0.288	23.25	135.1107029	18.8
41.32	159.7071766	18.61	0.344	22	134.1548834	18.79
43.34	164.1243993	18.61	0.341	27.32	138.7852757	18.77
44.65	167.2355419	18.6	0.36	29.05	140.6270372	18.75
37.82	153.0242795	18.6	0.438	22.43	134.4749388	18.76
30.9	142.7974765	18.61	0.499	17.12	131.1343223	18.78
20.4	133.042617	18.62	0.5	7.849	128.2220965	18.83
22.03	134.1769183	18.65	0.536	9.12	128.4153865	18.88
23.93	135.6636639	18.69	0.611	9.58	128.5010838	18.93
24.78	136.3884073	18.71	0.563	14.07	129.7847211	18.98
34.68	147.9395472	18.71	0.464	23.6	135.3923691	18.98
42.02	161.1880983	18.69	0.46	28.05	139.5410133	18.96
43.89	165.405875	18.68	0.445	28.23	139.7321218	18.97
48.94	178.9920439	18.69	0.391	29.31	140.9192372	19
79.05	149.3316031	18.71	0.277	52.04	189.2714503	19.02
86.6	145.2794496	18.73	0.293	58.12	178.922972	19.05
82.9	146.9181461	18.76	0.327	58.7	177.6027217	19.08
77.35	150.6414613	18.82	0.574	58.88	177.2006189	19.14
54.79	187.2831072	18.93	0.847	44.83	167.6791732	19.3
74.24	153.4525299	19.02	0.55	61.71	171.3267708	19.41
68.16	160.6716761	19.02	0.218	55.14	186.3378795	19.38
35.6	149.347741	19.01	0.194	28.07	139.5621538	19.36
313.3	192.5757179	19.01	0.159	337.7	143.5482783	19.36
301.8	161.7528127	19	0.316	310.6	177.8276612	19.34
324.2	168.1018522	19.02	0.464	325	166.1438025	19.33
326.7	162.2336611	19.01	0.547	328.4	158.6397721	19.37
322.5	172.5339195	19.06	0.672	324.6	167.1130196	19.49
305.3	167.3143222	19.13	0.615	306.7	169.8286827	19.52
283.9	145.7817973	19.15	0.558	287	147.3018158	19.52
289.3	148.733998	19.16	0.488	292.8	151.441929	19.51
303.7	164.6488595	19.16	0.326	309.6	175.6274687	19.49
344.9	135.9745142	19.16	0.272	337.6	143.6757156	19.48
337.5	143.8038178	19.17	0.382	328.6	158.2364782	19.49
306.2	168.9104738	19.21	0.429	311.4	179.6677453	19.55

0.372	18.82	132.0624377	147.5543443	Yes
0.344	47.14	173.7446299	161.3066675	Yes
0.301	55.5	185.382728	166.6064694	Yes
0.21	68.73	159.8886199	156.221678	Yes
0.157	73.21	154.5082048	157.7205504	Yes
0.105	74.97	152.7427519	155.7334804	Yes
0.084	76.49	151.3639436	154.3872397	Yes
0.111	54.78	187.3103575	165.8431083	Yes
0.159	34.37	147.4795299	157.4359444	Yes
0.129	31.69	143.7909776	148.4360842	Yes
0.149	26.43	137.9049945	158.7764706	Yes
0.272	28.13	139.6257157	140.4488259	Yes
0.436	31.05	142.982971	139.917543	Yes
0.545	29.15	140.7389354	146.5545376	Yes
0.72	23.7	135.4739906	143.9482664	Yes
0.747	22.33	134.3996953	148.6726749	Yes
0.499	27.65	139.1230976	147.1501222	Yes
0.408	29.12	140.7053022	152.2367549	Yes
0.451	30.55	142.3703076	152.7620868	Yes
0.421	35.85	149.7417505	155.4067174	Yes
0.528	35.67	149.4575678	157.3705007	Yes
0.615	31.03	142.9581539	151.7894438	Yes
0.717	24.98	136.5644414	148.253904	Yes
0.775	18.7	131.9926732	139.9610677	Yes
0.748	20.02	132.7963156	145.4148655	Yes
0.83	21.65	133.9010517	142.7392053	Yes
0.83	25.48	137.013844	143.8122665	Yes
0.673	32.1	144.3229273	150.0960249	Yes
0.647	34.72	147.9994294	157.6328002	Yes
0.627	35.48	149.160359	157.3205284	Yes
0.583	38.8	154.7805667	157.2574993	Yes
0.463	51.72	188.130142	167.3621299	Yes
0.498	55.82	184.5479751	162.6052921	Yes
0.501	57.52	180.3291586	161.2771408	Yes
0.761	60.1	174.5674412	162.6479244	Yes
1.166	52.9	192.4386028	174.98878	Yes
0.799	64.83	165.7389003	160.9095066	Yes
0.46	60.83	173.0660621	170.8908786	Yes
0.372	56.97	181.6553512	146.8449781	Yes
0.223	25.22	136.7784863	158.7323448	Yes
0.321	327.1	161.3606366	165.0998962	Yes
0.552	336	145.8069274	159.4771733	Yes
0.73	342.6	138.0697036	155.6872086	Yes
0.778	337.1	144.3229273	160.8174578	Yes
0.71	314.8	192.5757179	169.895814	Yes
0.744	303.2	163.8592137	155.6299199	Yes
0.711	306.2	168.9104738	161.6225821	Yes
0.516	316.3	192.4386028	169.4056606	Yes
0.44	337.2	144.1921397	138.0038609	Yes
0.558	344.4	136.4059155	140.854669	Yes
0.578	326.6	162.4546358	169.5905433	Yes

9/14/2019	22:33	18.52	0.133
9/14/2019	22:34	18.54	0.108
9/14/2019	22:35	18.54	0.081
9/14/2019	22:36	18.55	0.158
9/14/2019	22:37	18.57	0.174
9/14/2019	22:38	18.59	0.165
9/14/2019	22:39	18.6	0.165
9/14/2019	22:40	18.59	0.129
9/14/2019	22:41	18.57	0.109
9/14/2019	22:42	18.56	0.051
9/14/2019	22:43	18.54	0.08
9/14/2019	22:44	18.52	0.093
9/14/2019	22:45	18.51	0.088
9/14/2019	22:46	18.49	0.1
9/14/2019	22:47	18.47	0.172
9/14/2019	22:48	18.47	0.226
9/14/2019	22:49	18.47	0.189
9/14/2019	22:50	18.46	0.259
9/14/2019	22:51	18.45	0.242
9/14/2019	22:52	18.42	0.248
9/14/2019	22:53	18.39	0.312
9/14/2019	22:54	18.35	0.284
9/14/2019	22:55	18.31	0.225
9/14/2019	22:56	18.26	0.168
9/14/2019	22:57	18.22	0.118
9/14/2019	22:58	18.18	0.101
9/14/2019	22:59	18.15	0.13
9/14/2019	23:00	18.12	0.127
9/14/2019	23:01	18.1	0.045
9/14/2019	23:02	18.07	0.049
9/14/2019	23:03	18.05	0.05
9/14/2019	23:04	18.02	0.088
9/14/2019	23:05	18	0.092
9/14/2019	23:06	17.98	0.065
9/14/2019	23:07	17.95	0.113
9/14/2019	23:08	17.94	0.086
9/14/2019	23:09	17.92	0.078
9/14/2019	23:10	17.91	0.083
9/14/2019	23:11	17.9	0.095
9/14/2019	23:12	17.9	0.162
9/14/2019	23:13	17.91	0.175
9/14/2019	23:14	17.92	0.182
9/14/2019	23:15	17.92	0.179
9/14/2019	23:16	17.91	0.203
9/14/2019	23:17	17.9	0.205
9/14/2019	23:18	17.89	0.186
9/14/2019	23:19	17.87	0.161
9/14/2019	23:20	17.87	0.107
9/14/2019	23:21	17.85	0.104
9/14/2019	23:22	17.84	0.185
9/14/2019	23:23	17.83	0.193

291	149.967168	18.58	0.205
291.3	150.2006904	18.62	0.151
323.3	170.4007875	18.64	0.161
331.9	152.1263931	18.65	0.22
338.5	142.5524154	18.66	0.233
332.7	150.7894808	18.66	0.227
313.3	192.5757179	18.66	0.275
306.5	169.4586546	18.66	0.255
295.1	153.5922617	18.63	0.177
323.2	170.6627261	18.61	0.101
339.1	141.8325805	18.58	0.115
294.5	153.0016129	18.56	0.149
304.2	165.4588142	18.55	0.154
254.4	153.294267	18.54	0.167
222.3	161.7949854	18.53	0.225
217	151.6188155	18.53	0.317
202.9	134.8352272	18.54	0.324
191.8	129.0334674	18.55	0.374
189.1	128.4118509	18.55	0.358
183.9	128.0255546	18.53	0.49
174.7	129.9510588	18.49	0.497
167.8	133.7233811	18.44	0.473
171.8	131.2783518	18.38	0.382
193.4	129.5409061	18.32	0.344
206.6	138.0697036	18.27	0.301
202.9	134.8352272	18.22	0.238
170.2	132.1683105	18.19	0.153
185.9	128.0489586	18.16	0.222
210.3	142.0699862	18.13	0.103
175.4	129.6842235	18.1	0.115
123.8	164.8092124	18.07	0.067
20.35	133.0098223	18.05	0.094
303.6	164.489319	18.02	0.128
221	159.0470698	17.99	0.126
211.5	143.5482783	17.98	0.164
172.5	130.9247236	17.97	0.144
176.6	129.2740865	17.96	0.122
155.8	146.0858429	17.95	0.128
129.7	175.8426324	17.95	0.142
100	144.5069269	17.97	0.247
109.3	148.733998	18.02	0.314
118.8	157.7265948	18.08	0.381
119.5	158.6092822	18.1	0.366
121.7	161.6081001	18.09	0.412
106.6	147.0796431	18.08	0.384
99	144.2908609	18.06	0.319
101.2	144.8253918	18.03	0.266
78.22	149.9517718	18.01	0.178
48.41	177.3960752	17.99	0.217
17.16	131.1546868	17.96	0.349
359.8	128.4665503	17.93	0.374

273	143.9217129	18.92	0.343
268.8	144.6058796	18.95	0.314
288.7	148.3346233	18.98	0.265
299.2	158.226888	18.99	0.321
306.2	168.9104738	19	0.316
300.8	160.3391006	19	0.316
286.4	146.9714914	18.99	0.338
281.4	144.8847909	18.94	0.378
270.8	144.18259	18.9	0.234
289.6	148.9406289	18.85	0.156
303.4	164.1726616	18.81	0.15
273.1	143.914916	18.79	0.256
274.1	143.8710782	18.77	0.262
240.3	174.1507045	18.76	0.219
213.6	146.3676144	18.74	0.253
204.8	136.4059155	18.73	0.33
192.6	129.2740865	18.74	0.34
177.3	129.0621204	18.75	0.371
170.8	131.8211113	18.76	0.431
161.9	138.7650022	18.74	0.544
150.8	154.0534207	18.7	0.539
146.3	163.1241775	18.62	0.5
148.7	158.0363201	18.54	0.381
165.2	135.7219305	18.46	0.353
174.4	130.0717042	18.39	0.344
175.7	129.5761138	18.34	0.262
152.1	151.7871691	18.3	0.167
161.6	139.0715101	18.26	0.236
168.4	133.3092177	18.23	0.166
162.3	138.3643054	18.2	0.154
125.3	167.3143222	18.18	0.096
0.252	128.3854974	18.15	0.049
268.9	144.580468	18.13	0.115
191.8	129.0334674	18.11	0.164
191.8	129.0334674	18.1	0.192
156.4	145.2575724	18.1	0.164
162.3	138.3643054	18.1	0.157
146.2	163.3495837	18.12	0.157
117.2	155.8318976	18.12	0.136
79.37	149.1022066	18.14	0.152
80.9	148.0785655	18.18	0.198
94.5	143.8658191	18.25	0.226
106.9	147.2455367	18.29	0.375
107.1	147.3585869	18.31	0.395
93.8	143.8796248	18.32	0.304
89.6	144.4151432	18.29	0.234
81.4	147.7698413	18.25	0.23
49.77	181.5815251	18.22	0.206
16.6	130.8759536	18.19	0.198
354.5	130.0310681	18.17	0.321
338.2	142.9209771	18.15	0.365

279.3	144.3509966	19.25	0.368	289.6	148.9406289	19.6
276.9	143.9815923	19.29	0.367	287.7	147.7095994	19.65
282.2	145.1405816	19.31	0.336	286.4	146.9714914	19.65
292.1	150.8472717	19.32	0.387	296	154.5187706	19.62
301.3	161.0367221	19.31	0.361	303.4	164.1726616	19.6
297.5	156.1744239	19.3	0.34	300.3	159.6596036	19.57
284.9	146.2219614	19.26	0.32	284.9	146.2219614	19.48
279.7	144.4374183	19.18	0.37	281.4	144.8847909	19.39
276	143.9085582	19.11	0.258	277.6	144.0630334	19.3
291.4	150.2796092	19.05	0.225	289.1	148.5988232	19.24
302.4	162.6370044	19.01	0.209	294.4	152.9052402	19.25
273	143.9217129	19	0.21	269.5	144.4374183	19.33
269.7	144.3933148	18.99	0.182	261	148.0158154	19.36
248.7	159.929249	18.98	0.241	237.8	179.6677453	19.37
219.7	156.470139	18.97	0.293	214.9	148.2703958	19.36
208.5	140.0223639	18.96	0.378	203.7	135.4739906	19.33
195.1	130.1961465	18.96	0.403	196.1	130.6386087	19.29
183.1	128.0598829	18.96	0.458	186.3	128.0723698	19.26
175.5	129.6477719	18.98	0.551	177.5	129.00522	19.24
166	135.0709716	18.98	0.691	173.4	130.5013785	19.23
153.2	149.9805289	18.97	0.74	156.6	144.9870876	19.23
148.2	159.0470698	18.87	0.652	149.7	156.0881634	19.19
149.4	156.6625457	18.76	0.548	150.2	155.1495646	19.1
161.9	138.7650022	18.65	0.491	160.1	140.6829105	18.94
170.2	132.1683105	18.56	0.457	168	133.5834127	18.83
174.4	130.0717042	18.5	0.347	171.4	131.490113	18.75
155.2	146.9398193	18.46	0.224	159	141.9509679	18.69
158.3	142.7974765	18.42	0.322	155.8	146.0858429	18.64
163.6	137.1236975	18.38	0.225	159.2	141.7148217	18.6
156.1	145.6685335	18.36	0.208	154.1	148.5743588	18.56
147	161.577273	18.34	0.09	128.8	173.943875	18.54
13.49	129.5725744	18.31	0.035	326.9	161.7949854	18.51
240.3	174.1507045	18.29	0.133	236.2	183.5738179	18.48
187.8	128.2159189	18.27	0.195	187.9	128.2286266	18.46
187	128.1283904	18.27	0.255	188.8	128.3607156	18.46
167.8	133.7233811	18.29	0.206	174	130.2384741	18.47
173.5	130.4564935	18.3	0.213	177.3	129.0621204	18.47
160.6	140.1309578	18.32	0.201	164	136.7605319	18.49
137.2	189.1277069	18.33	0.152	138.4	184.9559525	18.5
87.8	144.8847909	18.34	0.17	105.1	146.3156694	18.51
83.1	146.8129126	18.37	0.228	94.4	143.8664765	18.52
93.5	143.8921176	18.41	0.324	94.3	143.8675721	18.55
112	150.7645356	18.45	0.438	113.3	151.8834871	18.58
109.4	148.802358	18.49	0.493	102.8	145.3516416	18.62
95.2	143.8734887	18.53	0.5	93.2	143.9085582	18.66
91.1	144.1344398	18.52	0.381	91.1	144.1344398	18.7
86	145.5015641	18.47	0.327	87.8	144.8847909	18.68
63.03	168.856105	18.44	0.253	68.78	159.8210479	18.66
34.22	147.2595109	18.4	0.241	34.77	148.0744519	18.63
4.535	128.0160824	18.38	0.357	1.688	128.1815158	18.61
346.7	134.5279034	18.36	0.428	350	132.2876789	18.59

0.544	313.1	192.5757179	155.9512448	Yes
0.55	305.1	166.9692794	150.6934082	Yes
0.519	304.9	166.6276829	155.4950333	Yes
0.556	309.6	175.6274687	158.2693584	Yes
0.516	313.2	192.5757179	165.8495981	Yes
0.44	304.2	165.4588142	158.4842846	Yes
0.486	294.3	152.8094541	156.9601172	Yes
0.567	290	149.2234061	150.5778122	Yes
0.484	286.2	146.8652868	146.522346	Yes
0.436	292.1	150.8472717	153.8658118	Yes
0.415	304.7	166.2895033	157.567398	Yes
0.418	297.4	156.0596058	148.2670532	Yes
0.443	279.9	144.4833098	149.2444665	Yes
0.418	273.5	143.8921176	162.1868167	Yes
0.415	247.6	161.4641376	154.8734544	Yes
0.449	229	179.1755005	148.5393172	Yes
0.437	218.9	154.96461	135.9817358	Yes
0.462	205.8	137.3085186	130.3072718	Yes
0.527	192.2	129.1505175	129.6072943	Yes
0.683	190.3	128.6521114	132.2030036	Yes
0.826	170.7	131.8778474	142.1699887	Yes
0.849	162.3	138.3643054	150.0694194	Yes
0.804	159.9	140.9079226	148.406941	Yes
0.688	169.8	132.4088779	135.4239254	Yes
0.667	176	129.4717308	132.6729724	Yes
0.571	177.4	129.0334674	131.0013251	Yes
0.393	170.9	131.7648252	140.9222184	Yes
0.48	165.2	135.7219305	138.3451437	Yes
0.421	169.1	132.8476073	137.4130661	Yes
0.395	169.5	132.5941263	138.9771095	Yes
0.26	167.2	134.1548834	160.3599132	Yes
0.043	178.6	128.7211479	136.2968055	Yes
0.22	210	141.7148217	161.7018262	Yes
0.285	189.5	128.4855767	134.6021319	Yes
0.297	192	129.0911795	131.6324062	Yes
0.24	183.3	128.0489586	133.638622	Yes
0.228	187.4	128.1690162	131.0652044	Yes
0.217	174.3	130.1127622	143.2879357	Yes
0.201	164.2	136.5821614	168.4680702	Yes
0.21	142.3	173.0808789	151.5780945	Yes
0.253	126.9	170.2024087	151.5388723	Yes
0.367	118.1	156.8769637	149.2458135	Yes
0.471	121.2	160.8957315	153.8797146	Yes
0.571	118.7	157.6032138	152.1447801	Yes
0.595	111.6	150.439072	145.8360773	Yes
0.542	111.7	150.5196185	145.4989005	Yes
0.413	101	144.7678047	145.5498786	Yes
0.38	87.1	145.1070106	161.0634921	Yes
0.337	61.55	171.6373954	155.0486774	Yes
0.368	28.21	139.7107935	131.4188293	Yes
0.468	13.2	129.4717308	133.5349681	Yes

9/14/2019	23:24	17.82	0.188
9/14/2019	23:25	17.82	0.157
9/14/2019	23:26	17.83	0.164
9/14/2019	23:27	17.85	0.17
9/14/2019	23:28	17.89	0.196
9/14/2019	23:29	17.92	0.175
9/14/2019	23:30	17.94	0.088
9/14/2019	23:31	17.94	0.074
9/14/2019	23:32	17.94	0.088
9/14/2019	23:33	17.94	0.075
9/14/2019	23:34	17.95	0.071
9/14/2019	23:35	17.95	0.084
9/14/2019	23:36	17.95	0.136
9/14/2019	23:37	17.97	0.21
9/14/2019	23:38	17.99	0.243
9/14/2019	23:39	18	0.198
9/14/2019	23:40	18	0.198
9/14/2019	23:41	18.01	0.217
9/14/2019	23:42	18.02	0.263
9/14/2019	23:43	18.04	0.251
9/14/2019	23:44	18.04	0.216
9/14/2019	23:45	18.04	0.199
9/14/2019	23:46	18.04	0.153
9/14/2019	23:47	18.02	0.125
9/14/2019	23:48	18.01	0.117
9/14/2019	23:49	17.99	0.118
9/14/2019	23:50	17.96	0.102
9/14/2019	23:51	17.94	0.059
9/14/2019	23:52	17.92	0.062
9/14/2019	23:53	17.89	0.062
9/14/2019	23:54	17.87	0.118
9/14/2019	23:55	17.85	0.052
9/14/2019	23:56	17.83	0.092
9/14/2019	23:57	17.81	0.171
9/14/2019	23:58	17.79	0.128
9/14/2019	23:59	17.77	0.132
9/15/2019	00:00	17.76	0.08
9/15/2019	00:01	17.74	0.053
9/15/2019	00:02	17.72	0.076
9/15/2019	00:03	17.7	0.099
9/15/2019	00:04	17.68	0.127
9/15/2019	00:05	17.66	0.078
9/15/2019	00:06	17.65	0.097
9/15/2019	00:07	17.65	0.116
9/15/2019	00:08	17.66	0.16
9/15/2019	00:09	17.69	0.166
9/15/2019	00:10	17.72	0.175
9/15/2019	00:11	17.74	0.187
9/15/2019	00:12	17.76	0.197
9/15/2019	00:13	17.78	0.187
9/15/2019	00:14	17.79	0.175

3.25	128.0515432	17.9	0.356
7.5	128.180153	17.88	0.325
353.3	130.5466922	17.87	0.247
329.8	155.8985853	17.88	0.268
320.9	177.070287	17.91	0.312
320.4	178.5661959	17.94	0.271
292.2	150.9305587	17.96	0.17
258.5	149.7384694	17.96	0.112
262.6	147.0796431	17.96	0.121
281.9	145.0412401	17.97	0.113
302.2	162.3392225	17.97	0.111
333.7	149.1915112	17.96	0.115
335.1	147.0846926	17.96	0.176
334.8	147.5237341	17.97	0.299
345.7	135.3112579	17.99	0.373
350.7	131.8778474	18.01	0.366
346.3	134.8352272	18.01	0.405
345.3	135.6387698	18.02	0.344
346.1	134.9918873	18.04	0.399
349	132.9121422	18.05	0.404
351.8	131.2783518	18.05	0.314
337.5	143.8038178	18.05	0.282
310.8	178.2808867	18.05	0.221
296.7	155.273777	18.04	0.221
294.8	153.294267	18.02	0.257
279.8	144.4601404	18	0.179
272.6	143.9532925	17.97	0.181
265.3	145.7817973	17.94	0.107
302.1	162.1914802	17.92	0.106
275	143.869106	17.89	0.12
275.4	143.8796248	17.86	0.193
193.5	129.5761138	17.85	0.076
172.3	131.0235708	17.83	0.105
126.3	169.0922914	17.82	0.224
120.6	160.0651457	17.81	0.233
115.9	154.4133891	17.82	0.224
104.1	145.8660653	17.81	0.14
80.2	148.5320061	17.8	0.108
24.69	136.3098814	17.78	0.171
61.25	172.2264931	17.75	0.192
72.32	155.4728757	17.73	0.183
33.69	146.4953495	17.71	0.186
345.6	135.3923691	17.68	0.222
345.8	135.2306555	17.66	0.208
333.1	150.1407104	17.65	0.234
327.8	159.8738411	17.67	0.265
313.8	192.5757179	17.7	0.297
317	189.8495428	17.72	0.322
321.4	175.6124958	17.75	0.331
327.6	160.2933984	17.77	0.3
354	130.2384741	17.79	0.294

337.9	143.2953883	18.14	0.376
342.6	138.0697036	18.12	0.347
325.9	164.0325631	18.13	0.32
305.9	168.3704292	18.14	0.301
294.3	152.8094541	18.18	0.32
294	152.5255981	18.21	0.256
277.8	144.0902707	18.22	0.197
248.4	160.3391006	18.21	0.122
249.7	158.6092822	18.2	0.132
268.2	144.7678047	18.2	0.12
283.7	145.6994008	18.19	0.117
309.2	174.7773583	18.19	0.135
307.5	171.3461128	18.19	0.199
311.7	192.5757179	18.21	0.348
318.9	183.2949574	18.25	0.403
322.6	172.2625195	18.26	0.422
322.1	173.6334397	18.26	0.454
320	179.7911758	18.27	0.412
320.1	179.4825368	18.29	0.482
323.7	169.3661605	18.3	0.416
325.4	165.1937679	18.29	0.353
311.7	192.5757179	18.28	0.299
284.1	145.8660653	18.27	0.251
278.8	144.2529947	18.24	0.249
283.6	145.6589028	18.21	0.27
275.4	143.8796248	18.18	0.253
277.8	144.0902707	18.13	0.272
269.8	144.3719327	18.09	0.211
291.4	150.2796092	18.06	0.163
282.8	145.3516416	18.02	0.148
252.4	155.3841351	18	0.221
259.6	148.9406289	17.98	0.126
167.1	134.2285045	17.97	0.062
118.9	157.8506504	17.95	0.125
118.1	156.8769637	17.94	0.156
103.9	145.7817973	17.95	0.162
90.1	144.310461	17.95	0.096
21.56	133.8367424	17.95	0.078
355.6	129.6117355	17.93	0.095
12.97	129.3942184	17.91	0.136
42.16	161.4904896	17.91	0.154
3.5	128.0395961	17.9	0.179
336.8	144.7193684	17.9	0.208
330.9	153.8738695	17.91	0.212
314.5	192.5757179	17.94	0.271
305	166.7980522	17.98	0.313
293	151.6168585	18	0.324
297.7	156.4059988	18.02	0.345
300.6	160.0651457	18.03	0.341
308.2	172.724134	18.04	0.322
326.3	163.1241775	18.05	0.311

341.6	139.0715101	18.34	0.513	343.9	136.8505178	18.57
343	137.6847037	18.35	0.52	341.7	138.968767	18.56
330.3	154.96461	18.38	0.452	331.7	152.4689987	18.61
316.2	192.5757179	18.43	0.46	323.6	169.6228634	18.71
303.6	164.489319	18.5	0.412	309.1	174.5674412	18.78
301.3	161.0367221	18.51	0.338	305.4	167.4881453	18.77
287.8	147.7698413	18.49	0.263	294.9	153.3930028	18.73
265	145.9089029	18.48	0.168	281.5	144.915171	18.7
271.8	144.0375611	18.46	0.162	282.5	145.2440439	18.68
283.9	145.7817973	18.44	0.156	294.3	152.8094541	18.65
301.7	161.6081001	18.42	0.162	305.8	168.1922038	18.63
315	192.5757179	18.42	0.194	317.7	187.3568179	18.63
316.3	192.4386028	18.42	0.299	317.1	189.4876488	18.63
319.1	182.6427564	18.45	0.452	316.7	190.9470722	18.68
321.7	174.7556358	18.49	0.531	317.3	188.7697038	18.77
323.4	170.1401693	18.53	0.564	318.8	183.6236488	18.86
324.1	168.3521774	18.55	0.625	320.9	177.070287	18.94
324	168.6037636	18.58	0.564	321.6	175.0397923	19.04
324.1	168.3521774	18.6	0.611	320.2	179.1755005	19.01
326	163.8037704	18.58	0.555	320.4	178.5661959	18.9
325.4	165.1937679	18.56	0.455	318.5	184.6202228	18.84
316.8	190.5792409	18.54	0.401	312.5	192.5757179	18.79
288.6	148.2698482	18.52	0.274	287.8	147.7698413	18.72
285.5	146.5088075	18.47	0.297	279.3	144.3509966	18.63
284.2	145.9089029	18.41	0.293	280.6	144.6580519	18.56
278	144.1192747	18.36	0.298	274.2	143.869106	18.49
278.5	144.1995259	18.3	0.302	275.3	143.8763375	18.42
272.6	143.9532925	18.25	0.221	268.2	144.7678047	18.37
277.7	144.0764313	18.21	0.178	268	144.8253918	18.33
276.8	143.9717192	18.18	0.177	263.3	146.709616	18.3
259.5	149.010542	18.16	0.225	252.6	155.1640479	18.29
265.4	145.7403654	18.15	0.136	260.3	148.4657012	18.29
188.1	128.2552218	18.13	0.102	218.5	154.2338617	18.28
135.3	189.7626755	18.13	0.123	147	161.577273	18.27
127.9	172.1277015	18.12	0.145	145.3	165.4295013	18.27
109.1	148.5988232	18.12	0.145	121.8	161.7528127	18.26
89.8	144.3719327	18.11	0.107	100.5	144.6317408	18.24
57.39	180.6393714	18.1	0.035	92.2	143.9919054	18.22
16.82	130.9838225	18.08	0.09	351.8	131.2783518	18.21
23.17	135.0471934	18.07	0.122	10.99	128.8162894	18.19
39	155.1495646	18.07	0.173	26.98	138.44372	18.18
8.41	128.2995566	18.07	0.203	352.1	131.1241663	18.16
348	133.5834127	18.07	0.226	332.1	151.7871691	18.17
343.2	137.4955162	18.09	0.24	331.8	152.2972712	18.2
320.1	179.4825368	18.13	0.332	316.4	192.0626612	18.24
305.3	167.3143222	18.18	0.379	304.9	166.6276829	18.3
296.6	155.1640479	18.22	0.399	297.5	156.1744239	18.33
298.8	157.7265948	18.24	0.399	296.7	155.273777	18.35
300.2	159.5258496	18.25	0.403	297.3	155.945431	18.38
306.3	169.0922914	18.26	0.415	304.8	166.4581678	18.39
323.2	170.6627261	18.26	0.439	319	182.967997	18.38

0.604	6.966	128.1252263	135.0788371	Yes
0.654	1.15	128.2484255	134.2303506	Yes
0.605	347.7	133.7940871	147.1613902	Yes
0.594	333.8	149.0360615	167.1007314	Yes
0.584	315.3	192.5757179	172.3024438	Yes
0.509	317.2	189.1277069	169.7488736	Yes
0.385	309.7	175.8426324	154.4052612	Yes
0.28	310.8	178.2808867	155.8365061	Yes
0.26	310.2	176.9345288	154.3810118	Yes
0.266	314.5	192.5757179	156.1952028	Yes
0.287	321.6	175.0397923	162.5757439	Yes
0.306	325.2	165.6664139	173.9135638	Yes
0.439	322.9	171.4565408	174.3627196	Yes
0.606	322	173.9118416	177.5202244	Yes
0.717	321.7	174.7556358	171.3774381	Yes
0.796	322.8	171.7238383	165.9256047	Yes
0.891	327.2	161.1450705	163.0072403	Yes
0.88	325.9	164.0325631	164.6212129	Yes
0.83	321.9	174.1916691	167.2387542	Yes
0.768	319.9	180.1014276	164.9499393	Yes
0.677	321.1	176.4826621	164.5537545	Yes
0.584	314.7	192.5757179	182.4220425	Yes
0.414	298	156.7582401	155.3889763	Yes
0.454	298.8	157.7265948	149.6226341	Yes
0.425	297.1	155.7190033	149.0478256	Yes
0.43	288.8	148.3999072	144.9456106	Yes
0.458	288	147.8918251	144.8022503	Yes
0.425	277.4	144.0375611	144.5824776	Yes
0.35	270.8	144.18259	149.1111005	Yes
0.327	267.3	145.0412401	144.9886646	Yes
0.364	261	148.0158154	150.290833	Yes
0.265	258.8	149.5145601	144.4474739	Yes
0.159	231.4	187.0083138	146.9498945	Yes
0.158	203.1	134.9918873	162.6549555	Yes
0.143	182.1	128.1379589	156.5274542	Yes
0.119	165.8	135.2306555	149.1554955	Yes
0.069	144	168.6037636	149.5567927	Yes
0.044	304.1	165.2951784	154.4590407	Yes
0.134	325.5	164.9592071	138.6285997	Yes
0.131	356.3	129.3710598	138.9710508	Yes
0.15	17.1	131.1241663	148.3361632	Yes
0.204	352	131.1751217	133.0267581	Yes
0.274	326.1	163.5761126	145.8116864	Yes
0.289	326.7	162.2336611	148.2261947	Yes
0.424	315.4	192.5757179	181.3674688	Yes
0.532	308.8	173.943875	166.9115547	Yes
0.52	307.6	171.5400605	165.4142217	Yes
0.564	307.6	171.5400605	166.1591948	Yes
0.569	308.7	173.7380647	164.9773974	Yes
0.579	318.9	183.2949574	170.3725898	Yes
0.556	326.9	161.7949854	161.757672	Yes

9/15/2019	00:15	17.79	0.147
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9/15/2019	00:17	17.77	0.123
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9/15/2019	00:19	17.74	0.135
9/15/2019	00:20	17.72	0.099
9/15/2019	00:21	17.7	0.097
9/15/2019	00:22	17.7	0.18
9/15/2019	00:23	17.7	0.168
9/15/2019	00:24	17.71	0.152
9/15/2019	00:25	17.71	0.046
9/15/2019	00:26	17.69	0.08
9/15/2019	00:27	17.67	0.129
9/15/2019	00:28	17.64	0.187
9/15/2019	00:29	17.62	0.162
9/15/2019	00:30	17.59	0.131
9/15/2019	00:31	17.56	0.157
9/15/2019	00:32	17.54	0.116
9/15/2019	00:33	17.53	0.079
9/15/2019	00:34	17.52	0.088
9/15/2019	00:35	17.51	0.079
9/15/2019	00:36	17.5	0.148
9/15/2019	00:37	17.49	0.187
9/15/2019	00:38	17.45	0.175
9/15/2019	00:39	17.43	0.103
9/15/2019	00:40	17.4	0.087
9/15/2019	00:41	17.39	0.197
9/15/2019	00:42	17.38	0.079
9/15/2019	00:43	17.38	0.152
9/15/2019	00:44	17.37	0.151
9/15/2019	00:45	17.36	0.178
9/15/2019	00:46	17.35	0.161
9/15/2019	00:47	17.33	0.099
9/15/2019	00:48	17.32	0.077
9/15/2019	00:49	17.31	0.086
9/15/2019	00:50	17.31	0.091
9/15/2019	00:51	17.3	0.093
9/15/2019	00:52	17.3	0.097
9/15/2019	00:53	17.29	0.057
9/15/2019	00:54	17.27	0.097
9/15/2019	00:55	17.26	0.068
9/15/2019	00:56	17.24	0.047
9/15/2019	00:57	17.21	0.043
9/15/2019	00:58	17.19	0.049
9/15/2019	00:59	17.17	0.061
9/15/2019	01:00	17.14	0.106
9/15/2019	01:01	17.12	0.096
9/15/2019	01:02	17.1	0.102
9/15/2019	01:03	17.08	0.119
9/15/2019	01:04	17.07	0.147
9/15/2019	01:05	17.09	0.167

1.331	128.2246451	17.78	0.262
355.5	129.6477719	17.77	0.261
9.27	128.4424091	17.76	0.223
14.83	130.0839773	17.74	0.215
34.72	147.9994294	17.71	0.209
42.18	161.5338598	17.69	0.17
6.502	128.0865683	17.66	0.155
353.9	130.2812262	17.65	0.274
344.2	136.5821614	17.64	0.279
339.5	141.3652945	17.65	0.211
355.4	129.6842235	17.66	0.107
11.01	128.8213331	17.66	0.117
22.47	134.5051746	17.64	0.158
37.9	153.1644801	17.62	0.263
40.17	157.3827668	17.59	0.321
55.38	185.6992079	17.56	0.288
35.39	149.0205593	17.54	0.306
17.41	131.2835596	17.51	0.291
6.737	128.1050943	17.49	0.191
4.07	128.0214772	17.47	0.203
335.3	146.7956779	17.45	0.152
258.5	149.7384694	17.45	0.175
232.3	190.2134023	17.47	0.337
223.8	165.1937679	17.47	0.261
159.5	141.3652945	17.46	0.186
178.3	128.7937914	17.44	0.204
162.1	138.5635199	17.45	0.321
156.5	145.1219829	17.47	0.201
171.3	131.5441627	17.47	0.3
211.8	143.9325875	17.48	0.208
230.9	185.293471	17.46	0.217
232.3	190.2134023	17.43	0.164
251.3	156.6401729	17.41	0.132
231.2	186.3168781	17.4	0.158
255	152.7142528	17.39	0.176
258.4	149.8141685	17.38	0.148
208.7	140.2401479	17.37	0.187
216	149.9805289	17.37	0.238
216.4	150.6260744	17.36	0.089
243.6	167.8384137	17.34	0.142
214.5	147.6715655	17.32	0.088
228.6	177.9631823	17.3	0.052
303.9	164.9703808	17.28	0.058
63	168.9104738	17.26	0.085
72.45	155.3288773	17.23	0.139
71.2	156.7582401	17.2	0.17
77.59	150.4471021	17.17	0.142
79.01	149.360655	17.14	0.129
89.5	144.4374183	17.13	0.14
94.6	143.8656	17.12	0.185
93.9	143.8763375	17.15	0.205

332.3	151.4512959	18.04	0.241
334.3	148.2703958	18.03	0.251
343.1	137.5898354	18.01	0.225
345.8	135.2306555	18	0.211
1.461	128.2083601	17.99	0.198
11.62	128.9829139	17.97	0.195
344	136.7605319	17.97	0.202
330.7	154.2338617	17.98	0.308
321.3	175.9010607	18.01	0.325
312.9	192.5757179	18.03	0.247
325.2	165.6664139	18.03	0.19
337.7	143.5482783	18.03	0.164
353.9	130.2812262	18.03	0.152
9.22	128.4333025	18.01	0.193
1.266	128.2330368	18	0.268
9.32	128.4516149	17.97	0.249
5.8	128.0440822	17.95	0.321
352.3	131.0235708	17.92	0.307
349.3	132.7199372	17.9	0.166
349.1	132.8476073	17.87	0.168
332.1	151.7871691	17.84	0.134
250.4	157.7265948	17.82	0.089
201	133.4453614	17.81	0.295
192	129.0911795	17.81	0.333
146.8	162.0137796	17.77	0.224
157.9	143.2953883	17.76	0.144
144.8	166.6259865	17.78	0.288
136.8	190.5792409	17.82	0.224
144.3	167.8527808	17.84	0.342
172	131.1751217	17.81	0.304
199.2	132.2876789	17.75	0.3
209.2	140.7951122	17.7	0.203
231	185.6327901	17.66	0.163
197.5	131.3306282	17.63	0.17
198.4	131.8211113	17.6	0.157
208	139.4882645	17.58	0.131
185	128.0191197	17.56	0.133
184.3	128.0177548	17.54	0.211
187.4	128.1690162	17.53	0.17
213	145.5308449	17.52	0.147
200.8	133.3092177	17.5	0.107
214.3	147.3766469	17.49	0.093
282.8	145.3516416	17.48	0.073
1.179	128.2445287	17.46	0.058
356.9	129.1807975	17.46	0.129
13.64	129.6261003	17.45	0.149
22.2	134.3026158	17.43	0.162
36.26	150.3986681	17.41	0.137
44.94	167.9522594	17.4	0.147
48.92	178.9310187	17.4	0.161
55.97	184.1612388	17.41	0.163

327.2	161.1450705	18.25	0.382	324.1	168.3521774	18.37
329.9	155.7099409	18.23	0.367	326.3	163.1241775	18.36
339.1	141.8325805	18.21	0.329	331.3	153.1644801	18.37
342.9	137.780123	18.21	0.304	333.3	149.8211447	18.38
357.8	128.9229071	18.2	0.289	345.7	135.3112579	18.39
2.596	128.094344	18.2	0.318	345.4	135.5561236	18.41
341	139.7001382	18.22	0.319	333.2	149.9805289	18.43
332.4	151.2846063	18.25	0.407	328.5	158.4376272	18.44
324.8	166.6259865	18.29	0.427	327.4	160.717127	18.47
313.2	192.5757179	18.33	0.404	320.9	177.070287	18.5
322.1	173.6334397	18.37	0.34	325.9	164.0325631	18.54
324.1	168.3521774	18.39	0.292	327.2	161.1450705	18.56
337.9	143.2953883	18.41	0.308	330.5	154.5974305	18.56
357.3	129.0621204	18.4	0.292	333.7	149.1915112	18.56
351.8	131.2783518	18.38	0.338	333.4	149.6625543	18.54
2.685	128.0875367	18.35	0.332	346.2	134.9133063	18.51
5.117	128.0212118	18.32	0.466	358.3	128.7937914	18.46
357.5	129.00522	18.29	0.481	352.8	130.7797169	18.42
353.2	130.5924354	18.24	0.337	353.6	130.4120364	18.37
356.6	129.2740865	18.2	0.309	356.3	129.3710598	18.34
345.3	135.6387698	18.16	0.271	356.3	129.3710598	18.33
281.4	144.8847909	18.14	0.12	319.9	180.1014276	18.32
202	134.1548834	18.11	0.234	208.3	139.8069561	18.3
194.8	130.0717042	18.1	0.391	193.1	129.4377621	18.26
164.9	135.9745142	18.08	0.277	170.4	132.0507649	18.25
163.1	137.5898354	18.05	0.18	175.4	129.6842235	18.25
153.6	149.347741	18.08	0.335	159	141.9509679	18.27
143	171.1905949	18.13	0.345	153.1	150.1407104	18.31
143.2	170.6627261	18.19	0.408	144.7	166.8688935	18.35
167.9	133.6531567	18.19	0.448	168.3	133.3770516	18.4
187.5	128.180153	18.08	0.379	181.4	128.2159189	18.35
200	132.7835393	18.01	0.268	193.6	129.6117355	18.38
220.9	158.8429179	17.95	0.207	211	142.9209771	18.4
192.9	129.3710598	17.9	0.206	196.8	130.9739291	18.37
199.8	132.6567999	17.87	0.181	202.8	134.7576487	18.3
212.8	145.2575724	17.84	0.145	223.7	164.9592071	18.26
187.5	128.180153	17.81	0.138	198.2	131.7089882	18.22
183.2	128.0542255	17.79	0.199	191.1	128.8442293	18.16
187.6	128.1916822	17.77	0.152	202.2	134.3026158	18.11
215.6	149.347741	17.76	0.145	226.7	172.5339195	18.09
209.7	141.3652945	17.75	0.118	227.2	173.9118416	18.07
213.3	145.9460296	17.75	0.103	249.8	158.4811294	18.06
250.5	157.6032138	17.75	0.097	266	145.5015641	18.06
334.3	148.2703958	17.75	0.088	292.4	151.0987909	18.04
340.4	140.3499361	17.75	0.136	319.7	180.726811	18.02
359.7	128.4855767	17.74	0.141	332.5	151.1187431	18
4.815	128.0169013	17.74	0.126	329.8	155.8985853	17.98
16.6	130.8759536	17.72	0.108	335.4	146.6522652	17.95
24	135.7219305	17.7	0.11	355.2	129.7583745	17.92
33.1	145.6685335	17.67	0.098	6.14	128.0622553	17.89
40.3	157.6389568	17.66	0.112	16.04	130.610853	17.86

0.551	329.6	156.2786798	153.0903737	Yes
0.547	330.5	154.5974305	150.2699433	Yes
0.501	334.1	148.5743588	141.9207328	Yes
0.474	336	145.8069274	139.7445656	Yes
0.421	345.8	135.2306555	135.134522	Yes
0.39	349.5	132.5941263	137.3522735	Yes
0.335	351.2	131.5986579	137.225285	Yes
0.422	346.1	134.9918873	145.8458417	Yes
0.426	336.7	144.8528837	156.9358438	Yes
0.434	326.1	163.5761126	173.432626	Yes
0.402	337.3	144.0620273	155.4157335	Yes
0.382	338	143.1699306	149.007358	Yes
0.341	338.3	142.7974765	141.0953392	Yes
0.378	346.8	134.4523139	138.8607456	Yes
0.458	347.9	133.6531567	140.0419733	Yes
0.435	358.6	128.7211479	141.1745627	Yes
0.579	11.55	128.9636085	132.5686506	Yes
0.661	6.517	128.0876862	130.0359507	Yes
0.56	9.1	128.4118509	130.0482708	Yes
0.516	11	128.8188092	129.666608	Yes
0.523	10.78	128.7643006	138.4713954	Yes
0.356	0.356	128.3679927	152.1638551	Yes
0.132	231.9	188.7697038	157.2780614	Yes
0.262	202.2	134.3026158	137.6194059	Yes
0.368	189.6	128.5050003	139.9818707	Yes
0.187	194.9	130.1127622	133.8952002	Yes
0.249	163.6	137.1236975	146.7223825	Yes
0.248	152.9	150.4634796	161.4992018	Yes
0.332	141.7	174.7556358	162.3368398	Yes
0.494	175.1	129.7960751	134.3867985	Yes
0.559	182.9	128.0723698	140.4099183	Yes
0.432	192.4	129.2114853	144.5230549	Yes
0.403	205.2	136.7605319	156.159478	Yes
0.389	195.6	130.4120364	141.6809063	Yes
0.344	206.3	137.780123	137.9459871	Yes
0.309	212.8	145.2575724	148.955357	Yes
0.273	212.2	144.4543929	134.5205603	Yes
0.318	203.7	135.4739906	134.0741458	Yes
0.228	216.6	150.9537025	138.4486182	Yes
0.226	246.5	163.0894665	159.6680771	Yes
0.2	247.3	161.8982783	151.6312395	Yes
0.194	251.9	155.945431	157.1424838	Yes
0.172	271.2	144.1192747	151.509215	Yes
0.147	317.5	188.0594614	156.9167301	Yes
0.167	318.1	185.9739218	158.3120687	Yes
0.159	321.4	175.6124958	148.3202312	Yes
0.161	320.9	177.070287	149.1470983	Yes
0.156	329.9	155.7099409	146.5994966	Yes
0.135	337.3	144.0620273	144.386402	Yes
0.109	343.9	136.8505178	146.6755851	Yes
0.091	354.4	130.0717042	149.2718181	Yes

9/15/2019	01:06	17.11	0.177
9/15/2019	01:07	17.12	0.174
9/15/2019	01:08	17.12	0.171
9/15/2019	01:09	17.12	0.148
9/15/2019	01:10	17.11	0.15
9/15/2019	01:11	17.1	0.145
9/15/2019	01:12	17.08	0.109
9/15/2019	01:13	17.06	0.035
9/15/2019	01:14	17.04	0.057
9/15/2019	01:15	17.02	0.098
9/15/2019	01:16	17	0.151
9/15/2019	01:17	16.98	0.178
9/15/2019	01:18	16.97	0.154
9/15/2019	01:19	16.96	0.097
9/15/2019	01:20	16.95	0.129
9/15/2019	01:21	16.95	0.093
9/15/2019	01:22	16.93	0.04
9/15/2019	01:23	16.91	0.047
9/15/2019	01:24	16.89	0.063
9/15/2019	01:25	16.87	0.049
9/15/2019	01:26	16.85	0.065
9/15/2019	01:27	16.82	0.039
9/15/2019	01:28	16.8	0.066
9/15/2019	01:29	16.78	0.063
9/15/2019	01:30	16.76	0.048
9/15/2019	01:31	16.74	0.036
9/15/2019	01:32	16.74	0.075
9/15/2019	01:33	16.76	0.095
9/15/2019	01:34	16.78	0.094
9/15/2019	01:35	16.8	0.102
9/15/2019	01:36	16.82	0.091
9/15/2019	01:37	16.83	0.083
9/15/2019	01:38	16.82	0.068
9/15/2019	01:39	16.82	0.062
9/15/2019	01:40	16.81	0.052
9/15/2019	01:41	16.8	0.073
9/15/2019	01:42	16.78	0.082
9/15/2019	01:43	16.76	0.132
9/15/2019	01:44	16.75	0.193
9/15/2019	01:45	16.74	0.19
9/15/2019	01:46	16.74	0.173
9/15/2019	01:47	16.74	0.132
9/15/2019	01:48	16.73	0.041
9/15/2019	01:49	16.72	0.05
9/15/2019	01:50	16.7	0.076
9/15/2019	01:51	16.68	0.082
9/15/2019	01:52	16.66	0.089
9/15/2019	01:53	16.66	0.132
9/15/2019	01:54	16.69	0.133
9/15/2019	01:55	16.74	0.125
9/15/2019	01:56	16.74	0.143

90.6	144.2169051	17.2	0.241
94.3	143.8675721	17.24	0.234
98.3	144.1660972	17.26	0.239
109.6	148.9406289	17.29	0.244
122.6	162.9378699	17.29	0.231
126.6	169.6432085	17.28	0.245
124.2	165.4588142	17.28	0.177
122.5	162.7870502	17.26	0.071
276.2	143.9217129	17.23	0.033
257.4	150.6007104	17.2	0.096
260.8	148.1418203	17.16	0.154
271	144.1500472	17.14	0.226
251.6	156.2898875	17.13	0.191
223.2	163.8037704	17.13	0.142
236.4	183.0684457	17.14	0.19
190.6	128.7211479	17.13	0.061
224.8	167.6049563	17.11	0.041
284.6	146.0849588	17.08	0.049
55.21	186.1508094	17.06	0.031
12.57	129.264592	17.02	0.029
52.69	191.6514912	16.99	0.052
21.16	133.5556494	16.96	0.096
355.7	129.5761138	16.92	0.102
38.83	154.8356843	16.89	0.096
17.55	131.3569321	16.86	0.087
330.3	154.96461	16.84	0.088
305.2	167.1413681	16.84	0.133
299.9	159.1288318	16.86	0.199
306.5	169.4586546	16.88	0.168
299	157.9753829	16.91	0.177
290.9	149.8904009	16.92	0.172
298.7	157.6032138	16.92	0.138
281.2	144.8253918	16.92	0.091
316.8	190.5792409	16.92	0.089
14.56	129.974885	16.9	0.076
57.53	180.3053786	16.88	0.16
48.4	177.3663815	16.86	0.177
68.07	160.7974761	16.83	0.155
84.4	146.17582	16.81	0.18
91.9	144.0254863	16.82	0.213
90.3	144.2717056	16.85	0.197
98.3	144.1660972	16.88	0.174
102.7	145.3153153	16.89	0.067
3.509	128.0392115	16.88	0.035
10.5	128.6977354	16.86	0.021
355.3	129.7210908	16.83	0.071
16.46	130.8084057	16.8	0.135
354.4	130.0717042	16.77	0.161
330	155.5222256	16.78	0.241
8.3	128.2833916	16.8	0.248
9.32	128.4516149	16.79	0.24

50.36	183.4919638	17.43	0.199
60.38	173.9851592	17.45	0.195
75.48	152.2653751	17.46	0.196
84.4	146.17582	17.47	0.193
93.3	143.9026392	17.49	0.19
98.6	144.2169051	17.5	0.167
99.5	144.3933148	17.51	0.14
105	146.2685776	17.51	0.094
280.4	144.6058796	17.48	0.048
240	174.7773583	17.45	0.101
252.3	155.4951241	17.41	0.201
246.7	162.7870502	17.38	0.253
229.3	180.1014276	17.37	0.238
214.2	147.2303008	17.37	0.173
211	142.9209771	17.38	0.195
171.4	131.490113	17.37	0.154
245.4	164.8092124	17.35	0.099
247.3	161.8982783	17.32	0.063
189.6	128.5050003	17.29	0.038
340.4	140.3499361	17.26	0.038
14.23	129.8457102	17.23	0.056
353.3	130.5466922	17.21	0.119
339.5	141.3652945	17.2	0.143
353.5	130.4564935	17.19	0.138
338.4	142.6746234	17.19	0.123
311.2	179.2008824	17.18	0.151
292	150.7645356	17.19	0.19
296.6	155.1640479	17.22	0.247
293.7	152.2469608	17.24	0.231
281.7	144.9772949	17.25	0.227
282.5	145.2440439	17.26	0.21
283.9	145.7817973	17.25	0.182
272.7	143.9447385	17.24	0.139
299.8	158.9978987	17.23	0.133
335.6	146.3676144	17.22	0.131
353.8	130.3244035	17.21	0.183
353.5	130.4564935	17.21	0.198
18.14	131.6757012	17.2	0.19
67.79	161.1926651	17.17	0.2
76.89	151.0228123	17.17	0.23
64.28	166.6616883	17.17	0.2
68.97	159.5659012	17.18	0.171
69.93	158.3155602	17.19	0.118
60.65	173.4312499	17.18	0.123
6.406	128.0796216	17.16	0.153
323.9	168.856618	17.13	0.155
351.8	131.2783518	17.12	0.235
322.7	171.9924951	17.13	0.296
315.8	192.5757179	17.17	0.345
340.6	140.1309578	17.2	0.348
336.3	145.3938588	17.2	0.322

37.6	152.6415793	17.66	0.172	12.1	129.120645	17.82
44.75	167.4815094	17.67	0.162	20.45	133.0755292	17.79
56.82	182.0233543	17.67	0.153	30.77	142.6378934	17.77
71.55	156.3478621	17.68	0.115	50.07	182.5455179	17.76
83.4	146.658692	17.68	0.163	78.5	149.7384694	17.74
93.1	143.914916	17.69	0.214	91.1	144.1344398	17.74
97.3	144.0254863	17.69	0.189	91.7	144.0500767	17.74
101.7	144.9772949	17.68	0.121	92.2	143.9919054	17.74
172.8	130.7797169	17.66	0.054	139.2	182.3192244	17.73
206.4	137.8760949	17.63	0.059	194.4	129.9116845	17.72
227.9	175.9010607	17.6	0.145	206.5	137.9726212	17.71
239.7	175.4133646	17.57	0.227	233.8	190.048269	17.69
228	176.1911131	17.55	0.211	228.5	177.6640101	17.68
216.9	151.4512959	17.56	0.156	232.6	191.31691	17.68
219.2	155.5222256	17.56	0.182	232.9	192.4386028	17.68
187.9	128.2286266	17.56	0.165	203.5	135.3112579	17.69
203	134.9133063	17.55	0.123	215.5	149.1915112	17.68
238.5	178.0537144	17.52	0.105	233.9	189.7626755	17.67
292.7	151.3553066	17.5	0.057	253.2	154.5187706	17.65
315.5	192.5757179	17.47	0.092	301.2	160.8957315	17.63
339.5	141.3652945	17.45	0.083	314.6	192.5757179	17.62
342.1	138.5635199	17.44	0.142	305.7	168.0148666	17.62
328.7	158.0363201	17.44	0.177	301.8	161.7528127	17.62
335.7	146.2263702	17.43	0.161	312.6	192.5757179	17.62
316.6	191.31691	17.43	0.172	295.6	154.1009172	17.61
291.6	150.439072	17.44	0.218	274	143.8734887	17.63
282.5	145.2440439	17.45	0.237	275.6	143.8875148	17.66
289.3	148.733998	17.47	0.29	277.2	144.0138522	17.65
288	147.8918251	17.48	0.281	282.2	145.1405816	17.64
281.8	145.0090396	17.48	0.263	284.2	145.9089029	17.62
285.7	146.6082498	17.47	0.244	285.7	146.6082498	17.59
286.8	147.1897488	17.45	0.219	287.4	147.531862	17.57
285.2	146.3632375	17.43	0.188	284.5	146.0402375	17.55
303	163.5489495	17.42	0.195	296.5	155.0549457	17.53
321.8	174.472931	17.4	0.173	312.7	192.5757179	17.51
346	135.0709716	17.39	0.167	327.6	160.2933984	17.52
341.8	138.8665983	17.4	0.2	318.2	185.6327901	17.56
354.8	129.9116845	17.4	0.179	335.7	146.2263702	17.55
32.02	144.2182431	17.39	0.167	9.48	128.4817397	17.53
47.65	175.1824177	17.38	0.194	31.29	143.282813	17.51
47.25	174.0515766	17.39	0.212	33.23	145.8485836	17.51
57.95	179.3171658	17.4	0.18	54.42	188.3005121	17.53
44.27	166.3120187	17.41	0.151	37.57	152.5897153	17.54
23.58	135.3761061	17.39	0.189	16.35	130.7559287	17.53
8.1	128.2552218	17.37	0.209	0.738	128.3073644	17.51
354.4	130.0717042	17.35	0.199	348	133.5834127	17.51
358.5	128.7449612	17.35	0.296	350.5	131.9926732	17.53
337.2	144.1921397	17.39	0.369	330.2	155.1495646	17.58
331.1	153.51742	17.47	0.474	329	157.4417417	17.65
343.4	137.3085186	17.51	0.45	337.7	143.5482783	17.69
341.2	139.4882645	17.52	0.426	332.5	151.1187431	17.69

0.17	1.083	128.257555	147.5457297	Yes
0.208	9.95	128.5761148	149.3971769	Yes
0.202	17.44	131.2992094	150.4783859	Yes
0.167	17.13	131.1394068	153.0298471	Yes
0.124	30.54	142.3582183	149.1191778	Yes
0.136	62.62	169.6062242	154.3031387	Yes
0.144	58.1	178.969176	155.3793736	Yes
0.135	34.58	147.7903685	149.1630393	Yes
0.102	7.096	128.1375687	145.9528205	Yes
0.095	320.4	178.5661959	154.3464088	Yes
0.12	255.2	152.5255981	154.0072449	Yes
0.182	249.2	159.2604663	166.3318395	Yes
0.224	227.9	175.9010607	173.2294998	Yes
0.189	233	192.385621	169.2375796	Yes
0.281	231	185.6327901	171.9166083	Yes
0.202	228.2	176.7757169	140.1053725	Yes
0.188	262.9	146.9181461	152.6874265	Yes
0.175	286.2	146.8652868	164.5329827	Yes
0.151	303.1	163.7036852	156.8467144	Yes
0.203	308.7	173.7380647	159.3648084	Yes
0.227	313.3	192.5757179	169.6027863	Yes
0.265	315.8	192.5757179	152.6512892	Yes
0.252	307	170.3906689	152.224242	Yes
0.216	309.4	175.2003149	159.8589161	Yes
0.254	294.1	152.6196347	154.4138035	Yes
0.335	278.7	144.234728	154.5425562	Yes
0.34	280.1	144.530992	150.3136909	Yes
0.367	296.1	154.6247674	152.3330995	Yes
0.333	301.3	161.0367221	155.1549488	Yes
0.313	298.8	157.7265948	150.319443	Yes
0.295	302.4	162.6370044	150.1975898	Yes
0.275	304.1	165.2951784	152.6803601	Yes
0.233	303.4	164.1726616	149.0692534	Yes
0.244	312.5	192.5757179	172.1513505	Yes
0.225	324.8	166.6259865	162.0034269	Yes
0.326	340.6	140.1309578	149.225022	Yes
0.333	346.7	134.5279034	153.3700334	Yes
0.321	3.767	128.0295306	139.3281525	Yes
0.297	10.3	128.6521114	141.7441158	Yes
0.275	18.48	131.8664641	149.0759987	Yes
0.298	26.07	137.561482	153.6790072	Yes
0.28	40.43	157.8967964	165.8492945	Yes
0.298	32.34	144.6395886	153.4344396	Yes
0.339	24.43	136.0854194	140.7375831	Yes
0.372	14.09	129.7922863	128.6264459	Yes
0.428	4.201	128.0191042	138.050386	Yes
0.442	359	128.6298991	130.2908582	Yes
0.481	345	135.8898012	147.459141	Yes
0.624	344.8	136.0597477	159.0233706	Yes
0.604	349.8	132.4088779	136.3360048	Yes
0.582	347.1	134.2285045	139.7361971	Yes

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9/15/2019	01:58	16.76	0.11
9/15/2019	01:59	16.78	0.115
9/15/2019	02:00	16.78	0.139
9/15/2019	02:01	16.8	0.129
9/15/2019	02:02	16.81	0.152
9/15/2019	02:03	16.82	0.193
9/15/2019	02:04	16.85	0.13
9/15/2019	02:05	16.86	0.083
9/15/2019	02:06	16.87	0.04
9/15/2019	02:07	16.87	0.049
9/15/2019	02:08	16.87	0.029
9/15/2019	02:09	16.85	0.025
9/15/2019	02:10	16.84	0.047
9/15/2019	02:11	16.83	0.105
9/15/2019	02:12	16.83	0.088
9/15/2019	02:13	16.84	0.097
9/15/2019	02:14	16.84	0.077
9/15/2019	02:15	16.82	0.092
9/15/2019	02:16	16.8	0.062
9/15/2019	02:17	16.78	0.078
9/15/2019	02:18	16.77	0.108
9/15/2019	02:19	16.76	0.126
9/15/2019	02:20	16.76	0.154
9/15/2019	02:21	16.77	0.087
9/15/2019	02:22	16.77	0.081
9/15/2019	02:23	16.75	0.103
9/15/2019	02:24	16.75	0.111
9/15/2019	02:25	16.76	0.093
9/15/2019	02:26	16.74	0.077
9/15/2019	02:27	16.72	0.077
9/15/2019	02:28	16.7	0.06
9/15/2019	02:29	16.68	0.036
9/15/2019	02:30	16.66	0.121
9/15/2019	02:31	16.64	0.154
9/15/2019	02:32	16.61	0.126
9/15/2019	02:33	16.59	0.067
9/15/2019	02:34	16.57	0.053
9/15/2019	02:35	16.57	0.141
9/15/2019	02:36	16.55	0.291
9/15/2019	02:37	16.53	0.166
9/15/2019	02:38	16.52	0.267
9/15/2019	02:39	16.51	0.189
9/15/2019	02:40	16.5	0.144
9/15/2019	02:41	16.48	0.152
9/15/2019	02:42	16.45	0.197
9/15/2019	02:43	16.45	0.168
9/15/2019	02:44	16.44	0.15
9/15/2019	02:45	16.47	0.194
9/15/2019	02:46	16.49	0.17
9/15/2019	02:47	16.49	0.158

20.83	133.329518	16.79	0.221
23.16	135.0392774	16.78	0.178
13.87	129.7099869	16.79	0.218
29.43	141.0554897	16.79	0.205
22.49	134.5203221	16.79	0.234
24.05	135.7637042	16.81	0.275
24.17	135.8644886	16.83	0.283
39.58	156.2405012	16.86	0.275
32.7	145.1219829	16.87	0.21
135.7	190.9137326	16.87	0.109
115.9	154.4133891	16.87	0.073
0	128.4296876	16.86	0.104
0	128.4296876	16.86	0.098
253.7	153.9979779	16.84	0.083
263.9	146.4112828	16.84	0.1
275	143.869106	16.86	0.142
265.1	145.8660653	16.89	0.117
249.9	158.3536654	16.9	0.122
182	128.1479193	16.88	0.09
200.8	133.3092177	16.86	0.122
166	135.0709716	16.84	0.134
163.8	136.9410396	16.84	0.198
147.1	161.3606366	16.86	0.214
150.7	154.2338617	16.89	0.258
181.7	128.180153	16.94	0.17
217.7	152.8150171	16.98	0.156
211.8	143.9325875	16.99	0.158
190.3	128.6521114	17.01	0.212
192.5	129.2425815	17.06	0.175
293.2	151.7940443	17.05	0.074
296.8	155.3841351	17	0.099
252.2	155.6067462	16.97	0.059
287.5	147.5906108	16.93	0.043
16.41	130.7844875	16.9	0.064
23.6	135.3923691	16.86	0.171
44.42	166.6744707	16.82	0.181
59.9	174.9883145	16.79	0.182
149.4	156.6625457	16.75	0.036
90.3	144.2717056	16.73	0.165
40.25	157.5402275	16.72	0.317
187.2	128.1479193	16.68	0.119
156.9	144.586539	16.68	0.268
325.9	164.0325631	16.69	0.134
279	144.2908609	16.66	0.141
220.4	157.837148	16.63	0.115
235.1	186.4450707	16.59	0.155
270	144.3305061	16.58	0.17
242.2	170.3906689	16.59	0.131
297.5	156.1744239	16.61	0.222
334.9	147.3766469	16.63	0.168
315.4	192.5757179	16.62	0.163

344.7	136.145503	17.21	0.3
345.7	135.3112579	17.2	0.277
343.8	136.9410396	17.21	0.339
351.1	131.6535994	17.22	0.336
349.1	132.8476073	17.23	0.325
352.5	130.9247236	17.24	0.36
353.5	130.4564935	17.26	0.403
358.7	128.6977354	17.29	0.318
354.4	130.0717042	17.28	0.247
0.996	128.2696735	17.28	0.176
28.82	140.3719657	17.27	0.098
358.8	128.6747234	17.26	0.105
357.6	128.9773778	17.24	0.1
314.4	192.5757179	17.23	0.073
258.7	149.5886665	17.22	0.107
283.4	145.579304	17.25	0.161
261.8	147.531862	17.26	0.156
242.5	169.8286827	17.24	0.159
159.1	141.8325805	17.2	0.13
176.9	129.1807975	17.18	0.113
159	141.9509679	17.16	0.11
152.5	151.1187431	17.14	0.149
140	179.7911758	17.16	0.141
136.9	190.2134023	17.18	0.184
155.2	146.9398193	17.21	0.113
173.4	130.5013785	17.24	0.129
175.8	129.5409061	17.28	0.139
166.8	134.4523139	17.31	0.141
166.8	134.4523139	17.34	0.148
282.5	145.2440439	17.31	0.097
263.5	146.6082498	17.29	0.109
276.6	143.9532925	17.24	0.081
271.3	144.1045518	17.21	0.072
329.2	157.0502204	17.19	0.173
342.5	138.1673439	17.19	0.241
355.2	129.7583745	17.22	0.236
358.2	128.8188092	17.21	0.227
50.63	184.3862699	17.19	0.057
49.05	179.328819	17.15	0.13
14.08	129.7885016	17.13	0.402
140.9	177.070287	17.1	0.193
130.9	178.509184	17.05	0.325
296.9	155.4951241	17.07	0.139
253.8	153.8956445	17.05	0.159
215.5	149.1915112	17.01	0.159
217.7	152.8150171	16.95	0.231
258.7	149.5886665	16.94	0.238
237.3	180.8553063	16.93	0.166
277.5	144.0500767	16.95	0.276
289.3	148.733998	16.95	0.32
280.9	144.7396894	16.93	0.274

345.7	135.3112579	17.52	0.358	336.3	145.3938588	17.67
350.5	131.9926732	17.5	0.369	342	138.6639767	17.67
347.6	133.8652759	17.51	0.448	343.8	136.9410396	17.68
353.4	130.5013785	17.51	0.4	347	134.3026158	17.68
350.5	131.9926732	17.51	0.444	346.5	134.6805694	17.69
353.7	130.3680067	17.53	0.443	345	135.8898012	17.72
354.3	130.1127622	17.56	0.533	347.6	133.8652759	17.75
357.9	128.8962779	17.59	0.387	349.2	132.7835393	17.78
354.6	129.9908531	17.59	0.278	346.6	134.6039881	17.78
357.7	128.9499403	17.59	0.172	350.2	132.1683105	17.79
8.09	128.2538547	17.59	0.12	0.17	128.3996008	17.8
5.142	128.021728	17.57	0.186	353.8	130.3244035	17.79
1.33	128.224773	17.56	0.154	346.7	134.5279034	17.8
321.3	175.9010607	17.55	0.151	329.2	157.0502204	17.81
295.9	154.4133891	17.56	0.125	301.7	161.6081001	17.85
298.7	157.6032138	17.57	0.174	294.3	152.8094541	17.87
269.2	144.5069269	17.57	0.156	272.1	144.0026586	17.88
242.4	170.0150814	17.55	0.17	238.2	178.7386118	17.83
192.8	129.3383252	17.52	0.148	213.1	145.6685335	17.79
192.3	129.1807975	17.48	0.126	214.1	147.0846926	17.76
175.8	129.5409061	17.45	0.11	202.1	134.2285045	17.73
165.6	135.3923691	17.42	0.089	182.6	128.0940314	17.7
155.6	146.3676144	17.42	0.053	155.9	145.9460296	17.67
135.1	189.1957803	17.43	0.11	119.3	158.3536654	17.65
145.7	164.4935779	17.44	0.071	106.1	146.8129126	17.63
172.7	130.8276183	17.44	0.047	175.1	129.7960751	17.61
168.6	133.1749726	17.46	0.077	169.5	132.5941263	17.59
160.9	139.8069561	17.47	0.085	147.8	159.8738411	17.58
166.5	134.6805694	17.49	0.1	169.6	132.5319155	17.57
213	145.5308449	17.49	0.087	260	148.6661534	17.56
235	186.7139875	17.49	0.087	254.5	153.1961245	17.57
242.1	170.5798662	17.47	0.087	229.2	179.7911758	17.57
287.8	147.7698413	17.43	0.085	265.3	145.7817973	17.55
321.2	176.1911131	17.41	0.182	288.7	148.3346233	17.55
329	157.4417417	17.44	0.264	311.9	192.5757179	17.62
345.6	135.3923691	17.5	0.354	339	141.9509679	17.71
353.1	130.6386087	17.54	0.35	343.7	137.032099	17.77
332.1	151.7871691	17.54	0.12	339.7	141.1353782	17.81
27.23	138.6942245	17.52	0.176	6.379	128.0777327	17.79
5.484	128.0312383	17.52	0.457	348.5	133.2418584	17.79
108.6	148.2698482	17.48	0.133	33.75	146.5808313	17.77
131.5	179.9029136	17.43	0.286	115.9	154.4133891	17.72
357.6	128.9773778	17.41	0.163	3.295	128.0492127	17.7
272.7	143.9447385	17.39	0.131	288.6	148.2698482	17.68
206.6	138.0697036	17.36	0.115	217.5	152.4689987	17.63
218.3	153.8738695	17.31	0.234	220.8	158.6397721	17.57
253.9	153.7939153	17.26	0.233	253.6	154.1009172	17.48
234.3	188.6345537	17.23	0.195	237.9	179.4337369	17.42
277.2	144.0138522	17.23	0.306	277.9	144.1045518	17.42
298.9	157.8506504	17.24	0.363	290.3	149.4409821	17.41
294.9	153.3930028	17.2	0.351	292.5	151.183739	17.36

0.573	350.3	132.1093104	136.4578896	Yes
0.617	356.3	129.3710598	134.075649	Yes
0.734	358.8	128.6747234	133.2264131	Yes
0.662	0.266	128.3831161	133.1792399	Yes
0.711	358.3	128.7937914	132.5669927	Yes
0.759	358	128.870052	132.3632575	Yes
0.785	0.016	128.4268071	131.7451655	Yes
0.65	3.1	128.0598829	134.9355873	Yes
0.477	4.899	128.0177432	133.5612543	Yes
0.395	8.52	128.3161988	141.7235712	Yes
0.355	8.27	128.2790657	135.9435752	Yes
0.374	1.868	128.1616673	128.722442	Yes
0.334	358.2	128.8188092	129.7957102	Yes
0.389	354.9	129.8727295	161.8795413	Yes
0.368	350.4	132.0507649	148.8144407	Yes
0.287	341.8	138.8665983	147.7455353	Yes
0.214	316.8	190.5792409	154.4973507	Yes
0.175	277.8	144.0902707	164.2052624	Yes
0.137	262.7	147.0253234	138.4025364	Yes
0.131	271.6	144.0630334	136.5637077	Yes
0.053	283.9	145.7817973	137.3146295	Yes
0.037	169	132.9121422	136.8916651	Yes
0.057	134.2	186.7139875	164.0358888	Yes
0.139	112.9	151.5291125	168.7051645	Yes
0.075	114.3	152.8094541	147.8471834	Yes
0.045	195.3	130.2812262	134.844263	Yes
0.094	173.9	130.2812262	133.9047638	Yes
0.073	126.6	169.6432085	146.4856862	Yes
0.113	170.5	131.9926732	132.5800107	Yes
0.092	276.7	143.962286	147.0394745	Yes
0.124	278.6	144.2169051	157.2238804	Yes
0.103	282.3	145.1746105	159.0211382	Yes
0.118	299.8	158.9978987	148.84894	Yes
0.234	317.4	188.4136263	160.1548141	Yes
0.392	337.2	144.1921397	153.5538625	Yes
0.561	354.9	129.8727295	140.7297823	Yes
0.575	356.1	129.4377621	140.1831187	Yes
0.271	352.3	131.0235708	152.9989868	Yes
0.313	3.139	128.0576301	143.6860224	Yes
0.635	357.9	128.8962779	135.4996207	Yes
0.235	6.664	128.0991081	145.6335988	Yes
0.19	105.3	146.4112828	160.7646617	Yes
0.298	9.37	128.4609197	141.0030395	Yes
0.197	341.5	139.1748294	145.9151843	Yes
0.085	282.6	145.2794496	148.5693622	Yes
0.21	242.9	169.0922914	164.1732041	Yes
0.344	268.2	144.7678047	149.3163619	Yes
0.209	262.1	147.3585869	173.3345705	Yes
0.338	302.8	163.2418433	150.3169496	Yes
0.451	306.9	170.2024087	154.7209372	Yes
0.453	302.6	162.9378699	160.9660038	Yes

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9/15/2019	02:51	16.49	0.129
9/15/2019	02:52	16.5	0.149
9/15/2019	02:53	16.52	0.162
9/15/2019	02:54	16.53	0.16
9/15/2019	02:55	16.54	0.173
9/15/2019	02:56	16.54	0.155
9/15/2019	02:57	16.54	0.151
9/15/2019	02:58	16.55	0.14
9/15/2019	02:59	16.56	0.153
9/15/2019	03:00	16.57	0.1
9/15/2019	03:01	16.56	0.055
9/15/2019	03:02	16.56	0.183
9/15/2019	03:03	16.53	0.263
9/15/2019	03:04	16.5	0.177
9/15/2019	03:05	16.47	0.112
9/15/2019	03:06	16.44	0.158
9/15/2019	03:07	16.42	0.14
9/15/2019	03:08	16.41	0.148
9/15/2019	03:09	16.41	0.106
9/15/2019	03:10	16.42	0.112
9/15/2019	03:11	16.42	0.093
9/15/2019	03:12	16.41	0.076
9/15/2019	03:13	16.42	0.13
9/15/2019	03:14	16.43	0.107
9/15/2019	03:15	16.42	0.084
9/15/2019	03:16	16.41	0.121
9/15/2019	03:17	16.4	0.081
9/15/2019	03:18	16.39	0.053
9/15/2019	03:19	16.37	0.042
9/15/2019	03:20	16.36	0.066
9/15/2019	03:21	16.34	0.159
9/15/2019	03:22	16.34	0.233
9/15/2019	03:23	16.35	0.168
9/15/2019	03:24	16.34	0.09
9/15/2019	03:25	16.31	0.06
9/15/2019	03:26	16.29	0.096
9/15/2019	03:27	16.27	0.069
9/15/2019	03:28	16.25	0.096
9/15/2019	03:29	16.23	0.227
9/15/2019	03:30	16.22	0.226
9/15/2019	03:31	16.23	0.232
9/15/2019	03:32	16.25	0.214
9/15/2019	03:33	16.28	0.227
9/15/2019	03:34	16.3	0.118
9/15/2019	03:35	16.29	0.076
9/15/2019	03:36	16.28	0.146
9/15/2019	03:37	16.27	0.158
9/15/2019	03:38	16.26	0.201

288.3	148.0785655	16.61	0.172
288.9	148.4657012	16.6	0.156
294.4	152.9052402	16.59	0.186
302.4	162.6370044	16.59	0.176
311.8	192.5757179	16.58	0.174
304.2	165.4588142	16.6	0.214
288.7	148.3346233	16.62	0.181
277.1	144.0026586	16.64	0.16
255	152.7142528	16.64	0.185
249.1	159.3928048	16.65	0.159
250.4	157.7265948	16.67	0.164
258	150.1223115	16.69	0.171
220	157.0502204	16.7	0.096
173.4	130.5013785	16.7	0.112
106	146.7610226	16.7	0.177
72.08	155.7415311	16.67	0.211
60.51	173.7175396	16.62	0.138
15.32	130.2898276	16.58	0.133
352.4	130.9739291	16.54	0.13
316.7	190.9470722	16.5	0.124
321.7	174.7556358	16.48	0.147
322	173.9118416	16.47	0.126
324.2	168.1018522	16.47	0.118
325.2	165.6664139	16.47	0.088
310.6	177.8276612	16.47	0.078
313.5	192.5757179	16.47	0.149
281.5	144.915171	16.47	0.121
252.2	155.6067462	16.47	0.078
258.3	149.8904009	16.45	0.094
278.3	144.1660972	16.45	0.097
227.6	175.0397923	16.45	0.05
130	176.4945334	16.43	0.025
74.41	153.2844261	16.42	0.032
93.3	143.9026392	16.42	0.114
93.1	143.914916	16.44	0.204
96.7	143.962286	16.48	0.185
115.3	153.7939153	16.49	0.109
55.77	184.67753	16.48	0.065
327.1	161.3606366	16.46	0.075
322	173.9118416	16.42	0.052
273.2	143.9085582	16.39	0.066
260.7	148.2055809	16.36	0.168
252.1	155.7190033	16.35	0.166
234.3	188.6345537	16.39	0.195
213.1	145.6685335	16.46	0.213
198.9	132.1093104	16.54	0.269
183	128.065931	16.57	0.1
145.4	165.1937679	16.55	0.059
149.7	156.0881634	16.53	0.13
127.6	171.5400605	16.52	0.158
131.6	180.1392477	16.49	0.184

267.6	144.9460055	16.89	0.327
269.3	144.4833098	16.86	0.306
268.3	144.7396894	16.84	0.32
268.8	144.6058796	16.84	0.267
280.1	144.530992	16.85	0.259
289.6	148.9406289	16.89	0.267
270	144.3305061	16.92	0.346
264.7	146.0402375	16.93	0.283
249.2	159.2604663	16.92	0.264
236.1	183.8283932	16.93	0.242
222.8	162.8998881	16.93	0.199
226.2	171.1905949	16.94	0.211
217.9	153.1644801	16.95	0.174
167	134.3026158	16.95	0.106
109.9	149.1519294	16.94	0.113
45.31	168.8819735	16.92	0.282
13.96	129.743411	16.87	0.264
359.1	128.6080861	16.83	0.214
330.7	154.2338617	16.78	0.228
302.2	162.3392225	16.74	0.194
279.7	144.4374183	16.72	0.245
275.4	143.8796248	16.72	0.227
278.8	144.2529947	16.73	0.246
269	144.5555056	16.74	0.176
268.4	144.7120259	16.73	0.184
269.7	144.3933148	16.73	0.243
265.8	145.579304	16.73	0.221
250.4	157.7265948	16.71	0.142
259.3	149.1519294	16.7	0.191
267.8	144.8847909	16.7	0.191
258.8	149.5145601	16.69	0.111
0	128.4296876	16.67	0.041
27.17	138.63378	16.66	0.077
65.95	163.9372762	16.65	0.103
72.27	155.5285442	16.66	0.191
73.22	154.4976451	16.67	0.193
84.4	146.17582	16.68	0.146
63.53	167.9618381	16.68	0.115
325.4	165.1937679	16.66	0.08
322.5	172.5339195	16.63	0.087
257.8	150.2796092	16.59	0.08
246.9	162.4877295	16.56	0.207
246.1	163.7036852	16.55	0.233
221.3	159.6656133	16.58	0.276
190.6	128.7211479	16.66	0.303
179.2	128.5866722	16.77	0.256
162.2	138.4636301	16.83	0.204
130.1	176.7139881	16.82	0.133
128.1	172.5243387	16.82	0.146
113.7	152.2469608	16.84	0.191
109.9	149.1519294	16.9	0.211

282.1	145.1070106	17.14	0.409	283.8	145.7403654	17.3
278.8	144.2529947	17.1	0.382	282.2	145.1405816	17.26
286	146.7610226	17.07	0.384	288	147.8918251	17.25
290.1	149.2954063	17.07	0.343	294.1	152.6196347	17.29
300.2	159.5258496	17.1	0.328	299.4	158.4811294	17.4
299.9	159.1288318	17.19	0.358	302	162.0444998	17.52
281.7	144.9772949	17.23	0.386	282.5	145.2440439	17.54
266.6	145.2794496	17.24	0.294	266.9	145.1746105	17.6
247.3	161.8982783	17.24	0.325	243.9	167.3143222	17.63
235.9	184.3413566	17.23	0.297	235.1	186.4450707	17.6
224.4	166.6259865	17.22	0.256	228.1	176.4826621	17.57
228.4	177.3663815	17.22	0.255	229.6	181.0419634	17.56
217.1	151.7871691	17.21	0.214	221.1	159.2522329	17.55
175.6	129.6117355	17.21	0.132	196.7	130.9247236	17.53
118.6	157.480505	17.19	0.069	151.3	153.1644801	17.54
59.02	176.8903335	17.17	0.2	46.32	171.509892	17.5
41.22	159.4997707	17.14	0.287	29.11	140.6941033	17.46
12.76	129.3253463	17.11	0.27	9.21	128.4314931	17.4
343	137.6847037	17.06	0.286	345.8	135.2306555	17.34
313.9	192.5757179	17.02	0.268	320.9	177.070287	17.3
300.2	159.5258496	17	0.335	298.4	157.2370948	17.28
300.4	159.7940691	17.01	0.334	298.6	157.480505	17.27
306.6	169.6432085	17.02	0.338	301.7	161.6081001	17.25
306.4	169.2750169	17.02	0.278	303.6	164.489319	17.23
296.5	155.0549457	17	0.266	295.2	153.6927882	17.19
298.7	157.6032138	16.99	0.307	296.3	154.8386144	17.17
283.9	145.7817973	16.98	0.291	286.3	146.9181461	17.16
266	145.5015641	16.97	0.214	274.2	143.869106	17.15
266.7	145.2440439	16.96	0.235	272.5	143.962286	17.14
270.6	144.2169051	16.95	0.22	274	143.8734887	17.11
268.5	144.6848135	16.93	0.15	271.5	144.0764313	17.1
307.4	171.1531239	16.92	0.077	289.9	149.1519294	17.08
356.6	129.2740865	16.9	0.1	321.9	174.1916691	17.06
38.86	154.8908835	16.89	0.107	5.825	128.0452647	17.05
51.38	186.9388368	16.88	0.207	33.87	146.7525777	17.04
56.15	183.7009474	16.88	0.208	32.25	144.5203807	17.03
57.8	179.6677453	16.89	0.165	28.7	140.2401479	17.04
45.49	169.3405613	16.88	0.17	31.68	143.7781441	17.03
357.8	128.9229071	16.87	0.132	9.04	128.4013389	17.02
350.1	132.2277664	16.83	0.1	354.4	130.0717042	16.99
307.1	170.5798662	16.8	0.084	319	182.967997	17
256.3	151.5291125	16.76	0.156	259	149.3679312	17
239.6	175.6274687	16.74	0.21	239.4	176.0588609	16.98
213.3	145.9460296	16.75	0.236	217.7	152.8150171	16.96
194	129.7583745	16.81	0.201	199.4	132.4088779	16.99
187	128.1283904	16.9	0.124	186.5	128.0864199	17.03
183.2	128.0542255	16.96	0.086	188.3	128.2833916	17.06
164.1	136.6710803	17	0.06	186.4	128.0791994	17.1
156.5	145.1219829	17.01	0.049	136.9	190.2134023	17.17
119	157.9753829	17.03	0.156	90.8	144.18259	17.23
103.7	145.6994008	17.11	0.249	83	146.8652868	17.31

0.5	304.6	166.1216858	149.9987266	Yes
0.469	303.8	164.8092124	149.4303599	Yes
0.504	309.8	176.0588609	153.6713276	Yes
0.517	315	192.5757179	160.3467286	Yes
0.552	328.8	157.837148	162.5901674	Yes
0.533	327.4	160.717127	159.2579803	Yes
0.486	301.5	161.3209223	148.8414781	Yes
0.488	285.9	146.709616	145.4413145	Yes
0.436	261.9	147.4736091	157.7321857	Yes
0.42	249.4	158.9978987	174.6011048	Yes
0.392	240.5	173.7380647	167.4946392	Yes
0.407	239.6	175.6274687	171.069744	Yes
0.352	232.4	190.5792409	162.3666687	Yes
0.246	226	170.6627261	139.2006359	Yes
0.11	235.4	185.6463296	158.4408534	Yes
0.12	8.28	128.2805037	160.2608467	Yes
0.208	3.834	128.0274414	146.3364532	Yes
0.241	354.4	130.0717042	129.3452915	Yes
0.309	340.8	139.914364	139.6075028	Yes
0.379	319.9	180.1014276	180.6067454	Yes
0.436	308.6	173.5332689	161.8978535	Yes
0.469	307.7	171.7349716	161.3602024	Yes
0.478	307.5	171.3461128	162.9904536	Yes
0.404	307.3	170.9610894	162.989469	Yes
0.422	304	165.1323684	159.2839579	Yes
0.455	305.6	167.8384137	163.4498549	Yes
0.407	294.9	153.3930028	147.3174843	Yes
0.339	288.3	148.0785655	150.1565153	Yes
0.364	285.8	146.658692	146.9814704	Yes
0.342	284.8	146.17582	144.6634204	Yes
0.247	285.9	146.709616	152.0050426	Yes
0.134	290.2	149.3679312	154.9194411	Yes
0.141	317	189.8495428	157.0467009	Yes
0.138	355.2	129.7583745	144.1068876	Yes
0.212	28.6	140.1309578	154.6531665	Yes
0.232	25.32	136.8685792	152.7099677	Yes
0.221	27.82	139.2995761	151.8354409	Yes
0.244	34.75	148.0444203	162.7604987	Yes
0.251	26.58	138.0502426	144.3857786	Yes
0.218	26.22	137.7037435	149.289795	Yes
0.256	9.84	128.5532391	155.2578539	Yes
0.172	336.9	144.586539	151.2353786	Yes
0.151	276.1	143.914916	163.0047868	Yes
0.221	235.4	185.6463296	166.5415087	Yes
0.123	200.7	133.2418584	133.9597584	Yes
0.117	181.4	128.2159189	129.0253423	Yes
0.049	344.8	136.0597477	131.7853852	Yes
0.05	12.89	129.3677678	147.2051607	Yes
0.098	54.4	188.3560461	170.4607867	Yes
0.168	67	162.3392225	157.6568433	Yes
0.259	59.8	175.2003149	159.4112359	Yes

9/15/2019	03:39	16.24	0.127
9/15/2019	03:40	16.22	0.109
9/15/2019	03:41	16.2	0.041
9/15/2019	03:42	16.18	0.022
9/15/2019	03:43	16.16	0.053
9/15/2019	03:44	16.14	0.091
9/15/2019	03:45	16.12	0.072
9/15/2019	03:46	16.11	0.073
9/15/2019	03:47	16.1	0.074
9/15/2019	03:48	16.1	0.067
9/15/2019	03:49	16.09	0.071
9/15/2019	03:50	16.07	0.063
9/15/2019	03:51	16.06	0.066
9/15/2019	03:52	16.05	0.106
9/15/2019	03:53	16.05	0.138
9/15/2019	03:54	16.04	0.174
9/15/2019	03:55	16.04	0.19
9/15/2019	03:56	16.04	0.178
9/15/2019	03:57	16.04	0.196
9/15/2019	03:58	16.04	0.137
9/15/2019	03:59	16.05	0.145
9/15/2019	04:00	16.06	0.132
9/15/2019	04:01	16.07	0.118
9/15/2019	04:02	16.08	0.117
9/15/2019	04:03	16.12	0.196
9/15/2019	04:04	16.14	0.166
9/15/2019	04:05	16.15	0.094
9/15/2019	04:06	16.16	0.1
9/15/2019	04:07	16.18	0.103
9/15/2019	04:08	16.19	0.079
9/15/2019	04:09	16.19	0.1
9/15/2019	04:10	16.2	0.076
9/15/2019	04:11	16.19	0.047
9/15/2019	04:12	16.17	0.06
9/15/2019	04:13	16.15	0.126
9/15/2019	04:14	16.13	0.14
9/15/2019	04:15	16.12	0.174
9/15/2019	04:16	16.11	0.143
9/15/2019	04:17	16.1	0.165
9/15/2019	04:18	16.1	0.177
9/15/2019	04:19	16.09	0.148
9/15/2019	04:20	16.07	0.075
9/15/2019	04:21	16.05	0.097
9/15/2019	04:22	16.03	0.051
9/15/2019	04:23	16.02	0.063
9/15/2019	04:24	16.01	0.082
9/15/2019	04:25	16.02	0.157
9/15/2019	04:26	16.06	0.132
9/15/2019	04:27	16.07	0.131
9/15/2019	04:28	16.09	0.151
9/15/2019	04:29	16.1	0.129

129.5	175.4133646	16.46	0.15
156.3	145.3938588	16.42	0.125
158.3	142.7974765	16.38	0.072
0	128.4296876	16.35	0.036
62.31	170.1836341	16.32	0.049
89.2	144.5069269	16.3	0.083
90.1	144.310461	16.32	0.082
120.1	159.3928048	16.33	0.101
138.5	184.6202228	16.37	0.109
162.6	138.0697036	16.4	0.079
163.7	137.032099	16.4	0.082
141.2	176.1911131	16.41	0.071
152.2	151.6188155	16.42	0.067
208.5	140.0223639	16.41	0.077
225.1	168.3521774	16.36	0.141
229.8	181.6772422	16.33	0.166
227.2	173.9118416	16.3	0.156
247.8	161.1784514	16.28	0.118
257.5	150.5196185	16.27	0.125
249.7	158.6092822	16.27	0.085
250.1	158.1007946	16.27	0.107
256.7	151.183739	16.28	0.103
256.6	151.2692438	16.29	0.114
275.8	143.897159	16.3	0.122
306	168.5495467	16.32	0.167
282.6	145.2794496	16.33	0.139
279.5	144.3933148	16.34	0.076
294.1	152.6196347	16.35	0.105
303.6	164.489319	16.36	0.103
309	174.3585583	16.38	0.099
329	157.4417417	16.38	0.101
346.7	134.5279034	16.37	0.064
17.69	131.4311719	16.36	0.039
357.2	129.0911795	16.35	0.054
32.91	145.4075259	16.33	0.052
61.09	172.5442738	16.3	0.07
82.7	147.0253234	16.28	0.089
87.7	144.915171	16.27	0.082
80.4	148.3999072	16.27	0.097
67.25	161.9712944	16.27	0.122
66.56	162.9984151	16.26	0.108
33.67	146.4669134	16.24	0.097
352.8	130.7797169	16.21	0.089
321.3	175.9010607	16.18	0.051
308.1	172.5243387	16.16	0.073
356.7	129.2425815	16.15	0.087
350.4	132.0507649	16.15	0.141
340	140.7951122	16.17	0.121
336.4	145.2575724	16.19	0.103
332.8	150.6260744	16.2	0.107
333.7	149.1915112	16.19	0.074

114.8	153.294267	16.84	0.255
130.1	176.7139881	16.79	0.204
129.2	174.7773583	16.73	0.126
147.7	160.0831011	16.69	0.095
67.6	161.4641376	16.67	0.124
91.1	144.1344398	16.7	0.169
80.6	148.2698482	16.74	0.166
83.4	146.658692	16.76	0.164
93.6	143.8875148	16.79	0.16
116.4	154.9464686	16.82	0.113
114.6	153.0985737	16.82	0.091
95.5	143.8833505	16.84	0.115
100.3	144.580468	16.86	0.102
173.2	130.5924354	16.86	0.109
187.7	128.2036041	16.76	0.241
180.5	128.3444613	16.69	0.212
195.6	130.4120364	16.63	0.228
210	141.7148217	16.59	0.246
223.4	164.2624968	16.57	0.28
220.9	158.8429179	16.57	0.231
259.9	148.733998	16.57	0.233
267.2	145.0738969	16.58	0.201
267.2	145.0738969	16.58	0.204
268.6	144.6580519	16.59	0.189
283.1	145.4633897	16.59	0.245
257	150.9305587	16.59	0.202
266.2	145.4256783	16.6	0.138
266.9	145.1746105	16.6	0.165
269.6	144.4151432	16.6	0.205
263.2	146.7610226	16.62	0.21
265.2	145.823697	16.63	0.193
258.9	149.4409821	16.62	0.151
316.4	192.0626612	16.62	0.126
247.6	161.4641376	16.62	0.133
345.2	135.7219305	16.62	0.147
44.98	168.0519378	16.6	0.155
69.57	158.7769148	16.58	0.148
82.1	147.3585869	16.56	0.138
65.1	165.2951784	16.55	0.182
51.26	186.5235328	16.54	0.228
25.29	136.8414951	16.53	0.225
4.476	128.0162998	16.51	0.201
337.9	143.2953883	16.5	0.178
343.8	136.9410396	16.49	0.153
308.5	173.3294827	16.48	0.155
314.8	192.5757179	16.48	0.17
317.6	187.7071962	16.49	0.195
288.4	148.1418203	16.49	0.196
297.4	156.0596058	16.49	0.165
289.3	148.733998	16.49	0.218
330.8	154.0534207	16.48	0.216

110.3	149.4409821	17.12	0.248	90.2	144.2908609	17.35
123.8	164.8092124	17.1	0.27	113	151.6168585	17.35
124.4	165.7885774	17.04	0.217	109.6	148.9406289	17.32
126.9	170.2024087	17.01	0.167	100.4	144.6058796	17.3
83.7	146.5088075	16.99	0.187	59.67	175.4774848	17.29
68.06	160.8114905	17.01	0.214	56.8	182.0726285	17.3
65.8	164.1726616	17.04	0.206	54.97	186.794925	17.34
65.45	164.7289342	17.06	0.2	49.43	180.5071831	17.35
77.15	150.8058349	17.09	0.182	60.55	173.6355403	17.36
85.6	145.6589028	17.1	0.13	53.34	191.3806962	17.35
86	145.5015641	17.1	0.118	51.31	186.6962522	17.34
64.58	166.1551817	17.11	0.104	47.22	173.9676928	17.33
67.25	161.9712944	17.12	0.076	53.33	191.4100069	17.35
156.8	144.7193684	17.12	0.074	49.28	180.0392477	17.35
186.3	128.0723698	17.06	0.145	188.9	128.3773651	17.32
202.6	134.6039881	17	0.189	194.8	130.0717042	17.27
202	134.1548834	16.95	0.234	193.5	129.5761138	17.2
223.5	164.4935779	16.91	0.263	217.3	152.1263931	17.15
235.4	185.6463296	16.88	0.335	233.7	190.3353042	17.11
232.4	190.5792409	16.88	0.301	233.4	191.2051427	17.09
238	179.2008824	16.89	0.311	232.2	189.8495428	17.09
245.3	164.9703808	16.89	0.279	239.3	176.2761595	17.08
241.8	171.1531239	16.88	0.259	234.9	186.9842516	17.06
249	159.5258496	16.87	0.236	238.1	178.969176	17.04
264.2	146.2685776	16.87	0.267	247.5	161.6081001	17.06
245.7	164.3305874	16.86	0.283	238.3	178.509184	17.08
249.8	158.4811294	16.85	0.205	239.7	175.4133646	17.06
258.3	149.8904009	16.85	0.238	246.2	163.5489495	17.05
259.3	149.1519294	16.84	0.228	249.7	158.6092822	17.03
268.3	144.7396894	16.84	0.23	256.9	151.0143979	17.02
281.3	144.8548646	16.85	0.215	271.4	144.0902707	17.03
289.8	149.0809751	16.86	0.203	279.8	144.4601404	17.05
287.6	147.6498563	16.87	0.18	287.6	147.6498563	17.08
297.4	156.0596058	16.87	0.175	302.5	162.7870502	17.1
341	139.7001382	16.86	0.184	331.1	153.51742	17.09
16.51	130.8324323	16.84	0.178	358.3	128.7937914	17.04
30.11	141.8443909	16.8	0.161	8.68	128.3412579	16.99
31.38	143.3962277	16.77	0.154	3.784	128.0289839	16.95
35.97	149.9326301	16.74	0.202	12.42	129.2176718	16.9
28.2	139.7001382	16.72	0.246	9.22	128.4333025	16.85
32.77	145.2168225	16.7	0.257	11.98	129.0853352	16.81
5.541	128.033267	16.69	0.242	346.7	134.5279034	16.78
339.6	141.2500277	16.69	0.207	323.2	170.6627261	16.78
320.2	179.1755005	16.68	0.177	321	176.7757169	16.78
312.4	192.5757179	16.68	0.17	322.5	172.5339195	16.77
323.3	170.4007875	16.68	0.185	326.1	163.5761126	16.75
329.6	156.2786798	16.68	0.226	323.1	170.9259926	16.74
313.2	192.5757179	16.68	0.242	305.4	167.4881453	16.76
310.9	178.509184	16.69	0.255	303.8	164.8092124	16.8
298.7	157.6032138	16.69	0.292	294	152.5255981	16.8
299.1	158.1007946	16.68	0.281	294.3	152.8094541	16.81

0.265	67.5	161.6081001	156.8095149	Yes
0.216	84.8	145.9959883	156.9059812	Yes
0.229	76.54	151.3208144	156.7249711	Yes
0.206	65.08	165.3278394	153.7297833	Yes
0.276	49.22	179.8530968	166.6974322	Yes
0.328	49.17	179.6984152	162.2447802	Yes
0.343	42.96	163.2592868	161.3614365	Yes
0.361	33.97	146.8965002	159.6368229	Yes
0.254	41.32	159.7071766	162.5312579	Yes
0.216	31.93	144.1009902	154.8313523	Yes
0.176	27.68	139.1541194	152.2965217	Yes
0.207	24.88	136.4761598	159.3346996	Yes
0.2	22.18	134.2877542	156.7736678	Yes
0.169	25.5	137.032099	146.4811029	Yes
0.066	24.22	135.9067023	137.7824437	Yes
0.054	318.5	184.6202228	151.8635237	Yes
0.085	206.8	138.2655439	141.2640838	Yes
0.112	240.2	174.3585583	158.7743605	Yes
0.263	248.9	159.6596036	170.0846706	Yes
0.333	245.8	164.1726616	172.681849	Yes
0.374	243.3	168.3704292	168.8511294	Yes
0.34	245.8	164.1726616	160.3353676	Yes
0.363	242.2	170.3906689	164.974237	Yes
0.35	245.9	164.0155381	158.2131549	Yes
0.387	246.1	163.7036852	157.1186599	Yes
0.336	254.4	153.294267	158.4688093	Yes
0.3	245.2	165.1323684	157.7691711	Yes
0.293	246.1	163.7036852	154.9874562	Yes
0.317	254.9	152.8094541	153.8950256	Yes
0.308	265.5	145.6994008	152.5146138	Yes
0.306	280.4	144.6058796	147.3632907	Yes
0.288	304.3	165.6232794	148.6266561	Yes
0.252	320.8	177.3663815	159.2319854	Yes
0.252	316.9	190.2134023	159.9230751	Yes
0.222	329.9	155.7099409	146.0113911	Yes
0.158	358.6	128.7211479	145.7887167	Yes
0.131	2.663	128.0891906	140.8154155	Yes
0.108	2.966	128.0680763	138.3534092	Yes
0.172	9.57	128.4991315	144.2689038	Yes
0.203	8.73	128.3492961	148.9955128	Yes
0.218	9.87	128.5594301	140.5402996	Yes
0.223	358.7	128.6977354	133.1484238	Yes
0.207	347.9	133.6531567	143.9282031	Yes
0.187	345.5	135.4739906	160.8534617	Yes
0.158	332.1	151.7871691	172.5501256	Yes
0.19	323.1	170.9259926	165.3442384	Yes
0.232	323.8	169.1107479	163.2146763	Yes
0.278	316	192.5757179	168.3153027	Yes
0.296	314.4	192.5757179	167.4422585	Yes
0.33	305.6	167.8384137	155.4654596	Yes
0.332	309.8	176.0588609	158.0428083	Yes

9/15/2019	04:30	16.1	0.099
9/15/2019	04:31	16.08	0.047
9/15/2019	04:32	16.07	0.09
9/15/2019	04:33	16.07	0.07
9/15/2019	04:34	16.06	0.057
9/15/2019	04:35	16.04	0.057
9/15/2019	04:36	16.01	0.074
9/15/2019	04:37	15.99	0.122
9/15/2019	04:38	15.97	0.152
9/15/2019	04:39	15.95	0.193
9/15/2019	04:40	15.94	0.238
9/15/2019	04:41	15.94	0.233
9/15/2019	04:42	15.94	0.156
9/15/2019	04:43	15.93	0.132
9/15/2019	04:44	15.93	0.117
9/15/2019	04:45	15.94	0.173
9/15/2019	04:46	15.97	0.305
9/15/2019	04:47	16	0.315
9/15/2019	04:48	16.03	0.302
9/15/2019	04:49	16.04	0.259
9/15/2019	04:50	16.03	0.291
9/15/2019	04:51	16.01	0.288
9/15/2019	04:52	15.99	0.302
9/15/2019	04:53	15.96	0.229
9/15/2019	04:54	15.94	0.197
9/15/2019	04:55	15.91	0.195
9/15/2019	04:56	15.89	0.181
9/15/2019	04:57	15.87	0.239
9/15/2019	04:58	15.85	0.17
9/15/2019	04:59	15.84	0.135
9/15/2019	05:00	15.83	0.121
9/15/2019	05:01	15.81	0.102
9/15/2019	05:02	15.8	0.212
9/15/2019	05:03	15.78	0.265
9/15/2019	05:04	15.75	0.288
9/15/2019	05:05	15.71	0.312
9/15/2019	05:06	15.68	0.297
9/15/2019	05:07	15.66	0.258
9/15/2019	05:08	15.64	0.24
9/15/2019	05:09	15.62	0.255
9/15/2019	05:10	15.61	0.218
9/15/2019	05:11	15.6	0.195
9/15/2019	05:12	15.59	0.251
9/15/2019	05:13	15.58	0.263
9/15/2019	05:14	15.56	0.328
9/15/2019	05:15	15.55	0.335
9/15/2019	05:16	15.54	0.354
9/15/2019	05:17	15.54	0.233
9/15/2019	05:18	15.54	0.242
9/15/2019	05:19	15.54	0.288
9/15/2019	05:20	15.55	0.269

333.2	149.9805289	16.18	0.074
343.8	136.9410396	16.17	0.042
334.8	147.5237341	16.15	0.068
338.3	142.7974765	16.15	0.067
319.3	181.9973899	16.15	0.069
267.8	144.8847909	16.15	0.06
215.7	149.5047542	16.13	0.052
226.2	171.1905949	16.11	0.084
220.9	158.8429179	16.09	0.123
234.1	189.1957803	16.1	0.121
255.7	152.0640803	16.11	0.132
262.1	147.3585869	16.14	0.157
274.4	143.8664765	16.13	0.097
279	144.2908609	16.12	0.114
254	153.6927882	16.14	0.092
234.4	188.3560461	16.14	0.103
232.5	190.9470722	16.16	0.215
235.4	185.6463296	16.2	0.215
228.8	178.5661959	16.21	0.222
207.5	138.968767	16.21	0.255
207.8	139.278727	16.19	0.321
211	142.9209771	16.17	0.288
218.8	154.7805667	16.13	0.322
214.4	147.5237341	16.08	0.275
210.7	142.5524154	16.04	0.239
205.9	137.4017445	16.01	0.259
205.4	136.9410396	15.98	0.244
209.6	141.2500277	15.95	0.268
192.2	129.1505175	15.93	0.246
183.4	128.0440822	15.9	0.149
182.7	128.0864199	15.89	0.13
156.7	144.8528837	15.88	0.1
95.7	143.8921176	15.86	0.125
93.9	143.8763375	15.85	0.183
89.6	144.4151432	15.83	0.276
85.5	145.6994008	15.79	0.302
84.3	146.2219614	15.75	0.299
86.2	145.4256783	15.72	0.264
85.9	145.540202	15.7	0.258
83.3	146.709616	15.67	0.269
79.54	148.9825144	15.66	0.257
67.84	161.1216709	15.65	0.214
55.69	184.8854898	15.64	0.248
44.17	166.0718898	15.63	0.307
38.21	153.7130308	15.6	0.356
30.25	142.010398	15.59	0.363
26.26	137.7418891	15.57	0.372
13.95	129.7396806	15.55	0.286
17.66	131.4151903	15.55	0.299
29.03	140.6047303	15.55	0.278
31.32	143.3205587	15.56	0.231

342.4	138.2655439	16.47	0.188
0.596	128.3292288	16.45	0.133
333.5	149.5047542	16.46	0.187
317.5	188.0594614	16.47	0.176
276.2	143.9217129	16.47	0.147
260.9	148.0785655	16.47	0.104
183.9	128.0255546	16.46	0.055
192	129.0911795	16.44	0.085
190.8	128.7691755	16.41	0.172
218.3	153.8738695	16.4	0.242
219.4	155.8985853	16.41	0.304
237.5	180.3767538	16.42	0.321
238.4	178.2808867	16.43	0.293
258.6	149.6633025	16.44	0.283
226.6	172.2625195	16.45	0.208
227.4	174.472931	16.44	0.218
219.5	156.0881634	16.44	0.336
220.2	157.4417417	16.46	0.365
201	133.4453614	16.45	0.38
186.5	128.0864199	16.44	0.396
181.1	128.2552218	16.42	0.474
182.1	128.1379589	16.39	0.456
188	128.2417275	16.34	0.445
183.4	128.0440822	16.27	0.376
183.2	128.0542255	16.21	0.345
180.8	128.2980674	16.16	0.394
179.8	128.4665503	16.12	0.369
181.9	128.1582717	16.08	0.33
174.1	130.1961465	16.05	0.363
165.8	135.2306555	16.02	0.257
168.9	132.977145	16	0.209
145.4	165.1937679	15.99	0.143
76.98	150.9472823	15.97	0.157
68.91	159.6461962	15.97	0.255
55.99	184.1098916	15.96	0.411
51.57	187.6018852	15.94	0.469
50.35	183.459086	15.92	0.472
50.83	185.0570197	15.89	0.407
52.49	190.910199	15.85	0.395
50.03	182.4161052	15.82	0.416
43.21	163.8265985	15.8	0.39
41.57	160.2302	15.8	0.336
31.14	143.0949704	15.81	0.407
18.37	131.8041783	15.8	0.425
9.63	128.5109049	15.8	0.524
3.717	128.0312038	15.81	0.526
1.282	128.2309557	15.79	0.536
354	130.2384741	15.79	0.44
359.1	128.6080861	15.79	0.462
2.049	128.1429898	15.8	0.438
359.6	128.5050003	15.81	0.371

302.3	162.4877295	16.67	0.258	299.7	158.8676643	16.81
309.1	174.5674412	16.66	0.22	306.3	169.0922914	16.8
312.1	192.5757179	16.67	0.268	313.2	192.5757179	16.84
318	186.3168781	16.68	0.249	319.7	180.726811	16.86
315.4	192.5757179	16.69	0.222	321.5	175.3254093	16.86
312	192.5757179	16.7	0.166	320.7	177.6640101	16.86
293.6	152.1552339	16.69	0.103	318.2	185.6327901	16.85
241.3	172.1277015	16.67	0.083	280.1	144.530992	16.84
214.5	147.6715655	16.65	0.139	228.8	178.5661959	16.83
223.8	165.1937679	16.62	0.219	230.4	183.6236488	16.8
233.9	189.7626755	16.62	0.287	236	184.0842372	16.79
236.9	181.8267455	16.62	0.341	234.1	189.1957803	16.79
249	159.5258496	16.64	0.37	244.8	165.7885774	16.8
257.1	150.8472717	16.66	0.343	248.9	159.6596036	16.8
246.6	162.9378699	16.67	0.296	243.2	168.5495467	16.8
221.6	160.2933984	16.66	0.281	222.4	162.0137796	16.77
215.5	149.1915112	16.65	0.385	217.9	153.1644801	16.75
218	153.3405134	16.65	0.419	217.3	152.1263931	16.74
208.9	140.4603245	16.64	0.448	212.4	144.7193684	16.73
193.8	129.6842235	16.63	0.474	199.4	132.4088779	16.73
189.5	128.4855767	16.62	0.537	193.4	129.5409061	16.74
187	128.1283904	16.62	0.551	191.5	128.9499403	16.76
189.8	128.5450401	16.58	0.538	184.7	128.016195	16.79
180	128.4296876	16.5	0.45	175	129.8341932	16.73
180.5	128.3444613	16.42	0.415	176.8	129.2114853	16.68
176.3	129.3710598	16.35	0.453	174.5	130.0310681	16.6
175.3	129.7210908	16.29	0.424	177.1	129.120645	16.55
177.7	128.9499403	16.24	0.433	180.3	128.3773651	16.5
171.9	131.2265166	16.2	0.422	173.2	130.5924354	16.44
166.7	134.5279034	16.17	0.335	172	131.1751217	16.4
165.9	135.1505606	16.15	0.28	172.9	130.7322487	16.37
154.3	148.2703958	16.14	0.208	165.5	135.4739906	16.37
85.8	145.579304	16.12	0.167	107.4	147.531862	16.35
83.7	146.5088075	16.11	0.269	90.2	144.2908609	16.33
67.77	161.2211147	16.11	0.396	70.7	157.3584661	16.31
56.15	183.7009474	16.1	0.536	54.32	188.5787404	16.28
56.97	181.6553512	16.09	0.58	55.6	185.120437	16.26
55.52	185.3301652	16.08	0.593	50.58	184.2196916	16.24
53.61	190.5948753	16.03	0.564	48.52	177.7237208	16.23
53.81	190.0196449	15.99	0.583	49.67	181.2635538	16.21
52.07	189.3794619	16	0.551	48.35	177.2181431	16.22
46.58	172.2084049	16.01	0.481	42.22	161.6207292	16.23
39.45	155.9932573	16.03	0.536	34.75	148.0444203	16.24
24.35	136.0170658	16.04	0.524	17.9	131.5441627	16.26
16.23	130.6992782	16.05	0.649	7.017	128.1299894	16.26
7.729	128.207135	16.06	0.677	358	128.870052	16.26
0.8	128.2980674	16.04	0.665	352.5	130.9247236	16.24
349.6	132.5319155	16.03	0.541	341.4	139.278727	16.21
356	129.4717308	16.03	0.559	347.7	133.7940871	16.2
4.833	128.0170585	16.03	0.534	353.7	130.3680067	16.19
3.471	128.0408569	16.03	0.519	354.5	130.0310681	16.19

0.33	315.4	192.5757179	160.4354369	Yes
0.3	323.8	169.1107479	155.6081498	Yes
0.371	332.7	150.7894808	166.593881	Yes
0.336	337.3	144.0620273	168.3925309	Yes
0.279	327.9	159.6656133	170.6971687	Yes
0.215	323.7	169.3661605	166.513849	Yes
0.168	319.7	180.726811	159.2090288	Yes
0.147	301	160.6159553	155.5112846	Yes
0.154	268.8	144.6058796	151.6911469	Yes
0.199	263.4	146.658692	167.7091517	Yes
0.31	253.1	154.6247674	167.2868691	Yes
0.378	254.2	153.4923338	170.4500401	Yes
0.42	259.7	148.8712346	159.266605	Yes
0.416	263.3	146.709616	150.2341309	Yes
0.368	250.4	157.7265948	163.0338638	Yes
0.349	235	186.7139875	174.3700285	Yes
0.447	231.9	188.7697038	167.6321861	Yes
0.487	228.6	177.9631823	165.303632	Yes
0.514	223.3	164.0325631	152.2447626	Yes
0.514	213.3	145.9460296	135.0188636	Yes
0.611	204.9	136.4937737	132.4108411	Yes
0.641	203.6	135.3923691	132.7059272	Yes
0.622	198.1	131.6535994	134.2474258	Yes
0.614	187.4	128.1690162	132.4001427	Yes
0.584	191.8	129.0334674	131.439211	Yes
0.551	191.4	128.9229071	130.8049694	Yes
0.498	196.6	130.8759536	131.0250559	Yes
0.47	197	131.0736496	131.5618509	Yes
0.504	188.5	128.3131374	129.8957507	Yes
0.422	189.6	128.5050003	131.4965526	Yes
0.332	194.5	129.9510588	131.3794866	Yes
0.204	200.7	133.2418584	145.4065793	Yes
0.112	144.9	166.3842917	150.8669715	Yes
0.146	108.3	148.0785655	148.4801535	Yes
0.265	92.1	144.0026586	158.2214548	Yes
0.416	71.92	155.9226731	172.3007294	Yes
0.464	69.02	159.499184	171.1912039	Yes
0.527	63.87	167.3663777	173.4797865	Yes
0.556	55.92	184.2898303	177.8117655	Yes
0.527	54.47	188.1619203	177.7141681	Yes
0.463	54.43	188.2727659	173.5358967	Yes
0.44	52.08	189.4155047	168.9193019	Yes
0.483	39.97	156.9918249	157.8019925	Yes
0.567	35.27	148.8351374	142.8544868	Yes
0.715	18.67	131.9753341	134.6057075	Yes
0.792	8.82	128.3640139	131.0965606	Yes
0.782	0.13	128.4065771	130.7204426	Yes
0.733	355.5	129.6477719	132.2873138	Yes
0.704	356.7	129.2425815	130.5063351	Yes
0.653	3.183	128.0551597	131.037589	Yes
0.67	0.783	128.3006015	131.6396171	Yes

9/15/2019	05:21	15.55	0.207
9/15/2019	05:22	15.56	0.173
9/15/2019	05:23	15.56	0.112
9/15/2019	05:24	15.58	0.114
9/15/2019	05:25	15.59	0.147
9/15/2019	05:26	15.59	0.085
9/15/2019	05:27	15.58	0.058
9/15/2019	05:28	15.57	0.068
9/15/2019	05:29	15.55	0.086
9/15/2019	05:30	15.54	0.067
9/15/2019	05:31	15.53	0.158
9/15/2019	05:32	15.51	0.264
9/15/2019	05:33	15.49	0.318
9/15/2019	05:34	15.48	0.344
9/15/2019	05:35	15.5	0.33
9/15/2019	05:36	15.52	0.276
9/15/2019	05:37	15.54	0.155
9/15/2019	05:38	15.61	0.158
9/15/2019	05:39	15.66	0.14
9/15/2019	05:40	15.7	0.078
9/15/2019	05:41	15.71	0.1
9/15/2019	05:42	15.7	0.112
9/15/2019	05:43	15.7	0.135
9/15/2019	05:44	15.7	0.158
9/15/2019	05:45	15.69	0.151
9/15/2019	05:46	15.69	0.173
9/15/2019	05:47	15.69	0.193
9/15/2019	05:48	15.69	0.171
9/15/2019	05:49	15.71	0.187
9/15/2019	05:50	15.73	0.258
9/15/2019	05:51	15.73	0.246
9/15/2019	05:52	15.72	0.161
9/15/2019	05:53	15.71	0.133
9/15/2019	05:54	15.71	0.172
9/15/2019	05:55	15.7	0.184
9/15/2019	05:56	15.7	0.212
9/15/2019	05:57	15.71	0.127
9/15/2019	05:58	15.7	0.068
9/15/2019	05:59	15.7	0.081
9/15/2019	06:00	15.7	0.138
9/15/2019	06:01	15.71	0.113
9/15/2019	06:02	15.71	0.182
9/15/2019	06:03	15.71	0.216
9/15/2019	06:04	15.7	0.202
9/15/2019	06:05	15.69	0.193
9/15/2019	06:06	15.68	0.182
9/15/2019	06:07	15.66	0.182
9/15/2019	06:08	15.65	0.127
9/15/2019	06:09	15.65	0.082
9/15/2019	06:10	15.63	0.031
9/15/2019	06:11	15.62	0.048

29.38	140.9986107	15.57	0.194
28.34	139.8498483	15.57	0.185
51.84	188.5558271	15.58	0.125
95.8	143.897159	15.58	0.068
106.8	147.1897488	15.61	0.068
148.3	158.8429179	15.62	0.041
130	176.4945334	15.62	0.033
201	133.4453614	15.62	0.049
265.9	145.540202	15.61	0.057
316.5	191.6887683	15.59	0.058
3.807	128.0282622	15.58	0.142
21.16	133.5556494	15.56	0.223
31.18	143.1449177	15.54	0.315
42.08	161.3174379	15.54	0.351
38.76	154.7072036	15.58	0.333
22.17	134.2803308	15.61	0.247
12.06	129.10881	15.6	0.115
351.1	131.6535994	15.63	0.121
3.137	128.0577442	15.67	0.102
312.1	192.5757179	15.7	0.06
237.1	181.3386201	15.74	0.079
235.4	185.6463296	15.76	0.094
262.3	147.2455367	15.81	0.125
262.3	147.2455367	15.85	0.145
253.6	154.1009172	15.86	0.121
248.4	160.3391006	15.84	0.129
250.1	158.1007946	15.83	0.134
276	143.9085582	15.83	0.106
324.8	166.6259865	15.84	0.134
347.2	134.1548834	15.83	0.209
351.4	131.490113	15.83	0.219
322.4	172.8067032	15.81	0.135
281.1	144.796372	15.79	0.082
268	144.8253918	15.78	0.119
250.1	158.1007946	15.77	0.128
248.8	159.7940691	15.78	0.15
269.2	144.5069269	15.78	0.078
321.4	175.6124958	15.78	0.032
306.1	168.7295603	15.77	0.03
285	146.2685776	15.77	0.053
312.2	192.5757179	15.78	0.055
342.2	138.4636301	15.77	0.13
2.084	128.1395263	15.77	0.176
347.2	134.1548834	15.75	0.18
0.74	128.3070621	15.73	0.177
12.5	129.2425815	15.72	0.185
17.51	131.3358802	15.7	0.179
1.21	128.2403997	15.68	0.129
325.6	164.7258126	15.67	0.067
101	144.7678047	15.66	0.039
70.18	158.0004108	15.65	0.045

1.2	128.2417275	15.81	0.328
4.751	128.0164446	15.82	0.317
6.889	128.1182279	15.82	0.258
28.15	139.6469499	15.83	0.159
47.69	175.2967816	15.83	0.171
115.1	153.5922617	15.83	0.142
29.29	140.8966141	15.83	0.109
169.5	132.5941263	15.83	0.057
245.1	165.2951784	15.81	0.065
320.4	178.5661959	15.8	0.12
349.5	132.5941263	15.8	0.232
357.9	128.8962779	15.8	0.368
1.466	128.2077471	15.83	0.5
10.71	128.7473645	15.91	0.566
12.87	129.3611963	16.01	0.543
0.998	128.2693916	16.04	0.413
338	143.1699306	16.04	0.254
324.9	166.3842917	16.07	0.3
332.3	151.4512959	16.11	0.254
272.4	143.9717192	16.15	0.172
239.8	175.2003149	16.16	0.107
232.9	192.4386028	16.17	0.146
264.4	146.17582	16.2	0.216
263.9	146.4112828	16.25	0.249
243.5	168.0148666	16.27	0.246
216.3	150.4634796	16.25	0.255
222.8	162.8998881	16.22	0.261
239.3	176.2761595	16.19	0.277
311	178.7386118	16.17	0.302
328.3	158.8429179	16.15	0.359
337.7	143.5482783	16.14	0.357
317.9	186.6616714	16.1	0.292
268.8	144.6058796	16.06	0.258
235.8	184.5997584	16.04	0.288
208.1	139.5939084	16.02	0.251
208	139.4882645	16.01	0.258
213.3	145.9460296	16	0.185
328.6	158.2364782	15.99	0.153
259.3	149.1519294	15.97	0.165
252	155.8318976	15.97	0.248
311.9	192.5757179	15.97	0.214
330.3	154.96461	15.97	0.264
347.1	134.2285045	15.97	0.292
334.2	148.4219956	15.96	0.317
350.8	131.8211113	15.94	0.267
355.2	129.7583745	15.94	0.277
355.5	129.6477719	15.94	0.247
342.9	137.780123	15.93	0.216
343.7	137.032099	15.93	0.142
2.465	128.1049275	15.91	0.097
0.337	128.3711587	15.9	0.088

5.965	128.0523377	16.04	0.426	355.7	129.5761138	16.19
7.378	128.1666188	16.05	0.411	355.6	129.6117355	16.19
12.58	129.2677528	16.05	0.306	2.7	128.0864199	16.19
43.62	164.7723985	16.05	0.221	24.64	136.2664401	16.18
53.14	191.9697341	16.04	0.285	31.95	144.1269992	16.18
66.54	163.0287344	16.03	0.235	38.17	153.6417764	16.18
51.25	186.4890444	16.04	0.225	31.77	143.8938864	16.2
67.79	161.1926651	16.03	0.107	39.77	156.6047239	16.2
321.4	175.6124958	16.03	0.103	352.7	130.8276183	16.2
341.8	138.8665983	16.01	0.2	346.1	134.9918873	16.2
354.9	129.8727295	16.02	0.322	351.8	131.2783518	16.27
3.099	128.0599415	16.08	0.426	352.8	130.7797169	16.33
2.55	128.0979839	16.19	0.53	353	130.6852129	16.43
11.32	128.9015714	16.32	0.658	359.5	128.5248214	16.53
11.57	128.9691041	16.44	0.611	1.284	128.2306963	16.64
358.9	128.6521114	16.49	0.45	351.1	131.6535994	16.67
349.2	132.7835393	16.49	0.386	342.6	138.0697036	16.67
348.4	133.3092177	16.5	0.369	339.8	141.0213439	16.68
346.7	134.5279034	16.51	0.336	340	140.7951122	16.68
328.4	158.6397721	16.52	0.225	320.5	178.2639076	16.7
278.8	144.2529947	16.53	0.178	288.5	148.2055809	16.72
265.7	145.6188708	16.54	0.181	273.7	143.8833505	16.74
264	146.3632375	16.57	0.214	272.3	143.9815923	16.76
258.7	149.5886665	16.6	0.187	264.6	146.0849588	16.79
252.9	154.8386144	16.62	0.237	253.8	153.8956445	16.8
237.6	180.1392477	16.62	0.312	241.9	170.9610894	16.81
238	179.2008824	16.59	0.354	236.9	181.8267455	16.77
251.9	155.945431	16.55	0.325	243.8	167.4881453	16.69
284.8	146.17582	16.5	0.329	274.1	143.8710782	16.65
311.9	192.5757179	16.46	0.441	296.3	154.8386144	16.68
316.7	190.9470722	16.44	0.468	305.8	168.1922038	16.75
300.8	160.3391006	16.37	0.382	297.6	156.2898875	16.7
275.4	143.8796248	16.31	0.322	279.1	144.310461	16.61
260	148.6661534	16.27	0.295	259.8	148.802358	16.52
235.9	184.3413566	16.24	0.335	235.7	184.8594495	16.46
231.3	186.6616714	16.22	0.346	231.5	187.3568179	16.42
247.1	162.1914802	16.2	0.269	244.4	166.4581678	16.38
279.9	144.4833098	16.18	0.195	269.4	144.4601404	16.35
275.2	143.8734887	16.16	0.206	266.1	145.4633897	16.31
268.1	144.796372	16.15	0.243	262.1	147.3585869	16.29
278.3	144.1660972	16.15	0.226	273.9	143.8763375	16.27
303.7	164.6488595	16.14	0.328	293.9	152.4321413	16.26
322.7	171.9924951	16.14	0.37	309.2	174.7773583	16.25
312.8	192.5757179	16.14	0.42	305.7	168.0148666	16.25
326.2	163.3495837	16.14	0.385	314.9	192.5757179	16.26
333.2	149.9805289	16.14	0.375	318.8	183.6236488	16.26
338.7	142.3099249	16.13	0.332	325.7	164.4935779	16.26
329.7	156.0881634	16.12	0.319	315.2	192.5757179	16.24
306.7	169.8286827	16.12	0.217	305	166.7980522	16.23
319.1	182.6427564	16.1	0.133	310.9	178.509184	16.21
345.8	135.2306555	16.09	0.12	322	173.9118416	16.2

0.555	3.217	128.0533026	130.9844184	Yes
0.565	3.35	128.0464716	130.7382238	Yes
0.45	8.58	128.3254775	140.470741	Yes
0.315	19.29	132.3419914	143.3849878	Yes
0.351	34.28	147.3473185	161.1861165	Yes
0.33	35.12	148.6049233	155.5421228	Yes
0.329	31.7	143.8038178	158.3155792	Yes
0.258	32.05	144.2574489	145.6188651	Yes
0.261	12.51	129.2457136	149.3042416	Yes
0.367	0.864	128.2886294	154.4804159	Yes
0.466	4.267	128.0181621	129.9583264	Yes
0.592	7.134	128.1413015	129.8865774	Yes
0.656	4.734	128.0163501	131.6304423	Yes
0.827	9.85	128.5552988	135.2092988	Yes
0.756	11.33	128.9042243	134.0344849	Yes
0.554	2.698	128.0865683	130.1884003	Yes
0.53	356.9	129.1807975	134.4625562	Yes
0.504	355.5	129.6477719	140.4032449	Yes
0.432	348.6	133.1749726	137.6014056	Yes
0.309	331.6	152.6415793	165.2185392	Yes
0.247	314	192.5757179	168.3146457	Yes
0.231	306.9	170.2024087	167.5579125	Yes
0.268	297.4	156.0596058	147.9651585	Yes
0.254	294.8	153.294267	148.5249423	Yes
0.258	286.7	147.1344513	155.5968988	Yes
0.291	270.5	144.234728	161.2275291	Yes
0.42	249.3	159.1288318	168.2314285	Yes
0.417	253.9	153.7939153	159.4824418	Yes
0.469	276.1	143.914916	155.8652825	Yes
0.493	304.6	166.1216858	161.3067639	Yes
0.542	311.7	192.5757179	165.3506771	Yes
0.517	301.9	161.8982783	167.5991282	Yes
0.43	289.1	148.5988232	145.2382321	Yes
0.428	267.2	145.0738969	154.3935117	Yes
0.414	247	162.3392225	165.8469463	Yes
0.433	245.6	164.489319	167.5580284	Yes
0.368	257.9	150.2006904	153.860659	Yes
0.343	273.4	143.897159	153.3379166	Yes
0.363	270	144.3305061	150.3097748	Yes
0.376	269.1	144.530992	147.7572852	Yes
0.339	277.5	144.0500767	163.4487894	Yes
0.361	296.1	154.6247674	153.0268016	Yes
0.444	307.8	171.9308504	156.2137469	Yes
0.495	310.8	178.2808867	164.28967	Yes
0.477	314.3	192.5757179	161.7258386	Yes
0.457	320.1	179.4825368	154.4175341	Yes
0.416	326.1	163.5761126	146.2726535	Yes
0.398	318	186.3168781	160.2002564	Yes
0.278	307.7	171.7349716	162.0239236	Yes
0.208	307.7	171.7349716	161.1519288	Yes
0.158	315.8	192.5757179	157.6179569	Yes

9/15/2019	06:12	15.6	0.062
9/15/2019	06:13	15.58	0.036
9/15/2019	06:14	15.56	0.028
9/15/2019	06:15	15.54	0.043
9/15/2019	06:16	15.51	0.058
9/15/2019	06:17	15.49	0.069
9/15/2019	06:18	15.48	0.093
9/15/2019	06:19	15.46	0.098
9/15/2019	06:20	15.46	0.085
9/15/2019	06:21	15.45	0.069
9/15/2019	06:22	15.45	0.067
9/15/2019	06:23	15.43	0.058
9/15/2019	06:24	15.43	0.069
9/15/2019	06:25	15.43	0.122
9/15/2019	06:26	15.45	0.149
9/15/2019	06:27	15.47	0.133
9/15/2019	06:28	15.48	0.122
9/15/2019	06:29	15.48	0.21
9/15/2019	06:30	15.51	0.293
9/15/2019	06:31	15.52	0.307
9/15/2019	06:32	15.52	0.293
9/15/2019	06:33	15.52	0.274
9/15/2019	06:34	15.53	0.222
9/15/2019	06:35	15.52	0.175
9/15/2019	06:36	15.51	0.14
9/15/2019	06:37	15.49	0.104
9/15/2019	06:38	15.48	0.122
9/15/2019	06:39	15.47	0.217
9/15/2019	06:40	15.46	0.297
9/15/2019	06:41	15.45	0.297
9/15/2019	06:42	15.45	0.313
9/15/2019	06:43	15.45	0.332
9/15/2019	06:44	15.46	0.308
9/15/2019	06:45	15.47	0.258
9/15/2019	06:46	15.5	0.252
9/15/2019	06:47	15.54	0.207
9/15/2019	06:48	15.58	0.133
9/15/2019	06:49	15.61	0.073
9/15/2019	06:50	15.65	0.06
9/15/2019	06:51	15.69	0.136
9/15/2019	06:52	15.74	0.195
9/15/2019	06:53	15.79	0.181
9/15/2019	06:54	15.85	0.203
9/15/2019	06:55	15.92	0.208
9/15/2019	06:56	16	0.197
9/15/2019	06:57	16.09	0.194
9/15/2019	06:58	16.19	0.218
9/15/2019	06:59	16.3	0.202
9/15/2019	07:00	16.4	0.133
9/15/2019	07:01	16.51	0.099
9/15/2019	07:02	16.61	0.129

42.19	161.555561	15.63	0.056
80.5	148.3346233	15.61	0.022
176	129.4717308	15.59	0.019
191.2	128.870052	15.57	0.03
234.2	188.9144624	15.55	0.051
261.8	147.531862	15.54	0.049
255.3	152.4321413	15.54	0.056
244.9	165.6232794	15.54	0.073
243.4	168.1922038	15.55	0.067
240.3	174.1507045	15.55	0.043
222.3	161.7949854	15.56	0.052
252.5	155.273777	15.55	0.034
314.1	192.5757179	15.55	0.028
340.8	139.914364	15.55	0.1
333.8	149.0360615	15.56	0.117
317.7	187.3568179	15.59	0.094
275.5	143.8833505	15.6	0.061
235.2	186.1774937	15.61	0.169
225.5	169.3661605	15.65	0.24
222.3	161.7949854	15.69	0.303
212.9	145.3938588	15.71	0.313
197.7	131.436508	15.7	0.31
182.8	128.0791994	15.69	0.272
148.9	157.6389568	15.68	0.216
135.3	189.7626755	15.64	0.179
116.3	154.8386144	15.62	0.121
47.11	173.661216	15.59	0.117
9.58	128.5010838	15.57	0.208
2.917	128.0712476	15.55	0.314
7.663	128.1991473	15.52	0.34
18.08	131.6425754	15.5	0.352
18.58	131.9235609	15.49	0.341
19.83	132.6756923	15.49	0.323
14.58	129.9828607	15.5	0.282
2.159	128.1322661	15.52	0.247
354.9	129.8727295	15.57	0.219
358.9	128.6521114	15.62	0.124
327	161.577273	15.67	0.061
209	140.5713153	15.74	0.054
225.7	169.8808638	15.81	0.131
214.8	148.1195561	15.89	0.225
211.5	143.5482783	15.97	0.272
194.9	130.1127622	16.05	0.263
189.4	128.4665503	16.12	0.234
179.1	128.6080861	16.2	0.232
172.9	130.7322487	16.28	0.232
167.3	134.0817512	16.37	0.244
173.8	130.3244035	16.46	0.228
191.6	128.9773778	16.56	0.151
220.6	158.2364782	16.66	0.143
243.4	168.1922038	16.76	0.137

2.435	128.1074457	15.9	0.093
308	172.3255294	15.88	0.051
0	128.4296876	15.86	0.034
0	128.4296876	15.84	0.047
176.8	129.2114853	15.82	0.077
219.3	155.7099409	15.81	0.084
173.6	130.4120364	15.8	0.114
188.6	128.328602	15.79	0.157
200.2	132.9121422	15.8	0.173
194	129.7583745	15.83	0.174
206.2	137.6847037	15.85	0.131
218.8	154.7805667	15.84	0.122
330.9	153.8738695	15.84	0.128
327.1	161.3606366	15.84	0.167
311.5	179.9029136	15.86	0.189
311.8	192.5757179	15.87	0.23
251.5	156.4059988	15.89	0.229
196	130.5924354	15.89	0.235
199.9	132.7199372	15.89	0.366
193.7	129.6477719	15.91	0.427
187.1	128.1379589	15.93	0.409
177.8	128.9229071	15.94	0.406
168.3	133.3770516	15.92	0.374
140.2	179.1755005	15.89	0.285
128.2	172.724134	15.85	0.244
109.3	148.733998	15.83	0.166
33.63	146.4101278	15.8	0.104
350.7	131.8778474	15.77	0.183
339	141.9509679	15.74	0.341
344.3	136.4937737	15.73	0.422
351.1	131.6535994	15.74	0.421
353.9	130.2812262	15.76	0.452
354.3	130.1127622	15.77	0.447
352.4	130.9739291	15.79	0.399
347.3	134.0817512	15.82	0.369
347.9	133.6531567	15.86	0.282
349.5	132.5941263	15.9	0.184
351.6	131.3833467	15.95	0.124
205.9	137.4017445	15.99	0.054
207.5	138.968767	16.04	0.117
190.4	128.6747234	16.09	0.214
188.9	128.3773651	16.14	0.289
176.1	129.4377621	16.2	0.303
171.1	131.6535994	16.25	0.319
158.5	142.5524154	16.3	0.318
158.4	142.6746234	16.35	0.34
151.7	152.4689987	16.4	0.325
156.4	145.2575724	16.46	0.29
166.4	134.7576487	16.52	0.211
184.7	128.016195	16.59	0.187
210.4	142.1896378	16.67	0.163

350.3	132.1093104	16.08	0.123	330.9	153.8738695	16.19
341.3	139.3832047	16.07	0.089	316.2	192.5757179	16.17
319	182.967997	16.05	0.071	304	165.1323684	16.15
229.1	179.4825368	16.03	0.073	274.3	143.8675721	16.13
236	184.0842372	16.02	0.082	262.3	147.2455367	16.11
244.8	165.7885774	16	0.101	255.3	152.4321413	16.1
239.2	176.4945334	15.99	0.122	249.3	159.1288318	16.09
249.5	158.8676643	15.99	0.202	252.8	154.9464686	16.1
257.2	150.7645356	16.01	0.197	252.9	154.8386144	16.11
264.9	145.9522103	16.02	0.18	261.4	147.7698413	16.12
267.1	145.1070106	16.04	0.129	268.2	144.7678047	16.13
264.6	146.0849588	16.04	0.144	253.2	154.5187706	16.12
277.4	144.0375611	16.03	0.139	266.7	145.2440439	16.11
292.9	151.5291125	16.04	0.203	284.5	146.0402375	16.12
298.9	157.8506504	16.04	0.222	291.4	150.2796092	16.12
290.7	149.7384694	16.06	0.3	286.1	146.8129126	16.14
273.9	143.8763375	16.07	0.263	273.7	143.8833505	16.14
230.1	182.6427564	16.06	0.253	236.1	183.8283932	16.13
212.3	144.586539	16.06	0.383	215	148.4219956	16.12
202.9	134.8352272	16.07	0.46	205.2	136.7605319	16.12
194.8	130.0717042	16.08	0.46	197	131.0736496	16.14
186.6	128.0940314	16.11	0.459	194.6	129.9908531	16.17
171.5	131.436508	16.11	0.444	177.6	128.9773778	16.19
146.2	163.3495837	16.09	0.391	159.4	141.481181	16.21
134.3	186.9842516	16.06	0.289	153.3	149.8211447	16.23
124.9	166.6276829	16.05	0.203	151.9	152.1263931	16.24
58.95	177.0452081	16.04	0.062	193.8	129.6842235	16.24
356.6	129.2740865	16.02	0.12	327.2	161.1450705	16.24
340.8	139.914364	15.99	0.318	328.5	158.4376272	16.22
339.8	141.0213439	15.96	0.485	324.4	167.6049563	16.19
344.3	136.4937737	15.98	0.546	330.3	154.96461	16.2
346.1	134.9918873	15.99	0.579	333.1	150.1407104	16.21
347.1	134.2285045	16.01	0.545	336.2	145.5308449	16.22
345.9	135.1505606	16.02	0.501	337	144.4543929	16.22
338.2	142.9209771	16.04	0.498	328.5	158.4376272	16.22
331.1	153.51742	16.07	0.428	325.4	165.1937679	16.23
334.3	148.2703958	16.1	0.289	328.1	159.2522329	16.26
326.3	163.1241775	16.13	0.181	328.1	159.2522329	16.29
281.9	145.0412401	16.17	0.083	319.6	181.0419634	16.34
225	168.1018522	16.2	0.098	248.2	160.6159553	16.39
202.3	134.3772185	16.24	0.19	208.9	140.4603245	16.44
193.4	129.5409061	16.29	0.275	197.5	131.3306282	16.48
183	128.065931	16.33	0.311	186.2	128.065931	16.52
174.7	129.9510588	16.37	0.33	179.4	128.5450401	16.56
160.2	140.5713153	16.42	0.366	164.4	136.4059155	16.61
153.4	149.6625543	16.46	0.422	154.2	148.4219956	16.66
148.4	158.6397721	16.49	0.434	147	161.577273	16.7
148.4	158.6397721	16.51	0.397	147.4	160.717127	16.74
161.3	139.3832047	16.55	0.299	156.6	144.9870876	16.79
177.8	128.9229071	16.6	0.234	170.3	132.1093104	16.84
202.6	134.6039881	16.65	0.217	191.7	129.00522	16.89

0.134	320.9	177.070287	150.5432947	Yes
0.102	312.3	192.5757179	169.0389586	Yes
0.081	304.3	165.6232794	154.3250126	Yes
0.076	284.5	146.0402375	145.3380172	Yes
0.12	279.6	144.4151432	158.774173	Yes
0.143	280.5	144.6317408	153.2188525	Yes
0.185	271.5	144.0764313	152.5087949	Yes
0.26	271.8	144.0375611	150.3607151	Yes
0.232	271.5	144.0764313	150.1567855	Yes
0.231	272.9	143.9289489	148.3120159	Yes
0.197	266	145.5015641	146.9712137	Yes
0.146	250.5	157.6032138	153.6522574	Yes
0.175	269.7	144.3933148	156.0249014	Yes
0.227	288.8	148.3999072	149.4488516	Yes
0.251	295.9	154.4133891	158.2965247	Yes
0.342	293	151.6168585	165.6201553	Yes
0.319	283.8	145.7403654	146.7578806	Yes
0.267	252.7	155.0549457	167.6592049	Yes
0.405	225.4	169.1107479	152.841076	Yes
0.466	213.9	146.7956779	141.9668389	Yes
0.461	205.5	137.032099	134.3418541	Yes
0.474	203.6	135.3923691	130.7673338	Yes
0.475	188	128.2417275	130.0223729	Yes
0.439	188.3	128.2833916	153.9857227	Yes
0.324	190.4	128.6747234	165.5933858	Yes
0.224	201.2	133.5834127	151.1820202	Yes
0.189	246.3	163.3950032	158.0391557	Yes
0.244	275.2	143.8734887	138.9343154	Yes
0.338	310.6	177.8276612	149.2403736	Yes
0.531	323.5	169.8808638	148.640017	Yes
0.609	330.8	154.0534207	141.7615958	Yes
0.632	337.4	143.9325875	138.2539945	Yes
0.643	341.7	138.968767	136.3033142	Yes
0.622	345.1	135.8056071	135.2734701	Yes
0.652	336	145.8069274	141.8759098	Yes
0.523	335.8	146.0858429	145.6645834	Yes
0.385	341.4	139.278727	141.6095187	Yes
0.28	343.2	137.4955162	150.5665093	Yes
0.177	341.7	138.968767	148.6050061	Yes
0.098	297.7	156.4059988	158.7946874	Yes
0.126	233.4	191.2051427	148.567393	Yes
0.208	211.5	143.5482783	135.2690912	Yes
0.253	194.3	129.8727295	129.1110231	Yes
0.271	191.6	128.9773778	129.5187253	Yes
0.315	178.7	128.6977354	135.3670936	Yes
0.377	170.5	131.9926732	140.696819	Yes
0.444	165.8	135.2306555	148.3996901	Yes
0.42	166.6	134.6039881	145.9085726	Yes
0.362	173.9	130.2812262	135.677309	Yes
0.35	180.8	128.2980674	135.1165916	Yes
0.294	197.2	131.1751217	141.0332343	Yes

9/15/2019	07:03	16.73	0.101
9/15/2019	07:04	16.91	0.043
9/15/2019	07:05	17.08	0.056
9/15/2019	07:06	17.27	0.132
9/15/2019	07:07	17.44	0.146
9/15/2019	07:08	17.6	0.154
9/15/2019	07:09	17.74	0.088
9/15/2019	07:10	17.89	0.043
9/15/2019	07:11	18.07	0.07
9/15/2019	07:12	18.27	0.052
9/15/2019	07:13	18.49	0.018
9/15/2019	07:14	18.68	0.017
9/15/2019	07:15	18.92	0.041
9/15/2019	07:16	19.12	0.053
9/15/2019	07:17	19.27	0.085
9/15/2019	07:18	19.32	0.143
9/15/2019	07:19	19.31	0.207
9/15/2019	07:20	19.31	0.286
9/15/2019	07:21	19.29	0.258
9/15/2019	07:22	19.22	0.267
9/15/2019	07:23	19.18	0.22
9/15/2019	07:24	19.16	0.209
9/15/2019	07:25	19.17	0.237
9/15/2019	07:26	19.19	0.19
9/15/2019	07:27	19.25	0.191
9/15/2019	07:28	19.34	0.184
9/15/2019	07:29	19.45	0.146
9/15/2019	07:30	19.57	0.188
9/15/2019	07:31	19.73	0.07
9/15/2019	07:32	19.92	0.103
9/15/2019	07:33	20.13	0.101
9/15/2019	07:34	20.43	0.06
9/15/2019	07:35	20.76	0.122
9/15/2019	07:36	21.09	0.163
9/15/2019	07:37	21.31	0.243
9/15/2019	07:38	21.5	0.311
9/15/2019	07:39	21.65	0.262
9/15/2019	07:40	21.77	0.328
9/15/2019	07:41	21.87	0.329
9/15/2019	07:42	21.94	0.419
9/15/2019	07:43	21.99	0.414
9/15/2019	07:44	21.99	0.506
9/15/2019	07:45	22.02	0.484
9/15/2019	07:46	22.05	0.362
9/15/2019	07:47	22.12	0.547
9/15/2019	07:48	22.15	0.302
9/15/2019	07:49	22.27	0.299
9/15/2019	07:50	22.41	0.304
9/15/2019	07:51	22.45	0.338
9/15/2019	07:52	22.38	0.519
9/15/2019	07:53	22.36	0.413

235.3	185.9112491	16.88	0.089
48.6	177.9631823	17.05	0.037
56.26	183.4216787	17.26	0.07
70.32	157.8257852	17.44	0.143
61.49	171.7545158	17.6	0.161
69.69	158.6221354	17.76	0.156
71.07	156.9127091	17.88	0.134
91.6	144.0630334	18.02	0.101
90.1	144.310461	18.2	0.039
95.3	143.8763375	18.41	0.053
0	128.4296876	18.63	0.025
0	128.4296876	18.84	0.016
171.3	131.5441627	19.09	0.048
179.7	128.4855767	19.31	0.073
207.5	138.968767	19.49	0.104
210.8	142.6746234	19.57	0.16
215.9	149.8211447	19.55	0.196
215.1	148.5743588	19.53	0.326
212.6	144.9870876	19.47	0.341
215.7	149.5047542	19.37	0.36
207	138.4636301	19.31	0.288
216.7	151.1187431	19.29	0.326
216.5	150.7894808	19.29	0.298
222	161.1450705	19.32	0.279
216.2	150.3016928	19.4	0.228
219.1	155.335435	19.51	0.217
218.6	154.4151969	19.62	0.189
224.3	166.3842917	19.74	0.219
257.3	150.682349	19.89	0.099
348	133.5834127	20.12	0.116
10.66	128.7353877	20.4	0.105
11.21	128.8726565	20.73	0.083
10.54	128.7070524	21.11	0.146
40.66	158.3570484	21.47	0.189
27.03	138.4935376	21.72	0.304
25.67	137.1881381	21.94	0.392
37.71	152.8324082	22.06	0.4
36.25	150.3824854	22.17	0.428
53.1	192.0882584	22.26	0.379
43.8	165.1937679	22.26	0.536
37.47	152.417391	22.26	0.594
29.57	141.2155681	22.24	0.601
23.73	135.4985767	22.25	0.617
34.17	147.186541	22.31	0.49
20.22	132.9251053	22.37	0.624
54.3	188.6345537	22.4	0.402
37.02	151.6524194	22.49	0.362
44.89	167.8279424	22.6	0.475
87.2	145.0738969	22.56	0.585
80.7	148.2055809	22.39	0.741
73.91	153.7837755	22.29	0.578

209.7	141.3652945	16.76	0.082
15.96	130.5740865	16.9	0.059
21.72	133.9513415	17.07	0.074
39.28	155.6723236	17.21	0.19
36.59	150.9372435	17.34	0.214
43.57	164.6560207	17.47	0.21
45.27	168.7806281	17.6	0.157
55.61	185.0942797	17.76	0.127
79.01	149.360655	17.94	0.053
85.2	145.823697	18.14	0.03
0	128.4296876	18.33	0.025
0	128.4296876	18.52	0.018
151.8	152.2972712	18.74	0.061
140.9	177.070287	18.95	0.102
171.7	131.3306282	19.13	0.103
180.9	128.2833916	19.21	0.15
189.7	128.5248214	19.16	0.267
185	128.0191197	19.11	0.254
182.4	128.1104281	19.03	0.278
186.9	128.1192135	18.91	0.304
186	128.0542255	18.84	0.327
187	128.1283904	18.81	0.251
185.8	128.0440822	18.81	0.294
194.9	130.1127622	18.85	0.176
182.9	128.0723698	18.93	0.198
189.2	128.4296876	19.03	0.207
191.9	129.0621204	19.14	0.211
192	129.0911795	19.25	0.234
232.6	191.31691	19.42	0.13
318.2	185.6327901	19.62	0.085
341.3	139.3832047	19.84	0.094
347.5	133.9369487	20.11	0.073
0.031	128.4241159	20.4	0.161
15.44	130.3417936	20.64	0.261
358.2	128.8188092	20.81	0.363
5.966	128.0523909	20.96	0.442
19.06	132.2039293	20.99	0.598
15.01	130.1584141	20.98	0.513
27.86	139.3413439	21.03	0.446
20.61	133.1816399	21.01	0.748
13.89	129.7173853	20.97	0.873
14.22	129.841867	20.92	0.764
2.915	128.071379	20.92	0.639
6.957	128.1243963	21	0.704
4.528	128.0161011	21.05	0.779
37.14	151.8547449	21.09	0.505
14.75	130.0513334	21.17	0.57
29.29	140.8966141	21.28	0.708
52.47	190.8365127	21.34	0.74
59.3	176.2761595	21.37	0.77
49.24	179.9150824	21.39	0.534

222.2	161.577273	16.72	0.131	225.2	168.6037636	16.97
12.12	129.1265869	16.83	0.06	307.9	172.1277015	17.1
358.6	128.7211479	16.99	0.08	5.592	128.0351896	17.26
39.47	156.0311916	17.12	0.2	27.09	138.5535054	17.41
37.79	152.9718473	17.22	0.235	27.3	138.7650022	17.51
43.47	164.4241328	17.31	0.244	30.53	142.3461354	17.61
42.99	163.3269927	17.41	0.191	38.2	153.695204	17.72
56.44	182.9679722	17.54	0.15	46.5	171.9924951	17.85
75.76	152.0096628	17.7	0.098	55.43	185.5671111	18.01
75.93	151.8565946	17.88	0.056	46.96	173.246056	18.21
67	162.3392225	18.07	0.021	6	128.0542255	18.41
0	128.4296876	18.26	0.023	0	128.4296876	18.6
119	157.9753829	18.49	0.061	121.4	161.1784514	18.83
139	182.967997	18.7	0.076	131.1	178.969176	19.08
147.1	161.3606366	18.89	0.085	138.5	184.6202228	19.33
178	128.870052	18.97	0.154	171.6	131.3833467	19.44
189.4	128.4665503	18.91	0.26	183.9	128.0255546	19.37
181.9	128.1582717	18.84	0.333	179.4	128.5450401	19.23
178.7	128.6977354	18.76	0.381	176.6	129.2740865	19.12
180.7	128.3131374	18.67	0.412	178.1	128.8442293	19.01
178.4	128.7691755	18.61	0.379	175.6	129.6117355	18.95
180.4	128.3607156	18.58	0.383	177.6	128.9773778	18.91
174.6	129.9908531	18.59	0.355	176.8	129.2114853	18.93
184.3	128.0177548	18.63	0.303	184.2	128.0191197	18.98
170.9	131.7648252	18.71	0.255	175.3	129.7210908	19.08
180.2	128.3944101	18.8	0.255	179.9	128.4479207	19.17
188	128.2417275	18.9	0.218	180.9	128.2833916	19.28
181.8	128.1690162	19.01	0.24	184.4	128.0167799	19.4
227.5	174.7556358	19.16	0.096	227.9	175.9010607	19.6
311.9	192.5757179	19.36	0.09	284.8	146.17582	19.87
337.9	143.2953883	19.56	0.102	329.8	155.8985853	20.15
2.855	128.0753947	19.82	0.079	329.5	156.470139	20.43
18.73	132.0100532	20.09	0.15	352.3	131.0235708	20.68
16.38	130.7701886	20.35	0.195	358.9	128.6521114	20.91
8.76	128.3541665	20.47	0.327	354.5	130.0310681	21.06
10.37	128.6678978	20.52	0.493	355.2	129.7583745	21.16
19.77	132.6379492	20.47	0.519	10.94	128.8037503	21.06
14.75	130.0513334	20.4	0.487	2.68	128.0879109	20.96
20.42	133.0557678	20.44	0.485	14.18	129.8265362	21
21.08	133.5003525	20.4	0.715	11.19	128.8674516	20.9
15.42	130.33309	20.34	0.798	5.718	128.0403748	20.82
9.87	128.5594301	20.26	0.837	4.032	128.0222908	20.7
2.691	128.0870889	20.27	0.745	354.3	130.1127622	20.69
7.854	128.2227322	20.33	0.626	359	128.6298991	20.78
9.39	128.4646695	20.35	0.835	358.8	128.6747234	20.82
38.44	154.1254901	20.37	0.477	31.27	143.2576821	20.8
20.74	133.2687452	20.49	0.449	8.74	128.3509156	20.92
40.18	157.4024154	20.61	0.692	25.53	137.0595219	20.97
54.65	187.6658556	20.74	0.715	49.67	181.2635538	21.02
58.05	179.0848861	20.85	0.857	43.52	164.5399324	21.04
48.7	178.2639076	20.89	0.676	41.22	159.4997707	21.03

0.148	220.4	157.837148	163.0589456	Yes
0.049	199.7	132.5941263	148.4771367	Yes
0.053	148.8	157.837148	146.3933011	Yes
0.188	31.82	143.9584218	150.4082455	Yes
0.254	27.92	139.4041701	150.7665558	Yes
0.266	33.1	145.6685335	155.1433915	Yes
0.217	41.1	159.2522329	160.3935533	Yes
0.162	44.93	167.927371	170.4090303	Yes
0.096	45.47	169.2894016	160.1074583	Yes
0.054	41.45	159.9783418	154.9562054	Yes
0.063	15.1	130.1961465	135.4897939	Yes
0.056	8.47	128.308575	128.4054651	Yes
0.045	47.25	174.0515766	155.409369	Yes
0.062	138.6	184.28627	170.3558613	Yes
0.064	134.2	186.7139875	160.5988484	Yes
0.169	173.1	130.6386087	132.3700045	Yes
0.299	182.8	128.0791994	132.583454	Yes
0.342	180.8	128.2980674	132.3189715	Yes
0.401	179.5	128.5248214	131.9188318	Yes
0.419	179.5	128.5248214	132.6612312	Yes
0.431	179.7	128.4855767	130.6768687	Yes
0.415	178	128.870052	133.0910558	Yes
0.365	175.5	129.6477719	133.5367347	Yes
0.324	182.9	128.0723698	135.0734154	Yes
0.248	176.4	129.3383252	133.8396608	Yes
0.285	176.7	129.2425815	133.970007	Yes
0.27	175	129.8341932	133.9673259	Yes
0.24	190.1	128.6080861	136.0538707	Yes
0.103	215.4	149.0360615	168.3384034	Yes
0.08	275.9	143.9026392	160.374076	Yes
0.057	308	172.3255294	147.9276191	Yes
0.07	336.8	144.7193684	138.4149014	Yes
0.172	9.84	128.5532391	129.7436063	Yes
0.26	8.2	128.2691098	135.2780504	Yes
0.337	9.08	128.4083311	130.8211825	Yes
0.481	9.08	128.4083311	130.4150265	Yes
0.574	21.84	134.0381061	136.1032286	Yes
0.592	16.83	130.9887757	133.9337839	Yes
0.512	23.07	134.9682602	145.8560333	Yes
0.761	19.29	132.3419914	138.6170407	Yes
0.925	17.44	131.2992094	134.3614901	Yes
0.862	12.28	129.1747088	131.362773	Yes
0.761	4.324	128.0174853	129.9574584	Yes
0.814	10.71	128.7473645	132.1821866	Yes
0.825	12.91	129.3743558	129.490991	Yes
0.571	37.56	152.5724444	158.088983	Yes
0.617	33.14	145.7238063	137.809444	Yes
0.815	36.94	151.5182039	150.9409395	Yes
0.846	57.95	179.3171658	176.831397	Yes
0.999	57.06	181.4358587	169.9084835	Yes
0.752	47.8	175.6124958	169.4150064	Yes

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9/15/2019	07:57	22.39	0.492
9/15/2019	07:58	22.47	0.401
9/15/2019	07:59	22.49	0.508
9/15/2019	08:00	22.46	0.55
9/15/2019	08:01	22.51	0.469
9/15/2019	08:02	22.6	0.375
9/15/2019	08:03	22.75	0.412
9/15/2019	08:04	22.85	0.611
9/15/2019	08:05	22.84	0.525
9/15/2019	08:06	22.81	0.623
9/15/2019	08:07	22.76	0.491
9/15/2019	08:08	22.88	0.602
9/15/2019	08:09	23.05	0.341
9/15/2019	08:10	23.26	0.476
9/15/2019	08:11	23.35	0.457
9/15/2019	08:12	23.45	0.448
9/15/2019	08:13	23.53	0.403
9/15/2019	08:14	23.71	0.312
9/15/2019	08:15	23.86	0.452
9/15/2019	08:16	23.96	0.276
9/15/2019	08:17	24.07	0.413
9/15/2019	08:18	24.18	0.458
9/15/2019	08:19	24.36	0.374
9/15/2019	08:20	24.5	0.299
9/15/2019	08:21	24.66	0.339
9/15/2019	08:22	24.69	0.513
9/15/2019	08:23	24.67	0.524
9/15/2019	08:24	24.68	0.476
9/15/2019	08:25	24.66	0.434
9/15/2019	08:26	24.65	0.377
9/15/2019	08:27	24.77	0.232
9/15/2019	08:28	24.98	0.313
9/15/2019	08:29	25.09	0.288
9/15/2019	08:30	25.15	0.432
9/15/2019	08:31	25.21	0.558
9/15/2019	08:32	25.19	0.551
9/15/2019	08:33	25.25	0.372
9/15/2019	08:34	25.27	0.45
9/15/2019	08:35	25.36	0.539
9/15/2019	08:36	25.39	0.462
9/15/2019	08:37	25.4	0.445
9/15/2019	08:38	25.46	0.428
9/15/2019	08:39	25.64	0.345
9/15/2019	08:40	25.78	0.479
9/15/2019	08:41	25.82	0.79
9/15/2019	08:42	25.73	0.51
9/15/2019	08:43	25.76	0.582
9/15/2019	08:44	25.78	0.385

76.18	151.6344754	22.35	0.499
71.03	156.9604619	22.32	0.622
85.5	145.6994008	22.31	0.634
92.5	143.962286	22.17	0.663
112.2	150.9305587	22.21	0.473
100.4	144.6058796	22.24	0.687
94.8	143.8664765	22.18	0.662
98.9	144.2717056	22.23	0.587
109.8	149.0809751	22.32	0.432
91.9	144.0254863	22.48	0.524
120.4	159.7940691	22.56	0.671
107.6	147.6498563	22.55	0.635
96	143.9085582	22.5	0.727
83	146.8652868	22.43	0.63
120.5	159.929249	22.56	0.588
116.9	155.4951241	22.76	0.338
126.7	169.8286827	23	0.524
128.4	173.1267013	23.09	0.514
140.6	177.9631823	23.18	0.586
127	170.3906689	23.27	0.439
148.8	157.837148	23.45	0.297
111.4	150.2796092	23.62	0.475
99.8	144.4601404	23.7	0.361
111.4	150.2796092	23.77	0.393
142.9	171.4565408	23.9	0.515
166.8	134.4523139	24.1	0.377
124.1	165.2951784	24.29	0.35
139.5	181.3587702	24.48	0.39
116.6	155.1640479	24.52	0.553
149.9	155.7099409	24.47	0.693
156.6	144.9870876	24.47	0.578
153.2	149.9805289	24.49	0.565
151.2	153.3405134	24.5	0.487
167.4	134.0091067	24.67	0.269
124.8	166.4581678	24.93	0.326
190	128.5866722	25.06	0.495
157.5	143.8038178	25.14	0.499
137.3	188.7697038	25.25	0.689
170.3	132.1093104	25.22	0.647
135.6	190.6237893	25.27	0.505
126.4	169.2750169	25.24	0.569
153.7	149.1915112	25.29	0.676
143.6	169.6228634	25.31	0.638
198.3	131.7648252	25.33	0.511
117.8	156.5227599	25.41	0.575
120.1	159.3928048	25.59	0.453
155.2	146.9398193	25.76	0.611
178.1	128.8442293	25.81	0.869
171	131.7089882	25.74	0.703
153.2	149.9805289	25.78	0.728
179	128.6298991	25.8	0.49

44.35	166.504988	21.51	0.681
45.05	168.2268576	21.53	0.788
57.71	179.8793444	21.55	0.765
64.49	166.3063316	21.48	0.818
83.4	146.658692	21.59	0.514
78.22	149.9517718	21.62	0.822
74.53	153.1667973	21.6	0.723
73.03	154.6993322	21.66	0.615
89.1	144.530992	21.78	0.426
70.77	157.2734362	21.92	0.647
101	144.7678047	21.98	0.695
79.71	148.8643236	21.98	0.719
70.7	157.3584661	21.93	0.872
57.89	179.4570857	21.88	0.745
93.8	143.8796248	22	0.508
77.09	150.8555756	22.22	0.33
104.8	146.17582	22.45	0.42
108.4	148.1418203	22.56	0.484
112.9	151.5291125	22.65	0.623
111	149.967168	22.73	0.457
122.7	163.0894665	22.89	0.349
85.3	145.7817973	23.03	0.493
80.8	148.1418203	23.12	0.446
85.3	145.7817973	23.2	0.432
119.1	158.1007946	23.3	0.534
138.2	185.6327901	23.46	0.335
106.1	146.8129126	23.61	0.464
115.9	154.4133891	23.75	0.441
95.6	143.8875148	23.78	0.551
127.8	171.9308504	23.73	0.804
137.2	189.1277069	23.72	0.615
133	183.5738179	23.75	0.641
134.2	186.7139875	23.79	0.612
147.7	160.0831011	23.98	0.34
107.5	147.5906108	24.23	0.415
164	136.7605319	24.32	0.718
139.9	180.1014276	24.41	0.649
119.4	158.4811294	24.51	0.764
151.9	152.1263931	24.46	0.89
119.8	158.9978987	24.49	0.682
108.1	147.9535689	24.47	0.625
133.5	184.8594495	24.52	0.793
125.6	167.8384137	24.55	0.802
165.1	135.8056071	24.56	0.753
103.7	145.6994008	24.67	0.632
97.4	144.0375611	24.83	0.577
131.9	180.8553063	24.99	0.872
158.7	142.3099249	25.04	1.111
152.5	151.1187431	24.98	1.031
128	172.3255294	25.03	0.987
149.5	156.470139	25.03	0.713

45.9	170.4007875	21.01	0.681	36.59	150.9372435	21.12
45.33	168.9327227	21.02	0.855	30.97	142.8838588	21.09
61.28	172.1671888	21.05	0.907	48.72	178.3242399	21.1
59.71	175.3920122	21.03	0.895	45.87	170.3224638	21.07
74.63	153.0694236	21.14	0.682	67.54	161.5504252	21.19
76.51	151.3466752	21.19	0.859	65.6	164.489319	21.24
73.21	154.5082048	21.19	0.9	59.98	174.8194662	21.23
72.41	155.3730709	21.25	0.653	66.73	162.7419554	21.31
84.4	146.17582	21.38	0.621	82.6	147.0796431	21.48
73.89	153.804061	21.52	0.849	65.51	164.632869	21.62
93.1	143.914916	21.58	0.927	85.7	145.6188708	21.64
76.09	151.7140307	21.58	0.853	70.17	158.012935	21.63
70.64	157.4316092	21.53	1.046	59.74	175.3280184	21.56
62.5	169.8286827	21.49	0.862	54.01	189.4501778	21.53
88.8	144.6058796	21.6	0.896	82.7	147.0253234	21.67
67.35	161.8254511	21.83	0.607	72.32	155.4728757	21.92
95.7	143.8921176	22.08	0.618	89.8	144.3719327	22.18
100.2	144.5555056	22.22	0.747	99.3	144.3509966	22.34
104.6	146.0849588	22.29	0.883	101	144.7678047	22.4
103.5	145.6188708	22.37	0.672	97.4	144.0375611	22.5
118.5	157.3584661	22.51	0.488	115.7	154.2044642	22.65
83.4	146.658692	22.62	0.721	72.61	155.1531095	22.77
76.21	151.6080585	22.69	0.547	70.45	157.6648201	22.84
81.4	147.7698413	22.76	0.622	77.5	150.5196185	22.91
112.5	151.183739	22.87	0.755	109.8	149.0809751	23.01
128.4	173.1267013	23.01	0.535	116.2	154.7313813	23.17
105.9	146.709616	23.15	0.601	100.4	144.6058796	23.31
109.6	148.9406289	23.28	0.663	100.7	144.6848135	23.39
92.9	143.9289489	23.31	0.821	88.1	144.796372	23.38
121.8	161.7528127	23.28	1.022	118	156.7582401	23.35
134.5	187.5288517	23.28	0.819	123.9	164.9703808	23.33
124.5	165.9547117	23.33	0.764	120.1	159.3928048	23.39
130	176.4945334	23.38	0.735	115.7	154.2044642	23.44
145.2	165.6664139	23.55	0.35	134	186.1774937	23.62
108.4	148.1418203	23.79	0.518	99.5	144.3933148	23.85
160.2	140.5713153	23.89	0.58	147.3	160.9305691	23.93
138.9	183.2949574	23.98	0.662	129.3	174.9883145	24
114.9	153.3930028	24.07	0.945	109.2	148.6661534	24.06
145.5	164.9592071	24	0.91	136.3	192.4386028	23.98
115	153.4923338	24.01	0.765	105.1	146.3156694	23.98
103.7	145.6994008	24	0.844	103.7	145.6994008	23.97
127.2	170.7700049	24.06	0.959	121.1	160.7554768	24
126	168.5495467	24.09	0.838	118	156.7582401	24.01
158.5	142.5524154	24.09	0.676	147.1	161.3606366	23.99
107.7	147.7095994	24.18	0.77	99.5	144.3933148	24.11
97	143.9919054	24.34	0.676	91.1	144.1344398	24.25
140.3	178.8700569	24.5	0.802	127.8	171.9308504	24.37
155.5	146.5095784	24.55	1.144	150.2	155.1495646	24.39
153.9	148.8813884	24.53	0.918	143.4	170.1401693	24.38
135.3	189.7626755	24.56	1.066	129.7	175.8426324	24.42
149.3	156.8559046	24.55	0.621	143.9	168.856618	24.41

0.783	41.9	160.9305691	160.0816127	Yes
1.013	43.48	164.4472696	160.2902341	Yes
0.994	58.52	178.0084144	170.8157177	Yes
1.063	54.28	188.6904231	168.9347033	Yes
0.756	73.43	154.2773098	153.2972819	Yes
1.008	75.13	152.5913627	152.5970016	Yes
0.992	69.12	159.3662806	157.1454451	Yes
0.754	75.38	152.3577923	153.8887713	Yes
0.609	91	144.1500472	146.2034955	Yes
0.987	73.09	154.635401	154.8742507	Yes
1.02	91.6	144.0630334	147.6317388	Yes
1.035	80.2	148.5320061	150.9546303	Yes
1.196	69.54	158.8157657	158.5684835	Yes
1.009	65.1	165.2951784	170.1792823	Yes
0.858	89.1	144.530992	147.9942138	Yes
0.551	75.32	152.4135194	155.2125092	Yes
0.671	99.8	144.4601404	149.7457387	Yes
0.801	108.9	148.4657012	151.728145	Yes
0.941	109.9	149.1519294	153.8993975	Yes
0.74	106.8	147.1897488	151.4408035	Yes
0.606	116.7	155.273777	157.5526644	Yes
0.74	81.3	147.8305829	149.1407582	Yes
0.682	77.28	150.6987424	150.5147164	Yes
0.697	88	144.8253918	147.8352516	Yes
0.847	113.2	151.7940443	156.3232188	Yes
0.44	124.1	165.2951784	162.647673	Yes
0.666	113.4	151.9734986	151.079417	Yes
0.773	107.7	147.7095994	155.4214402	Yes
0.863	98.9	144.2717056	146.4097178	Yes
1.107	123.8	164.8092124	162.1922113	Yes
0.875	131.6	180.1392477	173.350655	Yes
0.889	128.2	172.724134	166.3251994	Yes
0.892	125.1	166.9692794	167.5445556	Yes
0.452	135.9	191.4980279	167.4868287	Yes
0.605	107	147.3018158	150.7771459	Yes
0.897	149.8	155.8985853	144.5495348	Yes
0.829	134.7	188.0789318	174.0534898	Yes
1.057	118	156.7582401	161.2136459	Yes
1.106	140.4	178.5661959	164.0399419	Yes
0.871	113.6	152.1552339	160.316985	Yes
0.887	112.2	150.9305587	151.9115892	Yes
1.123	128.8	173.943875	167.9040635	Yes
1.093	126.8	170.0150814	166.5568291	Yes
0.969	148	159.4584123	146.1883793	Yes
0.838	109	148.5320061	148.5714162	Yes
0.744	101.1	144.796372	147.2706166	Yes
1.079	137.7	187.3568179	173.1905702	Yes
1.305	155.5	146.5095784	143.8645751	Yes
1.21	147.4	160.717127	152.5132832	Yes
1.235	138.8	183.6236488	174.307003	Yes
0.797	148.8	157.837148	153.7299417	Yes

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9/15/2019	08:49	26.47	0.441
9/15/2019	08:50	26.73	0.504
9/15/2019	08:51	26.71	0.606
9/15/2019	08:52	26.73	0.625
9/15/2019	08:53	26.74	0.576
9/15/2019	08:54	26.77	0.508
9/15/2019	08:55	26.91	0.324
9/15/2019	08:56	27	0.43
9/15/2019	08:57	27.13	0.286
9/15/2019	08:58	27.37	0.348
9/15/2019	08:59	27.39	0.552
9/15/2019	09:00	27.33	0.529
9/15/2019	09:01	27.33	0.502
9/15/2019	09:02	27.36	0.493
9/15/2019	09:03	27.31	0.439
9/15/2019	09:04	27.3	0.703
9/15/2019	09:05	27.29	0.518
9/15/2019	09:06	27.45	0.643
9/15/2019	09:07	27.52	0.833
9/15/2019	09:08	27.53	0.774
9/15/2019	09:09	27.61	0.732
9/15/2019	09:10	27.66	0.507
9/15/2019	09:11	27.68	0.941
9/15/2019	09:12	27.74	0.406
9/15/2019	09:13	27.92	0.497
9/15/2019	09:14	28.09	0.741
9/15/2019	09:15	28.22	0.731
9/15/2019	09:16	28.17	0.816
9/15/2019	09:17	28.13	0.748
9/15/2019	09:18	28.13	0.667
9/15/2019	09:19	28.28	0.487
9/15/2019	09:20	28.41	0.851
9/15/2019	09:21	28.39	0.848
9/15/2019	09:22	28.42	0.715
9/15/2019	09:23	28.41	0.47
9/15/2019	09:24	28.62	0.328
9/15/2019	09:25	28.98	0.385
9/15/2019	09:26	29.3	0.528
9/15/2019	09:27	29.37	0.815
9/15/2019	09:28	29.25	0.9
9/15/2019	09:29	29.11	0.633
9/15/2019	09:30	29.09	0.514
9/15/2019	09:31	29.16	0.638
9/15/2019	09:32	29.21	0.381
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9/15/2019	09:34	29.61	0.292
9/15/2019	09:35	29.95	0.236

173.6	130.4120364	26.01	0.272
155.2	146.9398193	26.28	0.519
156.3	145.3938588	26.45	0.402
216.8	151.2846063	26.49	0.62
171.5	131.436508	26.62	0.498
164.9	135.9745142	26.92	0.575
229.1	179.4825368	26.87	0.707
173.9	130.2812262	26.86	0.686
164.5	136.3185854	26.87	0.669
147.2	161.1450705	26.91	0.517
180.9	128.2833916	27.09	0.397
154.7	147.6715655	27.2	0.415
148.7	158.0363201	27.4	0.36
133.7	185.382728	27.57	0.345
228.3	177.070287	27.57	0.602
165.1	135.8056071	27.49	0.512
186	128.0542255	27.53	0.628
177.3	129.0621204	27.55	0.564
245.6	164.489319	27.49	0.487
251.3	156.6401729	27.44	0.692
213.7	146.5095784	27.4	0.509
200.7	133.2418584	27.6	0.647
220.7	158.4376272	27.68	0.976
186	128.0542255	27.67	0.776
178	128.870052	27.76	0.791
231.2	186.3168781	27.81	0.621
214.4	147.5237341	27.79	0.998
196.6	130.8759536	27.81	0.453
148.8	157.837148	28.03	0.476
176.2	129.4042052	28.21	0.613
196.9	131.0235708	28.34	0.762
206.1	137.5898354	28.25	0.902
236.1	183.8283932	28.17	0.736
232.7	191.6887683	28.2	0.66
207.7	139.1748294	28.34	0.516
219.9	156.8559046	28.47	0.914
225	168.1018522	28.42	0.962
250.1	158.1007946	28.42	0.79
277.5	144.0500767	28.43	0.471
37.38	152.2630278	28.68	0.34
3.521	128.0387037	29.14	0.365
217.6	152.6415793	29.53	0.558
219.6	156.2786798	29.54	0.799
214.4	147.5237341	29.34	0.974
229.9	181.9973899	29.15	0.8
243.6	167.8384137	29.13	0.542
260.8	148.1418203	29.25	0.627
301.7	161.6081001	29.32	0.376
200.9	133.3770516	29.5	0.29
198.3	131.7648252	29.8	0.334
281.3	144.8548646	30.17	0.265

156.5	145.1219829	25.23	0.358
138.6	184.28627	25.47	0.701
137.8	187.0083138	25.65	0.666
194.5	129.9510588	25.67	0.949
155.9	145.9460296	25.82	0.656
137.9	186.6616714	26.09	0.578
210.5	142.3099249	26.03	1.063
143.4	170.1401693	26.07	0.84
135.8	191.2051427	26.07	0.899
127.3	170.9610894	26.11	0.561
152.9	150.4634796	26.28	0.5
120	159.2604663	26.39	0.511
117.3	155.945431	26.61	0.35
105.4	146.4598058	26.77	0.543
206.6	138.0697036	26.73	0.907
151.1	153.51742	26.74	0.723
157	144.4543929	26.78	0.815
162.8	137.8760949	26.8	0.683
229.9	181.9973899	26.81	0.795
225.7	169.8808638	26.78	0.862
187.6	128.1916822	26.75	0.561
175.3	129.7210908	26.92	0.65
186.5	128.0864199	26.99	1.017
166.3	134.8352272	26.96	1.09
152.6	150.9537025	27.04	1.027
205.8	137.3085186	27.11	0.888
191.6	128.9773778	27.09	1.25
184.7	128.016195	27.09	0.701
134.4	187.2558705	27.29	0.433
155.3	146.7956779	27.47	0.789
171.6	131.3833467	27.6	1.127
180.9	128.2833916	27.5	1.271
209.3	140.9079226	27.44	0.955
212.1	144.3229273	27.5	0.715
181.6	128.1916822	27.64	0.561
194.7	130.0310681	27.75	0.919
203.9	135.6387698	27.68	0.981
224.1	165.9045121	27.69	0.821
248.2	160.6159553	27.75	0.461
51.9	188.7697038	28	0.361
347.8	133.7233811	28.26	0.497
200.4	133.042617	28.51	0.576
195.6	130.4120364	28.59	0.927
188.9	128.3773651	28.4	1.053
204.5	136.145503	28.26	0.809
216.4	150.6260744	28.32	0.568
228.5	177.6640101	28.48	0.665
270.9	144.1660972	28.59	0.387
182.7	128.0864199	28.78	0.386
176.7	129.2425815	29.06	0.291
235.7	184.8594495	29.4	0.205

148.8	157.837148	24.72	0.335	130.5	177.6027217	24.63
139.9	180.1014276	24.94	0.658	130.8	178.2808867	24.88
148.9	157.6389568	25.12	0.579	128.1	172.5243387	25.06
180.9	128.2833916	25.16	0.855	175.1	129.7960751	25.06
183.3	128.0489586	25.3	0.569	160.6	140.1309578	25.19
142.1	173.6334397	25.56	0.74	141.1	176.4826621	25.42
201	133.4453614	25.52	0.849	198.6	131.9350344	25.36
144.4	167.6049563	25.55	0.821	139.2	182.3192244	25.42
133.1	183.8283932	25.55	0.809	125.9	168.3704292	25.45
132.5	182.3197334	25.58	0.549	125.8	168.1922038	25.48
143.3	170.4007875	25.73	0.466	137.6	187.7071962	25.62
116.9	155.4951241	25.84	0.461	120.9	160.4771641	25.75
115.1	153.5922617	26.02	0.454	102.1	145.1070106	25.95
83.6	146.5582885	26.16	0.481	81.9	147.4736091	26.09
194	129.7583745	26.15	0.674	194.7	130.0310681	26.02
154.3	148.2703958	26.17	0.634	145.8	164.2624968	26.05
160.3	140.4603245	26.2	0.82	149.1	157.2454979	26.05
154.9	147.3766469	26.23	0.665	154.8	147.5237341	26.12
220	157.0502204	26.29	0.665	216.6	150.9537025	26.19
212.9	145.3938588	26.27	0.763	216	149.9805289	26.14
191.4	128.9229071	26.26	0.607	180.8	128.2980674	26.14
165.3	135.6387698	26.44	0.783	163.3	137.4017445	26.35
176.6	129.2740865	26.49	1.144	174.4	130.0717042	26.35
161.4	139.278727	26.45	1.049	159.5	141.3652945	26.28
149.6	156.2786798	26.51	0.998	143.9	168.856618	26.32
200.9	133.3770516	26.59	0.793	196.8	130.9739291	26.4
182.7	128.0864199	26.58	1.211	182.4	128.1104281	26.38
195.5	130.3680067	26.55	0.547	176.6	129.2740865	26.37
103.6	145.6589028	26.72	0.538	127.1	170.5798662	26.59
153.7	149.1915112	26.92	0.89	147	161.577273	26.81
164.8	136.0597477	27.03	1.051	161.2	139.4882645	26.86
176	129.4717308	26.92	1.216	171.7	131.3306282	26.7
208.5	140.0223639	26.9	0.921	201	133.4453614	26.74
213.5	146.2263702	27	0.779	210.8	142.6746234	26.9
176.8	129.2114853	27.11	0.681	176.7	129.2425815	27.01
185.9	128.0489586	27.24	1.207	186.8	128.1104281	27.07
197.5	131.3306282	27.18	1.186	193.1	129.4377621	26.97
221.8	160.717127	27.2	0.964	220	157.0502204	26.98
244.4	166.4581678	27.27	0.521	242.4	170.0150814	27.08
5.179	128.0225368	27.5	0.483	3.898	128.0256093	27.34
343.7	137.032099	27.7	0.434	330.6	154.4151969	27.53
205.7	137.2158368	27.89	0.764	200.1	132.8476073	27.75
185.9	128.0489586	27.97	1.035	188.1	128.2552218	27.79
179.4	128.5450401	27.82	1.219	177.6	128.9773778	27.57
186.7	128.1020341	27.71	0.91	198.8	132.0507649	27.52
213.5	146.2263702	27.8	0.661	209.3	140.9079226	27.64
224	165.6664139	27.98	0.788	220.9	158.8429179	27.84
252.2	155.6067462	28.03	0.45	254.6	153.0985737	27.92
188.8	128.3607156	28.2	0.346	183.3	128.0489586	28.16
180.8	128.2980674	28.43	0.379	164.3	136.4937737	28.38
165.2	135.7219305	28.77	0.239	228.9	178.8700569	28.72

0.387	138.8	183.6236488	158.9195076	Yes
0.791	136.7	190.9470722	176.1110952	Yes
0.643	141.2	176.1911131	167.7513162	Yes
0.923	187.3	128.1582717	133.4946807	Yes
0.864	178	128.870052	134.8865012	Yes
0.698	150.2	155.1495646	165.5803704	Yes
1.152	198.2	131.7089882	143.7763691	Yes
0.862	144.3	167.8527808	163.6396714	Yes
0.973	131.1	178.969176	171.7383453	Yes
0.595	128.7	173.7380647	171.2712324	Yes
0.522	138.8	183.6236488	164.0957007	Yes
0.468	115.9	154.4133891	155.4635418	Yes
0.432	99.7	144.4374183	151.4236883	Yes
0.523	98.1	144.1344398	154.0017743	Yes
0.727	194.1	129.7960751	140.9451016	Yes
0.717	153.8	149.0360615	150.1783962	Yes
0.853	149.5	156.470139	145.3369159	Yes
0.668	157.2	144.1921397	141.2061472	Yes
0.788	219.9	156.8559046	162.2693073	Yes
0.799	215.8	149.6625543	154.3115957	Yes
0.662	189.8	128.5450401	132.0934551	Yes
0.706	167.2	134.1548834	134.0316694	Yes
1.292	176.4	129.3383252	135.0416326	Yes
1.205	160.1	140.6829105	136.8432769	Yes
1.076	154.7	147.6715655	150.5261235	Yes
0.966	198.4	131.8211113	143.9594977	Yes
1.372	185.5	128.031795	132.145951	Yes
0.724	204.7	136.3185854	130.9705654	Yes
0.421	117.3	155.945431	163.4554437	Yes
0.872	154.2	148.4219956	147.0781326	Yes
1.318	167.8	133.7233811	134.3356622	Yes
1.518	175.8	129.5409061	131.2432984	Yes
1.052	208.9	140.4603245	147.7328731	Yes
0.824	209.6	141.2500277	153.2325434	Yes
0.761	186.1	128.0598829	130.7760923	Yes
1.228	189.8	128.5450401	134.3182799	Yes
1.264	196.3	130.7322487	139.0482522	Yes
1.023	222.3	161.7949854	160.7135279	Yes
0.548	235.2	186.1774937	165.463355	Yes
0.466	14.52	129.9589841	145.4079723	Yes
0.622	332.4	151.2846063	140.8987974	Yes
0.778	207.5	138.968767	138.9432815	Yes
1.228	184.4	128.0167799	134.2023353	Yes
1.324	183.5	128.0395961	132.2926227	Yes
1.024	193.9	129.7210908	141.6033566	Yes
0.749	215.5	149.1915112	150.9580584	Yes
0.85	224.7	167.3583715	163.5347068	Yes
0.466	242.4	170.0150814	156.8989197	Yes
0.41	189.5	128.4855767	129.2717445	Yes
0.341	173	130.6852129	131.2968921	Yes
0.268	190.1	128.6080861	154.5828775	Yes

9/15/2019	09:36	30.37	0.308
9/15/2019	09:37	30.64	0.344
9/15/2019	09:38	30.69	0.5
9/15/2019	09:39	30.56	0.402
9/15/2019	09:40	30.47	0.657
9/15/2019	09:41	30.57	0.419
9/15/2019	09:42	30.78	0.399
9/15/2019	09:43	30.52	0.611
9/15/2019	09:44	30.12	0.784
9/15/2019	09:45	30.2	0.297
9/15/2019	09:46	30.35	0.472
9/15/2019	09:47	30.16	0.917
9/15/2019	09:48	30.24	0.834
9/15/2019	09:49	30.24	0.748
9/15/2019	09:50	30.36	0.494
9/15/2019	09:51	30.34	0.952
9/15/2019	09:52	30.27	1.111
9/15/2019	09:53	30.29	0.594
9/15/2019	09:54	30.22	0.562
9/15/2019	09:55	30.31	0.925
9/15/2019	09:56	30.24	0.992
9/15/2019	09:57	30.36	0.644
9/15/2019	09:58	30.43	0.621
9/15/2019	09:59	30.46	0.732
9/15/2019	10:00	30.63	0.809
9/15/2019	10:01	30.67	0.872
9/15/2019	10:02	30.65	1.338
9/15/2019	10:03	30.54	1.127
9/15/2019	10:04	30.52	0.593
9/15/2019	10:05	30.54	0.978
9/15/2019	10:06	30.54	1.219
9/15/2019	10:07	30.5	1.152
9/15/2019	10:08	30.49	0.84
9/15/2019	10:09	30.54	0.845
9/15/2019	10:10	30.71	0.733
9/15/2019	10:11	30.78	0.547
9/15/2019	10:12	31.02	0.501
9/15/2019	10:13	31.17	0.837
9/15/2019	10:14	31.23	0.594
9/15/2019	10:15	31.35	0.537
9/15/2019	10:16	31.46	0.521
9/15/2019	10:17	31.55	0.393
9/15/2019	10:18	31.78	0.373
9/15/2019	10:19	32.04	0.505
9/15/2019	10:20	31.99	1.091
9/15/2019	10:21	31.71	1.064
9/15/2019	10:22	31.65	0.583
9/15/2019	10:23	31.72	0.55
9/15/2019	10:24	31.7	0.652
9/15/2019	10:25	31.85	0.882
9/15/2019	10:26	31.74	1.021

143.9	168.856618	30.61	0.357
96.2	143.9217129	30.86	0.37
12.59	129.2709176	30.81	0.538
323.6	169.6228634	30.79	0.394
327.1	161.3606366	30.77	0.68
32.81	145.2711696	30.91	0.437
313.7	192.5757179	31.17	0.403
301.8	161.7528127	30.97	0.727
298.5	157.3584661	30.5	0.794
265.8	145.579304	30.44	0.293
312.1	192.5757179	30.57	0.564
268.2	144.7678047	30.34	0.844
250.3	157.8506504	30.29	1.012
249.3	159.1288318	30.18	0.682
298.2	156.9963458	30.36	0.506
264.4	146.17582	30.38	0.993
245.9	164.0155381	30.2	1.167
219.2	155.5222256	30.15	0.703
273.5	143.8921176	30.09	0.603
257	150.9305587	30.24	1.037
271	144.1500472	30.15	0.901
302.7	163.0894665	30.26	0.67
286	146.7610226	30.34	0.769
267.5	144.9772949	30.38	0.829
242.8	169.2750169	30.53	0.834
265.3	145.7817973	30.6	0.897
240.6	173.5332689	30.54	1.484
228.1	176.4826621	30.34	1.313
238.5	178.0537144	30.29	0.658
258.8	149.5145601	30.39	1.011
241.8	171.1531239	30.38	1.285
260.2	148.5320061	30.33	1.288
254.4	153.294267	30.3	0.801
277.5	144.0500767	30.39	0.883
258.3	149.8904009	30.6	0.76
248.1	160.7554768	30.66	0.56
213.7	146.5095784	30.94	0.606
267.2	145.0738969	31.12	0.907
290.5	149.5886665	31.19	0.615
232.3	190.2134023	31.35	0.561
255.8	151.9734986	31.48	0.516
133.1	183.8283932	31.62	0.423
194.8	130.0717042	31.86	0.435
232.3	190.2134023	32.15	0.627
265.9	145.540202	32.12	1.145
250.8	157.2370948	31.78	1.105
280	144.5069269	31.68	0.651
246.4	163.2418433	31.75	0.633
310.2	176.9345288	31.76	0.797
291.2	150.1223115	31.92	1.023
327	161.577273	31.81	1.189

122.5	162.7870502	29.73	0.412
70.27	157.887999	29.96	0.485
349.2	132.7835393	29.86	0.663
297.1	155.7190033	29.76	0.466
309.9	176.2761595	29.71	0.789
355.5	129.6477719	29.72	0.575
299.7	158.8676643	29.92	0.472
289	148.5320061	29.8	0.767
269.1	144.530992	29.47	0.877
238.3	178.509184	29.56	0.308
287.1	147.3585869	29.69	0.783
245.3	164.9703808	29.5	0.96
226.9	173.0808789	29.55	1.369
227.2	173.9118416	29.49	0.8
272.1	144.0026586	29.65	0.625
232.8	192.0626612	29.62	1.279
222.7	162.6767095	29.46	1.455
204.3	135.9745142	29.45	1.074
249.2	159.2604663	29.42	0.688
240.2	174.3585583	29.57	1.319
246	163.8592137	29.43	1.148
269.4	144.4601404	29.57	1.001
261.1	147.9535689	29.62	1.072
238.1	178.969176	29.67	0.994
230.9	185.293471	29.86	1.082
243.7	167.6628412	29.91	1.088
215.4	149.0360615	29.84	1.625
201.5	133.7940871	29.61	1.527
219.4	155.8985853	29.57	0.774
237.7	179.9029136	29.66	1.063
217.9	153.1644801	29.69	1.455
232.2	189.8495428	29.66	1.507
232	189.1277069	29.63	0.93
252.6	155.1640479	29.73	1.064
236.7	182.3197334	29.94	0.936
220.5	158.0363201	29.98	0.697
200.3	132.977145	30.19	0.729
249.2	159.2604663	30.37	1.106
270.5	144.234728	30.43	0.85
214.5	147.6715655	30.57	0.748
231.7	188.0594614	30.67	0.606
116.3	154.8386144	30.8	0.515
171.4	131.490113	31.04	0.701
209	140.5713153	31.26	0.838
242.9	169.0922914	31.21	1.349
226.4	171.7238383	30.94	1.409
258.9	149.4409821	30.89	0.811
224.8	167.6049563	30.98	0.803
281.5	144.915171	30.92	0.998
269.4	144.4601404	31.1	1.369
307.8	171.9308504	30.92	1.428

120.3	159.6596036	29.1	0.301	130.1	176.7139881	29.06
65.6	164.489319	29.37	0.457	64.87	165.6727812	29.33
338.8	142.1896378	29.27	0.653	339.6	141.2500277	29.24
297.8	156.5227599	29.1	0.561	286.6	147.0796431	29.07
308.6	173.5332689	29	0.86	295.9	154.4133891	28.88
355.8	129.5409061	28.94	0.532	356.2	129.4042052	28.86
302.5	162.7870502	29.08	0.509	281.3	144.8548646	29.07
289.4	148.802358	29.01	0.888	280.1	144.530992	28.98
269.3	144.4833098	28.76	1.052	261.5	147.7095994	28.7
298.5	157.3584661	28.82	0.328	257.2	150.7645356	28.8
285.7	146.6082498	28.99	0.776	278.1	144.1344398	28.99
239.9	174.9883145	28.86	1.133	237.3	180.8553063	28.82
215.5	149.1915112	28.98	1.317	218.4	154.0534207	28.85
228.7	178.2639076	28.94	0.954	216.6	150.9537025	28.79
263.7	146.5088075	29.09	0.664	260.2	148.5320061	28.95
220.7	158.4376272	29.04	1.287	226.1	170.9259926	28.89
211.8	143.9325875	28.95	1.595	215.9	149.8211447	28.72
197	131.0736496	28.94	0.892	192.3	129.1807975	28.77
243.9	167.3143222	28.95	0.795	243.4	168.1922038	28.77
237.8	179.6677453	29.09	1.362	234.8	187.2558705	28.91
242.2	170.3906689	28.94	1.379	237.8	179.6677453	28.67
264.6	146.0849588	29.02	0.986	261	148.0158154	28.71
255.6	152.1552339	29.03	1.085	251.3	156.6401729	28.71
225.6	169.6228634	29.12	0.952	224.5	166.8688935	28.8
230.2	182.967997	29.3	1.103	223.9	165.4295013	29.03
239	176.9345288	29.36	1.18	235.4	185.6463296	29.07
209.6	141.2500277	29.33	1.936	208.5	140.0223639	29.07
197.4	131.2783518	29.11	1.752	198.4	131.8211113	28.82
225.4	169.1107479	29.09	0.779	208.3	139.8069561	28.87
233	192.385621	29.15	1.341	235.6	185.120437	28.91
209.1	140.6829105	29.19	1.595	209.7	141.3652945	28.94
225.2	168.6037636	29.19	1.734	223.6	164.7258126	28.94
224.5	166.8688935	29.18	1.123	227.4	174.472931	28.94
250.8	157.2370948	29.31	1.173	245	165.4588142	29.08
222.3	161.7949854	29.47	0.971	227.2	173.9118416	29.23
222.7	162.6767095	29.47	0.769	224.7	167.3583715	29.26
210.4	142.1896378	29.65	0.766	207.3	138.7650022	29.48
242.8	169.2750169	29.85	1.177	238.8	177.3788901	29.63
272.1	144.0026586	29.89	0.826	264.1	146.3156694	29.61
221.9	160.9305691	30.01	0.652	214.1	147.0846926	29.82
223.2	163.8037704	30.13	0.507	218.8	154.7805667	29.96
113.5	152.0640803	30.28	0.489	106.6	147.0796431	30.15
167.3	134.0817512	30.5	0.465	164.4	136.4059155	30.33
201.3	133.6531567	30.68	0.78	205.2	136.7605319	30.5
232.5	190.9470722	30.65	1.334	237.5	180.3767538	30.36
214.6	147.8201441	30.39	1.341	219.1	155.335435	30.09
252.3	155.4951241	30.33	0.702	249	159.5258496	30.05
225.3	168.856618	30.4	0.738	225.9	170.4007875	30.19
278.8	144.2529947	30.37	0.973	274.1	143.8710782	30.17
270.7	144.1995259	30.53	1.205	265.1	145.8660653	30.34
313.7	192.5757179	30.37	1.504	302.9	163.3950032	30.11

0.404	137.3	188.7697038	171.3573927	Yes
0.419	65.94	163.9529126	159.1849449	Yes
0.828	336.7	144.8528837	138.0694012	Yes
0.602	294.2	152.7142528	156.3317045	Yes
1.012	309.2	174.7773583	168.0721625	Yes
0.677	6.458	128.0833396	132.3894785	Yes
0.593	297.6	156.2898875	163.0750369	Yes
0.957	284.6	146.0849588	149.9406255	Yes
1.203	267.8	144.8847909	147.7934316	Yes
0.4	322.4	172.8067032	161.0036386	Yes
0.956	282.5	145.2440439	155.1842077	Yes
1.362	240.5	173.7380647	167.8639742	Yes
1.611	217.6	152.6415793	157.3636081	Yes
1.06	224.5	166.8688935	165.8254354	Yes
0.998	262.7	147.0253234	148.6130283	Yes
1.554	227.1	173.6334397	168.2471081	Yes
1.87	214.8	148.1195561	153.7131072	Yes
1.234	198.3	131.7648252	136.7032024	Yes
0.931	252.5	155.273777	158.7865774	Yes
1.718	235.7	184.8594495	175.4144364	Yes
1.547	240.4	173.943875	166.40231	Yes
1.44	269.9	144.3509966	149.2002755	Yes
1.454	258.7	149.5886665	150.619733	Yes
1.231	224.8	167.6049563	165.6086368	Yes
1.465	228.9	178.8700569	176.3672086	Yes
1.357	238.2	178.7386118	170.9528217	Yes
2.093	211	142.9209771	149.3525398	Yes
2.032	201.8	134.0091067	141.4770638	Yes
0.959	216.3	150.4634796	158.6666966	Yes
1.438	234.3	188.6345537	179.1116171	Yes
1.867	212.6	144.9870876	150.2705793	Yes
1.904	225.8	170.1401693	168.3702589	Yes
1.253	226.6	172.2625195	171.2052636	Yes
1.372	249.1	159.3928048	156.2605677	Yes
1.126	224.5	166.8688935	166.957171	Yes
0.855	228.2	176.7757169	165.120519	Yes
0.986	219.5	156.0881634	143.3059054	Yes
1.399	240.6	173.5332689	164.9043078	Yes
1.018	269.2	144.5069269	145.7297299	Yes
0.81	217.7	152.8150171	159.7430493	Yes
0.613	221.5	160.0831011	163.7400796	Yes
0.513	125.4	167.4881453	161.0597753	Yes
0.568	172.5	130.9247236	132.5948415	Yes
0.893	211.8	143.9325875	149.0261987	Yes
1.546	241.4	171.9308504	171.577434	Yes
1.6	219.1	155.335435	157.4903894	Yes
0.868	253.3	154.4133891	152.6764543	Yes
0.833	239.7	175.4133646	169.1035139	Yes
1.133	286.1	146.8129126	151.3573371	Yes
1.645	271.3	144.1045518	145.750519	Yes
1.583	314.7	192.5757179	176.4109125	Yes

9/15/2019	10:27	31.74	0.993
9/15/2019	10:28	31.78	0.965
9/15/2019	10:29	31.96	0.558
9/15/2019	10:30	32.04	0.93
9/15/2019	10:31	31.9	0.896
9/15/2019	10:32	31.91	0.711
9/15/2019	10:33	31.94	0.737
9/15/2019	10:34	31.96	1.237
9/15/2019	10:35	31.96	1.32
9/15/2019	10:36	32	1.185
9/15/2019	10:37	32.11	0.938
9/15/2019	10:38	32.23	0.736
9/15/2019	10:39	32.35	0.652
9/15/2019	10:40	32.63	0.48
9/15/2019	10:41	32.79	0.83
9/15/2019	10:42	32.79	1.037
9/15/2019	10:43	32.79	1.088
9/15/2019	10:44	32.72	0.445
9/15/2019	10:45	32.89	0.678
9/15/2019	10:46	32.98	0.912
9/15/2019	10:47	33.06	1.171
9/15/2019	10:48	32.85	0.901
9/15/2019	10:49	32.72	0.997
9/15/2019	10:50	32.71	1.098
9/15/2019	10:51	32.72	1.009
9/15/2019	10:52	32.63	0.748
9/15/2019	10:53	32.61	0.323
9/15/2019	10:54	32.94	0.804
9/15/2019	10:55	33.1	1.124
9/15/2019	10:56	33.34	1.303
9/15/2019	10:57	33.37	0.874
9/15/2019	10:58	33.33	1.199
9/15/2019	10:59	33.27	1.197
9/15/2019	11:00	33.29	1.227
9/15/2019	11:01	33.13	1.145
9/15/2019	11:02	33.18	1.199
9/15/2019	11:03	33.17	0.958
9/15/2019	11:04	33.12	1.156
9/15/2019	11:05	33.1	0.95
9/15/2019	11:06	33.27	0.948
9/15/2019	11:07	33.35	1.102
9/15/2019	11:08	33.34	1.35
9/15/2019	11:09	33.28	0.83
9/15/2019	11:10	33.33	0.962
9/15/2019	11:11	33.41	1.167
9/15/2019	11:12	33.72	0.792
9/15/2019	11:13	33.98	0.884
9/15/2019	11:14	33.88	1.347
9/15/2019	11:15	33.63	1.136
9/15/2019	11:16	33.59	0.937
9/15/2019	11:17	33.79	1.173

319.8	180.4133026	31.77	1.178
339.5	141.3652945	31.8	1.089
343.3	137.4017445	32	0.696
338.8	142.1896378	32.12	1.055
295.8	154.3086209	31.98	1.064
305.6	167.8384137	31.97	0.774
312.6	192.5757179	31.99	0.839
279	144.2908609	32	1.433
275.5	143.8833505	31.94	1.33
250.5	157.6032138	31.9	1.306
221.6	160.2933984	31.96	1.049
222.9	163.1241775	32.1	0.783
239.3	176.2761595	32.23	0.705
184.3	128.0177548	32.56	0.58
257.3	150.682349	32.82	0.921
232.3	190.2134023	32.81	1.31
224	165.6664139	32.72	1.306
256.7	151.183739	32.62	0.501
205.5	137.032099	32.89	0.765
220.2	157.4417417	32.96	1.029
243.7	167.6628412	33.01	1.218
261.9	147.4736091	32.79	1.25
209.8	141.481181	32.58	1.166
230.4	183.6236488	32.57	1.408
269.8	144.3719327	32.59	1.177
282.7	145.3153153	32.52	0.975
278.6	144.2169051	32.54	0.409
233.7	190.3353042	32.87	0.944
217.9	153.1644801	32.99	1.293
222.7	162.6767095	33.22	1.369
197.2	131.1751217	33.24	1.076
236.1	183.8283932	33.17	1.458
244.7	165.9547117	33.07	1.296
238.7	177.6027217	33.11	1.393
252.5	155.273777	32.92	1.245
264.1	146.3156694	32.95	1.249
294.7	153.1961245	32.99	1.146
283.3	145.540202	32.94	1.304
316.7	190.9470722	32.92	1.046
257.6	150.439072	33.11	1.053
253.4	154.3086209	33.2	1.428
249.8	158.4811294	33.16	1.442
271.7	144.0500767	33.08	1.153
310.9	178.509184	33.18	1.091
291.7	150.5196185	33.24	1.289
265.9	145.540202	33.55	0.797
287.5	147.5906108	33.87	1.071
294	152.5255981	33.78	1.599
299.1	158.1007946	33.51	1.276
301.8	161.7528127	33.45	1.069
308.9	174.1507045	33.63	1.323

300.5	159.929249	30.89	1.403
320.4	178.5661959	30.88	1.254
325.7	164.4935779	30.94	0.883
312.1	192.5757179	31.06	1.224
275.1	143.8710782	30.97	1.323
283.7	145.6994008	31.05	0.965
295.8	154.3086209	31.05	1.122
255.6	152.1552339	31.15	1.805
255.5	152.2469608	31.21	1.607
226.6	172.2625195	31.25	1.434
198.4	131.8211113	31.28	1.252
201	133.4453614	31.42	1.031
217.8	152.989316	31.53	0.937
171.8	131.2783518	31.87	0.859
238.6	177.8276612	32.11	1.164
210.7	142.5524154	32.16	1.715
195	130.1542428	32.03	1.623
217.7	152.8150171	31.92	0.597
177.9	128.8962779	32.14	1.001
194.6	129.9908531	32.15	1.319
225.4	169.1107479	32.19	1.81
232.3	190.2134023	31.97	1.504
183.4	128.0440822	31.76	1.667
203.7	135.4739906	31.8	1.621
248.5	160.201762	31.88	1.507
257.7	150.3590693	31.76	1.236
235.7	184.8594495	31.87	0.421
211.7	143.8038178	32.15	1.241
200.3	132.977145	32.25	1.71
200.8	133.3092177	32.53	1.672
176.6	129.2740865	32.47	1.639
211.6	143.6757156	32.38	1.933
220.6	158.2364782	32.31	1.848
224.3	166.3842917	32.4	1.851
228.5	177.6640101	32.2	1.66
243.2	168.5495467	32.3	1.381
273.9	143.8763375	32.31	1.674
264	146.3632375	32.22	1.644
292.1	150.8472717	32.19	1.32
234.8	187.2558705	32.35	1.335
232.8	192.0626612	32.45	1.953
223.1	163.5761126	32.45	1.793
248.4	160.3391006	32.37	1.45
291.1	150.0444711	32.45	1.498
266.6	145.2794496	32.48	1.84
237	181.5820782	32.89	1.049
266.4	145.3516416	33.2	1.64
266.5	145.3153153	33.07	2.182
275	143.869106	32.8	1.747
276.7	143.962286	32.77	1.546
287.5	147.5906108	32.88	1.71

300	159.2604663	30.36	1.466	289.8	149.0809751	30.13
323.9	168.856618	30.31	1.36	313.6	192.5757179	29.98
327.3	160.9305691	30.33	0.821	317.8	187.0083138	30.05
313.5	192.5757179	30.48	1.301	302.3	162.4877295	30.24
271.5	144.0764313	30.41	1.34	263.7	146.5088075	30.2
282.4	145.2090977	30.48	0.936	276.6	143.9532925	30.28
295.2	153.6927882	30.52	1.029	288	147.8918251	30.36
251	156.9963458	30.65	1.761	245.3	164.9703808	30.43
252	155.8318976	30.71	1.604	247.6	161.4641376	30.43
219.6	156.2786798	30.76	1.522	216.4	150.6260744	30.47
194.8	130.0717042	30.83	1.158	188.6	128.328602	30.57
201.3	133.6531567	30.94	0.901	200.2	132.9121422	30.68
228.6	177.9631823	31.05	0.786	219.3	155.7099409	30.81
184.7	128.016195	31.38	0.724	164.9	135.9745142	31.12
228.1	176.4826621	31.62	0.982	230.8	184.9559525	31.35
204.3	135.9745142	31.74	1.627	195.5	130.3680067	31.46
187.2	128.1479193	31.6	1.631	184.1	128.0208746	31.24
211.3	143.2953883	31.46	0.561	207.6	139.0715101	31.15
176.7	129.2425815	31.63	0.884	170.1	132.2277664	31.37
187.8	128.2159189	31.57	1.268	188.3	128.2833916	31.2
214.4	147.5237341	31.61	1.483	214.8	148.1195561	31.25
224.2	166.1438025	31.43	1.489	222.9	163.1241775	31.06
175.1	129.7960751	31.22	1.478	173.8	130.3244035	30.88
199.3	132.3480491	31.3	1.624	196.2	130.6852129	30.95
244.9	165.6232794	31.43	1.458	241.5	171.7349716	31.05
245.8	164.1726616	31.27	1.142	241.1	172.5243387	30.9
250.5	157.6032138	31.36	0.438	240.2	174.3585583	31.1
209	140.5713153	31.64	1.161	208.2	139.7001382	31.36
202.2	134.3026158	31.75	1.739	193.2	129.4717308	31.44
195.4	130.3244035	32.08	1.783	189.9	128.565657	31.73
172	131.1751217	31.93	1.402	171.9	131.2265166	31.45
202.1	134.2285045	31.8	1.756	204	135.7219305	31.33
215.9	149.8211447	31.77	1.581	213.8	146.6522652	31.38
217.6	152.6415793	31.87	1.836	216.9	151.4512959	31.48
222.8	162.8998881	31.7	1.541	223.1	163.5761126	31.31
244.8	165.7885774	31.82	1.608	240.2	174.3585583	31.39
271.6	144.0630334	31.81	1.493	265.4	145.7403654	31.37
259.9	148.733998	31.7	1.714	256.8	151.0987909	31.29
289.5	148.8712346	31.65	1.273	278.9	144.2717056	31.31
227	173.356455	31.8	1.309	229	179.1755005	31.51
228.7	178.2639076	31.88	1.735	225.1	168.3521774	31.51
217.2	151.9563603	31.87	1.742	217.4	152.2972712	31.45
243.7	167.6628412	31.85	1.318	240.9	172.92492	31.46
291.1	150.0444711	31.98	1.31	282.2	145.1405816	31.63
262.3	147.2455367	31.95	1.799	255	152.7142528	31.54
238.5	178.0537144	32.36	1.014	226.4	171.7238383	31.93
265.1	145.8660653	32.68	1.46	258.6	149.6633025	32.27
259.3	149.1519294	32.5	1.961	252.5	155.273777	32.1
273.2	143.9085582	32.24	1.689	266	145.5015641	31.75
273.2	143.9085582	32.19	1.427	266.7	145.2440439	31.76
286	146.7610226	32.28	1.664	277.7	144.0764313	31.8

1.668	293.6	152.1552339	160.1678454	Yes
1.507	324.3	167.8527808	169.8433214	Yes
0.994	326.1	163.5761126	162.6820636	Yes
1.378	304.5	165.9547117	171.156703	Yes
1.597	269.7	144.3933148	146.6316505	Yes
1.075	283.7	145.6994008	149.6799211	Yes
1.192	294.3	152.8094541	160.2556812	Yes
2.221	250.5	157.6032138	155.2032071	Yes
1.931	252.3	155.4951241	153.7842941	Yes
1.643	219.9	156.8559046	158.7252784	Yes
1.336	196.8	130.9739291	136.297749	Yes
1.117	207.3	138.7650022	140.379968	Yes
1.146	226.2	171.1905949	166.8258387	Yes
0.896	174.2	130.1542428	130.6882117	Yes
1.201	223.8	165.1937679	171.0284785	Yes
1.853	204.5	136.145503	147.0507683	Yes
1.774	192.3	129.1807975	136.2340496	Yes
0.554	222.2	161.577273	149.5885855	Yes
1.054	174.6	129.9908531	131.4779156	Yes
1.446	190	128.5866722	134.5037155	Yes
1.909	215.9	149.8211447	156.4476048	Yes
1.685	223.4	164.2624968	166.2434977	Yes
1.907	173.9	130.2812262	131.9853936	Yes
1.768	201.8	134.0091067	143.2280016	Yes
1.807	244.3	166.6276829	161.7119257	Yes
1.299	244.8	165.7885774	159.6319924	Yes
0.592	248.2	160.6159553	164.3308164	Yes
1.316	210.5	142.3099249	151.3441001	Yes
1.874	200.9	133.3770516	136.6586047	Yes
1.979	193.1	129.4377621	136.86275	Yes
1.868	173.8	130.3244035	130.63505	Yes
1.93	206.9	138.3643054	147.1637698	Yes
1.917	223.8	165.1937679	157.1716735	Yes
2.126	225.4	169.1107479	163.4381273	Yes
1.802	226.6	172.2625195	166.3352615	Yes
1.744	248.7	159.929249	162.9883202	Yes
1.868	272.4	143.9717192	146.169516	Yes
1.991	264.5	146.1301527	147.5732762	Yes
1.481	280.6	144.6580519	155.9190672	Yes
1.64	229.4	180.4133026	174.1280401	Yes
2.095	229.3	180.1014276	174.6177589	Yes
2.103	221.2	159.4584123	157.1538572	Yes
1.474	247.2	162.0444998	161.4042876	Yes
1.692	293	151.6168585	155.0711133	Yes
2.486	262.2	147.3018158	148.6121347	Yes
1.132	242.2	170.3906689	169.4581004	Yes
1.888	267.4	145.0090396	146.696132	Yes
2.616	257.5	150.5196185	150.5572477	Yes
2.036	272.7	143.9447385	147.0649523	Yes
1.989	274.1	143.8710782	147.7477558	Yes
2.183	280.4	144.6058796	151.4369298	Yes

9/15/2019	11:18	33.82	1.059
9/15/2019	11:19	33.76	1.471
9/15/2019	11:20	33.6	0.956
9/15/2019	11:21	33.68	1.091
9/15/2019	11:22	33.81	1.263
9/15/2019	11:23	33.76	0.686
9/15/2019	11:24	33.84	0.747
9/15/2019	11:25	33.9	0.72
9/15/2019	11:26	34.11	0.967
9/15/2019	11:27	34.2	1.41
9/15/2019	11:28	34.08	0.919
9/15/2019	11:29	34.12	1.128
9/15/2019	11:30	34	1.145
9/15/2019	11:31	33.96	0.917
9/15/2019	11:32	34.03	0.782
9/15/2019	11:33	34.13	1.118
9/15/2019	11:34	34.14	0.575
9/15/2019	11:35	34.27	0.933
9/15/2019	11:36	34.3	0.899
9/15/2019	11:37	34.21	0.89
9/15/2019	11:38	34.54	0.852
9/15/2019	11:39	34.6	1.11
9/15/2019	11:40	34.62	0.789
9/15/2019	11:41	34.65	0.802
9/15/2019	11:42	34.67	0.887
9/15/2019	11:43	34.62	0.793
9/15/2019	11:44	34.56	1.201
9/15/2019	11:45	34.64	1.189
9/15/2019	11:46	34.64	1.544
9/15/2019	11:47	34.65	1.132
9/15/2019	11:48	34.49	1.282
9/15/2019	11:49	34.46	0.906
9/15/2019	11:50	34.51	1.246
9/15/2019	11:51	34.37	1.112
9/15/2019	11:52	34.32	0.613
9/15/2019	11:53	34.39	0.628
9/15/2019	11:54	34.59	1.365
9/15/2019	11:55	34.86	1.358
9/15/2019	11:56	35.01	1.133
9/15/2019	11:57	34.83	0.505
9/15/2019	11:58	34.99	0.831
9/15/2019	11:59	35.06	1.257
9/15/2019	12:00	35.2	1.084
9/15/2019	12:01	35.11	1.166
9/15/2019	12:02	35	1.478
9/15/2019	12:03	34.92	1.451
9/15/2019	12:04	34.99	1.459
9/15/2019	12:05	34.98	1.476
9/15/2019	12:06	34.84	1.035
9/15/2019	12:07	34.87	1.111
9/15/2019	12:08	34.91	1.183

316.3	192.4386028	33.68	1.11
298.1	156.8769637	33.57	1.515
267.1	145.1070106	33.42	1.189
278.2	144.1500472	33.45	1.246
252.2	155.6067462	33.57	1.197
245.8	164.1726616	33.53	0.816
204.2	135.8898012	33.65	0.893
239	176.9345288	33.73	0.857
240	174.7773583	33.95	1.346
232.5	190.9470722	34.03	1.929
228.6	177.9631823	33.84	1.091
247.1	162.1914802	33.9	1.34
279.2	144.3305061	33.82	1.317
275.2	143.8734887	33.8	1.022
305.4	167.4881453	33.9	0.882
271.3	144.1045518	33.99	1.337
306.8	170.0150814	33.97	0.614
322.4	172.8067032	34.11	0.96
296.4	154.9464686	34.13	1.095
325.6	164.7258126	34.05	1.001
292.3	151.0143979	34.4	0.912
306.4	169.2750169	34.5	1.199
345.6	135.3923691	34.55	0.95
322.3	173.0808789	34.62	0.823
335.9	145.9460296	34.65	1.146
301.8	161.7528127	34.61	0.863
250.5	157.6032138	34.51	1.348
264.8	145.9959883	34.5	1.421
248.2	160.6159553	34.42	1.688
220.8	158.6397721	34.37	1.286
206.2	137.6847037	34.2	1.425
277.6	144.0630334	34.15	1.086
276.1	143.914916	34.25	1.308
289.5	148.8712346	34.15	1.199
308.8	173.943875	34.06	0.68
283.2	145.5015641	34.18	0.753
248.6	160.0651457	34.36	1.545
259.9	148.733998	34.59	1.39
247.6	161.4641376	34.76	1.319
182.5	128.1020341	34.56	0.601
248.9	159.6596036	34.75	1.104
237.8	179.6677453	34.77	1.44
268.8	144.6058796	34.89	1.27
300.4	159.7940691	34.85	1.567
304.9	166.6276829	34.73	1.806
285.3	146.4112828	34.65	1.745
286.6	147.0796431	34.71	1.628
279.3	144.3509966	34.69	1.619
306.4	169.2750169	34.57	1.147
287.4	147.531862	34.6	1.471
280.6	144.6580519	34.62	1.49

293.9	152.4321413	32.83	1.531
271.1	144.1344398	32.72	2.191
238.2	178.7386118	32.62	1.618
251.3	156.6401729	32.69	1.493
227.3	174.1916691	32.82	1.666
229.1	179.4825368	32.78	1.052
181.5	128.2036041	32.92	1.289
212	144.1921397	33.01	1.165
221.5	160.0831011	33.31	1.491
205.8	137.3085186	33.35	2.544
201.2	133.5834127	33.07	1.538
221.7	160.5047386	33.15	1.727
249.1	159.3928048	33.09	1.791
254.8	152.9052402	33.13	1.387
271.7	144.0500767	33.25	1.195
249.7	158.6092822	33.31	1.779
278.6	144.2169051	33.28	0.874
300.1	159.3928048	33.37	1.307
274.1	143.8710782	33.33	1.642
305.8	168.1922038	33.24	1.41
267	145.1405816	33.6	0.984
286.2	146.8652868	33.69	1.43
321.2	176.1911131	33.67	1.21
302.7	163.0894665	33.74	1.146
312.5	192.5757179	33.77	1.386
280.6	144.6580519	33.67	1.086
231	185.6327901	33.65	1.57
235.8	184.5997584	33.77	1.916
214.7	147.9694733	33.71	2.077
199.6	132.5319155	33.66	1.926
177.7	128.9499403	33.47	1.647
252.1	155.7190033	33.4	1.316
254.3	153.3930028	33.5	1.646
264.4	146.17582	33.38	1.794
292.3	151.0143979	33.28	0.954
258.2	149.967168	33.33	0.88
222.8	162.8998881	33.61	1.779
235.8	184.5997584	33.94	1.509
222.1	161.3606366	34.09	1.646
181.4	128.2159189	33.88	0.714
231.9	188.7697038	34.08	1.412
218.5	154.2338617	34.12	1.989
245.1	165.2951784	34.25	1.812
274.8	143.8664765	34.12	2.444
284.2	145.9089029	33.96	2.467
261.6	147.6498563	33.96	2.582
263.4	146.658692	34.08	2.244
254.6	153.0985737	34.03	2.262
276.4	143.936624	33.94	1.604
260.1	148.5988232	33.9	1.935
259.9	148.733998	33.95	2.255

289.8	149.0809751	32.22	1.453	283.7	145.6994008	31.77
265.7	145.6188708	32.13	2.019	259.2	149.2234061	31.65
232.5	190.9470722	32.05	1.529	227	173.356455	31.64
245.1	165.2951784	32.13	1.496	242.8	169.2750169	31.69
218.6	154.4151969	32.25	1.557	219.2	155.5222256	31.79
224.4	166.6259865	32.22	0.905	223.9	165.4295013	31.78
171.5	131.436508	32.4	1.091	169.4	132.6567999	31.96
206.8	138.2655439	32.49	0.986	199.2	132.2876789	32.12
219.7	156.470139	32.84	1.708	210.5	142.3099249	32.53
197.6	131.3833467	32.82	2.432	196.1	130.6386087	32.35
190.8	128.7691755	32.51	1.387	188.6	128.328602	32.03
218	153.3405134	32.59	1.685	215.4	149.0360615	32.1
242.3	170.2024087	32.51	1.772	237.2	181.0963649	32
253.7	153.9979779	32.55	1.295	246.7	162.7870502	32.02
273.9	143.8763375	32.69	1.171	263.4	146.658692	32.2
246.9	162.4877295	32.78	1.718	241.4	171.9308504	32.28
272.7	143.9447385	32.66	0.78	263.6	146.5582885	32.13
296.6	155.1640479	32.76	1.171	288.7	148.3346233	32.33
273.9	143.8763375	32.73	1.424	267.9	144.8548646	32.35
305	166.7980522	32.66	1.337	298.7	157.6032138	32.32
271.6	144.0630334	32.98	1.085	260.8	148.1418203	32.67
287.7	147.7095994	33.07	1.47	279.8	144.4601404	32.7
318.6	184.28627	33.03	1.096	309.2	174.7773583	32.55
297.3	155.945431	33.09	1.105	291.8	150.6007104	32.57
310.9	178.509184	33.14	1.437	303.7	164.6488595	32.64
280.4	144.6058796	33.01	0.989	273.3	143.9026392	32.48
230	182.3192244	33.07	1.635	225.1	168.3521774	32.62
231.2	186.3168781	33.19	1.864	222.1	161.3606366	32.72
214.4	147.5237341	33.13	2.207	208.8	140.3499361	32.59
199	132.1683105	33.1	1.627	193.6	129.6117355	32.58
181.7	128.180153	32.9	1.865	177	129.1505175	32.41
251.1	156.8769637	32.84	1.312	245.3	164.9703808	32.43
257.6	150.439072	32.93	1.605	244.5	166.2895033	32.53
258.5	149.7384694	32.84	1.586	251.7	156.1744239	32.36
292.2	150.9305587	32.69	0.877	288.8	148.3999072	32.25
250.8	157.2370948	32.76	0.835	254.3	153.3930028	32.39
220.3	157.6389568	33.03	1.863	216.7	151.1187431	32.75
244.1	166.9692794	33.36	1.666	234.3	188.6345537	33
219.3	155.7099409	33.52	1.646	215.9	149.8211447	33.06
185.9	128.0489586	33.3	0.648	179.2	128.5866722	32.87
234.8	187.2558705	33.47	1.41	223.9	165.4295013	33.1
215.4	149.0360615	33.45	1.755	212	144.1921397	32.93
248.3	160.4771641	33.58	1.578	236.2	183.5738179	33.12
274.8	143.8664765	33.53	2.108	268.6	144.6580519	32.96
284.8	146.17582	33.36	2.268	277.4	144.0375611	32.84
255.9	151.8834871	33.43	2.184	248.2	160.6159553	33
262.1	147.3585869	33.58	2.01	253.3	154.4133891	33.13
254.8	152.9052402	33.5	2.093	246.6	162.9378699	32.97
271.1	144.1344398	33.44	1.414	265.6	145.6589028	32.92
260.1	148.5988232	33.36	1.807	251.6	156.2898875	32.84
258.9	149.4409821	33.38	2.003	251.5	156.4059988	32.88

1.717	286.4	146.9714914	157.3245223	Yes
2.665	263.4	146.658692	148.5024745	Yes
1.965	231.4	187.0083138	175.0314927	Yes
1.932	244	167.1413681	160.5003567	Yes
1.912	222.3	161.7949854	160.3061647	Yes
1.106	229.4	180.4133026	171.2247977	Yes
1.288	177.4	129.0334674	131.4440361	Yes
1.224	199.6	132.5319155	144.8423613	Yes
2.019	212.7	145.1219829	155.7525012	Yes
2.962	200.7	133.2418584	144.7038809	Yes
1.713	190.5	128.6977354	139.4684216	Yes
2.02	217.9	153.1644801	155.6474548	Yes
2.021	245.2	165.1323684	164.0308906	Yes
1.558	257.5	150.5196185	152.8166751	Yes
1.451	272.5	143.962286	149.2071075	Yes
2.044	251.9	155.945431	158.615569	Yes
1.012	267.4	145.0090396	149.9488106	Yes
1.391	293.7	152.2469608	157.589028	Yes
1.76	274.6	143.8656	146.2828698	Yes
1.606	302.8	163.2418433	164.1122251	Yes
1.227	269.1	144.530992	146.578165	Yes
1.804	287.9	147.8305829	151.2281253	Yes
1.341	312.9	192.5757179	172.6445657	Yes
1.424	293.3	151.8834871	158.9199948	Yes
1.651	309.2	174.7773583	171.2914299	Yes
1.184	282	145.0738969	147.9986561	Yes
1.814	229.7	181.3587702	175.0532352	Yes
2.31	229.8	181.6772422	171.9901007	Yes
2.494	216.9	151.4512959	149.5820789	Yes
2.132	201.4	133.7233811	137.335023	Yes
1.839	185.6	128.0355004	130.400163	Yes
1.54	255.5	152.2469608	154.7752684	Yes
1.93	257.3	150.682349	152.9437686	Yes
1.951	255.3	152.4321413	150.6784178	Yes
0.991	297.1	155.7190033	156.0015484	Yes
0.869	254.2	153.4923338	151.9182327	Yes
2.237	222.6	162.4546358	158.8354739	Yes
1.979	241.6	171.5400605	172.09553	Yes
1.882	224	165.6664139	158.8044547	Yes
0.757	173.7	130.3680067	128.6643181	Yes
1.752	236	184.0842372	177.0397833	Yes
2.243	216.8	151.2846063	155.6828829	Yes
2.158	244	167.1413681	164.2186816	Yes
2.916	275.4	143.8796248	147.2129398	Yes
2.904	283.5	145.6188708	149.6737675	Yes
3.062	257.4	150.6007104	151.4322584	Yes
2.721	262.4	147.1897488	148.540012	Yes
2.701	256.1	151.7051686	152.9995698	Yes
1.85	269.4	144.4601404	149.4930248	Yes
2.257	259.3	149.1519294	150.0342651	Yes
2.798	256.1	151.7051686	150.1888399	Yes

9/15/2019	12:09	34.97	1.218
9/15/2019	12:10	34.9	1.183
9/15/2019	12:11	34.82	1.143
9/15/2019	12:12	34.87	1.066
9/15/2019	12:13	34.67	1.815
9/15/2019	12:14	34.71	1.474
9/15/2019	12:15	34.89	1.294
9/15/2019	12:16	34.87	1.218
9/15/2019	12:17	34.87	1.373
9/15/2019	12:18	34.98	1.095
9/15/2019	12:19	35.02	1.446
9/15/2019	12:20	34.86	1.267
9/15/2019	12:21	34.91	1.209
9/15/2019	12:22	34.88	1.456
9/15/2019	12:23	34.78	1.188
9/15/2019	12:24	34.76	1.09
9/15/2019	12:25	34.87	0.623
9/15/2019	12:26	35.01	1.358
9/15/2019	12:27	35.21	1.16
9/15/2019	12:28	35.32	1.263
9/15/2019	12:29	35.44	0.876
9/15/2019	12:30	35.5	1.088
9/15/2019	12:31	35.59	0.809
9/15/2019	12:32	35.64	1.722
9/15/2019	12:33	35.45	1.437
9/15/2019	12:34	35.35	1.342
9/15/2019	12:35	35.18	0.828
9/15/2019	12:36	35.39	1.119
9/15/2019	12:37	35.44	1.031
9/15/2019	12:38	35.52	0.545
9/15/2019	12:39	35.69	1.029
9/15/2019	12:40	35.77	0.907
9/15/2019	12:41	35.9	0.893
9/15/2019	12:42	36.09	1.734
9/15/2019	12:43	36.09	1.43
9/15/2019	12:44	36.06	1.656
9/15/2019	12:45	35.96	1.323
9/15/2019	12:46	35.81	1.64
9/15/2019	12:47	35.58	1.549
9/15/2019	12:48	35.41	1.339
9/15/2019	12:49	35.38	1.022
9/15/2019	12:50	35.31	1.27
9/15/2019	12:51	35.18	0.871
9/15/2019	12:52	35.44	0.827
9/15/2019	12:53	35.72	1.188
9/15/2019	12:54	35.86	1.743
9/15/2019	12:55	35.95	1.045
9/15/2019	12:56	36.05	1.713
9/15/2019	12:57	35.86	1.406
9/15/2019	12:58	35.9	1.722
9/15/2019	12:59	35.79	1.392

299.2	158.226888	34.67	1.516
309.1	174.5674412	34.63	1.595
299.1	158.1007946	34.54	1.213
315.1	192.5757179	34.61	1.309
326.5	162.6767095	34.46	2.234
294.1	152.6196347	34.47	1.629
312.6	192.5757179	34.64	1.563
317.1	189.4876488	34.62	1.486
292.2	150.9305587	34.61	1.688
296.3	154.8386144	34.7	1.315
289.7	149.010542	34.76	1.775
294.7	153.1961245	34.55	1.525
313.6	192.5757179	34.6	1.746
310.4	177.3788901	34.61	1.726
289.7	149.010542	34.54	1.25
318.8	183.6236488	34.57	1.147
354.1	130.1961465	34.63	0.772
273.5	143.8921176	34.79	1.645
287.2	147.415851	34.93	1.411
254.6	153.0985737	35.03	1.368
260.8	148.1418203	35.16	1.155
287	147.3018158	35.22	1.144
285.1	146.3156694	35.35	0.957
272.3	143.9815923	35.43	1.809
272.3	143.9815923	35.18	1.677
274	143.8734887	35.07	1.627
271.2	144.1192747	34.85	0.88
248.7	159.929249	35.09	1.248
280.9	144.7396894	35.15	1.007
270.6	144.2169051	35.25	0.64
303.9	164.9703808	35.42	1.255
296.8	155.3841351	35.5	0.906
295.6	154.1009172	35.62	1.053
247.4	161.7528127	35.75	2.065
268.3	144.7396894	35.75	1.572
280.2	144.5555056	35.7	1.829
283.6	145.6589028	35.59	1.429
276.3	143.9289489	35.43	1.878
280.4	144.6058796	35.2	1.843
273.3	143.9026392	35.03	1.555
254.7	153.0016129	35	1.142
289	148.5320061	34.98	1.565
294.8	153.294267	34.88	0.958
259.2	149.2234061	35.12	1.04
257.8	150.2796092	35.42	1.449
254.6	153.0985737	35.58	1.922
269.4	144.4601404	35.65	1.396
243.1	168.7295603	35.71	2.008
258.5	149.7384694	35.5	1.62
261.6	147.6498563	35.52	1.922
252.5	155.273777	35.38	1.424

273.9	143.8763375	34	2.222
282.8	145.3516416	33.93	2.255
276.7	143.962286	33.77	1.861
295	153.4923338	33.87	1.824
300.2	159.5258496	33.68	2.763
269.2	144.5069269	33.78	2.214
286	146.7610226	33.95	2.087
287.9	147.8305829	33.86	2.119
270.2	144.2908609	33.86	2.51
273.5	143.8921176	34.03	1.857
261.9	147.4736091	34.06	2.604
267.2	145.0738969	33.87	2.262
288.3	148.0785655	33.86	2.333
288.8	148.3999072	33.82	2.39
271	144.1500472	33.75	1.675
294.8	153.294267	33.79	1.469
326.1	163.5761126	33.79	0.815
253	154.7313813	33.96	2.138
256.5	151.3553066	34.23	1.905
234.2	188.9144624	34.4	1.699
234.7	187.5288517	34.56	1.431
270.5	144.234728	34.62	1.535
250.8	157.2370948	34.76	1.238
251.1	156.8769637	34.85	2.222
246.7	162.7870502	34.61	1.984
251.5	156.4059988	34.5	2.284
237.1	181.3386201	34.3	1
232.3	190.2134023	34.59	1.22
259.8	148.802358	34.61	1.24
164.3	136.4937737	34.7	0.69
285.4	146.4598058	34.83	1.772
280.5	144.6317408	34.86	1.181
268.1	144.796372	34.9	1.327
226.8	172.8067032	35.07	1.993
247.7	161.3209223	35.13	1.769
259.5	149.010542	35.05	2.258
265	145.9089029	34.91	1.904
257.8	150.2796092	34.73	2.335
254.2	153.4923338	34.56	2.308
250.5	157.6032138	34.42	2.038
230.7	184.6202228	34.42	1.302
265.3	145.7817973	34.4	2.126
276.1	143.914916	34.19	1.279
232.1	189.4876488	34.51	1.27
243.5	168.0148666	34.85	1.873
230.6	184.28627	35	2.02
243.9	167.3143222	35.09	1.736
217.6	152.6415793	35.09	2.279
228.9	178.8700569	34.84	2.001
235	186.7139875	34.89	2.411
229.8	181.6772422	34.74	1.632

268.8	144.6058796	33.39	1.906	261.9	147.4736091	32.78
281.2	144.8253918	33.31	2.098	276.4	143.936624	32.75
276.1	143.914916	33.11	1.729	272.2	143.9919054	32.59
293.3	151.8834871	33.26	1.756	288.1	147.9535689	32.71
296	154.5187706	33.09	2.942	290.4	149.5145601	32.59
268.1	144.796372	33.18	2.068	261.5	147.7095994	32.72
283.4	145.579304	33.4	2.009	278.4	144.18259	32.9
286.1	146.8129126	33.28	1.975	280.3	144.580468	32.76
269	144.5555056	33.3	2.239	265	145.9089029	32.76
271.4	144.0902707	33.47	1.655	265.6	145.6589028	32.98
261.9	147.4736091	33.51	2.313	256.4	151.441929	32.92
266.5	145.3153153	33.32	1.97	260.2	148.5320061	32.81
286.5	147.0253234	33.26	2.316	280.8	144.7120259	32.73
286.9	147.2455367	33.27	2.238	283.5	145.6188708	32.76
272.5	143.962286	33.15	1.706	263.8	146.4598058	32.61
291	149.967168	33.2	1.421	286.4	146.9714914	32.62
325	166.1438025	33.18	0.837	314.4	192.5757179	32.74
249.8	158.4811294	33.37	2.153	241.7	171.3461128	32.96
255.3	152.4321413	33.66	1.747	247.8	161.1784514	33.2
229.5	180.726811	33.86	1.718	224.6	167.1130196	33.44
236	184.0842372	34.05	1.515	227.1	173.6334397	33.66
271.9	144.0254863	34.15	1.374	264.7	146.0402375	33.74
248.6	160.0651457	34.28	1.142	239.5	175.8426324	33.89
250.6	157.480505	34.37	2.265	241.9	170.9610894	33.87
245.8	164.1726616	34.14	2.052	235.3	185.9112491	33.6
245.6	164.489319	34	2.134	237.5	180.3767538	33.43
248.2	160.6159553	33.81	1.108	233.3	191.4980279	33.27
233.3	191.4980279	34.08	1.435	218.3	153.8738695	33.7
264.1	146.3156694	34.09	1.239	255.5	152.2469608	33.65
196.4	130.7797169	34.15	0.712	14.06	129.7809448	33.81
279.7	144.4374183	34.31	1.666	274.3	143.8675721	33.89
272	144.0138522	34.33	1.167	271.7	144.0500767	33.93
269.4	144.4601404	34.37	1.318	261.1	147.9535689	34.03
224.8	167.6049563	34.58	2.571	217.5	152.4689987	34.2
247.6	161.4641376	34.63	1.96	239.9	174.9883145	34.18
261	148.0158154	34.54	2.292	255.5	152.2469608	34.04
266	145.5015641	34.34	1.826	257.8	150.2796092	33.85
258.4	149.8141685	34.17	2.282	250.4	157.7265948	33.67
252.8	154.9464686	34	2.229	246.3	163.3950032	33.43
251.1	156.8769637	33.87	1.97	241	172.724134	33.33
228.2	176.7757169	33.86	1.358	227.6	175.0397923	33.34
262.9	146.9181461	33.85	1.946	254	153.6927882	33.41
283.2	145.5015641	33.61	1.208	277.7	144.0764313	33.18
231.6	187.7071962	33.93	1.301	222.1	161.3606366	33.52
265.5	145.6994008	34.3	1.832	235.7	184.8594495	33.92
229.2	179.7911758	34.47	2.42	223.1	163.5761126	34.06
242.5	169.8286827	34.49	1.715	235.2	186.1774937	34.03
214.2	147.2303008	34.5	2.466	207.6	139.0715101	34.05
221.7	160.5047386	34.23	2.085	215.4	149.0360615	33.78
231.2	186.3168781	34.3	2.528	224.3	166.3842917	33.87
228.4	177.3663815	34.13	1.852	224.8	167.6049563	33.56

2.846	266.6	145.2794496	147.8924328	Yes
2.765	280.7	144.6848135	150.6731824	Yes
2.291	280.4	144.6058796	146.9151563	Yes
2.235	295.3	153.7939153	159.9398046	Yes
3.633	291.2	150.1223115	155.2716403	Yes
2.686	266.4	145.3516416	146.9968349	Yes
2.544	283.4	145.579304	154.9355877	Yes
2.494	286.3	146.9181461	155.1259517	Yes
3.248	271.8	144.0375611	145.9446778	Yes
2.442	273.4	143.897159	146.4754129	Yes
3.193	263.4	146.658692	148.4116762	Yes
2.671	267.3	145.0412401	147.4317166	Yes
2.929	285.5	146.5088075	155.780088	Yes
2.722	290	149.2234061	153.5733222	Yes
2.304	270.9	144.1660972	145.5497556	Yes
1.73	293.8	152.3392627	157.2391676	Yes
0.826	319.6	181.0419634	166.7067486	Yes
2.693	249.3	159.1288318	157.5159146	Yes
2.264	253.9	153.7939153	153.2351331	Yes
1.964	232.9	192.4386028	176.4582939	Yes
1.637	236.6	182.5680669	175.1912832	Yes
1.875	271.5	144.0764313	145.1357398	Yes
1.452	250.2	157.9753829	159.487185	Yes
2.731	249.2	159.2604663	157.7121233	Yes
2.463	241.8	171.1531239	165.6011354	Yes
2.635	242.7	169.4586546	162.920843	Yes
1.174	247.8	161.1784514	167.7500659	Yes
1.668	223.4	164.2624968	171.9554091	Yes
1.399	263.8	146.4598058	147.7128967	Yes
0.838	124.2	165.4588142	141.3460309	Yes
2.235	280.5	144.6317408	148.8733836	Yes
1.505	278.2	144.1500472	146.4459704	Yes
1.635	266.8	145.2090977	147.3040192	Yes
2.776	225.4	169.1107479	164.7488437	Yes
2.446	249.2	159.2604663	160.354706	Yes
2.922	267.2	145.0738969	147.7805441	Yes
2.462	264.4	146.17582	146.7049598	Yes
2.896	257.6	150.439072	150.4376787	Yes
2.772	253.8	153.8956445	154.0670659	Yes
2.42	247.6	161.4641376	158.5142177	Yes
1.537	235.8	184.5997584	174.8074206	Yes
2.316	260.9	148.0785655	148.6006607	Yes
1.514	286	146.7610226	146.7096402	Yes
1.501	230.6	184.28627	174.4130315	Yes
2.263	246.2	163.5489495	162.4804551	Yes
2.696	227.8	175.6124958	171.2729256	Yes
2.137	242.6	169.6432085	167.4847695	Yes
2.78	215.4	149.0360615	151.3418024	Yes
2.388	221	159.0470698	159.4392792	Yes
3.046	231.7	188.0594614	175.024895	Yes
2.029	230.1	182.6427564	172.9130227	Yes

9/15/2019	13:00	35.71	1.096
9/15/2019	13:01	35.65	1.245
9/15/2019	13:02	35.71	0.892
9/15/2019	13:03	35.8	1.83
9/15/2019	13:04	35.81	1.903
9/15/2019	13:05	35.9	1.133
9/15/2019	13:06	36.11	1.628
9/15/2019	13:07	36.17	1.425
9/15/2019	13:08	36.08	1.154
9/15/2019	13:09	36.03	1.882
9/15/2019	13:10	35.93	1.745
9/15/2019	13:11	35.75	1.704
9/15/2019	13:12	35.72	1.017
9/15/2019	13:13	35.65	0.903
9/15/2019	13:14	35.67	0.612
9/15/2019	13:15	35.93	0.763
9/15/2019	13:16	36.06	1.437
9/15/2019	13:17	35.93	1.273
9/15/2019	13:18	35.99	1.147
9/15/2019	13:19	36.19	0.944
9/15/2019	13:20	36.05	1.151
9/15/2019	13:21	36.13	1.432
9/15/2019	13:22	35.99	1.077
9/15/2019	13:23	36.02	1.403
9/15/2019	13:24	36.2	1.208
9/15/2019	13:25	36.37	1.071
9/15/2019	13:26	36.29	0.789
9/15/2019	13:27	36.27	1.218
9/15/2019	13:28	36.21	1.227
9/15/2019	13:29	36.34	1.699
9/15/2019	13:30	36.3	1.444
9/15/2019	13:31	36.25	1.449
9/15/2019	13:32	36.19	1.662
9/15/2019	13:33	36.15	1.237
9/15/2019	13:34	36.16	1.262
9/15/2019	13:35	36.35	1.254
9/15/2019	13:36	36.31	1.387
9/15/2019	13:37	36.13	1.137
9/15/2019	13:38	36.01	0.742
9/15/2019	13:39	36.1	0.614
9/15/2019	13:40	36.22	0.606
9/15/2019	13:41	36.42	0.583
9/15/2019	13:42	36.29	0.625
9/15/2019	13:43	36.41	0.868
9/15/2019	13:44	36.38	1.052
9/15/2019	13:45	36.29	0.802
9/15/2019	13:46	36.35	1.264
9/15/2019	13:47	36.42	0.809
9/15/2019	13:48	36.37	0.787
9/15/2019	13:49	36.3	1.332
9/15/2019	13:50	36.46	1.535

317.5	188.0594614	35.32	1.165
281.9	145.0412401	35.29	1.315
292.4	151.0987909	35.36	1.045
269.5	144.4374183	35.49	2.169
256.2	151.6168585	35.47	1.898
243.5	168.0148666	35.54	1.255
222.4	162.0137796	35.79	1.932
234.1	189.1957803	35.81	1.761
213.5	146.2263702	35.71	1.507
215.1	148.5743588	35.62	2.264
235.3	185.9112491	35.52	2.015
236.1	183.8283932	35.3	1.85
211.3	143.2953883	35.32	1.273
187.8	128.2159189	35.29	1.084
238.4	178.2808867	35.35	0.786
278.2	144.1500472	35.63	0.87
282.3	145.1746105	35.82	1.542
277.3	144.0254863	35.66	1.526
279.8	144.4601404	35.65	1.182
296	154.5187706	35.84	1.121
306.7	169.8286827	35.76	1.34
298.9	157.8506504	35.85	1.442
320.9	177.070287	35.76	1.338
291.2	150.1223115	35.76	1.525
246.1	163.7036852	35.87	1.467
237.6	180.1392477	36.04	1.209
275.5	143.8833505	35.97	0.976
294.5	153.0016129	35.97	1.355
298.9	157.8506504	35.93	1.441
301.3	161.0367221	36.05	1.623
268.6	144.6580519	36	1.816
267.4	145.0090396	35.92	1.594
276.9	143.9815923	35.86	1.695
280.8	144.7120259	35.85	1.377
280.2	144.5555056	35.85	1.377
281.9	145.0412401	36.01	1.505
280.8	144.7120259	36.02	1.611
275.9	143.9026392	35.85	1.301
289.9	149.1519294	35.75	0.923
309.4	175.2003149	35.84	0.732
294.2	152.7142528	36.06	0.732
9.66	128.5168452	36.3	0.702
338.3	142.7974765	36.31	0.762
279.2	144.3305061	36.42	0.913
260.7	148.2055809	36.31	1.211
259	149.3679312	36.1	1
249.3	159.1288318	36.09	1.351
220.2	157.4417417	36.17	0.935
170.1	132.2277664	36.11	0.975
283.2	145.5015641	36.04	1.636
272.3	143.9815923	36.19	1.607

291.3	150.2006904	34.56	1.512
257.8	150.2796092	34.58	1.792
271.1	144.1344398	34.7	1.526
243.5	168.0148666	34.89	2.352
228.9	178.8700569	34.85	1.834
220.7	158.4376272	35	1.47
199.7	132.5941263	35.19	2.067
214.2	147.2303008	35.2	2.07
195.2	130.2384741	35.06	1.874
191.5	128.9499403	35.02	2.607
212.5	144.8528837	34.89	2.357
210.5	142.3099249	34.63	2.169
192.2	129.1505175	34.69	1.429
162.2	138.4636301	34.62	1.241
210.5	142.3099249	34.76	0.866
261.8	147.531862	35.1	1.142
256.5	151.3553066	35.26	1.93
253.8	153.8956445	35.11	2.04
263.8	146.4598058	35.09	1.34
275	143.869106	35.24	1.485
286.8	147.1897488	35.09	1.73
278.4	144.18259	35.21	1.928
295.6	154.1009172	35	1.696
264.3	146.2219614	35.01	1.905
223.9	165.4295013	35.12	1.546
210	141.7148217	35.34	1.233
258.3	149.8904009	35.22	1.336
272.1	144.0026586	35.28	1.749
273.3	143.9026392	35.29	1.899
274	143.8734887	35.42	1.946
246.4	163.2418433	35.38	2.094
243.7	167.6628412	35.32	1.748
250.3	157.8506504	35.28	2.153
259.5	149.010542	35.32	1.702
261	148.0158154	35.29	1.638
254	153.6927882	35.43	1.74
254	153.6927882	35.44	1.828
257.2	150.7645356	35.3	1.602
261.3	147.8305829	35.19	1.199
284	145.823697	35.31	0.817
273.1	143.914916	35.48	0.804
338.1	143.0451277	35.72	0.742
317.7	187.3568179	35.62	0.623
254.2	153.4923338	35.75	1.051
242.5	169.8286827	35.69	1.446
228.5	177.6640101	35.55	0.968
226.3	171.4565408	35.57	1.329
197.9	131.5441627	35.67	0.936
147.9	159.6656133	35.54	1.073
262.2	147.3018158	35.46	1.949
252.5	155.273777	35.67	1.889

289.1	148.5988232	33.98	1.401	285.5	146.5088075	33.5
254.3	153.3930028	34.05	1.667	250.6	157.480505	33.6
270.8	144.18259	34.17	1.451	265.2	145.823697	33.73
238.7	177.6027217	34.39	2.743	233.1	192.0882584	33.95
225.3	168.856618	34.3	2.413	220.4	157.837148	33.76
219.2	155.5222256	34.47	1.699	211.7	143.8038178	34.01
198.1	131.6535994	34.66	2.565	189.4	128.4665503	34.17
211.1	143.0451277	34.69	2.344	201	133.4453614	34.12
187.8	128.2159189	34.53	1.992	186.2	128.065931	34
188.6	128.328602	34.49	3.053	182.2	128.1283904	34.02
208.5	140.0223639	34.36	2.644	204.3	135.9745142	33.84
203.9	135.6387698	34.08	2.404	200.8	133.3092177	33.54
187.1	128.1379589	34.15	1.601	183.4	128.0440822	33.58
156.8	144.7193684	34.09	1.355	154.5	147.9694733	33.61
199.5	132.4701664	34.25	0.964	200.8	133.3092177	33.88
263	146.8652868	34.59	1.107	253.8	153.8956445	34.24
255.6	152.1552339	34.72	1.934	249.3	159.1288318	34.25
252.2	155.6067462	34.55	1.866	244.1	166.9692794	33.97
266.5	145.3153153	34.55	1.427	256.9	151.0143979	34.07
275.4	143.8796248	34.72	1.445	271.9	144.0254863	34.27
287.3	147.4736091	34.55	1.687	281.5	144.915171	34.14
278.5	144.1995259	34.66	1.957	274.7	143.8658191	34.22
293.3	151.8834871	34.33	1.813	288.2	148.0158154	33.78
262.6	147.0796431	34.3	2.001	255	152.7142528	33.78
222.6	162.4546358	34.43	1.843	216.4	150.6260744	33.86
211.7	143.8038178	34.66	1.5	199.4	132.4088779	34.11
254.6	153.0985737	34.53	1.275	247.4	161.7528127	34.05
269.6	144.4151432	34.56	1.727	263.2	146.7610226	34.15
271.9	144.0254863	34.64	2.048	264.4	146.17582	34.18
268.2	144.7678047	34.78	2.201	263.7	146.5088075	34.27
244.4	166.4581678	34.79	2.318	235.7	184.8594495	34.22
241.8	171.1531239	34.77	1.925	235.9	184.3413566	34.22
246.6	162.9378699	34.76	2.242	237	181.5820782	34.21
256.8	151.0987909	34.82	1.68	248.4	160.3391006	34.33
261.1	147.9535689	34.76	1.738	253.8	153.8956445	34.26
251.4	156.5227599	34.88	1.892	243.3	168.3704292	34.35
251.6	156.2898875	34.88	1.951	243.9	167.3143222	34.32
255.7	152.0640803	34.75	1.652	249.6	158.7381263	34.24
263.8	146.4598058	34.65	1.189	248.2	160.6159553	34.18
283.8	145.7403654	34.74	0.848	271	144.1500472	34.37
277.5	144.0500767	34.92	0.814	270.6	144.2169051	34.61
325.8	164.2624968	35.14	0.857	328.3	158.8429179	34.88
314.3	192.5757179	35.01	0.861	306.8	170.0150814	34.73
252.3	155.4951241	35.11	1.231	242.3	170.2024087	34.91
248	160.8957315	35.06	1.506	230	182.3192244	34.69
229.2	179.7911758	34.93	1.148	222.7	162.6767095	34.51
235.1	186.4450707	35.05	1.567	215	148.4219956	34.71
197.3	131.2265166	35.15	1.101	188.9	128.3773651	34.81
142.8	171.7238383	34.97	1.25	140.8	177.3663815	34.6
259.3	149.1519294	34.89	2.017	251.3	156.6401729	34.54
249.9	158.3536654	35.14	1.988	242.9	169.0922914	34.8

1.81	291.7	150.5196185	156.7774802	Yes
2.132	260.1	148.5988232	150.9586361	Yes
2.139	276.7	143.962286	145.8403607	Yes
3.07	240.3	174.1507045	171.2587939	Yes
2.565	226.3	171.4565408	165.7274444	Yes
2.037	220.6	158.2364782	156.8030031	Yes
2.908	193.3	129.506112	136.8468335	Yes
2.779	208.7	140.2401479	150.6313436	Yes
2.102	187.4	128.1690162	132.1831421	Yes
3.573	191.1	128.8442293	132.5651042	Yes
3.071	208.5	140.0223639	149.356675	Yes
2.707	206.9	138.3643054	146.6901222	Yes
1.733	188.7	128.3444613	131.3944817	Yes
1.44	161.5	139.1748294	139.708644	Yes
0.977	203	134.9133063	144.2567004	Yes
1.435	259.6	148.9406289	148.2766939	Yes
2.605	257.6	150.439072	151.6506109	Yes
2.523	252.5	155.273777	155.1541867	Yes
1.867	265	145.9089029	146.6317125	Yes
1.869	282.7	145.3153153	146.3216606	Yes
2.221	286	146.7610226	151.2336469	Yes
2.573	282.5	145.2440439	147.0685259	Yes
2.285	294.8	153.294267	156.8729547	Yes
2.415	261.9	147.4736091	148.7223556	Yes
2.109	223.5	164.4935779	161.3414949	Yes
1.754	209.6	141.2500277	147.8633586	Yes
1.598	254.1	153.5922617	152.4434799	Yes
2.391	271.3	144.1045518	146.4569978	Yes
2.57	272.8	143.936624	147.178244	Yes
2.707	269.7	144.3933148	148.1160275	Yes
2.884	246.8	162.6370044	164.3709034	Yes
2.274	243	168.9104738	167.415367	Yes
2.805	245.5	164.6488595	162.2002101	Yes
2.269	255.4	152.3392627	151.4999444	Yes
2.233	262.2	147.3018158	148.34447	Yes
2.37	254.7	153.0016129	155.3257661	Yes
2.348	253.6	154.1009172	155.2219882	Yes
2.025	259.9	148.733998	150.8406759	Yes
1.507	249.7	158.6092822	152.5335111	Yes
0.983	285.1	146.3156694	151.4460188	Yes
1.003	285.7	146.6082498	146.3008801	Yes
0.929	327.4	160.717127	151.0769029	Yes
0.759	317.1	189.4876488	176.4465485	Yes
1.449	248	160.8957315	156.8832208	Yes
1.829	236.1	183.8283932	169.0155225	Yes
1.344	237.9	179.4337369	169.7867127	Yes
1.676	219.2	155.5222256	164.1949329	Yes
1.272	189.7	128.5248214	135.4229215	Yes
1.345	150.6	154.4151969	159.0797593	Yes
2.537	258.3	149.8904009	149.6971766	Yes
2.565	255.4	152.3392627	155.8081178	Yes

9/15/2019	13:51	36.55	1.169
9/15/2019	13:52	36.66	0.956
9/15/2019	13:53	36.74	1.218
9/15/2019	13:54	36.57	1.222
9/15/2019	13:55	36.44	0.768
9/15/2019	13:56	36.47	0.966
9/15/2019	13:57	36.56	0.824
9/15/2019	13:58	36.66	0.606
9/15/2019	13:59	36.76	0.601
9/15/2019	14:00	36.81	0.786
9/15/2019	14:01	36.67	0.682
9/15/2019	14:02	36.6	1.157
9/15/2019	14:03	36.38	0.702
9/15/2019	14:04	36.36	0.993
9/15/2019	14:05	36.44	0.787
9/15/2019	14:06	36.52	0.704
9/15/2019	14:07	36.79	0.882
9/15/2019	14:08	37.08	0.609
9/15/2019	14:09	37.27	0.903
9/15/2019	14:10	37.09	1.141
9/15/2019	14:11	36.88	1.333
9/15/2019	14:12	36.83	0.877
9/15/2019	14:13	37.05	0.892
9/15/2019	14:14	36.84	1.1
9/15/2019	14:15	36.79	1.172
9/15/2019	14:16	36.84	1.408
9/15/2019	14:17	36.82	1.094
9/15/2019	14:18	36.93	1.086
9/15/2019	14:19	36.73	1.374
9/15/2019	14:20	36.75	0.898
9/15/2019	14:21	36.69	1.25
9/15/2019	14:22	36.51	1.204
9/15/2019	14:23	36.32	0.535
9/15/2019	14:24	36.43	0.833
9/15/2019	14:25	36.72	1.168
9/15/2019	14:26	36.9	0.966
9/15/2019	14:27	37.08	1.289
9/15/2019	14:28	37.4	0.663
9/15/2019	14:29	37.21	0.904
9/15/2019	14:30	37.25	0.994
9/15/2019	14:31	37.23	0.763
9/15/2019	14:32	36.94	1.298
9/15/2019	14:33	36.97	1.074
9/15/2019	14:34	37.14	0.929
9/15/2019	14:35	37.08	1.209
9/15/2019	14:36	37.09	1.394
9/15/2019	14:37	37.02	1.608
9/15/2019	14:38	36.84	1.088
9/15/2019	14:39	36.94	0.603
9/15/2019	14:40	36.84	0.482
9/15/2019	14:41	36.98	0.295

254.6	153.0985737	36.25	1.3
211	142.9209771	36.35	1.174
260.8	148.1418203	36.43	1.434
281.8	145.0090396	36.27	1.364
248.8	159.7940691	36.08	1.077
262	147.415851	36.17	0.977
269.3	144.4833098	36.28	0.905
259.1	149.2954063	36.42	0.604
84.9	145.9522103	36.56	0.623
1.038	128.263786	36.54	0.829
294.9	153.3930028	36.49	0.708
274.3	143.8675721	36.45	1.301
284.2	145.9089029	36.21	0.783
277.3	144.0254863	36.17	1.014
261	148.0158154	36.17	0.91
331.4	152.989316	36.23	0.836
19.57	132.5133423	36.56	1.014
339.1	141.8325805	36.87	0.764
272.5	143.962286	37.1	0.932
304.1	165.2951784	36.91	1.379
285.1	146.3156694	36.68	1.512
305.1	166.9692794	36.62	0.918
315	192.5757179	36.9	1.166
319.4	181.6772422	36.7	1.194
267.1	145.1070106	36.59	1.376
256	151.7940443	36.56	1.664
246	163.8592137	36.53	1.146
270.3	144.2717056	36.63	1.265
281	144.7678047	36.49	1.736
300.4	159.7940691	36.47	1.139
333.2	149.9805289	36.47	1.404
313.9	192.5757179	36.39	1.524
260.5	148.3346233	36.2	0.639
328.1	159.2522329	36.28	0.944
32.7	145.1219829	36.57	1.381
18.95	132.1387535	36.75	1.187
343.4	137.3085186	36.98	1.23
317.2	189.1277069	37.38	0.715
311.9	192.5757179	37.22	1.201
314.8	192.5757179	37.21	1.003
290.6	149.6633025	37.21	0.866
282.3	145.1746105	36.91	1.432
271	144.1500472	36.82	1.288
242.8	169.2750169	36.99	1.101
245.8	164.1726616	36.92	1.618
232.5	190.9470722	36.85	1.598
260.2	148.5320061	36.78	1.917
218.9	154.96461	36.51	1.18
244.4	166.4581678	36.63	0.719
254.2	153.4923338	36.62	0.636
268.6	144.6580519	36.86	0.381

229.1	179.4825368	35.71	1.324
193.7	129.6477719	35.8	1.166
237.1	181.3386201	35.83	1.569
259.7	148.8712346	35.59	1.629
230.7	184.6202228	35.39	1.204
241.3	172.1277015	35.56	1.288
251.9	155.945431	35.69	1.065
238.1	178.969176	35.85	0.613
61.86	171.0377889	35.92	0.485
340.5	140.2401479	35.82	0.66
271.4	144.0902707	35.7	0.802
253.1	154.6247674	35.66	1.462
259.6	148.9406289	35.5	0.879
250.9	157.1163888	35.44	0.999
232.6	191.31691	35.44	0.89
310	176.4945334	35.48	0.881
1.664	128.1842583	35.71	0.875
317.2	189.1277069	35.9	0.749
249.5	158.8676643	36.18	1.208
283.7	145.6994008	35.95	1.755
263.5	146.6082498	35.75	1.789
284.7	146.1301527	35.84	1.274
297.4	156.0596058	36.1	1.388
293.9	152.4321413	35.82	1.317
235.8	184.5997584	35.78	1.718
230.2	182.967997	35.82	1.764
222.3	161.7949854	35.87	1.112
242.1	170.5798662	36	1.501
256	151.7940443	35.86	1.948
277.3	144.0254863	35.85	1.496
307.1	170.5798662	35.77	1.54
289.5	148.8712346	35.61	1.689
236.2	183.5738179	35.42	0.648
302.8	163.2418433	35.43	0.978
8.95	128.3858382	35.46	1.411
351.2	131.5986579	35.52	0.986
324.1	168.3521774	35.8	1.225
291.1	150.0444711	36.27	0.945
293.2	151.7940443	36.1	1.47
292.4	151.0987909	36.14	1.149
268.1	144.796372	36.23	1.009
260.7	148.2055809	36.01	1.614
259.8	148.802358	36.04	1.615
223.4	164.2624968	36.21	1.129
220.5	158.0363201	36.16	1.795
209	140.5713153	36.17	1.581
240.4	173.943875	36.13	2.074
200.5	133.1085592	35.88	1.233
218	153.3405134	35.95	0.91
221.8	160.717127	35.89	0.792
253.9	153.7939153	36.19	0.374

232.1	189.4876488	35.18	1.567	220.2	157.4417417	34.75
192.2	129.1505175	35.26	1.486	179.9	128.4479207	34.84
239.3	176.2761595	35.29	1.84	226.9	173.0808789	34.87
254.9	152.8094541	35.03	1.709	248.8	159.7940691	34.5
229.5	180.726811	34.81	1.344	223	163.3495837	34.42
237.4	180.615438	35.01	1.224	233.2	191.7923969	34.61
254.4	153.294267	35.11	1.157	247.7	161.3209223	34.68
200.3	132.977145	35.26	0.672	207.6	139.0715101	34.75
60.53	173.6765197	35.26	0.747	57.76	179.7616731	34.82
343.5	137.2158368	35.14	0.901	331.4	152.989316	34.81
273.4	143.897159	35	0.918	265.6	145.6589028	34.66
251.1	156.8769637	34.97	1.598	245.4	164.8092124	34.63
257.7	150.3590693	34.84	1.015	253.6	154.1009172	34.47
242.8	169.2750169	34.85	1.271	241.4	171.9308504	34.56
237.5	180.3767538	34.85	1.066	228	176.1911131	34.55
305.9	168.3704292	34.9	1.072	299	157.9753829	34.6
359.8	128.4665503	35.04	1.207	350.4	132.0507649	34.7
306.6	169.6432085	35.19	0.964	309.1	174.5674412	34.88
254.5	153.1961245	35.57	1.175	248.9	159.6596036	35.23
278.4	144.18259	35.32	1.874	276.8	143.9717192	34.93
262.1	147.3585869	35.11	1.826	256.5	151.3553066	34.61
277.2	144.0138522	35.24	1.169	277.3	144.0254863	34.76
293.5	152.0640803	35.57	1.383	288.9	148.4657012	35.11
291.1	150.0444711	35.26	1.551	289.5	148.8712346	34.85
245.1	165.2951784	35.2	1.821	227.3	174.1916691	34.77
231.3	186.6616714	35.28	2.145	219.3	155.7099409	34.79
220.1	157.2454979	35.3	1.384	217.8	152.989316	34.82
244.9	165.6232794	35.46	1.601	240.7	173.3294827	35.03
253.9	153.7939153	35.3	2.186	248	160.8957315	34.75
275.1	143.8710782	35.26	1.579	271.4	144.0902707	34.72
299	157.9753829	35.16	1.775	298.6	157.480505	34.69
286.6	147.0796431	35.03	1.813	284.6	146.0849588	34.53
240.8	173.1267013	34.84	0.793	230.1	182.6427564	34.44
296.8	155.3841351	34.84	1.195	293.3	151.8834871	34.46
9.74	128.5328611	34.81	1.749	359.4	128.5450401	34.44
354	130.2384741	34.83	1.335	347.4	134.0091067	34.54
312.2	192.5757179	35.11	1.642	316.2	192.5757179	34.89
288.6	148.2698482	35.58	0.983	287.5	147.5906108	35.18
286.2	146.8652868	35.46	1.598	283.4	145.579304	34.99
285.7	146.6082498	35.46	1.19	282.6	145.2794496	35.03
266.4	145.3516416	35.5	0.989	261.8	147.531862	35.06
258.1	150.0444711	35.4	1.708	250.1	158.1007946	34.96
261.3	147.8305829	35.47	1.787	259	149.3679312	35
219.2	155.5222256	35.64	1.299	217.3	152.1263931	35.15
214.1	147.0846926	35.63	2.017	205.9	137.4017445	35.09
205.2	136.7605319	35.6	1.99	200	132.7835393	35.07
236.4	183.0684457	35.62	2.361	228.1	176.4826621	35.03
195.2	130.2384741	35.34	1.469	192.9	129.3710598	34.75
217.4	152.2972712	35.41	0.864	206.6	138.0697036	34.94
226.3	171.4565408	35.37	0.764	242.3	170.2024087	35
277.8	144.0902707	35.65	0.35	217.6	152.6415793	35.38

1.94	226.9	173.0808789	170.518276	Yes
1.627	186.9	128.1192135	131.6572801	Yes
2.183	236.1	183.8283932	172.5331744	Yes
1.926	253.6	154.1009172	152.1169429	Yes
1.547	238.9	177.156161	173.1293695	Yes
1.665	238.6	177.8276612	173.9558097	Yes
1.505	255	152.7142528	153.5516366	Yes
0.745	194.1	129.7960751	146.0218625	Yes
0.73	67.82	161.1500463	166.3156477	Yes
0.879	342.3	138.3643054	139.4146784	Yes
1.106	277.4	144.0375611	146.2153793	Yes
1.944	252.2	155.6067462	155.1570523	Yes
1.175	260.4	148.3999072	149.5418851	Yes
1.432	242.9	169.0922914	162.2880068	Yes
1.162	237.3	180.8553063	175.3511797	Yes
1.223	301.5	161.3209223	163.4301168	Yes
1.196	358.1	128.8442293	130.011829	Yes
1.006	307.1	170.5798662	169.1501607	Yes
1.587	261.7	147.5906108	152.6552578	Yes
2.435	283.4	145.579304	148.9456385	Yes
2.401	264	146.3632375	147.6002101	Yes
1.709	274.4	143.8664765	149.0010494	Yes
1.728	298.2	156.9963458	161.2322902	Yes
1.792	295.8	154.3086209	157.466742	Yes
2.279	233.2	191.7923969	172.1972027	Yes
2.502	228.4	177.3663815	170.900007	Yes
1.429	221.7	160.5047386	159.2787503	Yes
1.97	254.8	152.9052402	161.3419148	Yes
2.818	257.1	150.8472717	152.4197535	Yes
1.955	278.3	144.1660972	147.1894003	Yes
2.153	304.3	165.6232794	160.3279125	Yes
2.224	291.6	150.439072	157.0101253	Yes
0.808	246.3	163.3950032	170.2145804	Yes
1.346	298.8	157.7265948	157.4976586	Yes
1.888	5.907	128.0493146	131.7270074	Yes
1.314	359.8	128.4665503	131.2903085	Yes
1.722	320.2	179.1755005	173.9975265	Yes
1.253	289.1	148.5988232	156.726292	Yes
1.939	286.8	147.1897488	156.8008204	Yes
1.614	286.4	146.9714914	156.5067399	Yes
1.323	268.6	144.6580519	146.400246	Yes
2.042	256.3	151.5291125	150.6109139	Yes
2.192	275.7	143.8921176	146.8086074	Yes
1.521	228.5	177.6640101	163.7700285	Yes
2.468	208.2	139.7001382	149.2791114	Yes
2.19	206.7	138.1673439	147.8459605	Yes
2.87	235.9	184.3413566	173.2736691	Yes
1.62	197.1	131.1241663	135.7613739	Yes
1.071	218.9	154.96461	153.0260532	Yes
0.771	239.1	176.7139881	166.5164797	Yes
0.464	288.6	148.2698482	148.6907331	Yes

9/15/2019	14:42	37.18	0.737
9/15/2019	14:43	37.3	0.979
9/15/2019	14:44	37.45	1.817
9/15/2019	14:45	37.11	0.88
9/15/2019	14:46	37.25	1.097
9/15/2019	14:47	37.27	1.382
9/15/2019	14:48	37.2	0.818
9/15/2019	14:49	37.12	1.148
9/15/2019	14:50	37.08	1.616
9/15/2019	14:51	37.19	0.637
9/15/2019	14:52	37.3	1.432
9/15/2019	14:53	37.35	0.765
9/15/2019	14:54	37.52	1.02
9/15/2019	14:55	37.41	0.62
9/15/2019	14:56	37.43	1.193
9/15/2019	14:57	37.29	1.232
9/15/2019	14:58	37.17	0.862
9/15/2019	14:59	37.19	0.614
9/15/2019	15:00	37.11	1.167
9/15/2019	15:01	37.02	1.127
9/15/2019	15:02	36.96	0.577
9/15/2019	15:03	36.98	0.555
9/15/2019	15:04	36.78	0.478
9/15/2019	15:05	36.94	0.87
9/15/2019	15:06	37.16	1.022
9/15/2019	15:07	37.16	1.113
9/15/2019	15:08	37.16	0.693
9/15/2019	15:09	37.34	1.01
9/15/2019	15:10	37.42	0.872
9/15/2019	15:11	37.28	1.251
9/15/2019	15:12	37.16	1.182
9/15/2019	15:13	37.28	0.687
9/15/2019	15:14	37.2	0.722
9/15/2019	15:15	37.21	0.987
9/15/2019	15:16	37.32	0.677
9/15/2019	15:17	37.53	0.787
9/15/2019	15:18	37.5	1.247
9/15/2019	15:19	37.5	1.156
9/15/2019	15:20	37.2	1.103
9/15/2019	15:21	36.94	0.817
9/15/2019	15:22	36.97	0.369
9/15/2019	15:23	37.07	0.45
9/15/2019	15:24	37.31	0.463
9/15/2019	15:25	37.67	0.623
9/15/2019	15:26	37.56	1.371
9/15/2019	15:27	37.45	0.981
9/15/2019	15:28	37.45	1.318
9/15/2019	15:29	37.29	0.946
9/15/2019	15:30	37.33	1.303
9/15/2019	15:31	37.15	0.925
9/15/2019	15:32	37.06	0.652

153.4	149.6625543	37.14	0.894
246	163.8592137	37.2	1.113
259.8	148.802358	37.34	2.035
260.9	148.0785655	36.96	0.993
238.9	177.156161	37.05	1.261
230.6	184.28627	37.04	1.49
199.8	132.6567999	36.97	0.999
270.6	144.2169051	36.93	1.293
258.1	150.0444711	36.84	1.632
244.1	166.9692794	36.91	0.817
278	144.1192747	37.09	1.428
284.6	146.0849588	37.1	0.979
235.6	185.120437	37.27	1.211
253.1	154.6247674	37.11	0.695
272.6	143.9532925	37.17	1.409
249.5	158.8676643	37.01	1.345
234.2	188.9144624	36.82	1.109
246.6	162.9378699	36.82	0.783
249.7	158.6092822	36.77	1.332
283.6	145.6589028	36.76	1.317
218.2	153.695204	36.71	0.626
302.6	162.9378699	36.85	0.726
178.9	128.6521114	36.73	0.547
171.1	131.6535994	36.87	0.914
194.1	129.7960751	37.12	1.258
165.9	135.1505606	37.11	1.402
172	131.1751217	37.07	0.785
151.2	153.3405134	37.27	1.131
133.5	184.8594495	37.26	1.126
141.5	175.3254093	37.12	1.48
129.8	176.0588609	36.94	1.343
111.7	150.5196185	37.03	0.73
122.4	162.6370044	36.97	0.989
131.4	179.6677453	36.98	1.188
159.8	141.0213439	37.06	0.86
190.2	128.6298991	37.32	0.984
210.4	142.1896378	37.3	1.37
173.5	130.4564935	37.32	1.624
140.9	177.070287	37.05	1.319
113.7	152.2469608	36.78	1.026
114.1	152.6196347	36.71	0.501
126.3	169.0922914	36.82	0.556
39.95	156.9529426	37.12	0.466
212.5	144.8528837	37.57	0.668
286.1	146.8129126	37.53	1.491
259.4	149.0809751	37.4	1.005
244.5	166.2895033	37.32	1.475
285.6	146.5582885	37.09	1.095
260.1	148.5988232	37.15	1.399
254.1	153.5922617	36.88	1.078
261.9	147.4736091	36.76	0.775

130.5	177.6027217	36.44	0.936
217.8	152.989316	36.5	1.155
230.5	183.9540825	36.64	2.319
219.4	155.8985853	36.22	1.089
216.1	150.1407104	36.31	1.358
204.5	136.145503	36.29	1.687
172.4	130.9739291	36.19	1.167
250.7	157.3584661	36.19	1.726
234.8	187.2558705	36.14	1.869
230.1	182.6427564	36.23	1.053
251.3	156.6401729	36.44	1.893
263	146.8652868	36.45	1.476
213.5	146.2263702	36.57	1.228
229.8	181.6772422	36.36	0.765
251.3	156.6401729	36.39	1.702
223.4	164.2624968	36.24	1.658
206.5	137.9726212	36.05	1.142
219.3	155.7099409	36.05	0.855
239.6	175.6274687	36	1.685
268	144.8253918	35.98	1.683
211.4	143.4215034	35.93	0.82
290.8	149.8141685	36.08	0.914
149.6	156.2786798	36.08	0.534
151.6	152.6415793	36.17	0.983
168.7	133.1085592	36.38	1.394
148	159.4584123	36.34	1.415
141.2	176.1911131	36.26	0.81
131.3	179.4337369	36.44	1.282
104.4	145.9959883	36.49	1.506
117.1	155.7190033	36.39	1.771
109.6	148.9406289	36.22	1.451
93.5	143.8921176	36.27	0.706
103.9	145.7817973	36.25	1.161
106.4	146.9714914	36.24	1.329
144.3	167.8527808	36.34	0.945
161.2	139.4882645	36.63	1.109
185.5	128.031795	36.55	1.354
147.8	159.8738411	36.6	1.736
120.6	160.0651457	36.33	1.567
98.9	144.2717056	36.09	1.193
89.5	144.4374183	36.02	0.616
95.4	143.8796248	36.15	0.597
23.49	135.3031748	36.46	0.441
201	133.4453614	36.79	0.918
256	151.7940443	36.73	1.739
235.5	185.382728	36.68	1.168
219.7	156.470139	36.57	1.918
254.9	152.8094541	36.35	1.379
239.7	175.4133646	36.42	1.694
229.5	180.726811	36.11	1.287
233	192.385621	36.05	0.88

124.1	165.2951784	35.94	1.066	127.7	171.7349716	35.66
217.9	153.1644801	36.04	1.337	212.5	144.8528837	35.74
233.1	192.0882584	36.21	2.516	223.3	164.0325631	35.82
220.3	157.6389568	35.8	1.242	208.7	140.2401479	35.32
220.7	158.4376272	35.82	1.546	212.4	144.7193684	35.36
200.1	132.8476073	35.72	1.849	197.5	131.3306282	35.12
166.4	134.7576487	35.52	1.32	164.2	136.5821614	34.9
249.5	158.8676643	35.58	1.723	243.5	168.0148666	35.04
231.2	186.3168781	35.55	1.985	223.1	163.5761126	35.06
231.2	186.3168781	35.64	0.955	217.5	152.4689987	35.25
251.5	156.4059988	35.88	1.929	243.5	168.0148666	35.46
263.5	146.6082498	35.82	1.439	255.7	152.0640803	35.31
213.8	146.6522652	35.9	1.458	205.4	136.9410396	35.35
238.4	178.2808867	35.67	0.831	228.8	178.5661959	35.13
249.4	158.9978987	35.77	1.698	240.2	174.3585583	35.28
218.8	154.7805667	35.63	1.72	214.9	148.2703958	35.08
201.7	133.9369487	35.46	1.31	197.6	131.3833467	34.94
214.3	147.3766469	35.48	0.932	214.8	148.1195561	34.99
241.6	171.5400605	35.43	1.751	235.8	184.5997584	34.96
259.8	148.802358	35.4	1.648	255.3	152.4321413	34.9
207.5	138.968767	35.33	0.827	203.6	135.3923691	34.87
297.8	156.5227599	35.53	0.719	275	143.869106	35.08
133.7	185.382728	35.6	0.583	139	182.967997	35.28
149.1	157.2454979	35.7	1.12	148.2	159.0470698	35.38
163.5	137.2158368	35.89	1.58	161.5	139.1748294	35.59
141.2	176.1911131	35.87	1.672	142.8	171.7238383	35.52
139	182.967997	35.73	1.012	126.9	170.2024087	35.34
128.6	173.5332689	35.88	1.466	116.8	155.3841351	35.51
98	144.1192747	35.93	1.669	93.1	143.914916	35.46
109.7	149.010542	35.85	1.966	111.3	150.2006904	35.3
103.5	145.6188708	35.64	1.697	100.8	144.7120259	35.1
86.2	145.4256783	35.64	0.782	84.6	146.0849588	35.14
96.5	143.9447385	35.66	1.241	97.4	144.0375611	35.26
99.7	144.4374183	35.67	1.52	97.6	144.0630334	35.31
146.6	162.4546358	35.8	1.001	133.6	185.120437	35.49
157.4	143.9325875	36.13	1.153	155	147.2303008	35.78
179.4	128.5450401	36.09	1.698	177.2	129.0911795	35.75
138.3	185.293471	36.15	2.062	138.2	185.6327901	35.82
112.9	151.5291125	35.84	1.667	115.4	153.8956445	35.45
95.6	143.8875148	35.61	1.303	93	143.9217129	35.24
79.55	148.9755205	35.49	0.736	73.78	153.9160628	35.15
91.8	144.0375611	35.62	0.582	75.93	151.8565946	35.33
47.21	173.93976	35.96	0.55	20.94	133.4043184	35.69
188.3	128.2833916	36.29	0.82	188.8	128.3607156	36.01
257.7	150.3590693	36.26	1.8	247.5	161.6081001	35.85
238	179.2008824	36.15	1.206	232.3	190.2134023	35.71
219	155.1495646	36.04	1.883	212.4	144.7193684	35.55
254.3	153.3930028	35.81	1.393	245.7	164.3305874	35.33
242.9	169.0922914	35.89	1.805	232.5	190.9470722	35.43
226.8	172.8067032	35.58	1.319	219.6	156.2786798	35.07
232.6	191.31691	35.53	0.851	236.9	181.8267455	35.1

1.029	132.2	181.5820782	169.1755008	Yes
1.362	223.8	165.1937679	156.0119323	Yes
2.883	232.6	191.31691	176.0388344	Yes
1.389	213.2	145.8069274	149.5326366	Yes
1.785	221.9	160.9305691	158.2768872	Yes
2.194	200.9	133.3770516	143.597412	Yes
1.489	169.3	132.7199372	133.5380953	Yes
2.076	253.8	153.8956445	156.4707093	Yes
2.289	231.6	187.7071962	174.9801057	Yes
1.174	222.6	162.4546358	170.1705097	Yes
2.424	250.3	157.8506504	156.6061927	Yes
1.989	262.3	147.2455367	147.7736225	Yes
1.609	210.2	141.9509679	151.378216	Yes
0.92	239.9	174.9883145	173.6274813	Yes
2.104	246.1	163.7036852	159.5307215	Yes
1.994	217.9	153.1644801	155.8691208	Yes
1.503	206.3	137.780123	145.9975004	Yes
1.002	219.3	155.7099409	153.9707909	Yes
2.198	246.2	163.5489495	170.7851038	Yes
2.077	259.4	149.0809751	148.1599538	Yes
0.974	215.6	149.347741	144.1651169	Yes
1.014	287.3	147.4736091	152.1235027	Yes
0.503	143.2	170.6627261	164.7888484	Yes
1.354	149.9	155.7099409	151.2595375	Yes
1.819	170.3	132.1093104	134.2809222	Yes
1.892	150.6	154.4151969	159.3878242	Yes
1.065	128.6	173.5332689	166.8139819	Yes
1.659	122.8	163.2418433	164.9866995	Yes
2.04	101.1	144.796372	152.7372001	Yes
2.146	117.3	155.945431	157.2402152	Yes
1.852	106.5	147.0253234	152.471142	Yes
0.853	98.8	144.2529947	146.0350736	Yes
1.306	103.7	145.6994008	148.4201004	Yes
1.652	104.9	146.2219614	152.2723299	Yes
1.151	142.6	172.2625195	165.7423434	Yes
1.279	163.8	136.9410396	139.2444183	Yes
1.782	179.8	128.4665503	131.2648405	Yes
2.205	143.6	169.6228634	166.1758918	Yes
1.959	120.9	160.4771641	160.6074708	Yes
1.399	101.7	144.9772949	145.8610378	Yes
0.863	81.8	147.531862	149.4960997	Yes
0.611	81.6	147.6498563	151.3031856	Yes
0.623	48.36	177.2477602	155.3695912	Yes
1.051	192.7	129.3060009	132.8496706	Yes
2.211	257.8	150.2796092	152.1707471	Yes
1.49	238.8	177.3788901	176.2513756	Yes
2.415	219.1	155.335435	155.592802	Yes
1.756	251.9	155.945431	154.6073528	Yes
2.242	241.3	172.1277015	171.2358505	Yes
1.573	236.2	183.5738179	169.3956547	Yes
1.065	248.9	159.6596036	174.5324978	Yes

9/15/2019	15:33	37.24	0.854
9/15/2019	15:34	37.38	1.085
9/15/2019	15:35	37.45	1.304
9/15/2019	15:36	37.3	1.555
9/15/2019	15:37	37.19	0.803
9/15/2019	15:38	37.13	0.691
9/15/2019	15:39	37.21	0.492
9/15/2019	15:40	37.39	1.241
9/15/2019	15:41	37.2	2.264
9/15/2019	15:42	36.91	1.583
9/15/2019	15:43	36.75	1.334
9/15/2019	15:44	36.66	0.791
9/15/2019	15:45	36.78	0.397
9/15/2019	15:46	36.87	0.812
9/15/2019	15:47	37.01	0.943
9/15/2019	15:48	37	1.128
9/15/2019	15:49	37.07	1.014
9/15/2019	15:50	37.14	0.852
9/15/2019	15:51	37.09	1.537
9/15/2019	15:52	36.92	1.486
9/15/2019	15:53	36.91	1.15
9/15/2019	15:54	36.79	1.224
9/15/2019	15:55	36.64	1.049
9/15/2019	15:56	36.63	1.286
9/15/2019	15:57	36.57	0.955
9/15/2019	15:58	36.52	0.367
9/15/2019	15:59	36.74	0.658
9/15/2019	16:00	36.79	1.159
9/15/2019	16:01	36.85	1.105
9/15/2019	16:02	36.99	0.75
9/15/2019	16:03	37.08	0.948
9/15/2019	16:04	37.14	0.771
9/15/2019	16:05	37.28	0.909
9/15/2019	16:06	37.35	0.798
9/15/2019	16:07	37.45	0.875
9/15/2019	16:08	37.71	0.588
9/15/2019	16:09	38.04	0.618
9/15/2019	16:10	38	0.993
9/15/2019	16:11	37.97	0.952
9/15/2019	16:12	37.63	1.28
9/15/2019	16:13	37.21	1.229
9/15/2019	16:14	36.98	1.088
9/15/2019	16:15	36.83	1.022
9/15/2019	16:16	36.83	1.176
9/15/2019	16:17	37	1.114
9/15/2019	16:18	36.99	0.897
9/15/2019	16:19	37.14	0.883
9/15/2019	16:20	37.38	1.028
9/15/2019	16:21	37.66	0.865
9/15/2019	16:22	37.62	1.023
9/15/2019	16:23	37.43	1.319

237.7	179.9029136	36.99	0.957
277.8	144.0902707	37.2	1.236
267.9	144.8548646	37.3	1.59
232.3	190.2134023	37.08	1.719
187.5	128.180153	36.93	1.026
217.5	152.4689987	36.92	0.791
242	170.7700049	37.05	0.601
234.8	187.2558705	37.28	1.511
226.7	172.5339195	37	2.478
206.4	137.8760949	36.63	1.897
264.7	146.0402375	36.49	1.621
278.5	144.1995259	36.39	0.904
213.4	146.0858429	36.57	0.531
249.9	158.3536654	36.7	0.895
256.8	151.0987909	36.88	1.063
268	144.8253918	36.89	1.228
261.5	147.7095994	36.88	1.233
315.2	192.5757179	37	0.967
254	153.6927882	36.97	1.737
265.7	145.6188708	36.73	1.569
262.4	147.1897488	36.67	1.268
264	146.3632375	36.58	1.466
305.8	168.1922038	36.47	1.305
256.4	151.441929	36.45	1.407
266.9	145.1746105	36.37	0.981
240.3	174.1507045	36.36	0.451
94	143.8734887	36.6	0.751
88.1	144.796372	36.6	1.337
108.9	148.4657012	36.59	1.156
88.4	144.7120259	36.69	0.834
84.4	146.17582	36.73	1.077
77.83	150.2558768	36.72	0.795
84.3	146.2219614	36.84	1.111
57.62	180.0918873	36.92	1.001
55.67	184.9376093	37.03	1
36.09	150.1246563	37.26	0.605
35.38	149.0050648	37.65	0.61
305.5	167.6628412	37.78	1.056
297.3	155.945431	37.8	1.022
302.1	162.1914802	37.53	1.454
318	186.3168781	37.12	1.379
291.4	150.2796092	36.88	1.148
276.7	143.962286	36.73	1.211
261.8	147.531862	36.68	1.197
316	192.5757179	36.86	0.977
349.8	132.4088779	36.92	1.026
340.5	140.2401479	37.1	1.009
8.93	128.3824371	37.36	1.027
352.5	130.9247236	37.66	0.902
340.8	139.914364	37.68	1.078
327.5	160.5047386	37.52	1.368

222.2	161.577273	36.33	1.151
249	159.5258496	36.56	1.595
236.9	181.8267455	36.67	1.786
204.9	136.4937737	36.4	1.958
165.7	135.3112579	36.23	1.176
195.5	130.3680067	36.22	0.762
215.9	149.8211447	36.35	0.662
212.7	145.1219829	36.58	1.598
203.7	135.4739906	36.33	2.797
180.2	128.3944101	35.88	2.303
234.2	188.9144624	35.8	2.079
246.7	162.7870502	35.73	1.168
189.1	128.4118509	35.95	0.697
222.1	161.3606366	36.06	1.136
238.2	178.7386118	36.28	1.099
242.7	169.4586546	36.28	1.626
235.9	184.3413566	36.27	1.329
292	150.7645356	36.3	1.176
230.5	183.9540825	36.23	1.878
239.7	175.4133646	36.01	1.891
230.1	182.6427564	36	1.417
239.8	175.2003149	35.9	1.853
284.7	146.1301527	35.8	1.723
229.9	181.9973899	35.74	1.666
244	167.1413681	35.66	1.092
210.1	141.8325805	35.74	0.422
65.4	164.8092124	35.99	0.931
69.26	159.1814013	35.97	1.617
80.7	148.2055809	36.01	1.25
63.57	167.8912569	36.07	1.072
55.76	184.7034797	36.07	1.298
50.18	182.9028117	36.01	1.082
57.97	179.270618	36.11	1.181
34.77	148.0744519	36.17	1.008
34.35	147.4500977	36.23	1.169
20.42	133.0557678	36.33	0.582
7.205	128.1484276	36.56	0.604
279.1	144.310461	36.65	1.149
271.8	144.0375611	36.76	1.501
278.4	144.18259	36.58	2.103
289	148.5320061	36.25	1.97
262.4	147.1897488	36.05	1.529
249	159.5258496	35.99	1.664
238.6	177.8276612	36.04	1.149
290	149.2234061	36.24	1.341
320.7	177.6640101	36.17	1.363
319	182.967997	36.29	1.18
348.3	133.3770516	36.47	0.866
331.8	152.2972712	36.6	1.067
320	179.7911758	36.6	1.213
307.9	172.1277015	36.5	1.727

227.2	173.9118416	35.86	1.24	218.8	154.7805667	35.52
250.6	157.480505	36.14	1.654	241	172.724134	35.82
235.7	184.8594495	36.27	1.996	229.5	180.726811	35.84
200.4	133.042617	35.96	2.212	195.1	130.1961465	35.44
158.9	142.0699862	35.73	1.237	158.6	142.43085	35.2
193.2	129.4717308	35.75	0.924	189.5	128.4855767	35.34
221.1	159.2522329	35.89	0.7	207.6	139.0715101	35.51
207.5	138.968767	36.12	1.818	202.6	134.6039881	35.75
201.5	133.7940871	35.89	3.176	197.3	131.2265166	35.46
175.1	129.7960751	35.4	2.521	173.2	130.5924354	34.91
230.8	184.9559525	35.37	2.087	223.8	165.1937679	34.95
243.7	167.6628412	35.32	1.076	234.8	187.2558705	34.95
185.2	128.0230196	35.58	0.614	175.6	129.6117355	35.29
220.2	157.4417417	35.67	1.108	210.9	142.7974765	35.42
237.1	181.3386201	35.91	1.251	230.7	184.6202228	35.66
244.3	166.6276829	35.88	1.482	237.7	179.9029136	35.57
239.3	176.2761595	35.85	1.501	230.7	184.6202228	35.5
286.8	147.1897488	35.81	1.166	282.2	145.1405816	35.41
231.1	185.9739218	35.75	2.202	224.3	166.3842917	35.37
237.2	181.0963649	35.51	2.052	233.6	190.6237893	35.03
233.3	191.4980279	35.49	1.539	223.1	163.5761126	35.03
235.9	184.3413566	35.43	1.859	228.9	178.8700569	35.02
280.5	144.6317408	35.32	1.707	275.2	143.8734887	34.93
228.5	177.6640101	35.27	1.736	222.3	161.7949854	34.89
240	174.7773583	35.2	1.056	238.2	178.7386118	34.86
208.6	140.1309578	35.3	0.404	202.7	134.6805694	35.06
74.4	153.294267	35.55	1.05	66.65	162.8623631	35.36
72.94	154.7956468	35.45	1.725	63.62	167.8032289	35.16
78.08	150.0599961	35.51	1.486	72.67	155.0876107	35.2
69.42	158.971796	35.51	1.127	61.83	171.0954135	35.16
61.42	171.891597	35.47	1.292	49.24	179.9150824	35.15
57.39	180.6393714	35.43	1.023	46.71	172.5611354	35.15
62.97	168.964924	35.53	1.355	47.69	175.2967816	35.21
46.44	171.8311374	35.54	1.298	29.48	141.1125222	35.21
50.37	183.524859	35.55	1.215	30.52	142.3340588	35.2
31.75	143.8681191	35.54	0.688	13.71	129.6513984	35.24
10.34	128.6611082	35.7	0.771	0.98	128.2719346	35.51
273.9	143.8763375	35.85	1.32	269.2	144.5069269	35.68
268.1	144.796372	36.03	1.333	263.2	146.7610226	35.88
275	143.869106	35.95	2.077	269.7	144.3933148	35.66
281.6	144.9460055	35.65	1.907	277.3	144.0254863	35.28
260.3	148.4657012	35.48	1.487	252.4	155.3841351	35.08
246.8	162.6370044	35.46	1.573	240	174.7773583	35.07
243.4	168.1922038	35.53	1.408	235.5	185.382728	35.16
285.9	146.709616	35.75	1.329	281.8	145.0090396	35.42
311.7	192.5757179	35.63	1.342	311.2	179.2008824	35.26
311.3	179.4337369	35.75	1.188	305.9	168.3704292	35.45
333.1	150.1407104	35.94	1.123	335.8	146.0858429	35.65
321.3	175.9010607	35.98	1.06	323.8	169.1107479	35.66
314.1	192.5757179	36.01	1.379	312.6	192.5757179	35.75
299.3	158.3536654	35.93	1.8	298.4	157.2370948	35.63

1.444	228.9	178.8700569	169.8085304	Yes
2.07	250.4	157.7265948	158.3094708	Yes
2.276	234.7	187.5288517	175.9593445	Yes
2.522	197.1	131.1241663	144.2140212	Yes
1.49	166.5	134.6805694	136.5345633	Yes
0.994	195.9	130.5466922	134.268201	Yes
0.831	209.4	141.0213439	151.9872473	Yes
2.087	203.4	135.2306555	148.2362528	Yes
3.637	201.2	133.5834127	141.3223853	Yes
2.754	181.5	128.2036041	130.9725239	Yes
2.439	230.5	183.9540825	173.8117006	Yes
1.209	239.1	176.7139881	167.7238552	Yes
0.786	190.7	128.7449612	132.175482	Yes
1.284	222.7	162.6767095	156.526046	Yes
1.33	238.9	177.156161	174.5904813	Yes
1.911	245.5	164.6488595	165.0927005	Yes
1.804	241.1	172.5243387	173.0943354	Yes
1.377	287.2	147.415851	156.617287	Yes
2.581	230.7	184.6202228	174.9250614	Yes
2.48	240	174.7773583	173.5059496	Yes
1.727	233.6	190.6237893	175.106087	Yes
2.192	237.9	179.4337369	172.8417406	Yes
2.221	281.1	144.796372	149.5247916	Yes
1.954	228.3	177.070287	169.9937203	Yes
1.093	243.9	167.3143222	166.6292542	Yes
0.362	207.4	138.8665983	145.9322821	Yes
1.127	76.09	151.7140307	155.3106724	Yes
1.979	71.58	156.3130579	156.5779414	Yes
1.605	80.7	148.2055809	150.0048939	Yes
1.322	72.61	155.1531095	159.5647203	Yes
1.471	60.76	173.2076936	171.1787345	Yes
1.152	51.18	186.2481403	174.5214671	Yes
1.47	53.88	189.8196792	171.9147928	Yes
1.257	38.5	154.2338617	159.0687721	Yes
1.486	44.97	168.0269994	165.2547248	Yes
0.763	21.7	133.9369487	138.1273781	Yes
0.71	6.05	128.0570054	132.4287081	Yes
1.441	274.7	143.8658191	148.8444771	Yes
1.735	269.4	144.4601404	147.2001054	Yes
2.686	274.3	143.8675721	147.7008126	Yes
2.492	281	144.7678047	153.7176361	Yes
1.89	258.6	149.6633025	150.1964994	Yes
1.924	249.2	159.2604663	160.0325929	Yes
1.556	245.3	164.9703808	168.7809672	Yes
1.603	291.9	150.682349	156.8400257	Yes
1.648	316.6	191.31691	174.6332797	Yes
1.256	316.3	192.4386028	172.6901828	Yes
1.253	343	137.6847037	139.1341492	Yes
1.224	331.3	153.1644801	156.2796567	Yes
1.553	317	189.8495428	178.9413037	Yes
2.187	305	166.7980522	163.0042505	Yes

9/15/2019	16:24	37.08	1.275
9/15/2019	16:25	37.06	0.773
9/15/2019	16:26	37.1	0.86
9/15/2019	16:27	37.21	0.779
9/15/2019	16:28	37.49	0.692
9/15/2019	16:29	37.8	0.773
9/15/2019	16:30	38.06	0.434
9/15/2019	16:31	38.08	0.726
9/15/2019	16:32	37.99	0.867
9/15/2019	16:33	37.63	0.641
9/15/2019	16:34	37.62	0.758
9/15/2019	16:35	37.48	1.089
9/15/2019	16:36	37.14	1.006
9/15/2019	16:37	36.85	1.398
9/15/2019	16:38	36.64	1.181
9/15/2019	16:39	36.58	0.872
9/15/2019	16:40	36.64	0.859
9/15/2019	16:41	36.61	0.982
9/15/2019	16:42	36.66	0.983
9/15/2019	16:43	36.78	0.398
9/15/2019	16:44	36.96	0.827
9/15/2019	16:45	36.98	0.879
9/15/2019	16:46	36.94	0.769
9/15/2019	16:47	37.09	1.073
9/15/2019	16:48	37.05	1.288
9/15/2019	16:49	37.1	0.817
9/15/2019	16:50	37.14	0.733
9/15/2019	16:51	37.24	0.919
9/15/2019	16:52	37.09	0.811
9/15/2019	16:53	37.05	0.596
9/15/2019	16:54	37.07	0.407
9/15/2019	16:55	37.23	0.589
9/15/2019	16:56	37.3	0.679
9/15/2019	16:57	37.24	0.502
9/15/2019	16:58	37.46	0.234
9/15/2019	16:59	37.72	0.712
9/15/2019	17:00	37.7	0.542
9/15/2019	17:01	37.67	0.569
9/15/2019	17:02	37.69	0.708
9/15/2019	17:03	37.47	0.861
9/15/2019	17:04	37.43	0.201
9/15/2019	17:05	37.51	0.445
9/15/2019	17:06	37.62	0.517
9/15/2019	17:07	37.69	0.541
9/15/2019	17:08	37.51	0.578
9/15/2019	17:09	37.29	0.993
9/15/2019	17:10	37.09	0.748
9/15/2019	17:11	37.01	0.79
9/15/2019	17:12	36.9	0.936
9/15/2019	17:13	36.65	0.849
9/15/2019	17:14	36.49	0.859

319.6	181.0419634	37.14	1.366
303.2	163.8592137	37.07	0.76
352.8	130.7797169	37.11	0.97
344.3	136.4937737	37.25	0.896
21.41	133.73043	37.47	0.818
31.81	143.9455013	37.69	0.929
357.4	129.0334674	37.96	0.488
266.3	145.3884291	38.12	0.747
242.6	169.6432085	38.07	1.078
209.7	141.3652945	37.64	0.734
219.2	155.5222256	37.58	0.914
223.3	164.0325631	37.39	1.529
216	149.9805289	37.01	1.424
292.9	151.5291125	36.73	1.69
307	170.3906689	36.55	1.257
287.4	147.531862	36.49	0.924
308	172.3255294	36.53	1.039
320	179.7911758	36.53	1.026
310.9	178.509184	36.61	0.996
303.8	164.8092124	36.74	0.43
311.9	192.5757179	36.95	0.836
306.3	169.0922914	36.99	1.002
290.5	149.5886665	36.92	0.851
355.3	129.7210908	37.04	1.31
3.537	128.0380352	37.01	1.461
353.6	130.4120364	37.08	0.908
342.1	138.5635199	37.19	0.863
325.2	165.6664139	37.34	1.01
298.2	156.9963458	37.14	0.901
307.3	170.9610894	37.1	0.684
283.5	145.6188708	37.12	0.473
5.208	128.023208	37.28	0.671
345.7	135.3112579	37.43	0.775
12.25	129.1656065	37.44	0.639
261.8	147.531862	37.62	0.251
353	130.6852129	37.92	0.778
292.6	151.2692438	37.97	0.542
313.1	192.5757179	37.94	0.644
344	136.7605319	38	0.748
295.3	153.7939153	37.76	0.879
329.3	156.8559046	37.62	0.357
324.6	167.1130196	37.72	0.593
12.56	129.2614354	37.79	0.588
326.2	163.3495837	37.89	0.564
338.2	142.9209771	37.79	0.733
272.5	143.962286	37.54	1.257
253.5	154.2044642	37.17	0.96
270.2	144.2908609	37.03	0.852
285.3	146.4112828	36.89	1.011
281.9	145.0412401	36.65	0.844
307.8	171.9308504	36.52	1.102

302.2	162.3392225	36.23	1.401
280.2	144.5555056	36.24	1.143
333.9	148.8813884	36.22	1.153
323.3	170.4007875	36.32	0.909
5.698	128.0395104	36.53	0.811
5.796	128.0438952	36.67	0.891
344	136.7605319	36.8	0.571
243.4	168.1922038	36.99	1.046
220.2	157.4417417	37.05	1.21
194	129.7583745	36.66	0.759
193.8	129.6842235	36.66	1.081
198.6	131.9350344	36.54	1.738
187.6	128.1916822	36.19	1.605
266.5	145.3153153	36.02	2.423
278.3	144.1660972	35.91	1.849
266.3	145.3884291	35.87	1.341
289.2	148.6661534	35.88	1.23
299.9	159.1288318	35.84	1.3
286	146.7610226	35.86	1.381
300.3	159.6596036	35.95	0.557
284.4	145.9959883	36.12	1.105
286	146.7610226	36.18	1.468
262	147.415851	36.16	1.102
326.4	162.8998881	36.28	1.524
343.3	137.4017445	35.95	1.458
330.5	154.5974305	35.97	1.09
322.7	171.9924951	36	0.913
309	174.3585583	36.14	1.201
279.4	144.3719327	36.08	1.161
283.5	145.6188708	36.12	0.913
262.7	147.0253234	36.2	0.722
346.4	134.7576487	36.38	0.596
320.1	179.4825368	36.35	0.938
350.2	132.1683105	36.34	0.761
337.8	143.4215034	36.61	0.208
332.5	151.1187431	36.86	0.69
271.4	144.0902707	36.81	0.881
287.6	147.6498563	36.88	0.649
317.3	188.7697038	36.83	0.811
265.8	145.579304	36.62	1.268
309.1	174.5674412	36.63	0.428
303.7	164.6488595	36.78	0.653
345.6	135.3923691	36.77	0.557
296.2	154.7313813	36.74	0.783
314.1	192.5757179	36.65	0.821
244.5	166.2895033	36.51	1.452
227.1	173.6334397	36.27	1
245.2	165.1323684	36.24	1.08
255.2	152.5255981	36.13	1.456
261.6	147.6498563	35.95	1.287
289.2	148.6661534	35.82	1.483

294.6	153.0985737	35.71	1.652	293.2	151.7940443	35.37
276.5	143.9447385	35.75	0.938	272.3	143.9815923	35.43
321.4	175.6124958	35.74	1.157	321.8	174.472931	35.45
314.5	192.5757179	35.85	1.087	312.4	192.5757179	35.59
3.306	128.048655	35.96	0.984	353.9	130.2812262	35.74
357.6	128.9773778	35.97	1.1	356.1	129.4377621	35.86
13.16	129.4580938	35.97	0.542	346.3	134.8352272	35.88
244.1	166.9692794	36.19	1.023	235.5	185.382728	36.1
218	153.3405134	36.32	1.358	210.6	142.43085	36.16
188.7	128.3444613	35.99	0.842	182.2	128.1283904	35.82
187.7	128.2036041	36.06	1.257	185.1	128.0208746	35.9
196.2	130.6852129	36	1.912	185.1	128.0208746	35.75
177.9	128.8962779	35.72	1.731	180	128.4296876	35.47
267.4	145.0090396	35.58	2.352	263.5	146.6082498	35.33
277.2	144.0138522	35.48	1.789	272.6	143.9532925	35.2
266.8	145.2090977	35.43	1.233	262.3	147.2455367	35.2
284.7	146.1301527	35.45	1.303	283	145.4256783	35.24
289.2	148.6661534	35.38	1.296	285.6	146.5582885	35.15
284.5	146.0402375	35.37	1.395	279.2	144.3305061	35.16
295.6	154.1009172	35.46	0.513	283.6	145.6589028	35.29
281.4	144.8847909	35.62	1.014	277	143.9919054	35.46
279.8	144.4601404	35.7	1.336	278.1	144.1344398	35.5
266.8	145.2090977	35.69	1.057	258.4	149.8141685	35.51
320.3	178.8700569	35.79	1.718	314.7	192.5757179	35.58
340	140.7951122	35.39	1.734	333.6	149.347741	35.18
322.2	173.356455	35.34	1.062	319.7	180.726811	35.19
315.9	192.5757179	35.38	0.93	315.6	192.5757179	35.26
300.3	159.6596036	35.53	1.322	299.5	158.6092822	35.44
273.9	143.8763375	35.51	1.096	269.4	144.4601404	35.38
280.2	144.5555056	35.59	0.767	278.2	144.1500472	35.46
263.3	146.709616	35.69	0.554	255.9	151.8834871	35.6
337.2	144.1921397	35.85	0.786	331.3	153.1644801	35.87
313.2	192.5757179	35.78	0.941	319.6	181.0419634	35.72
351.6	131.3833467	35.75	0.732	341.9	138.7650022	35.69
212.6	144.9870876	35.98	0.309	269.1	144.530992	36.07
325.6	164.7258126	36.21	0.913	325.5	164.9592071	36.28
272.7	143.9447385	36.21	0.637	271.1	144.1344398	36.23
285	146.2685776	36.33	0.73	279.8	144.4601404	36.37
303.6	164.489319	36.27	0.974	308.9	174.1507045	36.26
265.5	145.6994008	36.07	0.982	258.4	149.8141685	36.03
311	178.7386118	36.06	0.468	311.2	179.2008824	36.06
304.3	165.6232794	36.21	0.661	304.6	166.1216858	36.25
340.6	140.1309578	36.17	0.713	345.3	135.6387698	36.22
291.5	150.3590693	36.15	0.585	298.9	157.8506504	36.19
300.6	160.0651457	36.06	0.775	307.9	172.1277015	36.12
244.5	166.2895033	35.97	1.508	233	192.385621	35.96
228.1	176.4826621	35.78	1.041	217	151.6188155	35.69
249.1	159.3928048	35.81	1.095	240.1	174.5674412	35.72
257.2	150.7645356	35.72	1.353	248.1	160.7554768	35.54
265.3	145.7817973	35.54	1.167	255.6	152.1552339	35.37
286.7	147.1344513	35.44	1.435	280.8	144.7120259	35.29

1.826	301.6	161.4641376	161.9475883	Yes
1.256	276.5	143.9447385	148.0571577	Yes
1.346	321.7	174.7556358	160.9004336	Yes
1.098	311	178.7386118	174.1569218	Yes
1.009	6.038	128.0563293	129.6312302	Yes
1.155	2.697	128.0866425	131.6982358	Yes
0.621	10.57	128.7140821	131.7602805	Yes
1.257	247.1	162.1914802	165.6248241	Yes
1.547	219.4	155.8985853	155.7509798	Yes
0.749	195.4	130.3244035	131.5841848	Yes
1.379	189.3	128.4479207	133.9757697	Yes
2.353	190.5	128.6977354	136.6742841	Yes
1.792	183.6	128.0355004	132.7067354	Yes
2.925	272	144.0138522	146.4951139	Yes
2.332	277.7	144.0764313	149.3200684	Yes
1.566	268.8	144.6058796	145.996161	Yes
1.508	289.9	149.1519294	152.3398886	Yes
1.675	290.2	149.3679312	156.7024762	Yes
1.676	285.8	146.658692	152.4599284	Yes
0.678	294.8	153.294267	155.5045806	Yes
1.337	285.1	146.3156694	154.7528144	Yes
1.743	284.3	145.9522103	150.0800209	Yes
1.322	265.4	145.7403654	147.5536298	Yes
1.969	320.8	177.3663815	168.2866271	Yes
1.648	336.3	145.3938588	140.1952983	Yes
1.236	328.8	157.837148	159.3859762	Yes
1.024	319.9	180.1014276	175.1617757	Yes
1.468	299.3	158.3536654	163.3295047	Yes
1.329	272.8	143.936624	146.7282761	Yes
0.951	285.9	146.709616	150.3990258	Yes
0.683	271.8	144.0375611	147.0549717	Yes
0.735	338.4	142.6746234	140.56242	Yes
1.096	327.1	161.3606366	169.9544225	Yes
0.769	357.9	128.8962779	132.0757087	Yes
0.241	347.6	133.8652759	142.8673442	Yes
0.925	333.3	149.8211447	152.2620241	Yes
0.835	278.5	144.1995259	145.5276437	Yes
0.769	284.7	146.1301527	155.416889	Yes
1.011	311.6	180.1392477	168.8619014	Yes
1.075	268.9	144.580468	147.8934513	Yes
0.503	312.5	192.5757179	176.3877116	Yes
0.759	317.5	188.0594614	170.3132611	Yes
0.755	353.6	130.4120364	134.1671137	Yes
0.727	306.2	168.9104738	159.0402317	Yes
0.893	310.9	178.509184	169.2397452	Yes
1.651	234.5	188.0789318	171.4011691	Yes
1.036	226.1	170.9259926	165.3730748	Yes
1.346	251.1	156.8769637	160.0520878	Yes
1.791	259.7	148.8712346	151.8656256	Yes
1.418	267.5	144.9772949	147.1210845	Yes
1.77	286.7	147.1344513	151.9155864	Yes

9/15/2019	17:15	36.32	0.728
9/15/2019	17:16	36.24	0.903
9/15/2019	17:17	36.21	0.979
9/15/2019	17:18	36.27	0.958
9/15/2019	17:19	36.31	0.598
9/15/2019	17:20	36.34	0.674
9/15/2019	17:21	36.33	0.93
9/15/2019	17:22	36.37	0.585
9/15/2019	17:23	36.31	0.772
9/15/2019	17:24	36.23	0.67
9/15/2019	17:25	36.32	0.359
9/15/2019	17:26	36.46	0.362
9/15/2019	17:27	36.69	0.466
9/15/2019	17:28	36.69	0.686
9/15/2019	17:29	36.68	0.554
9/15/2019	17:30	36.59	0.623
9/15/2019	17:31	36.45	0.819
9/15/2019	17:32	36.28	0.737
9/15/2019	17:33	36.04	0.821
9/15/2019	17:34	35.95	0.532
9/15/2019	17:35	35.93	1.081
9/15/2019	17:36	35.69	1.252
9/15/2019	17:37	35.52	1.283
9/15/2019	17:38	35.35	0.998
9/15/2019	17:39	35.27	0.813
9/15/2019	17:40	35.28	0.643
9/15/2019	17:41	35.25	0.763
9/15/2019	17:42	35.24	0.606
9/15/2019	17:43	35.27	0.793
9/15/2019	17:44	35.25	0.648
9/15/2019	17:45	35.14	0.679
9/15/2019	17:46	35.19	0.452
9/15/2019	17:47	35.22	0.557
9/15/2019	17:48	35.19	0.52
9/15/2019	17:49	35.22	0.437
9/15/2019	17:50	35.31	0.535
9/15/2019	17:51	35.29	0.523
9/15/2019	17:52	35.33	0.451
9/15/2019	17:53	35.31	0.5
9/15/2019	17:54	35.24	0.619
9/15/2019	17:55	35.09	0.784
9/15/2019	17:56	35.07	0.661
9/15/2019	17:57	34.98	0.712
9/15/2019	17:58	34.88	0.722
9/15/2019	17:59	34.8	0.561
9/15/2019	18:00	34.73	0.753
9/15/2019	18:01	34.66	0.693
9/15/2019	18:02	34.59	0.761
9/15/2019	18:03	34.58	0.688
9/15/2019	18:04	34.51	0.695
9/15/2019	18:05	34.46	0.94

318.4	184.9559525	36.34	0.77
333.6	149.347741	36.31	0.883
341.1	139.5939084	36.3	1.229
12.51	129.2457136	36.31	0.926
309.1	174.5674412	36.39	0.721
286.3	146.9181461	36.46	0.732
252.8	154.9464686	36.43	1.015
257.3	150.682349	36.38	0.639
287	147.3018158	36.35	0.829
301.9	161.8982783	36.26	0.776
282.7	145.3153153	36.35	0.417
349.2	132.7835393	36.55	0.409
349.3	132.7199372	36.79	0.508
336.5	145.1219829	36.83	0.783
313	192.5757179	36.83	0.613
323.9	168.856618	36.78	0.71
284.2	145.9089029	36.59	0.901
286.5	147.0253234	36.38	0.802
289.5	148.8712346	36.1	0.972
275.3	143.8763375	35.97	0.691
256.8	151.0987909	35.92	1.24
272.9	143.9289489	35.64	1.304
266.7	145.2440439	35.45	1.403
285.3	146.4112828	35.27	1.139
288.9	148.4657012	35.22	0.917
284.3	145.9522103	35.24	0.751
289.6	148.9406289	35.24	0.971
302.1	162.1914802	35.24	0.761
301.8	161.7528127	35.26	0.798
301.3	161.0367221	35.27	0.952
299.7	158.8676643	35.16	0.932
304.8	166.4581678	35.21	0.649
296.4	154.9464686	35.26	0.752
307.3	170.9610894	35.25	0.771
305.6	167.8384137	35.28	0.568
308.7	173.7380647	35.37	0.626
316.2	192.5757179	35.38	0.634
296.7	155.273777	35.45	0.608
285.6	146.5582885	35.43	0.649
295.1	153.5922617	35.36	0.756
275.8	143.897159	35.18	0.897
269.4	144.4601404	35.09	0.785
265.1	145.8660653	34.97	0.907
274.8	143.8664765	34.83	0.89
270.4	144.2529947	34.75	0.7
269.1	144.530992	34.68	0.838
267.5	144.9772949	34.62	0.908
274.4	143.8664765	34.53	0.81
267.9	144.8548646	34.51	0.756
256.7	151.183739	34.44	0.825
239.4	176.0588609	34.35	1.065

291.8	150.6007104	35.63	1.13
310.8	178.2808867	35.6	1.14
316.6	191.31691	35.55	1.401
342.9	137.780123	35.5	1.124
289.2	148.6661534	35.58	0.94
255.3	152.4321413	35.69	0.943
232.6	191.31691	35.72	1.142
238	179.2008824	35.72	0.791
271.6	144.0630334	35.68	1.151
277.1	144.0026586	35.61	0.924
259.2	149.2234061	35.73	0.562
324.3	167.8527808	35.87	0.495
321.8	174.472931	35.98	0.665
311.8	192.5757179	35.94	0.787
287.1	147.3585869	35.98	0.737
296.8	155.3841351	35.91	0.946
261.8	147.531862	35.78	1.121
262	147.415851	35.66	1.129
266.2	145.4256783	35.44	1.265
258.5	149.7384694	35.34	0.866
232.6	191.31691	35.29	1.407
247.2	162.0444998	35.08	1.366
244.1	166.9692794	34.93	1.486
255.5	152.2469608	34.78	1.264
262.6	147.0796431	34.75	1.095
258.1	150.0444711	34.79	0.86
267.8	144.8847909	34.77	1.109
275.4	143.8796248	34.77	0.984
277	143.9919054	34.79	0.99
279.7	144.4374183	34.78	1.154
270.8	144.18259	34.68	1.24
283.6	145.6589028	34.72	0.713
276.3	143.9289489	34.76	0.926
288	147.8918251	34.72	0.843
281.2	144.8253918	34.74	0.627
283.5	145.6188708	34.83	0.701
291.1	150.0444711	34.83	0.69
275.8	143.897159	34.9	0.755
259.4	149.0809751	34.88	0.729
275.2	143.8734887	34.82	0.9
252.7	155.0549457	34.68	1.042
245.6	164.489319	34.63	0.926
240.1	174.5674412	34.52	0.989
248.7	159.929249	34.4	0.934
250	158.226888	34.33	0.859
251.7	156.1744239	34.28	1.041
246.8	162.6370044	34.22	1.003
248.2	160.6159553	34.16	0.999
247.4	161.7528127	34.15	0.95
237.7	179.9029136	34.1	1.067
219.2	155.5222256	34.01	1.096

288.8	148.3999072	35.24	1.09	287.5	147.5906108	35.11
310.9	178.509184	35.17	1.186	306.5	169.4586546	35.01
315.4	192.5757179	35.13	1.512	310.2	176.9345288	34.99
339.5	141.3652945	35.04	1.174	334.8	147.5237341	34.95
286.3	146.9181461	35.11	0.884	284	145.823697	35.05
252.1	155.7190033	35.23	0.889	247.4	161.7528127	35.19
225.3	168.856618	35.29	1.166	219.8	156.6625457	35.19
239.9	174.9883145	35.32	0.768	224.4	166.6259865	35.23
265.4	145.7403654	35.3	1.085	261	148.0158154	35.21
278.6	144.2169051	35.18	0.922	267.4	145.0090396	35.07
257.9	150.2006904	35.29	0.446	255	152.7142528	35.22
321.7	174.7556358	35.44	0.453	314.5	192.5757179	35.42
320	179.7911758	35.53	0.559	316.4	192.0626612	35.57
310.5	177.6027217	35.49	0.812	306.9	170.2024087	35.56
282.5	145.2440439	35.5	0.67	280.4	144.6058796	35.52
298	156.7582401	35.42	0.835	292.9	151.5291125	35.41
258.6	149.6633025	35.31	0.952	254.6	153.0985737	35.3
261.8	147.531862	35.25	1.023	252.2	155.6067462	35.23
261	148.0158154	35.06	1.138	253.2	154.5187706	34.97
255.4	152.3392627	34.95	0.757	248.8	159.7940691	34.87
226.4	171.7238383	34.93	1.438	222.7	162.6767095	34.82
243.6	167.8384137	34.77	1.545	239.4	176.0588609	34.63
237.5	180.3767538	34.64	1.582	232.6	191.31691	34.52
252.9	154.8386144	34.51	1.3	246	163.8592137	34.4
258.4	149.8141685	34.48	1.022	250.9	157.1163888	34.39
257	150.9305587	34.51	0.807	248.5	160.201762	34.43
266.7	145.2440439	34.49	1.098	259.2	149.2234061	34.42
274.3	143.8675721	34.49	0.875	265.8	145.579304	34.44
273.6	143.8875148	34.48	0.927	265.9	145.540202	34.44
277.9	144.1045518	34.46	1.107	272.2	143.9919054	34.42
269.3	144.4833098	34.38	1.123	264.5	146.1301527	34.34
279.7	144.4374183	34.42	0.69	273.8	143.8796248	34.42
278.5	144.1995259	34.46	0.872	274.6	143.8656	34.5
285	146.2685776	34.42	0.839	280.8	144.7120259	34.5
278.4	144.18259	34.45	0.611	272.3	143.9815923	34.56
286.1	146.8129126	34.55	0.695	281.5	144.915171	34.65
290.6	149.6633025	34.53	0.726	293.4	151.9734986	34.61
273.3	143.9026392	34.58	0.637	266.3	145.3884291	34.65
262.4	147.1897488	34.57	0.763	258.5	149.7384694	34.65
270.5	144.234728	34.54	0.797	261.9	147.4736091	34.58
250.9	157.1163888	34.41	1.063	241.6	171.5400605	34.42
245.4	164.8092124	34.36	0.929	237	181.5820782	34.36
238.7	177.6027217	34.27	1.006	225.6	169.6228634	34.25
251.3	156.6401729	34.17	0.991	238.6	177.8276612	34.16
251	156.9963458	34.1	0.797	238.5	178.0537144	34.08
251.6	156.2898875	34.06	0.942	238.7	177.6027217	34.04
244.2	166.7980522	34	1.086	232.3	190.2134023	33.99
248.2	160.6159553	33.96	0.936	235.7	184.8594495	33.95
247.5	161.6081001	33.95	0.883	238.7	177.6027217	33.95
236.4	183.0684457	33.91	0.975	220	157.0502204	33.91
219.2	155.5222256	33.85	1.312	206.1	137.5898354	33.86

1.374	293.6	152.1552339	156.740483	Yes
1.34	314.3	192.5757179	173.6344368	Yes
1.483	313.8	192.5757179	178.5993566	Yes
1.232	341.4	139.278727	139.0387184	Yes
1.145	289.6	148.9406289	152.9832133	Yes
1.145	254	153.6927882	154.1029783	Yes
1.229	229.6	181.0419634	170.5649011	Yes
0.835	236.7	182.3197334	170.7634532	Yes
1.577	267.5	144.9772949	146.019665	Yes
1.201	273.3	143.9026392	147.8059042	Yes
0.603	263.9	146.4112828	148.7729895	Yes
0.491	327.7	160.0831011	165.610155	Yes
0.648	315	192.5757179	174.3244846	Yes
0.835	309.1	174.5674412	172.0140545	Yes
0.901	286.3	146.9181461	155.3404749	Yes
1.045	295.2	153.6927882	157.2441788	Yes
1.236	266	145.5015641	148.3408411	Yes
1.46	263.2	146.7610226	148.8681611	Yes
1.795	263.2	146.7610226	148.7185043	Yes
1.012	258.2	149.967168	151.1430614	Yes
1.64	235.6	185.120437	172.3873371	Yes
1.922	250.1	158.1007946	161.5943036	Yes
1.89	242.8	169.2750169	170.6364008	Yes
1.721	260.3	148.4657012	153.1643546	Yes
1.528	260	148.6661534	150.228411	Yes
1.179	258.3	149.8904009	151.4038806	Yes
1.539	267.4	145.0090396	146.6603819	Yes
1.359	270.9	144.1660972	147.9368157	Yes
1.508	272.3	143.9815923	147.8308054	Yes
1.713	276.5	143.9447385	147.5030672	Yes
1.777	269.7	144.3933148	147.6114063	Yes
0.874	275.5	143.8833505	148.8634928	Yes
1.134	281	144.7678047	146.3416696	Yes
1.028	279.9	144.4833098	150.8633655	Yes
0.73	278.1	144.1344398	148.9924855	Yes
0.835	289	148.5320061	151.923405	Yes
0.868	294.8	153.294267	159.5102514	Yes
0.887	269.5	144.4374183	146.5798845	Yes
0.944	265.9	145.540202	147.6215368	Yes
1.14	265	145.9089029	147.0165981	Yes
1.353	254.6	153.0985737	156.1414256	Yes
1.178	250	158.226888	162.7135276	Yes
1.255	241.8	171.1531239	167.7624431	Yes
1.269	253.8	153.8956445	158.4318408	Yes
1.138	251.7	156.1744239	158.7408734	Yes
1.317	254.6	153.0985737	157.5393198	Yes
1.465	244.3	166.6276829	166.2506873	Yes
1.323	248.9	159.6596036	161.923488	Yes
1.254	248.6	160.0651457	161.1767289	Yes
1.319	230.1	182.6427564	170.769615	Yes
1.593	216.2	150.3016928	154.9989681	Yes

9/15/2019	18:06	34.36	0.903
9/15/2019	18:07	34.27	0.851
9/15/2019	18:08	34.19	0.759
9/15/2019	18:09	34.17	0.691
9/15/2019	18:10	34.12	0.807
9/15/2019	18:11	34.03	1.069
9/15/2019	18:12	33.97	1.087
9/15/2019	18:13	33.96	0.65
9/15/2019	18:14	33.96	0.475
9/15/2019	18:15	33.93	0.763
9/15/2019	18:16	33.83	0.692
9/15/2019	18:17	33.76	0.569
9/15/2019	18:18	33.76	0.432
9/15/2019	18:19	33.76	0.501
9/15/2019	18:20	33.74	0.382
9/15/2019	18:21	33.7	0.464
9/15/2019	18:22	33.66	0.438
9/15/2019	18:23	33.64	0.337
9/15/2019	18:24	33.6	0.405
9/15/2019	18:25	33.46	0.468
9/15/2019	18:26	33.36	0.387
9/15/2019	18:27	33.31	0.328
9/15/2019	18:28	33.24	0.313
9/15/2019	18:29	33.12	0.35
9/15/2019	18:30	33.04	0.419
9/15/2019	18:31	32.94	0.562
9/15/2019	18:32	32.79	0.441
9/15/2019	18:33	32.67	0.427
9/15/2019	18:34	32.53	0.368
9/15/2019	18:35	32.39	0.348
9/15/2019	18:36	32.24	0.449
9/15/2019	18:37	32.1	0.528
9/15/2019	18:38	31.96	0.486
9/15/2019	18:39	31.83	0.49
9/15/2019	18:40	31.73	0.431
9/15/2019	18:41	31.59	0.435
9/15/2019	18:42	31.44	0.404
9/15/2019	18:43	31.34	0.328
9/15/2019	18:44	31.22	0.337
9/15/2019	18:45	31.1	0.283
9/15/2019	18:46	30.99	0.239
9/15/2019	18:47	30.84	0.286
9/15/2019	18:48	30.66	0.31
9/15/2019	18:49	30.41	0.373
9/15/2019	18:50	30.16	0.454
9/15/2019	18:51	29.93	0.428
9/15/2019	18:52	29.73	0.397
9/15/2019	18:53	29.52	0.487
9/15/2019	18:54	29.33	0.449
9/15/2019	18:55	29.15	0.42
9/15/2019	18:56	28.98	0.323

240.8	173.1267013	34.24	1.11
240.3	174.1507045	34.14	1.102
238.2	178.7386118	34.07	1.007
249.4	158.9978987	34.03	0.824
244.4	166.4581678	33.99	1.058
240.9	172.92492	33.91	1.353
248	160.8957315	33.87	1.192
242.3	170.2024087	33.86	0.822
246.2	163.5489495	33.85	0.535
242.9	169.0922914	33.82	0.828
229	179.1755005	33.73	0.857
230	182.3192244	33.68	0.792
229.3	180.1014276	33.68	0.557
234.9	186.9842516	33.66	0.522
239.1	176.7139881	33.62	0.485
242.1	170.5798662	33.57	0.536
240.1	174.5674412	33.51	0.428
254.5	153.1961245	33.48	0.388
264.7	146.0402375	33.45	0.433
261.9	147.4736091	33.34	0.516
251.2	156.7582401	33.22	0.43
240.4	173.943875	33.12	0.357
229	179.1755005	33.04	0.39
228.4	177.3663815	32.94	0.405
247.6	161.4641376	32.85	0.406
239.5	175.8426324	32.76	0.582
237.8	179.6677453	32.61	0.524
234.7	187.5288517	32.48	0.482
231.5	187.3568179	32.35	0.472
224.9	167.8527808	32.22	0.47
232.2	189.8495428	32.1	0.56
236.1	183.8283932	31.99	0.614
229.8	181.6772422	31.87	0.629
237.2	181.0963649	31.75	0.559
249.4	158.9978987	31.63	0.524
229.2	179.7911758	31.46	0.534
243.7	167.6628412	31.3	0.504
251.2	156.7582401	31.19	0.435
244.1	166.9692794	31.04	0.392
258.3	149.8904009	30.93	0.362
255.6	152.1552339	30.79	0.29
262.1	147.3585869	30.65	0.352
230.6	184.28627	30.44	0.375
215.9	149.8211447	30.22	0.541
220.2	157.4417417	30.01	0.578
221.7	160.5047386	29.82	0.619
222.7	162.6767095	29.62	0.634
226.3	171.4565408	29.43	0.611
227	173.356455	29.26	0.623
252.4	155.3841351	29.11	0.512
244.1	166.9692794	28.96	0.408

218.1	153.51742	33.91	1.211
221.2	159.4584123	33.83	1.321
221.2	159.4584123	33.76	1.024
226.7	172.5339195	33.73	1.077
222.6	162.4546358	33.69	1.394
215.1	148.5743588	33.62	1.313
221.9	160.9305691	33.62	1.341
224.2	166.1438025	33.61	1.123
225.5	169.3661605	33.58	0.671
215	148.4219956	33.53	1.045
205	136.5821614	33.45	0.957
205.7	137.2158368	33.4	0.77
216.6	150.9537025	33.4	0.785
219.4	155.8985853	33.35	0.737
223.9	165.4295013	33.31	0.676
214.9	148.2703958	33.26	0.718
229.5	180.726811	33.2	0.681
234.7	187.5288517	33.17	0.628
234.8	187.2558705	33.13	0.659
236.3	183.3205043	33.02	0.824
227	173.356455	32.93	0.631
216.9	151.4512959	32.84	0.511
203.9	135.6387698	32.75	0.433
200.1	132.8476073	32.63	0.609
214.6	147.8201441	32.55	0.61
212.6	144.9870876	32.48	0.776
208.3	139.8069561	32.34	0.598
203.5	135.3112579	32.22	0.51
198.6	131.9350344	32.09	0.506
195.6	130.4120364	31.97	0.519
201.5	133.7940871	31.85	0.641
203	134.9133063	31.77	0.66
200.5	133.1085592	31.68	0.69
209	140.5713153	31.57	0.599
220.7	158.4376272	31.45	0.575
209.2	140.7951122	31.28	0.582
217.8	152.989316	31.14	0.521
226.1	170.9259926	31.03	0.504
225.2	168.6037636	30.89	0.496
234.2	188.9144624	30.78	0.412
230.8	184.9559525	30.63	0.361
236.4	183.0684457	30.48	0.432
214.9	148.2703958	30.28	0.461
199.3	132.3480491	30.07	0.521
199.5	132.4701664	29.89	0.593
203.2	135.0709716	29.75	0.649
205.6	137.1236975	29.59	0.718
205.8	137.3085186	29.45	0.807
209.4	141.0213439	29.32	0.797
229.2	179.7911758	29.19	0.694
224	165.6664139	29.03	0.611

217.4	152.2972712	33.78	1.396	204	135.7219305	33.81
221.5	160.0831011	33.72	1.509	208	139.4882645	33.75
225	168.1018522	33.66	1.189	206.6	138.0697036	33.7
226.9	173.0808789	33.64	1.019	209.2	140.7951122	33.68
224.7	167.3583715	33.6	1.423	209.4	141.0213439	33.64
216.6	150.9537025	33.56	1.681	203.5	135.3112579	33.62
223.8	165.1937679	33.58	1.537	211.4	143.4215034	33.66
227.5	174.7556358	33.57	1.146	212.3	144.586539	33.64
225.7	169.8808638	33.52	0.709	205.1	136.6710803	33.57
215.4	149.0360615	33.47	1.14	204.2	135.8898012	33.52
203.4	135.2306555	33.39	1.19	190.4	128.6747234	33.46
205.4	136.9410396	33.36	1.025	191.9	129.0621204	33.46
218	153.3405134	33.35	0.728	201.5	133.7940871	33.45
216.3	150.4634796	33.3	0.718	204.5	136.145503	33.39
220.3	157.6389568	33.26	0.619	205.8	137.3085186	33.36
214.9	148.2703958	33.2	0.761	205.7	137.2158368	33.3
222.3	161.7949854	33.14	0.669	213.6	146.3676144	33.24
229.6	181.0419634	33.1	0.596	221	159.0470698	33.2
231.7	188.0594614	33.06	0.683	226.6	172.2625195	33.15
232.3	190.2134023	32.96	0.762	226	170.6627261	33.1
222.5	162.2336611	32.88	0.654	218.2	153.695204	33.04
216.3	150.4634796	32.8	0.549	216.8	151.2846063	32.95
203.9	135.6387698	32.71	0.557	207.4	138.8665983	32.85
201.8	134.0091067	32.6	0.644	205.1	136.6710803	32.73
217.4	152.2972712	32.54	0.67	216	149.9805289	32.71
213.2	145.8069274	32.5	0.857	212.6	144.9870876	32.69
211.8	143.9325875	32.37	0.755	211.3	143.2953883	32.55
209.4	141.0213439	32.25	0.731	209.4	141.0213439	32.44
202.9	134.8352272	32.13	0.666	202.4	134.4523139	32.33
198.8	132.0507649	32.01	0.672	196.5	130.8276183	32.22
202.8	134.7576487	31.91	0.781	200.4	133.042617	32.13
205.3	136.8505178	31.84	0.841	203.8	135.5561236	32.07
203.6	135.3923691	31.76	0.889	202.3	134.3772185	31.99
211.1	143.0451277	31.66	0.82	208.2	139.7001382	31.89
223.2	163.8037704	31.54	0.793	217.7	152.8150171	31.73
211.5	143.5482783	31.38	0.82	208	139.4882645	31.62
220.4	157.837148	31.25	0.776	213.7	146.5095784	31.55
226.4	171.7238383	31.15	0.724	217.6	152.6415793	31.44
228.6	177.9631823	31.02	0.705	218.3	153.8738695	31.36
240.7	173.3294827	30.9	0.607	229.2	179.7911758	31.2
237.1	181.3386201	30.74	0.476	226	170.6627261	31.02
239.4	176.0588609	30.57	0.585	228.8	178.5661959	30.82
219.5	156.0881634	30.4	0.753	213.1	145.6685335	30.72
203	134.9133063	30.23	0.836	201.2	133.5834127	30.7
200.2	132.9121422	30.1	0.914	197.8	131.490113	30.62
204.6	136.2317817	30	0.928	196.3	130.7322487	30.54
204.3	135.9745142	29.86	0.918	198.2	131.7089882	30.39
205.8	137.3085186	29.74	0.99	199	132.1683105	30.28
210.5	142.3099249	29.61	0.991	202	134.1548834	30.16
226.4	171.7238383	29.47	0.782	216.4	150.6260744	29.99
216.6	150.9537025	29.3	0.679	215.8	149.6625543	29.71

1.661	216.4	150.6260744	153.0578795	Yes
1.864	217.5	152.4689987	157.1298962	Yes
1.365	217.6	152.6415793	159.4020319	Yes
1.368	218.6	154.4151969	159.9646012	Yes
1.905	216.3	150.4634796	157.5511997	Yes
1.995	213.1	145.6685335	150.6865545	Yes
1.911	220.8	158.6397721	157.8162688	Yes
1.473	222.7	162.6767095	163.6730191	Yes
0.824	217.5	152.4689987	158.3872106	Yes
1.342	214.3	147.3766469	149.9633593	Yes
1.336	198.6	131.9350344	142.3196151	Yes
1.021	201.7	133.9369487	143.895034	Yes
0.894	213.8	146.6522652	152.9683992	Yes
0.967	211	142.9209771	154.4825593	Yes
0.804	215.6	149.347741	157.2877412	Yes
0.938	214.4	147.5237341	150.3720457	Yes
0.92	220.8	158.6397721	164.4193248	Yes
0.816	227	173.356455	170.8340929	Yes
0.951	230.9	185.293471	175.782312	Yes
1.12	231.2	186.3168781	175.597424	Yes
0.851	225.2	168.6037636	162.9294648	Yes
0.737	221.9	160.9305691	157.6147652	Yes
0.679	213.3	145.9460296	147.0531336	Yes
0.89	210.6	142.43085	144.6650052	Yes
0.992	220.3	157.6389568	153.8402077	Yes
1.142	215.7	149.5047542	152.2256978	Yes
0.981	215.2	148.7274886	151.0860332	Yes
0.931	213.4	146.0858429	150.1937281	Yes
0.85	206.6	138.0697036	145.3298194	Yes
0.897	200.1	132.8476073	138.7981615	Yes
1.035	203.2	135.0709716	145.3029734	Yes
1.116	207	138.4636301	145.9223942	Yes
1.134	205	136.5821614	144.2275101	Yes
1.051	210.3	142.0699862	149.2965865	Yes
1.049	219	155.1495646	157.8407756	Yes
1.152	213.7	146.5095784	150.0264818	Yes
1.055	216.6	150.9537025	155.1905172	Yes
1.007	220.2	157.4417417	161.8982784	Yes
1.066	221.2	159.4584123	165.3737014	Yes
0.943	231.1	185.9739218	175.5798887	Yes
0.75	232.7	191.6887683	176.1602602	Yes
0.877	231.7	188.0594614	174.6223102	Yes
1.117	219.7	156.470139	158.1567003	Yes
1.16	212.5	144.8528837	139.1037593	Yes
1.228	207.3	138.7650022	138.6158331	Yes
1.204	205.4	136.9410396	139.896156	Yes
1.237	206.5	137.9726212	141.0913061	Yes
1.34	207.1	138.5635199	143.3610817	Yes
1.33	210.8	142.6746234	146.7034461	Yes
1.069	222.2	161.577273	163.8204993	Yes
0.976	219.9	156.8559046	158.0215709	Yes

9/15/2019	18:57	28.8	0.416
9/15/2019	18:58	28.61	0.489
9/15/2019	18:59	28.46	0.483
9/15/2019	19:00	28.33	0.462
9/15/2019	19:01	28.24	0.467
9/15/2019	19:02	28.15	0.389
9/15/2019	19:03	28.05	0.326
9/15/2019	19:04	27.94	0.232
9/15/2019	19:05	27.84	0.183
9/15/2019	19:06	27.75	0.182
9/15/2019	19:07	27.66	0.153
9/15/2019	19:08	27.57	0.148
9/15/2019	19:09	27.48	0.164
9/15/2019	19:10	27.39	0.161
9/15/2019	19:11	27.31	0.172
9/15/2019	19:12	27.23	0.147
9/15/2019	19:13	27.16	0.162
9/15/2019	19:14	27.09	0.177
9/15/2019	19:15	27.03	0.194
9/15/2019	19:16	26.97	0.193
9/15/2019	19:17	26.92	0.157
9/15/2019	19:18	26.86	0.063
9/15/2019	19:19	26.8	0.09
9/15/2019	19:20	26.72	0.132
9/15/2019	19:21	26.64	0.164
9/15/2019	19:22	26.56	0.275
9/15/2019	19:23	26.43	0.352
9/15/2019	19:24	26.27	0.335
9/15/2019	19:25	26.1	0.312
9/15/2019	19:26	25.94	0.235
9/15/2019	19:27	25.82	0.227
9/15/2019	19:28	25.7	0.277
9/15/2019	19:29	25.58	0.331
9/15/2019	19:30	25.47	0.374
9/15/2019	19:31	25.36	0.267
9/15/2019	19:32	25.28	0.214
9/15/2019	19:33	25.21	0.229
9/15/2019	19:34	25.14	0.314
9/15/2019	19:35	25.07	0.173
9/15/2019	19:36	25	0.145
9/15/2019	19:37	24.94	0.159
9/15/2019	19:38	24.88	0.114
9/15/2019	19:39	24.83	0.175
9/15/2019	19:40	24.81	0.203
9/15/2019	19:41	24.78	0.182
9/15/2019	19:42	24.75	0.224
9/15/2019	19:43	24.71	0.325
9/15/2019	19:44	24.67	0.446
9/15/2019	19:45	24.56	0.352
9/15/2019	19:46	24.48	0.285
9/15/2019	19:47	24.43	0.219

219	155.1495646	28.77	0.528
218.3	153.8738695	28.62	0.634
216.8	151.2846063	28.5	0.627
221.6	160.2933984	28.4	0.616
218	153.3405134	28.33	0.62
216.4	150.6260744	28.25	0.534
210.8	142.6746234	28.15	0.464
220.3	157.6389568	28.04	0.316
235	186.7139875	27.93	0.222
233.8	190.048269	27.84	0.258
234.2	188.9144624	27.75	0.218
241.5	171.7349716	27.66	0.184
238.2	178.7386118	27.57	0.193
238.1	178.969176	27.48	0.225
239.8	175.2003149	27.41	0.235
226	170.6627261	27.34	0.203
222	161.1450705	27.28	0.219
202.6	134.6039881	27.23	0.239
195.7	130.4564935	27.19	0.259
181.6	128.1916822	27.18	0.278
171.3	131.5441627	27.17	0.24
160.2	140.5713153	27.15	0.109
115.9	154.4133891	27.1	0.115
80.9	148.0785655	27.06	0.127
65.25	165.051272	26.99	0.148
29.08	140.660543	26.91	0.261
19.67	132.5754146	26.78	0.382
24.25	135.9320928	26.6	0.35
35.68	149.4732887	26.42	0.321
56.66	182.418919	26.26	0.263
51.08	185.9055498	26.14	0.262
38.92	155.0015278	26.01	0.293
20.74	133.2687452	25.88	0.335
31.33	143.3331537	25.75	0.39
51.33	186.7654694	25.63	0.315
67.84	161.1216709	25.54	0.208
33.33	145.9878988	25.47	0.25
8.42	128.3010498	25.38	0.296
36.84	151.3511828	25.3	0.221
42.29	161.7731656	25.22	0.199
27.17	138.63378	25.14	0.202
50.83	185.0570197	25.07	0.149
71.83	156.0252859	25.02	0.185
72.1	155.7190033	24.99	0.214
83.5	146.6082498	24.98	0.201
54.75	187.3921903	24.98	0.281
10.52	128.7023859	24.93	0.334
343.1	137.5898354	24.86	0.463
338.6	142.43085	24.73	0.398
344.4	136.4059155	24.62	0.261
3.873	128.0263059	24.56	0.197

200.8	133.3092177	28.83	0.697
197.4	131.2783518	28.71	0.829
197.2	131.1751217	28.61	0.839
202.6	134.6039881	28.54	0.818
195.9	130.5466922	28.49	0.822
198.5	131.8778474	28.42	0.759
186	128.0542255	28.33	0.695
199.6	132.5319155	28.23	0.517
212.5	144.8528837	28.11	0.438
207.2	138.6639767	28.03	0.47
211.2	143.1699306	27.94	0.406
214.4	147.5237341	27.85	0.39
215	148.4219956	27.76	0.371
212.8	145.2575724	27.68	0.439
214.6	147.8201441	27.64	0.436
204.7	136.3185854	27.57	0.433
199.3	132.3480491	27.53	0.457
184.5	128.016195	27.49	0.405
179.5	128.5248214	27.49	0.449
167.2	134.1548834	27.57	0.484
162.8	137.8760949	27.63	0.423
149.5	156.470139	27.63	0.266
114.8	153.294267	27.59	0.192
85.4	145.7403654	27.54	0.157
54.78	187.3103575	27.49	0.127
6.054	128.057232	27.43	0.324
353.5	130.4564935	27.28	0.443
355.2	129.7583745	27.06	0.413
4.753	128.0164564	26.88	0.449
22.02	134.1695685	26.72	0.429
21.15	133.5487205	26.59	0.419
11.4	128.9229071	26.46	0.387
358.3	128.7937914	26.33	0.411
3.491	128.0399839	26.18	0.509
21.45	133.7586738	26.07	0.458
32.95	145.4622642	25.97	0.339
12.86	129.3579167	25.89	0.344
352	131.1751217	25.8	0.335
11.85	129.0477432	25.71	0.307
10.62	128.7258785	25.64	0.295
0.067	128.4176932	25.57	0.336
16.15	130.6618568	25.51	0.281
32.67	145.0814416	25.47	0.242
35.58	149.3164325	25.45	0.307
42.98	163.3044128	25.45	0.284
30.72	142.5768055	25.44	0.389
353.6	130.4120364	25.4	0.413
320	179.7911758	25.33	0.556
310.9	178.509184	25.14	0.542
316.9	190.2134023	24.98	0.358
337.2	144.1921397	24.89	0.242

197.1	131.1241663	29.12	0.835	198.4	131.8211113	29.55
196.8	130.9739291	29.03	1.019	195.1	130.1961465	29.52
194.7	130.0310681	28.96	0.987	193.3	129.506112	29.47
198.2	131.7089882	28.9	0.974	195.8	130.5013785	29.41
193.2	129.4717308	28.86	0.954	191.5	128.9499403	29.36
193.5	129.5761138	28.78	0.856	192.2	129.1505175	29.25
183.5	128.0395961	28.7	0.813	181.7	128.180153	29.18
189.9	128.565657	28.59	0.605	183	128.065931	29.1
197.8	131.490113	28.46	0.51	193.6	129.6117355	28.96
193	129.4042052	28.37	0.545	191.2	128.870052	28.87
197.2	131.1751217	28.3	0.508	191.6	128.9773778	28.82
196.6	130.8759536	28.21	0.462	194.1	129.7960751	28.72
198.7	131.9926732	28.12	0.456	194	129.7583745	28.66
195.4	130.3244035	28.05	0.508	193.2	129.4717308	28.59
199.1	132.2277664	28.02	0.517	198	131.5986579	28.59
194.4	129.9116845	27.96	0.441	194.6	129.9908531	28.56
191.6	128.9773778	27.95	0.521	192.5	129.2425815	28.64
182.2	128.1283904	27.94	0.505	183.8	128.0284797	28.71
179.5	128.5248214	28	0.585	179.3	128.565657	28.78
174.3	130.1127622	28.11	0.608	176.7	129.2425815	28.85
170.8	131.8211113	28.17	0.514	172.4	130.9739291	28.86
169.4	132.6567999	28.17	0.358	170.4	132.0507649	28.84
142.1	173.6334397	28.12	0.297	150.8	154.0534207	28.74
126.3	169.0922914	28.09	0.253	150.4	154.7805667	28.66
78.87	149.4630001	28.03	0.155	139.2	182.3192244	28.6
13.43	129.551425	27.96	0.14	22.33	134.3996953	28.52
351.3	131.5441627	27.78	0.485	349.1	132.8476073	28.4
352	131.1751217	27.52	0.498	341.6	139.0715101	28.15
3.367	128.0456482	27.34	0.503	353.6	130.4120364	27.9
17.68	131.4258402	27.22	0.488	1.633	128.1878342	27.74
17.42	131.2887718	27.15	0.481	6.583	128.0927099	27.65
12.88	129.36448	27.07	0.441	1.668	128.1837996	27.6
0.634	128.3232998	26.9	0.418	351.3	131.5441627	27.51
4.231	128.0186549	26.7	0.54	355.1	129.7960751	27.36
15.95	130.5695101	26.61	0.485	5.549	128.0335619	27.26
27.07	138.5334935	26.56	0.378	9.65	128.5148611	27.21
13.24	129.4854338	26.49	0.415	354.9	129.8727295	27.13
359.4	128.5450401	26.37	0.378	348.7	133.1085592	27.01
14.18	129.8265362	26.25	0.36	356.6	129.2740865	26.87
5.365	128.0274115	26.18	0.353	351.4	131.490113	26.86
359.4	128.5450401	26.14	0.387	343.2	137.4955162	26.9
9.28	128.4442423	26.14	0.355	350.5	131.9926732	26.93
20.67	133.221743	26.11	0.327	2.633	128.0914764	26.94
22.36	134.4222165	26.1	0.35	3.383	128.0448836	26.97
34.74	148.0294158	26.1	0.321	14.68	130.0229914	26.95
27.7	139.1748294	26.07	0.488	13.87	129.7099869	26.85
357.8	128.9229071	26.02	0.525	347.8	133.7233811	26.74
321	176.7757169	25.89	0.693	320.4	178.5661959	26.58
305.6	167.8384137	25.67	0.751	307.8	171.9308504	26.31
315.5	192.5757179	25.47	0.596	314.7	192.5757179	26.12
332.4	151.2846063	25.33	0.456	323.3	170.4007875	25.94

1.127	208.2	139.7001382	138.2208396	Yes
1.362	206.1	137.5898354	136.7824264	Yes
1.329	203.2	135.0709716	135.4135759	Yes
1.316	205.8	137.3085186	138.8832544	Yes
1.272	200.5	133.1085592	135.0834872	Yes
1.171	199.3	132.3480491	134.7157204	Yes
1.16	190.6	128.7211479	131.1339492	Yes
0.951	190	128.5866722	135.0778265	Yes
0.863	194.7	130.0310681	144.5399576	Yes
0.917	194.4	129.9116845	143.3796375	Yes
0.81	193.5	129.5761138	144.3626013	Yes
0.793	193.8	129.6842235	141.9229916	Yes
0.772	195.4	130.3244035	143.8472117	Yes
0.782	194.8	130.0717042	142.8189174	Yes
0.864	200.4	133.042617	143.9779001	Yes
0.784	197.8	131.490113	139.6747924	Yes
0.957	197.4	131.2783518	136.5982861	Yes
0.787	190.6	128.7211479	129.4996402	Yes
0.83	188.2	128.2691098	128.8681806	Yes
0.808	185	128.0191197	129.9442058	Yes
0.671	184.3	128.0177548	132.0466106	Yes
0.537	190.2	128.6298991	138.0757836	Yes
0.353	174.7	129.9510588	153.069115	Yes
0.328	178	128.870052	149.3123682	Yes
0.281	174.1	130.1961465	162.8680001	Yes
0.145	178.4	128.7691755	132.2876142	Yes
0.354	5.851	128.0465204	131.0940397	Yes
0.523	359.4	128.5450401	132.8964278	Yes
0.476	360	128.4296876	132.8754235	Yes
0.466	8.2	128.2691098	140.8942543	Yes
0.448	15.75	130.4788824	141.8629269	Yes
0.451	7.849	128.2220965	133.9389622	Yes
0.524	1.067	128.2597613	130.0379521	Yes
0.59	4.433	128.0165438	131.4408823	Yes
0.526	13.37	129.5304245	141.7315279	Yes
0.538	11.8	129.0334674	140.5331514	Yes
0.593	1.018	128.2665809	132.5941119	Yes
0.559	354.7	129.9510588	130.2161659	Yes
0.502	356.9	129.1807975	133.7360692	Yes
0.534	348.3	133.3770516	136.6787241	Yes
0.554	342.6	138.0697036	134.2323466	Yes
0.502	346.7	134.5279034	142.1367391	Yes
0.47	355.6	129.6117355	138.4063365	Yes
0.485	357.7	128.9499403	139.2904953	Yes
0.475	6.864	128.1160056	143.2162151	Yes
0.476	16.53	130.8420733	145.9391771	Yes
0.602	357.7	128.9499403	130.1421302	Yes
0.677	330.8	154.0534207	165.3552689	Yes
0.748	324.4	167.6049563	165.6628509	Yes
0.759	328.7	158.0363201	173.9614148	Yes
0.677	332.6	150.9537025	148.9715084	Yes

9/15/2019	19:48	24.38	0.06
9/15/2019	19:49	24.34	0.067
9/15/2019	19:50	24.29	0.129
9/15/2019	19:51	24.26	0.233
9/15/2019	19:52	24.26	0.208
9/15/2019	19:53	24.23	0.152
9/15/2019	19:54	24.19	0.151
9/15/2019	19:55	24.16	0.161
9/15/2019	19:56	24.12	0.142
9/15/2019	19:57	24.09	0.167
9/15/2019	19:58	24.06	0.147
9/15/2019	19:59	24.03	0.152
9/15/2019	20:00	23.99	0.228
9/15/2019	20:01	23.94	0.192
9/15/2019	20:02	23.89	0.198
9/15/2019	20:03	23.86	0.262
9/15/2019	20:04	23.84	0.165
9/15/2019	20:05	23.8	0.218
9/15/2019	20:06	23.74	0.105
9/15/2019	20:07	23.7	0.122
9/15/2019	20:08	23.66	0.111
9/15/2019	20:09	23.65	0.166
9/15/2019	20:10	23.67	0.185
9/15/2019	20:11	23.67	0.269
9/15/2019	20:12	23.68	0.163
9/15/2019	20:13	23.65	0.081
9/15/2019	20:14	23.62	0.066
9/15/2019	20:15	23.59	0.02
9/15/2019	20:16	23.55	0.032
9/15/2019	20:17	23.51	0.037
9/15/2019	20:18	23.47	0.188
9/15/2019	20:19	23.45	0.234
9/15/2019	20:20	23.44	0.209
9/15/2019	20:21	23.42	0.21
9/15/2019	20:22	23.38	0.265
9/15/2019	20:23	23.31	0.164
9/15/2019	20:24	23.27	0.111
9/15/2019	20:25	23.24	0.099
9/15/2019	20:26	23.22	0.105
9/15/2019	20:27	23.2	0.152
9/15/2019	20:28	23.18	0.223
9/15/2019	20:29	23.17	0.223
9/15/2019	20:30	23.15	0.166
9/15/2019	20:31	23.13	0.141
9/15/2019	20:32	23.11	0.149
9/15/2019	20:33	23.09	0.145
9/15/2019	20:34	23.08	0.197
9/15/2019	20:35	23.08	0.17
9/15/2019	20:36	23.07	0.125
9/15/2019	20:37	23.05	0.169
9/15/2019	20:38	23.02	0.209

345.1	135.8056071	24.5	0.098
355.2	129.7583745	24.44	0.091
53.46	191.0301202	24.39	0.135
90.9	144.1660972	24.36	0.222
98.9	144.2717056	24.38	0.234
105.8	146.658692	24.39	0.249
87.6	144.9460055	24.38	0.256
80.2	148.5320061	24.37	0.258
78.23	149.9440817	24.34	0.217
73.25	154.466003	24.3	0.262
60.84	173.045869	24.28	0.247
76.23	151.5904755	24.25	0.245
90.9	144.1660972	24.21	0.37
104.3	145.9522103	24.17	0.306
91.7	144.0500767	24.11	0.322
67.84	161.1216709	24.09	0.376
86.6	145.2794496	24.07	0.315
215.3	148.8813884	24.03	0.241
223.5	164.4935779	23.96	0.127
160.8	139.914364	23.92	0.121
149.1	157.2454979	23.89	0.162
92.7	143.9447385	23.91	0.266
110.9	149.8904009	24	0.294
132.5	182.3197334	24.05	0.384
113.3	151.8834871	24.11	0.304
81.5	147.7095994	24.09	0.118
339.2	141.7148217	24.05	0.044
303	163.5489495	24	0.034
202	134.1548834	23.95	0.072
201.3	133.6531567	23.91	0.091
191.5	128.9499403	23.86	0.181
206.3	137.780123	23.84	0.236
233.2	191.7923969	23.82	0.278
253.8	153.8956445	23.8	0.279
285	146.2685776	23.74	0.342
282.3	145.1746105	23.63	0.262
278.8	144.2529947	23.57	0.16
228.4	177.3663815	23.52	0.125
215	148.4219956	23.47	0.141
247.8	161.1784514	23.43	0.183
261.7	147.5906108	23.41	0.302
269.7	144.3933148	23.4	0.316
273.8	143.8796248	23.37	0.257
257.8	150.2796092	23.33	0.191
244.5	166.2895033	23.31	0.186
240.2	174.3585583	23.29	0.189
223.4	164.2624968	23.28	0.242
230.8	184.9559525	23.28	0.206
277.5	144.0500767	23.26	0.174
336.7	144.8528837	23.24	0.191
353.1	130.6386087	23.21	0.249

315	192.5757179	24.8	0.147
326.7	162.2336611	24.73	0.125
32.35	144.6528681	24.67	0.125
49.1	179.4825368	24.63	0.214
55.54	185.2776547	24.62	0.249
72.9	154.8386144	24.64	0.285
67.27	161.9420652	24.66	0.32
58.25	178.6237562	24.7	0.323
54.38	188.4116359	24.7	0.296
54.7	187.5288517	24.66	0.287
47.02	173.4117389	24.63	0.275
52.02	189.1995398	24.59	0.307
64	167.1413681	24.55	0.458
73.25	154.466003	24.5	0.48
67.8	161.1784514	24.47	0.487
50.35	183.459086	24.47	0.576
58.34	178.4177297	24.45	0.499
187.5	128.180153	24.4	0.253
188.4	128.2980674	24.32	0.159
128.4	173.1267013	24.28	0.168
110.2	149.3679312	24.24	0.182
69.86	158.4045685	24.27	0.298
81.7	147.5906108	24.37	0.318
100.5	144.6317408	24.46	0.306
89.9	144.3509966	24.57	0.306
69.29	159.1419637	24.58	0.248
321.5	175.3254093	24.53	0.069
167.4	134.0091067	24.48	0.151
145.1	165.9045121	24.42	0.226
164.9	135.9745142	24.36	0.205
165.3	135.6387698	24.32	0.295
183.2	128.0542255	24.3	0.315
205.1	136.6710803	24.26	0.343
227	173.356455	24.21	0.39
257.7	150.3590693	24.14	0.569
259.6	148.9406289	24	0.485
254.2	153.4923338	23.93	0.269
219.9	156.8559046	23.87	0.199
206.1	137.5898354	23.8	0.196
225.1	168.3521774	23.74	0.245
234.6	187.8032029	23.7	0.422
244.1	166.9692794	23.67	0.46
249.4	158.9978987	23.64	0.351
236.9	181.8267455	23.61	0.275
225.7	169.8808638	23.57	0.266
225.1	168.3521774	23.55	0.287
207.5	138.968767	23.54	0.321
214.7	147.9694733	23.54	0.312
241.9	170.9610894	23.53	0.285
295.3	153.7939153	23.53	0.228
321	176.7757169	23.51	0.332

314.8	192.5757179	25.2	0.298	312.9	192.5757179	25.81
326	163.8037704	25.09	0.287	317.4	188.4136263	25.66
17.38	131.2679495	25.02	0.264	351.1	131.6535994	25.56
43.47	164.4241328	24.97	0.339	11.71	129.0080265	25.51
46.66	172.4251939	24.96	0.382	35.28	148.8505467	25.46
59.02	176.8903335	24.98	0.435	45.97	170.5840054	25.45
61.77	171.2109201	25	0.483	48.73	178.3544295	25.46
53.45	191.0592538	25.04	0.476	40.48	157.996407	25.49
56.15	183.7009474	25.04	0.504	44.5	166.8688935	25.48
53.5	190.9137326	25	0.478	44.7	167.3583715	25.4
48.15	176.6290007	24.97	0.511	36.52	150.8222598	25.35
49.2	179.7911758	24.94	0.549	39.8	156.6625457	25.31
62.73	169.4034673	24.88	0.631	53.42	191.1467429	25.25
70.72	157.3341385	24.83	0.599	59.78	175.2428407	25.21
67.03	162.2948196	24.81	0.69	54.92	186.9300907	25.23
57.93	179.3637597	24.81	0.787	45.92	170.4530694	25.27
57.45	180.4959483	24.82	0.734	44.78	167.5555404	25.39
144.1	168.3521774	24.8	0.282	114.4	152.9052402	25.42
103.8	145.7403654	24.73	0.168	77.95	150.1614335	25.31
91.7	144.0500767	24.68	0.211	61.98	170.808146	25.34
94.1	143.8710782	24.64	0.277	83.5	146.6082498	25.27
69.87	158.3918324	24.7	0.485	61.45	171.8327897	25.52
79.5	149.010542	24.87	0.538	81.2	147.8918251	25.83
94.5	143.8658191	25.01	0.623	91.7	144.0500767	25.94
95	143.869106	25.11	0.649	95.9	143.9026392	26.09
90.4	144.2529947	25.12	0.541	98.1	144.1344398	26.2
101	144.7678047	25.07	0.296	106	146.7610226	26.16
133.1	183.8283932	25	0.31	122.3	162.4877295	26.03
125.5	167.6628412	24.94	0.381	123.1	163.7036852	25.93
130.2	176.9345288	24.9	0.348	126.9	170.2024087	25.85
138.8	183.6236488	24.85	0.413	132.8	183.0684457	25.77
160.6	140.1309578	24.82	0.439	141.9	174.1916691	25.77
185.9	128.0489586	24.8	0.415	159.1	141.8325805	25.84
215.8	149.6625543	24.75	0.352	186	128.0542255	25.96
253.1	154.6247674	24.66	0.557	236.5	182.8176355	25.84
256.3	151.5291125	24.54	0.615	243.2	168.5495467	25.57
251.5	156.4059988	24.49	0.436	241.1	172.5243387	25.42
221.3	159.6656133	24.41	0.295	230.1	182.6427564	25.29
212.2	144.4543929	24.31	0.255	222.5	162.2336611	25.14
221.5	160.0831011	24.24	0.346	225.5	169.3661605	25.03
231.9	188.7697038	24.17	0.477	231.4	187.0083138	24.96
239.7	175.4133646	24.12	0.54	235.6	185.120437	24.82
244.2	166.7980522	24.07	0.495	239.4	176.0588609	24.7
234.2	188.9144624	24.03	0.394	233.6	190.6237893	24.59
223.9	165.4295013	24	0.355	227.2	173.9118416	24.5
223.7	164.9592071	23.97	0.366	226.5	171.9924951	24.45
207	138.4636301	23.97	0.39	213.3	145.9460296	24.42
208.5	140.0223639	23.97	0.401	216.2	150.3016928	24.4
229.2	179.7911758	23.95	0.353	231.4	187.0083138	24.37
280	144.5069269	23.94	0.266	267.8	144.8847909	24.32
318.3	185.293471	23.91	0.351	291	149.967168	24.25

0.535	322.5	172.5339195	177.2133361	Yes
0.477	322.2	173.356455	163.5131774	Yes
0.379	341.5	139.1748294	147.5558733	Yes
0.355	4.759	128.0164929	149.0194572	Yes
0.393	30.87	142.7605527	158.7171307	Yes
0.4	33.77	146.6093831	159.1162057	Yes
0.456	38	153.3405134	161.9587868	Yes
0.462	31.83	143.971349	164.0365544	Yes
0.5	41.2	159.4584123	169.6767942	Yes
0.517	45.25	168.7300318	173.7993981	Yes
0.587	38.65	154.5062011	165.6830139	Yes
0.664	43.45	164.3778936	168.3243261	Yes
0.743	57.27	180.9274986	170.5570348	Yes
0.744	57.27	180.9274986	162.7845382	Yes
0.811	53.32	191.4393324	169.1785542	Yes
0.966	46.5	171.9924951	173.2780162	Yes
0.974	45.17	168.5281549	168.0553646	Yes
0.552	50.5	183.9540825	156.4546083	Yes
0.499	46.23	171.2702373	151.9927363	Yes
0.429	55.4	185.6463296	162.7091235	Yes
0.383	76.99	150.9389177	149.6063349	Yes
0.508	83.4	146.658692	155.8465242	Yes
0.506	91.5	144.0764313	147.691962	Yes
0.607	105.9	146.709616	152.3153972	Yes
0.588	98.1	144.1344398	145.6281337	Yes
0.599	109.5	148.8712346	148.8220464	Yes
0.586	115.8	154.3086209	152.5755358	Yes
0.603	123.4	164.1726616	161.6093681	Yes
0.607	124.3	165.6232794	159.4098403	Yes
0.58	123.3	164.0155381	156.1560293	Yes
0.643	126.4	169.2750169	160.1111643	Yes
0.663	132.2	181.5820782	152.3478107	Yes
0.602	143	171.1905949	153.9071223	Yes
0.496	150.7	154.2338617	151.8405482	Yes
0.526	217.4	152.2972712	157.2734642	Yes
0.636	235.7	184.8594495	159.8106696	Yes
0.515	231	185.6327901	162.4616912	Yes
0.504	228.9	178.8700569	171.0801426	Yes
0.497	217.1	151.7871691	148.8974108	Yes
0.519	224.7	167.3583715	165.2676524	Yes
0.626	229.9	181.9973899	178.6338442	Yes
0.679	235.1	186.4450707	171.6682933	Yes
0.613	235.5	185.382728	166.2234329	Yes
0.604	230.5	183.9540825	179.1197378	Yes
0.583	224.7	167.3583715	168.5740163	Yes
0.597	221.6	160.2933984	167.9911673	Yes
0.616	209.9	141.5976893	145.8477226	Yes
0.585	216.5	150.7894808	154.8077927	Yes
0.484	237.3	180.8553063	172.5331924	Yes
0.364	268.5	144.6848135	146.544666	Yes
0.4	296.9	155.4951241	159.6340177	Yes

9/15/2019	20:39	22.98	0.061
9/15/2019	20:40	22.96	0.132
9/15/2019	20:41	22.93	0.145
9/15/2019	20:42	22.9	0.082
9/15/2019	20:43	22.86	0.122
9/15/2019	20:44	22.82	0.161
9/15/2019	20:45	22.78	0.101
9/15/2019	20:46	22.76	0.131
9/15/2019	20:47	22.73	0.109
9/15/2019	20:48	22.71	0.078
9/15/2019	20:49	22.69	0.081
9/15/2019	20:50	22.67	0.086
9/15/2019	20:51	22.64	0.075
9/15/2019	20:52	22.62	0.092
9/15/2019	20:53	22.61	0.106
9/15/2019	20:54	22.6	0.098
9/15/2019	20:55	22.57	0.084
9/15/2019	20:56	22.55	0.068
9/15/2019	20:57	22.53	0.088
9/15/2019	20:58	22.51	0.118
9/15/2019	20:59	22.48	0.415
9/15/2019	21:00	22.43	0.488
9/15/2019	21:01	22.42	0.277
9/15/2019	21:02	22.42	0.205
9/15/2019	21:03	22.41	0.3
9/15/2019	21:04	22.38	0.416
9/15/2019	21:05	22.35	0.31
9/15/2019	21:06	22.34	0.096
9/15/2019	21:07	22.31	0.082
9/15/2019	21:08	22.29	0.051
9/15/2019	21:09	22.27	0.022
9/15/2019	21:10	22.24	0.019
9/15/2019	21:11	22.2	0.132
9/15/2019	21:12	22.2	0.221
9/15/2019	21:13	22.16	0.267
9/15/2019	21:14	22.11	0.235
9/15/2019	21:15	22.07	0.152
9/15/2019	21:16	22.03	0.196
9/15/2019	21:17	22	0.227
9/15/2019	21:18	21.95	0.308
9/15/2019	21:19	21.91	0.305
9/15/2019	21:20	21.91	0.297
9/15/2019	21:21	21.9	0.222
9/15/2019	21:22	21.9	0.271
9/15/2019	21:23	21.89	0.273
9/15/2019	21:24	21.9	0.238
9/15/2019	21:25	21.91	0.191
9/15/2019	21:26	21.91	0.148
9/15/2019	21:27	21.92	0.169
9/15/2019	21:28	21.93	0.18
9/15/2019	21:29	21.91	0.152

340.6	140.1309578	23.17	0.115
348.9	132.977145	23.14	0.173
3.333	128.0473062	23.11	0.179
13.09	129.4343879	23.08	0.102
20.73	133.2620164	23.05	0.131
15.83	130.5149276	23.01	0.175
11.43	128.9309747	22.97	0.114
359.9	128.4479207	22.94	0.171
346.4	134.7576487	22.9	0.145
340.5	140.2401479	22.88	0.121
329.9	155.7099409	22.86	0.129
322.3	173.0808789	22.85	0.113
334.7	147.6715655	22.83	0.118
311.9	192.5757179	22.81	0.16
304.4	165.7885774	22.8	0.147
287.9	147.8305829	22.79	0.136
257.7	150.3590693	22.77	0.128
269.3	144.4833098	22.74	0.107
298.7	157.6032138	22.72	0.124
293	151.6168585	22.7	0.141
320	179.7911758	22.67	0.52
350.4	132.0507649	22.59	0.548
358.3	128.7937914	22.55	0.334
344	136.7605319	22.53	0.249
342.3	138.3643054	22.51	0.355
334	148.7274886	22.47	0.499
351.2	131.5986579	22.43	0.321
355.8	129.5409061	22.4	0.128
99.1	144.310461	22.38	0.081
164.7	136.145503	22.36	0.045
235	186.7139875	22.33	0.033
0	128.4296876	22.3	0.03
96.9	143.9815923	22.27	0.131
91.8	144.0375611	22.28	0.25
105	146.2685776	22.3	0.342
123.9	164.9703808	22.26	0.329
125.2	167.1413681	22.22	0.208
100	144.5069269	22.19	0.262
130.9	178.509184	22.15	0.317
115.3	153.7939153	22.09	0.388
97.6	144.0630334	22.05	0.428
97.8	144.0902707	22.05	0.378
98.9	144.2717056	22.05	0.302
106.9	147.2455367	22.04	0.335
98.2	144.1500472	22.05	0.324
103.9	145.7817973	22.05	0.312
107.2	147.415851	22.07	0.246
110.5	149.5886665	22.08	0.207
82.8	146.9714914	22.11	0.222
67.32	161.8691248	22.12	0.24
38.41	154.0714246	22.12	0.196

300.4	159.7940691	23.48	0.188
312.7	192.5757179	23.48	0.268
329.8	155.8985853	23.47	0.269
335.5	146.5095784	23.46	0.18
350.3	132.1093104	23.44	0.197
345.9	135.1505606	23.42	0.263
339.8	141.0213439	23.4	0.208
329.5	156.470139	23.38	0.274
319.6	181.0419634	23.38	0.266
313.4	192.5757179	23.37	0.241
309.3	174.9883145	23.36	0.226
296.4	154.9464686	23.33	0.209
309.2	174.7773583	23.3	0.217
290.3	149.4409821	23.28	0.231
283.7	145.6994008	23.24	0.254
264.6	146.0849588	23.2	0.229
248.4	160.3391006	23.16	0.202
253.9	153.7939153	23.12	0.195
271.3	144.1045518	23.08	0.211
266.4	145.3516416	23.04	0.26
294	152.5255981	22.99	0.675
321.1	176.4826621	22.88	0.805
336.2	145.5308449	22.82	0.504
319.2	182.3192244	22.8	0.325
319.3	181.9973899	22.75	0.524
310.1	176.7139881	22.72	0.722
325.6	164.7258126	22.67	0.526
336.4	145.2575724	22.64	0.258
55.36	185.7521389	22.61	0.112
310.2	176.9345288	22.58	0.072
270.7	144.1995259	22.55	0.066
0	128.4296876	22.52	0.057
69.49	158.8806564	22.49	0.122
58.37	178.3492575	22.49	0.262
77.51	150.5115394	22.5	0.381
98.7	144.234728	22.5	0.307
95.7	143.8921176	22.53	0.282
73.11	154.6141399	22.53	0.362
102.7	145.3153153	22.47	0.323
91.1	144.1344398	22.39	0.441
75.28	152.4507863	22.36	0.583
70.35	157.7885382	22.36	0.518
77.38	150.6169944	22.34	0.432
76.35	151.4854505	22.33	0.456
70.55	157.5417755	22.33	0.468
72.87	154.8709054	22.33	0.44
80.6	148.2698482	22.36	0.359
83.8	146.4598058	22.37	0.325
60.41	173.9232482	22.43	0.36
46.71	172.5611354	22.47	0.39
20.68	133.2284434	22.49	0.347

288.7	148.3346233	23.87	0.207	273.4	143.897159	24.18
308.1	172.5243387	23.85	0.289	291.7	150.5196185	24.13
325.8	164.2624968	23.82	0.295	307.7	171.7349716	24.08
325.2	165.6664139	23.79	0.218	300.3	159.6596036	24.07
338.8	142.1896378	23.77	0.238	305.8	168.1922038	24.12
335.8	146.0858429	23.76	0.301	306.2	168.9104738	24.18
329.2	157.0502204	23.74	0.255	303	163.5489495	24.25
327.6	160.2933984	23.73	0.337	307.7	171.7349716	24.28
321.7	174.7556358	23.74	0.342	307.3	170.9610894	24.34
319.5	181.3587702	23.73	0.323	304.7	166.2895033	24.34
312.4	192.5757179	23.72	0.324	300.6	160.0651457	24.38
308.3	172.92492	23.7	0.328	296.3	154.8386144	24.4
313.8	192.5757179	23.68	0.339	300.1	159.3928048	24.43
300.8	160.3391006	23.66	0.365	291.9	150.682349	24.45
292.2	150.9305587	23.61	0.373	285.1	146.3156694	24.37
274.5	143.8658191	23.57	0.311	274.7	143.8658191	24.31
260.9	148.0785655	23.52	0.256	268.8	144.6058796	24.27
268.7	144.6317408	23.47	0.247	271.1	144.1344398	24.22
274.4	143.8664765	23.43	0.273	271.4	144.0902707	24.2
266.8	145.2090977	23.39	0.263	263.9	146.4112828	24.1
295.5	153.9979779	23.33	0.785	285	146.2685776	23.95
326.2	163.3495837	23.2	0.845	311	178.7386118	23.67
338.3	142.7974765	23.11	0.535	324.4	167.6049563	23.51
329.3	156.8559046	23.09	0.415	324.2	168.1018522	23.53
331.8	152.2972712	23.03	0.487	324.6	167.1130196	23.43
318	186.3168781	22.99	0.766	308.8	173.943875	23.33
330.8	154.0534207	22.96	0.608	317.5	188.0594614	23.28
334.1	148.5743588	22.93	0.336	321.9	174.1916691	23.28
13.54	129.5903128	22.9	0.191	343.2	137.4955162	23.29
330	155.5222256	22.87	0.146	309.6	175.6274687	23.25
311.6	180.1392477	22.83	0.12	305.5	167.6628412	23.18
310.9	178.509184	22.8	0.111	303.8	164.8092124	23.15
39.23	155.5784429	22.77	0.125	5.935	128.0507576	23.13
38.22	153.7308664	22.75	0.252	22.9	134.8352272	23.1
63.19	168.5675077	22.74	0.424	58.95	177.0452081	23.06
95.6	143.8875148	22.75	0.504	86.1	145.4633897	23.01
85.1	145.8660653	22.79	0.418	71.62	156.266743	23.04
63.22	168.5136517	22.85	0.462	57.16	181.193123	23.12
94.4	143.8664765	22.77	0.474	84	146.3632375	23.08
87.6	144.9460055	22.68	0.641	79.63	148.9197562	22.99
68.82	159.767119	22.7	0.738	62.23	170.3340926	23.06
60.38	173.9851592	22.72	0.651	56.48	182.867698	23.14
66.07	163.7502604	22.7	0.571	60.72	173.2888462	23.16
68.53	160.1607014	22.68	0.58	64.27	166.6787038	23.14
62.68	169.495492	22.66	0.58	58.8	177.3788901	23.1
61.78	171.1916451	22.67	0.563	55.15	186.3111152	23.13
66.27	163.4411044	22.7	0.476	60.15	174.4628708	23.2
71.03	156.9604619	22.73	0.457	64.73	165.9047833	23.28
56.35	183.1943186	22.81	0.492	58.3	178.509184	23.44
44.85	167.7287132	22.87	0.492	51.42	187.0778653	23.51
25.96	137.4579419	22.89	0.41	38.47	154.1796357	23.52

0.313	269.2	144.5069269	147.3327472	Yes
0.36	297.3	155.945431	160.9084502	Yes
0.356	307.9	172.1277015	158.4142123	Yes
0.364	286.7	147.1344513	149.680887	Yes
0.407	295.1	153.5922617	145.869086	Yes
0.428	299.8	158.9978987	147.9319407	Yes
0.424	299.5	158.6092822	149.8321541	Yes
0.481	307.2	170.7700049	157.5432869	Yes
0.432	303.3	164.0155381	165.1063751	Yes
0.479	306.7	169.8286827	170.0585644	Yes
0.503	309.7	175.8426324	171.8363503	Yes
0.525	307.6	171.5400605	165.4661885	Yes
0.522	311.2	179.2008824	170.7236658	Yes
0.617	304	165.1323684	163.6341036	Yes
0.637	299.1	158.1007946	153.3670002	Yes
0.614	296.2	154.7313813	147.2757122	Yes
0.584	287.6	147.6498563	150.2064943	Yes
0.586	288.5	148.2055809	147.0497973	Yes
0.616	287.3	147.4736091	147.4276244	Yes
0.604	282.3	145.1746105	146.7526982	Yes
1.053	295.3	153.7939153	157.2754489	Yes
1.274	319.2	182.3192244	166.5881694	Yes
0.83	334	148.7274886	146.6909115	Yes
0.619	338.3	142.7974765	157.3669979	Yes
0.709	336.4	145.2575724	157.0059117	Yes
0.925	320.8	177.3663815	172.6137223	Yes
0.901	323.5	169.8808638	161.6636433	Yes
0.638	326.3	163.1241775	152.1377368	Yes
0.512	333	150.3016928	149.4900243	Yes
0.325	316	192.5757179	167.3610888	Yes
0.28	311	178.7386118	171.4908428	Yes
0.302	312.3	192.5757179	158.5506979	Yes
0.287	340	140.7951122	145.4573123	Yes
0.317	4.399	128.0167877	147.79394	Yes
0.376	50.05	182.4807775	164.974722	Yes
0.439	85.6	145.6589028	148.8429832	Yes
0.405	62.36	170.0899006	156.6512389	Yes
0.554	48.91	178.9005299	165.5456743	Yes
0.57	78.32	149.8751117	152.785865	Yes
0.746	72.86	154.8816815	149.3351596	Yes
0.857	55.28	185.9643918	162.5158846	Yes
0.887	54.45	188.2173153	169.3897963	Yes
0.818	60.77	173.1874305	161.0230474	Yes
0.812	67.32	161.8691248	157.4879034	Yes
0.843	59.58	175.6704165	164.8473242	Yes
0.809	55.2	186.1774937	168.8665913	Yes
0.74	58.82	177.3342562	162.1847861	Yes
0.764	64.27	166.6787038	157.1184843	Yes
0.831	63.87	167.3663777	169.992924	Yes
0.748	65.73	164.2831252	170.7039928	Yes
0.615	63.03	168.856105	149.5587101	Yes

9/15/2019	21:30	21.89	0.152
9/15/2019	21:31	21.89	0.152
9/15/2019	21:32	21.88	0.051
9/15/2019	21:33	21.86	0.037
9/15/2019	21:34	21.84	0.035
9/15/2019	21:35	21.81	0.027
9/15/2019	21:36	21.79	0.048
9/15/2019	21:37	21.76	0.074
9/15/2019	21:38	21.72	0.164
9/15/2019	21:39	21.7	0.142
9/15/2019	21:40	21.69	0.163
9/15/2019	21:41	21.71	0.148
9/15/2019	21:42	21.7	0.123
9/15/2019	21:43	21.68	0.117
9/15/2019	21:44	21.67	0.127
9/15/2019	21:45	21.66	0.145
9/15/2019	21:46	21.66	0.067
9/15/2019	21:47	21.63	0.042
9/15/2019	21:48	21.6	0.097
9/15/2019	21:49	21.58	0.065
9/15/2019	21:50	21.55	0.085
9/15/2019	21:51	21.52	0.143
9/15/2019	21:52	21.48	0.172
9/15/2019	21:53	21.44	0.185
9/15/2019	21:54	21.4	0.152
9/15/2019	21:55	21.37	0.066
9/15/2019	21:56	21.35	0.035
9/15/2019	21:57	21.33	0.056
9/15/2019	21:58	21.31	0.057
9/15/2019	21:59	21.28	0.054
9/15/2019	22:00	21.25	0.057
9/15/2019	22:01	21.25	0.18
9/15/2019	22:02	21.31	0.107
9/15/2019	22:03	21.28	0.077
9/15/2019	22:04	21.26	0.066
9/15/2019	22:05	21.23	0.141
9/15/2019	22:06	21.2	0.128
9/15/2019	22:07	21.21	0.148
9/15/2019	22:08	21.18	0.297
9/15/2019	22:09	21.14	0.107
9/15/2019	22:10	21.12	0.173
9/15/2019	22:11	21.09	0.2
9/15/2019	22:12	21.07	0.062
9/15/2019	22:13	21.05	0.146
9/15/2019	22:14	21.04	0.102
9/15/2019	22:15	21.03	0.105
9/15/2019	22:16	21.03	0.181
9/15/2019	22:17	21.03	0.183
9/15/2019	22:18	21.03	0.219
9/15/2019	22:19	21.04	0.211
9/15/2019	22:20	21.05	0.126

46.69	172.5067173	22.09	0.192
79	149.3679312	22.11	0.185
81	148.0158154	22.11	0.081
65	165.4588142	22.1	0.062
155.5	146.5095784	22.08	0.044
0	128.4296876	22.06	0.04
64.34	166.5597745	22.03	0.063
315	192.5757179	22.02	0.073
231	185.6327901	21.98	0.165
223.2	163.8037704	21.95	0.149
197.2	131.1751217	21.95	0.191
214.2	147.2303008	21.97	0.212
230.2	182.967997	21.98	0.16
239.2	176.4945334	21.96	0.159
274.6	143.8656	21.93	0.149
313	192.5757179	21.91	0.143
311.8	192.5757179	21.89	0.089
279.5	144.3933148	21.86	0.043
230.6	184.28627	21.83	0.112
294.5	153.0016129	21.79	0.074
5.165	128.0222245	21.76	0.089
28.62	140.1527481	21.72	0.142
19.55	132.5009833	21.68	0.19
35.44	149.098148	21.64	0.208
36.97	151.5684723	21.6	0.162
55.76	184.7034797	21.56	0.082
179	128.6298991	21.53	0.05
340.3	140.4603245	21.5	0.067
3.201	128.0541709	21.47	0.074
30.8	142.6746234	21.44	0.073
20.48	133.0953331	21.41	0.062
105.3	146.4112828	21.42	0.205
69.55	158.8028085	21.53	0.144
301.1	160.7554768	21.54	0.053
214.7	147.9694733	21.51	0.05
232.8	192.0626612	21.48	0.142
181	128.2691098	21.45	0.128
165.8	135.2306555	21.48	0.169
250.6	157.480505	21.47	0.282
332.6	150.9537025	21.43	0.113
313.4	192.5757179	21.4	0.182
286.9	147.2455367	21.37	0.215
294.2	152.7142528	21.34	0.081
259.4	149.0809751	21.32	0.169
261.6	147.6498563	21.3	0.121
254.9	152.8094541	21.28	0.105
270.3	144.2717056	21.26	0.203
251.8	156.0596058	21.26	0.19
255.3	152.4321413	21.25	0.231
239.8	175.2003149	21.25	0.221
211.3	143.2953883	21.26	0.171

28.1	139.5939084	22.49	0.334
51.95	188.9484638	22.52	0.312
47.11	173.661216	22.53	0.181
46.3	171.4565408	22.52	0.171
101.6	144.9460055	22.51	0.109
99.7	144.4374183	22.49	0.11
49.48	180.6639782	22.48	0.139
309.1	174.5674412	22.47	0.077
204.5	136.145503	22.43	0.161
196.9	131.0235708	22.38	0.177
174	130.2384741	22.36	0.263
185.4	128.0284797	22.38	0.301
205.4	136.9410396	22.37	0.274
210.4	142.1896378	22.34	0.262
240.1	174.5674412	22.3	0.216
275	143.869106	22.27	0.201
278.8	144.2529947	22.25	0.189
266.9	145.1746105	22.23	0.133
225.2	168.6037636	22.2	0.15
254.5	153.1961245	22.16	0.141
329	157.4417417	22.13	0.148
352.5	130.9247236	22.1	0.181
351.6	131.3833467	22.07	0.214
359.1	128.6080861	22.04	0.28
356.8	129.2114853	22.06	0.242
357.7	128.9499403	22.04	0.156
306.6	169.6432085	22.01	0.101
315.4	192.5757179	21.99	0.127
345.4	135.5561236	21.96	0.155
355.1	129.7960751	21.94	0.152
15.75	130.4788824	21.94	0.125
73.5	154.2044642	21.95	0.256
53.66	190.4505238	22.04	0.207
319.5	181.3587702	22.07	0.145
183.4	128.0440822	22.06	0.076
208.3	139.8069561	22.03	0.055
151.9	152.1263931	21.99	0.119
125.6	167.8384137	22.01	0.188
216.5	150.7894808	21.99	0.304
285.5	146.5088075	21.93	0.15
283.7	145.6994008	21.91	0.261
259.8	148.802358	21.9	0.357
273.8	143.8796248	21.85	0.219
244.2	166.7980522	21.82	0.257
243.6	167.8384137	21.79	0.218
228.6	177.9631823	21.76	0.165
245.5	164.6488595	21.72	0.257
231.6	187.7071962	21.7	0.268
232.1	189.4876488	21.66	0.279
219.2	155.5222256	21.63	0.266
194.3	129.8727295	21.61	0.16

34.12	147.1137554	22.91	0.431	45.84	170.2442587	23.54
45.2	168.6037636	22.97	0.411	53.15	191.9401405	23.62
43.53	164.5631269	23	0.294	54.42	188.3005121	23.7
49.57	180.9472445	23.01	0.286	59.75	175.3067082	23.79
65.53	164.6009122	23.01	0.235	68.78	159.8210479	23.81
69.1	159.3928048	23	0.238	72.37	155.4173654	23.79
57.93	179.3637597	22.99	0.251	65.3	164.9703808	23.77
31.86	144.0101708	22.99	0.167	66.14	163.641696	23.78
189.2	128.4296876	22.95	0.125	152.5	151.1187431	23.73
178.3	128.7937914	22.9	0.179	142.4	172.8067032	23.65
159.8	141.0213439	22.88	0.307	137	189.8495428	23.59
169.9	132.3480491	22.87	0.324	149.1	157.2454979	23.52
186.7	128.1020341	22.83	0.245	168.5	133.2418584	23.42
195.6	130.4120364	22.77	0.231	188.4	128.2980674	23.34
222.9	163.1241775	22.71	0.257	216.6	150.9537025	23.27
256.9	151.0143979	22.67	0.222	232.9	192.4386028	23.21
267.7	144.915171	22.66	0.221	242.8	169.2750169	23.18
265.9	145.540202	22.65	0.174	239.5	175.8426324	23.17
242.9	169.0922914	22.65	0.214	227.1	173.6334397	23.17
246.4	163.2418433	22.62	0.22	239.5	175.8426324	23.13
294.1	152.6196347	22.58	0.184	273.8	143.8796248	23.09
337.1	144.3229273	22.54	0.18	306.9	170.2024087	23.03
343.7	137.032099	22.49	0.265	316.7	190.9470722	22.94
343.5	137.2158368	22.45	0.268	325.5	164.9592071	22.87
348	133.5834127	22.45	0.235	348	133.5834127	22.82
7.182	128.1460975	22.45	0.189	14.65	130.010908	22.79
352.1	131.1241663	22.44	0.138	4.449	128.0164446	22.75
348.2	133.4453614	22.41	0.158	356	129.4717308	22.71
5.017	128.0193906	22.39	0.205	0.931	128.2789221	22.67
11.19	128.8674516	22.38	0.208	8.98	128.3909695	22.65
21.38	133.7092977	22.39	0.182	12.32	129.1869024	22.64
54.55	187.9408947	22.4	0.258	45.79	170.1141798	22.64
43.86	165.3350668	22.45	0.21	40.67	158.3771782	22.7
32.75	145.1896907	22.48	0.208	24.16	135.8560614	22.73
68.8	159.7940691	22.49	0.154	52.05	189.3074347	22.76
200	132.7835393	22.48	0.066	54	189.4785153	22.78
122.7	163.0894665	22.45	0.174	78.67	149.6110016	22.79
108.4	148.1418203	22.49	0.264	94.1	143.8710782	22.86
208.5	140.0223639	22.47	0.257	191	128.8188092	22.86
268.8	144.6058796	22.39	0.152	264.2	146.2685776	22.82
276.1	143.914916	22.36	0.205	276.3	143.9289489	22.79
263	146.8652868	22.33	0.344	251.9	155.945431	22.74
271.2	144.1192747	22.32	0.176	260.3	148.4657012	22.72
261.4	147.7698413	22.32	0.332	246.6	162.9378699	22.68
258	150.1223115	22.31	0.319	245.7	164.3305874	22.65
259.4	149.0809751	22.3	0.276	243.5	168.0148666	22.64
254.8	152.9052402	22.27	0.341	240.4	173.943875	22.64
246.4	163.2418433	22.24	0.374	233.8	190.048269	22.63
244.9	165.6232794	22.19	0.411	234.7	187.5288517	22.61
229.7	181.3587702	22.13	0.4	221.4	159.8738411	22.53
202.8	134.7576487	22.07	0.293	199.6	132.5319155	22.48

0.677	63.75	167.5753839	159.4068047	Yes
0.677	65.78	164.2041824	172.6128963	Yes
0.568	70.82	157.2129004	166.3507141	Yes
0.598	74.95	152.7617804	169.1862176	Yes
0.456	80	148.6661534	152.9087395	Yes
0.426	82.8	146.9714914	146.9297535	Yes
0.485	78.52	149.7233935	168.2562573	Yes
0.362	84.1	146.3156694	164.2221391	Yes
0.265	129.7	175.8426324	155.4338712	Yes
0.356	133	183.5738179	156.0003307	Yes
0.523	135.1	189.1957803	156.2960526	Yes
0.52	144.1	168.3521774	146.640901	Yes
0.368	159.9	140.9079226	144.4321704	Yes
0.341	166.6	134.6039881	142.3996526	Yes
0.247	199.4	132.4088779	152.9839598	Yes
0.209	193.1	129.4377621	161.8671173	Yes
0.246	214.3	147.3766469	159.6791095	Yes
0.238	190.2	128.6298991	147.9161318	Yes
0.286	197.2	131.1751217	165.3581773	Yes
0.307	231.8	188.4136263	166.7391679	Yes
0.217	264.7	146.0402375	145.6006926	Yes
0.169	289.5	148.8712346	146.8948085	Yes
0.281	311.2	179.2008824	154.2128767	Yes
0.245	338.2	142.9209771	144.560451	Yes
0.223	358.3	128.7937914	135.3481149	Yes
0.179	15.63	130.4253286	140.4471508	Yes
0.104	14.84	130.0880768	137.500359	Yes
0.112	5.224	128.0235924	144.7953454	Yes
0.154	12.67	129.2963836	129.8409981	Yes
0.199	15.23	130.2512551	131.9960749	Yes
0.148	19.44	132.4333381	131.7807507	Yes
0.231	63.65	167.7505176	165.2842678	Yes
0.219	48.5	177.6640101	170.1259175	Yes
0.214	41.91	160.9519715	156.8223941	Yes
0.184	75.2	152.5255981	155.5281315	Yes
0.17	81.2	147.8918251	160.4046994	Yes
0.26	100.4	144.6058796	147.5403701	Yes
0.319	110.4	149.5145601	148.9193056	Yes
0.21	159.3	141.5976893	143.7417696	Yes
0.058	23.64	135.4249564	144.7523847	Yes
0.149	299.2	158.226888	156.8691743	Yes
0.295	271.8	144.0375611	148.5792347	Yes
0.15	268.6	144.6580519	146.7673811	Yes
0.314	262.4	147.1897488	154.7552975	Yes
0.284	256.2	151.6168585	156.3116055	Yes
0.316	252.9	154.8386144	160.5414185	Yes
0.439	250.4	157.7265948	158.699255	Yes
0.51	244.4	166.4581678	172.7030164	Yes
0.484	237.8	179.6677453	174.9479333	Yes
0.514	226	170.6627261	168.5235756	Yes
0.406	208.6	140.1309578	136.117728	Yes

9/15/2019	22:21	21.05	0.102
9/15/2019	22:22	21.05	0.122
9/15/2019	22:23	21.04	0.115
9/15/2019	22:24	21.04	0.118
9/15/2019	22:25	21.02	0.036
9/15/2019	22:26	21	0.085
9/15/2019	22:27	20.97	0.127
9/15/2019	22:28	20.93	0.151
9/15/2019	22:29	20.89	0.131
9/15/2019	22:30	20.85	0.22
9/15/2019	22:31	20.8	0.173
9/15/2019	22:32	20.76	0.233
9/15/2019	22:33	20.73	0.115
9/15/2019	22:34	20.7	0.176
9/15/2019	22:35	20.68	0.136
9/15/2019	22:36	20.69	0.148
9/15/2019	22:37	20.71	0.142
9/15/2019	22:38	20.74	0.154
9/15/2019	22:39	20.76	0.114
9/15/2019	22:40	20.77	0.13
9/15/2019	22:41	20.79	0.118
9/15/2019	22:42	20.79	0.106
9/15/2019	22:43	20.79	0.082
9/15/2019	22:44	20.77	0.077
9/15/2019	22:45	20.75	0.088
9/15/2019	22:46	20.73	0.105
9/15/2019	22:47	20.71	0.144
9/15/2019	22:48	20.71	0.188
9/15/2019	22:49	20.7	0.163
9/15/2019	22:50	20.69	0.165
9/15/2019	22:51	20.68	0.202
9/15/2019	22:52	20.66	0.209
9/15/2019	22:53	20.64	0.2
9/15/2019	22:54	20.61	0.175
9/15/2019	22:55	20.59	0.126
9/15/2019	22:56	20.56	0.122
9/15/2019	22:57	20.54	0.117
9/15/2019	22:58	20.52	0.21
9/15/2019	22:59	20.5	0.161
9/15/2019	23:00	20.48	0.111
9/15/2019	23:01	20.46	0.145
9/15/2019	23:02	20.45	0.266
9/15/2019	23:03	20.43	0.275
9/15/2019	23:04	20.42	0.219
9/15/2019	23:05	20.41	0.136
9/15/2019	23:06	20.39	0.059
9/15/2019	23:07	20.37	0.044
9/15/2019	23:08	20.35	0.129
9/15/2019	23:09	20.33	0.081
9/15/2019	23:10	20.3	0.057
9/15/2019	23:11	20.28	0.102

226.8	172.8067032	21.25	0.123
228.3	177.070287	21.24	0.136
190	128.5866722	21.24	0.136
176.9	129.1807975	21.24	0.143
184.5	128.016195	21.23	0.047
21.66	133.9082214	21.2	0.061
53.01	192.3558169	21.17	0.107
53.42	191.1467429	21.13	0.167
35.49	149.1759312	21.09	0.156
32.17	144.4148819	21.05	0.256
23.08	134.9761309	21	0.205
28.5	140.0223639	20.95	0.264
6.67	128.0995922	20.9	0.159
32.26	144.5335987	20.87	0.2
355.7	129.5761138	20.83	0.159
337.2	144.1921397	20.82	0.172
338.4	142.6746234	20.83	0.172
329.6	156.2786798	20.85	0.173
334.2	148.4219956	20.88	0.144
319.9	180.1014276	20.91	0.155
317.7	187.3568179	20.92	0.151
311.7	192.5757179	20.93	0.141
302.4	162.6370044	20.93	0.105
259.7	148.8712346	20.91	0.093
226.1	170.9259926	20.89	0.093
214.1	147.0846926	20.86	0.11
190.3	128.6521114	20.84	0.144
180.6	128.328602	20.85	0.188
177.7	128.9499403	20.86	0.171
175.3	129.7210908	20.87	0.153
168.2	133.4453614	20.88	0.196
151.8	152.2972712	20.89	0.236
141.5	175.3254093	20.89	0.247
149.4	156.6625457	20.88	0.205
143.7	169.3661605	20.86	0.175
168.5	133.2418584	20.83	0.153
176.3	129.3710598	20.8	0.146
174.9	129.8727295	20.78	0.267
172.4	130.9739291	20.76	0.205
170.7	131.8778474	20.73	0.145
164.5	136.3185854	20.71	0.177
151.8	152.2972712	20.69	0.292
144.3	167.8527808	20.68	0.29
142.9	171.4565408	20.68	0.233
150.4	154.7805667	20.67	0.158
168.7	133.1085592	20.65	0.08
43.83	165.2643645	20.62	0.033
63.55	167.9265298	20.59	0.058
15.43	130.3374397	20.56	0.055
36.34	150.5284204	20.53	0.032
103.9	145.7817973	20.5	0.088

206.5	137.9726212	21.59	0.139
206.6	138.0697036	21.57	0.142
176.1	129.4377621	21.56	0.122
163.6	137.1236975	21.56	0.112
162.2	138.4636301	21.54	0.064
1.755	128.1739792	21.51	0.025
27.65	139.1230976	21.48	0.069
26.5	137.9726212	21.45	0.156
12.32	129.1869024	21.42	0.197
4.968	128.0186405	21.38	0.267
356.1	129.4377621	21.35	0.235
355.5	129.6477719	21.33	0.314
342	138.6639767	21.35	0.22
359.9	128.4479207	21.36	0.246
331.4	152.989316	21.39	0.223
318.7	183.9540825	21.39	0.245
318.1	185.9739218	21.4	0.235
312.2	192.5757179	21.41	0.252
312.8	192.5757179	21.44	0.239
301.8	161.7528127	21.48	0.222
297.8	156.5227599	21.46	0.218
289.7	149.010542	21.45	0.208
282.6	145.2794496	21.41	0.177
250.5	157.6032138	21.37	0.167
214.5	147.6715655	21.33	0.142
197.9	131.5441627	21.29	0.132
178.3	128.7937914	21.25	0.14
167.7	133.7940871	21.21	0.146
171	131.7089882	21.19	0.143
167.5	133.9369487	21.18	0.138
155.2	146.9398193	21.18	0.16
142.3	173.0808789	21.18	0.158
134.7	188.0789318	21.19	0.191
136.8	190.5792409	21.2	0.268
133.3	184.3413566	21.2	0.259
143.7	169.3661605	21.19	0.23
149.1	157.2454979	21.18	0.22
147.8	159.8738411	21.17	0.332
150.3	154.96461	21.19	0.289
149.7	156.0881634	21.17	0.213
143.3	170.4007875	21.14	0.246
137.1	189.4876488	21.14	0.355
135.5	190.3353042	21.15	0.372
135.4	190.048269	21.18	0.336
137.8	187.0083138	21.18	0.266
148	159.4584123	21.14	0.165
90.1	144.310461	21.11	0.095
41.34	159.7487809	21.07	0.094
2.885	128.0733693	21.03	0.043
46.52	172.0463904	20.98	0.067
93.8	143.8796248	20.95	0.128

224.7	167.3583715	22.02	0.266	210.5	142.3099249	22.45
208	139.4882645	21.97	0.257	196.7	130.9247236	22.4
171.5	131.436508	21.95	0.276	180	128.4296876	22.44
166	135.0709716	21.98	0.252	172.6	130.8759536	22.49
163.2	137.4955162	21.95	0.143	167.7	133.7940871	22.47
0	128.4296876	21.92	0.045	159	141.9509679	22.43
54.91	186.9571644	21.88	0.034	57.23	181.0239219	22.4
25.75	137.2621098	21.84	0.093	19.24	132.311772	22.35
15.75	130.4788824	21.78	0.186	6.8	128.1104281	22.3
8.51	128.3146661	21.73	0.284	359.5	128.5248214	22.22
348.2	133.4453614	21.68	0.261	343.5	137.2158368	22.13
349.6	132.5319155	21.66	0.332	343	137.6847037	22.06
332	151.9563603	21.69	0.286	326.1	163.5761126	22.02
345.6	135.3923691	21.72	0.273	340.1	140.6829105	22.01
327.7	160.0831011	21.76	0.31	325.6	164.7258126	22.02
317.6	187.7071962	21.78	0.37	320.4	178.5661959	22.04
317.8	187.0083138	21.82	0.347	320.9	177.070287	22.07
310.2	176.9345288	21.86	0.387	309.6	175.6274687	22.1
309.3	174.9883145	21.9	0.331	305.6	167.8384137	22.13
299.1	158.1007946	21.97	0.334	300.7	160.201762	22.19
301	160.6159553	21.95	0.289	300.6	160.0651457	22.25
291.5	150.3590693	21.95	0.29	293.8	152.3392627	22.3
283.6	145.6589028	21.91	0.242	287.7	147.7095994	22.33
269.1	144.530992	21.83	0.213	276.5	143.9447385	22.32
245.8	164.1726616	21.77	0.168	256.8	151.0987909	22.28
225.3	168.856618	21.71	0.173	242	170.7700049	22.23
190.4	128.6747234	21.66	0.143	220.5	158.0363201	22.2
178.5	128.7449612	21.61	0.114	201.9	134.0817512	22.16
190.1	128.6080861	21.58	0.122	212.9	145.3938588	22.15
186.1	128.0598829	21.55	0.114	204	135.7219305	22.14
171.3	131.5441627	21.52	0.149	185.5	128.031795	22.12
152	151.9563603	21.5	0.156	172.7	130.8276183	22.1
134.3	186.9842516	21.5	0.144	160.9	139.8069561	22.07
139.3	181.9973899	21.5	0.204	152.2	151.6188155	22.04
133.8	185.6463296	21.51	0.213	141.7	174.7556358	22
137.4	188.4136263	21.51	0.222	150.8	154.0534207	21.96
138.5	184.6202228	21.51	0.251	153.2	149.9805289	21.91
144.3	167.8527808	21.52	0.33	157.9	143.2953883	21.88
147.1	161.3606366	21.53	0.274	167.1	134.2285045	21.87
145.9	164.0325631	21.54	0.244	165	135.8898012	21.86
141.3	175.9010607	21.54	0.264	159.6	141.2500277	21.85
137.1	189.4876488	21.56	0.348	148.3	158.8429179	21.85
136.1	192.0882584	21.59	0.385	144.2	168.1018522	21.87
137.4	188.4136263	21.63	0.367	147.4	160.717127	21.91
138.3	185.293471	21.66	0.356	147.2	161.1450705	21.96
143.3	170.4007875	21.65	0.316	148.7	158.0363201	21.98
134.4	187.2558705	21.63	0.227	144.5	167.3583715	21.99
106.7	147.1344513	21.59	0.163	132.6	182.5680669	21.98
85	145.9089029	21.54	0.133	146	163.8037704	21.97
141.4	175.6124958	21.5	0.173	155.8	146.0858429	21.96
114.8	153.294267	21.47	0.191	137.2	189.1277069	21.96

0.344	214.6	147.8201441	153.653553	Yes
0.353	199.8	132.6567999	143.6419557	Yes
0.327	183.6	128.0355004	129.1852261	Yes
0.296	180.5	128.3444613	132.1191763	Yes
0.176	191.5	128.9499403	133.3438737	Yes
0.11	218.5	154.2338617	137.3393436	Yes
0.085	209.9	141.5976893	168.211538	Yes
0.028	221.7	160.5047386	151.8395969	Yes
0.105	9.5	128.4855767	133.0875442	Yes
0.196	7.141	128.1419953	131.483001	Yes
0.197	353.5	130.4564935	133.1063169	Yes
0.231	355.1	129.7960751	133.936566	Yes
0.174	338.1	143.0451277	145.0682339	Yes
0.191	352.5	130.9247236	135.9963045	Yes
0.234	327.3	160.9305691	153.6609825	Yes
0.385	326.9	161.7949854	171.2429199	Yes
0.281	318.8	183.6236488	175.2701589	Yes
0.392	311.9	192.5757179	178.7984226	Yes
0.27	302.2	162.3392225	169.2327328	Yes
0.36	298.8	157.7265948	163.5766784	Yes
0.353	302.5	162.7870502	165.4695458	Yes
0.36	300.2	159.5258496	160.7620883	Yes
0.382	298.9	157.8506504	151.8271213	Yes
0.336	288.9	148.4657012	148.683176	Yes
0.292	284.8	146.17582	156.0089661	Yes
0.276	277.4	144.0375611	152.4586079	Yes
0.225	271.1	144.1344398	137.6582772	Yes
0.204	276.1	143.914916	133.7728635	Yes
0.208	271.9	144.0254863	135.737272	Yes
0.203	271.3	144.1045518	134.3088809	Yes
0.165	247.9	161.0367221	140.1995721	Yes
0.148	230.4	183.6236488	158.3571555	Yes
0.114	236.9	181.8267455	174.4044589	Yes
0.156	195	130.1542428	162.202447	Yes
0.12	189.5	128.4855767	168.5190118	Yes
0.142	193.9	129.7210908	154.9592313	Yes
0.177	188.2	128.2691098	149.8972838	Yes
0.202	181.2	128.2417275	145.8272935	Yes
0.173	200.4	133.042617	142.9140594	Yes
0.174	200.8	133.3092177	144.2395185	Yes
0.135	194.2	129.8341932	150.7409309	Yes
0.188	170.5	131.9926732	164.421632	Yes
0.218	166.9	134.3772185	170.5510828	Yes
0.216	174.4	130.0717042	168.1414535	Yes
0.21	179.4	128.5450401	163.3544924	Yes
0.178	186.5	128.0864199	149.8180998	Yes
0.139	194.1	129.7960751	158.7970285	Yes
0.097	188.8	128.3607156	157.1477089	Yes
0.104	198.1	131.6535994	139.9554163	Yes
0.144	187.5	128.180153	154.4906605	Yes
0.171	162.2	138.4636301	154.1094052	Yes

9/15/2019	23:12	20.26	0.114
9/15/2019	23:13	20.25	0.083
9/15/2019	23:14	20.23	0.101
9/15/2019	23:15	20.21	0.102
9/15/2019	23:16	20.2	0.091
9/15/2019	23:17	20.18	0.112
9/15/2019	23:18	20.18	0.17
9/15/2019	23:19	20.17	0.189
9/15/2019	23:20	20.15	0.158
9/15/2019	23:21	20.14	0.102
9/15/2019	23:22	20.12	0.1
9/15/2019	23:23	20.1	0.075
9/15/2019	23:24	20.08	0.121
9/15/2019	23:25	20.07	0.203
9/15/2019	23:26	20.08	0.24
9/15/2019	23:27	20.08	0.207
9/15/2019	23:28	20.1	0.164
9/15/2019	23:29	20.12	0.127
9/15/2019	23:30	20.12	0.048
9/15/2019	23:31	20.11	0.119
9/15/2019	23:32	20.09	0.197
9/15/2019	23:33	20.07	0.207
9/15/2019	23:34	20.06	0.144
9/15/2019	23:35	20.04	0.166
9/15/2019	23:36	20.03	0.164
9/15/2019	23:37	20.01	0.114
9/15/2019	23:38	20	0.133
9/15/2019	23:39	19.98	0.14
9/15/2019	23:40	19.99	0.158
9/15/2019	23:41	20.03	0.187
9/15/2019	23:42	20.06	0.176
9/15/2019	23:43	20.09	0.171
9/15/2019	23:44	20.11	0.172
9/15/2019	23:45	20.14	0.184
9/15/2019	23:46	20.16	0.18
9/15/2019	23:47	20.17	0.219
9/15/2019	23:48	20.15	0.227
9/15/2019	23:49	20.13	0.219
9/15/2019	23:50	20.11	0.216
9/15/2019	23:51	20.1	0.178
9/15/2019	23:52	20.09	0.204
9/15/2019	23:53	20.08	0.239
9/15/2019	23:54	20.11	0.267
9/15/2019	23:55	20.15	0.342
9/15/2019	23:56	20.18	0.316
9/15/2019	23:57	20.18	0.3
9/15/2019	23:58	20.15	0.267
9/15/2019	23:59	20.13	0.238
9/16/2019	00:00	20.1	0.158
9/16/2019	00:01	20.08	0.118
9/16/2019	00:02	20.06	0.068

131.5	179.9029136	20.49	0.121
145.2	165.6664139	20.49	0.104
257.3	150.682349	20.49	0.074
296.5	155.0549457	20.47	0.067
300.8	160.3391006	20.46	0.075
310.4	177.3788901	20.44	0.085
292.2	150.9305587	20.44	0.154
290.9	149.8904009	20.43	0.155
346.1	134.9918873	20.42	0.119
294.7	153.1961245	20.41	0.104
272.4	143.9717192	20.4	0.097
183.8	128.0284797	20.38	0.071
180.5	128.3444613	20.36	0.111
174.2	130.1542428	20.35	0.193
153.2	149.9805289	20.36	0.252
150.7	154.2338617	20.38	0.24
179.5	128.5248214	20.4	0.163
163.3	137.4017445	20.42	0.157
156.7	144.8528837	20.43	0.082
35.57	149.3007899	20.42	0.066
47.92	175.9589519	20.4	0.155
30.58	142.4066138	20.37	0.223
7.108	128.1387414	20.35	0.176
44.5	166.8688935	20.32	0.194
49.25	179.9460995	20.29	0.165
32.9	145.3938588	20.26	0.119
12.65	129.2899925	20.23	0.149
352.4	130.9739291	20.2	0.159
325.9	164.0325631	20.19	0.179
347.6	133.8652759	20.2	0.216
341.3	139.3832047	20.22	0.191
346.6	134.6039881	20.25	0.19
356.2	129.4042052	20.27	0.203
353.9	130.2812262	20.29	0.208
349.4	132.6567999	20.31	0.197
6.501	128.0864941	20.32	0.246
21	133.4453614	20.3	0.26
43.66	164.8657097	20.28	0.229
56.58	182.6178816	20.25	0.235
48.1	176.4826621	20.23	0.205
52.67	191.5769978	20.21	0.218
65.58	164.5211623	20.19	0.224
88.4	144.7120259	20.23	0.218
94.1	143.8710782	20.33	0.303
113.3	151.8834871	20.44	0.312
122	162.0444998	20.48	0.339
121.3	161.0367221	20.45	0.303
116.3	154.8386144	20.39	0.26
91.1	144.1344398	20.34	0.205
96.9	143.9815923	20.3	0.16
82.6	147.0796431	20.27	0.098

123	163.5489495	20.92	0.161
134.3	186.9842516	20.92	0.149
195.1	130.1961465	20.92	0.113
256.9	151.0143979	20.91	0.067
263.6	146.5582885	20.88	0.116
284.1	145.8660653	20.86	0.159
265.1	145.8660653	20.85	0.237
265	145.9089029	20.84	0.253
304.1	165.2951784	20.83	0.197
273.8	143.8796248	20.81	0.26
260.1	148.5988232	20.8	0.209
206.8	138.2655439	20.78	0.131
174.4	130.0717042	20.75	0.114
163.9	136.8505178	20.73	0.172
147.6	160.2933984	20.72	0.22
141.2	176.1911131	20.72	0.238
152.5	151.1187431	20.74	0.242
155.6	146.3676144	20.76	0.174
170.6	131.9350344	20.77	0.131
7.382	128.1670532	20.76	0.056
8.78	128.3574332	20.74	0.057
0.3	128.3773651	20.7	0.156
357.5	129.00522	20.67	0.204
5.616	128.0361295	20.64	0.213
3.267	128.0506535	20.61	0.185
348.9	132.977145	20.58	0.162
341.9	138.7650022	20.58	0.201
336.4	145.2575724	20.59	0.234
319	182.967997	20.62	0.258
324.5	167.3583715	20.66	0.288
317.8	187.0083138	20.7	0.299
322.4	172.8067032	20.73	0.278
328.2	159.0470698	20.78	0.281
325.6	164.7258126	20.82	0.299
324	168.6037636	20.84	0.296
338.7	142.3099249	20.85	0.343
345.6	135.3923691	20.86	0.361
359.6	128.5050003	20.85	0.297
15.99	130.5878417	20.81	0.302
6.7	128.1020341	20.78	0.282
8.92	128.3807425	20.75	0.299
26.81	138.2753948	20.73	0.28
49.33	180.1948192	20.75	0.269
62.17	170.4473295	20.81	0.311
83.8	146.4598058	20.87	0.311
92.9	143.9289489	20.92	0.364
98.1	144.1344398	20.91	0.38
93.5	143.8921176	20.85	0.36
70.53	157.5663307	20.78	0.33
68.39	160.3528743	20.72	0.266
54.74	187.4194953	20.67	0.204

129.9	176.2761595	21.45	0.219	152.8	150.6260744	21.98
140	179.7911758	21.46	0.228	153.5	149.5047542	22.04
177.4	129.0334674	21.47	0.199	174.2	130.1542428	22.09
223.7	164.9592071	21.45	0.118	190.3	128.6521114	22.1
240.7	173.3294827	21.41	0.122	214.3	147.3766469	22.06
261.3	147.8305829	21.37	0.147	234.5	188.0789318	21.99
254.9	152.8094541	21.33	0.257	238.6	177.8276612	21.92
263.1	146.8129126	21.29	0.284	243.7	167.6628412	21.82
286.7	147.1344513	21.27	0.208	261.5	147.7095994	21.75
273.5	143.8921176	21.23	0.2	264.2	146.2685776	21.67
267	145.1405816	21.2	0.212	256.4	151.441929	21.58
244.5	166.2895033	21.16	0.183	243.4	168.1922038	21.53
208.5	140.0223639	21.13	0.173	215.8	149.6625543	21.5
181.3	128.2286266	21.1	0.209	189	128.3944101	21.47
156.2	145.5308449	21.07	0.245	165.8	135.2306555	21.44
147.7	160.0831011	21.07	0.254	159	141.9509679	21.42
151.3	153.1644801	21.07	0.243	160	140.7951122	21.4
157.1	144.3229273	21.07	0.201	163	137.6847037	21.38
178.7	128.6977354	21.07	0.185	184.9	128.0177548	21.37
186	128.0542255	21.06	0.1	195.3	130.2812262	21.36
18.82	132.0624377	21.03	0.04	211.8	143.9325875	21.34
1.485	128.2054263	21	0.063	315.2	192.5757179	21.32
8.55	128.3208204	20.97	0.153	343	137.6847037	21.3
7.167	128.1445891	20.93	0.149	356.8	129.2114853	21.28
5.284	128.0251228	20.9	0.148	354.2	130.1542428	21.24
351	131.7089882	20.87	0.156	337.4	143.9325875	21.21
338.7	142.3099249	20.87	0.207	325.8	164.2624968	21.19
333.5	149.5047542	20.89	0.249	322.2	173.356455	21.18
318.6	184.28627	20.93	0.268	306	168.5495467	21.2
320.2	179.1755005	20.99	0.322	308.8	173.943875	21.25
316.1	192.5757179	21.04	0.347	305.1	166.9692794	21.32
315.1	192.5757179	21.1	0.339	303.9	164.9703808	21.39
317.1	189.4876488	21.18	0.345	305.8	168.1922038	21.47
317.4	188.4136263	21.26	0.392	308.4	173.1267013	21.54
318.3	185.293471	21.32	0.414	310.6	177.8276612	21.62
330.1	155.335435	21.36	0.449	321.5	175.3254093	21.69
337	144.4543929	21.39	0.472	325.6	164.7258126	21.75
350.9	131.7648252	21.37	0.395	337.3	144.0620273	21.79
7.769	128.2120593	21.32	0.416	346.3	134.8352272	21.76
358.9	128.6521114	21.3	0.391	344.1	136.6710803	21.76
4.8	128.0167799	21.3	0.373	352.9	130.7322487	21.75
20	132.7835393	21.29	0.371	359.9	128.4479207	21.73
38.17	153.6417764	21.3	0.323	8.8	128.3607156	21.72
47.19	173.8839374	21.33	0.341	20.54	133.1350679	21.7
64.78	165.8217372	21.36	0.287	36.25	150.3824854	21.69
73.57	154.1319174	21.4	0.328	53.55	190.7685782	21.7
83.2	146.7610226	21.39	0.356	61.1	172.5243387	21.71
83.5	146.6082498	21.35	0.391	64.07	167.0208154	21.72
74.25	153.4425938	21.29	0.372	54.68	187.5836121	21.71
68.23	160.5742413	21.25	0.336	48.97	179.0837007	21.69
62.43	169.9590645	21.2	0.293	42.57	162.3882283	21.67

0.257	167.2	134.1548834	160.9017961	Yes
0.307	174.3	130.1127622	162.4118715	Yes
0.327	189	128.3944101	133.6921232	Yes
0.231	197.5	131.3306282	146.2022581	Yes
0.226	201.4	133.7233811	152.26538	Yes
0.227	221.8	160.717127	163.9743194	Yes
0.307	234.2	188.9144624	163.2696404	Yes
0.36	230.8	184.9559525	159.046202	Yes
0.269	252.9	154.8386144	149.9939462	Yes
0.314	264	146.3632375	146.7199364	Yes
0.307	263.3	146.709616	147.1725338	Yes
0.24	242.9	169.0922914	153.9736044	Yes
0.241	209.8	141.481181	137.9164529	Yes
0.305	189.4	128.4665503	130.4188695	Yes
0.316	171.7	131.3306282	144.4732112	Yes
0.322	171	131.7089882	152.8336064	Yes
0.275	172	131.1751217	140.9556557	Yes
0.214	180.9	128.2833916	138.8120763	Yes
0.181	193.3	129.506112	132.6019041	Yes
0.105	214.1	147.0846926	136.5775975	Yes
0.067	218	153.3405134	146.7303847	Yes
0.056	276.5	143.9447385	147.1019723	Yes
0.104	355.1	129.7960751	130.5891121	Yes
0.085	354.3	130.1127622	136.4747719	Yes
0.108	356.9	129.1807975	139.0713832	Yes
0.116	347.8	133.7233811	137.5471921	Yes
0.17	342.5	138.1673439	142.5589521	Yes
0.211	337.3	144.0620273	148.6309476	Yes
0.239	318.9	183.2949574	176.6262668	Yes
0.295	320.6	177.9631823	166.461241	Yes
0.303	318.9	183.2949574	173.8462946	Yes
0.318	315.7	192.5757179	171.5065016	Yes
0.314	312.1	192.5757179	167.7413691	Yes
0.369	304.7	166.2895033	164.5673739	Yes
0.386	307.6	171.5400605	167.1843512	Yes
0.456	325.4	165.1937679	153.2502062	Yes
0.53	323.8	169.1107479	149.4257368	Yes
0.523	330.7	154.2338617	144.6862849	Yes
0.483	340.5	140.2401479	143.2986315	Yes
0.486	340.2	140.5713153	142.0958406	Yes
0.449	346.7	134.5279034	142.6469345	Yes
0.417	353.2	130.5924354	138.9240905	Yes
0.347	357.4	129.0334674	147.1885609	Yes
0.31	13.82	129.6915637	150.2057953	Yes
0.244	27.63	139.1024453	150.7299922	Yes
0.223	42.21	161.5989957	162.494588	Yes
0.22	46.57	172.1813681	159.3275783	Yes
0.254	43.29	164.0096325	155.2738859	Yes
0.253	34.53	147.7160604	158.0886074	Yes
0.237	23.62	135.4086525	155.8802122	Yes
0.194	12.68	129.2995853	159.2292033	Yes

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9/16/2019	00:04	20.01	0.102
9/16/2019	00:05	19.99	0.117
9/16/2019	00:06	19.96	0.158
9/16/2019	00:07	19.94	0.128
9/16/2019	00:08	19.91	0.189
9/16/2019	00:09	19.89	0.242
9/16/2019	00:10	19.86	0.171
9/16/2019	00:11	19.85	0.062
9/16/2019	00:12	19.83	0.068
9/16/2019	00:13	19.81	0.148
9/16/2019	00:14	19.79	0.163
9/16/2019	00:15	19.77	0.145
9/16/2019	00:16	19.75	0.078
9/16/2019	00:17	19.73	0.058
9/16/2019	00:18	19.71	0.055
9/16/2019	00:19	19.7	0.107
9/16/2019	00:20	19.69	0.128
9/16/2019	00:21	19.68	0.063
9/16/2019	00:22	19.66	0.043
9/16/2019	00:23	19.65	0.076
9/16/2019	00:24	19.64	0.077
9/16/2019	00:25	19.63	0.054
9/16/2019	00:26	19.61	0.033
9/16/2019	00:27	19.59	0.034
9/16/2019	00:28	19.58	0.065
9/16/2019	00:29	19.58	0.097
9/16/2019	00:30	19.57	0.151
9/16/2019	00:31	19.58	0.202
9/16/2019	00:32	19.59	0.188
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9/16/2019	00:34	19.61	0.06
9/16/2019	00:35	19.61	0.057
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9/16/2019	00:41	19.53	0.065
9/16/2019	00:42	19.52	0.095
9/16/2019	00:43	19.5	0.163
9/16/2019	00:44	19.48	0.185
9/16/2019	00:45	19.47	0.185
9/16/2019	00:46	19.46	0.155
9/16/2019	00:47	19.46	0.149
9/16/2019	00:48	19.47	0.107
9/16/2019	00:49	19.46	0.093
9/16/2019	00:50	19.46	0.116
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9/16/2019	00:53	19.47	0.142

109.5	148.8712346	20.23	0.128
99.7	144.4374183	20.21	0.129
127.5	171.3461128	20.19	0.163
131.2	179.2008824	20.17	0.23
144.4	167.6049563	20.15	0.221
148.1	159.2522329	20.12	0.263
149.7	156.0881634	20.1	0.314
151.7	152.4689987	20.07	0.236
148.7	158.0363201	20.05	0.102
38.72	154.6339854	20.03	0.073
5.998	128.0541163	20	0.142
21.25	133.6182247	19.97	0.178
41.08	159.2111192	19.94	0.197
63.18	168.5854776	19.91	0.13
75.16	152.563143	19.89	0.092
133.3	184.3413566	19.88	0.077
131.9	180.8553063	19.88	0.12
149.3	156.8559046	19.89	0.157
174.2	130.1542428	19.9	0.107
119.5	158.6092822	19.9	0.1
118.1	156.8769637	19.91	0.103
128.9	174.1507045	19.92	0.09
145.1	165.9045121	19.93	0.056
201.5	133.7940871	19.92	0.035
329.8	155.8985853	19.91	0.039
310.5	177.6027217	19.89	0.075
283.6	145.6589028	19.87	0.085
263.3	146.709616	19.86	0.185
251.2	156.7582401	19.87	0.226
255.1	152.6196347	19.89	0.22
267.6	144.9460055	19.9	0.172
291.8	150.6007104	19.91	0.113
3.154	128.0567794	19.92	0.061
57.99	179.2241161	19.91	0.04
319.2	182.3192244	19.9	0.043
281	144.7678047	19.89	0.058
0	128.4296876	19.89	0.035
7.077	128.1357235	19.88	0.055
15.25	130.259797	19.87	0.059
25.36	136.9047665	19.85	0.092
77.24	150.7315951	19.82	0.085
120.4	159.7940691	19.81	0.123
156.9	144.586539	19.81	0.203
168.9	132.977145	19.82	0.195
177.5	129.00522	19.84	0.212
190.1	128.6080861	19.85	0.174
209.4	141.0213439	19.83	0.145
219.7	156.470139	19.81	0.158
221.6	160.2933984	19.79	0.184
223.7	164.9592071	19.76	0.225
234.8	187.2558705	19.75	0.204

73.03	154.6993322	20.62	0.22
68.45	160.2703409	20.59	0.208
88.7	144.6317408	20.56	0.246
97.7	144.0764313	20.56	0.292
110.5	149.5886665	20.56	0.244
122.3	162.4877295	20.55	0.326
131.2	179.2008824	20.54	0.425
129.7	175.8426324	20.52	0.359
119.9	159.1288318	20.52	0.226
40.08	157.2063652	20.5	0.101
349.5	132.5941263	20.48	0.091
2.567	128.0966291	20.44	0.147
10.88	128.7888361	20.41	0.194
25.07	136.6443488	20.38	0.164
38.2	153.695204	20.35	0.146
64.29	166.6446813	20.34	0.134
95.2	143.8734887	20.33	0.157
113.2	151.7940443	20.33	0.137
124.1	165.2951784	20.34	0.121
96.3	143.9289489	20.34	0.135
87.3	145.0412401	20.35	0.137
88.6	144.6580519	20.38	0.134
116	154.5187706	20.41	0.102
169.9	132.3480491	20.41	0.08
313.2	192.5757179	20.42	0.086
286.5	147.0253234	20.41	0.068
260.5	148.3346233	20.38	0.086
246.9	162.4877295	20.35	0.181
231.2	186.3168781	20.33	0.274
232.8	192.0626612	20.33	0.309
242.6	169.6432085	20.34	0.27
258.3	149.8904009	20.35	0.193
312.4	192.5757179	20.36	0.131
10.68	128.7401664	20.37	0.079
272	144.0138522	20.36	0.086
267.2	145.0738969	20.36	0.095
0	128.4296876	20.35	0.086
335.2	146.9398193	20.35	0.09
335.4	146.6522652	20.34	0.091
353.9	130.2812262	20.34	0.099
33.33	145.9878988	20.33	0.053
97.6	144.0630334	20.3	0.053
130	176.4945334	20.27	0.151
143	171.1905949	20.26	0.203
150.9	153.8738695	20.28	0.26
163.5	137.2158368	20.29	0.239
178.3	128.7937914	20.26	0.205
187.1	128.1379589	20.22	0.195
192.1	129.120645	20.16	0.219
198.3	131.7648252	20.12	0.257
208	139.4882645	20.08	0.264

67.08	162.2209676	21.14	0.273	47.45	174.6141025	21.64
65.03	165.4096365	21.1	0.281	43.2	163.8037704	21.61
75.28	152.4507863	21.07	0.302	54.62	187.7482227	21.59
81.6	147.6498563	21.06	0.321	58.95	177.0452081	21.58
92.3	143.9815923	21.06	0.35	71.77	156.0939835	21.57
106.4	146.9714914	21.03	0.387	86.4	145.3516416	21.57
121.3	161.0367221	21	0.45	105.3	146.4112828	21.55
117.1	155.7190033	20.98	0.361	95.6	143.8875148	21.54
108.7	148.3346233	21	0.232	80	148.6661534	21.54
86.6	145.2794496	21.01	0.207	68.12	160.7275139	21.54
15.72	130.4654362	20.99	0.131	59.35	176.1673761	21.53
25.51	137.0412346	20.96	0.173	41.27	159.6033455	21.49
26.94	138.4039676	20.93	0.209	32.23	144.4939651	21.44
32.3	144.586539	20.88	0.191	34.52	147.7012213	21.39
39.87	156.7977967	20.85	0.187	46.78	172.7520354	21.35
63.22	168.5136517	20.84	0.188	64.62	166.0882236	21.31
81.4	147.7698413	20.83	0.199	83.1	146.8129126	21.29
91.6	144.0630334	20.82	0.232	91	144.1500472	21.27
94.6	143.8656	20.82	0.199	90.8	144.18259	21.26
84.5	146.1301527	20.81	0.203	75	152.7142528	21.24
82.4	147.1897488	20.83	0.204	62.7	169.4586546	21.24
77.03	150.9055146	20.85	0.207	56.85	181.9495347	21.24
74.87	152.8381285	20.86	0.174	53.38	191.2636014	21.24
59.73	175.3493392	20.86	0.141	41.72	160.5471322	21.23
40.82	158.680321	20.86	0.156	29.21	140.8063658	21.21
354.8	129.9116845	20.85	0.13	359.5	128.5248214	21.2
281	144.7678047	20.82	0.091	317.5	188.0594614	21.19
251.6	156.2898875	20.79	0.104	261	148.0158154	21.16
236.8	182.0726285	20.75	0.205	227.4	174.472931	21.13
239.6	175.6274687	20.72	0.273	233	192.385621	21.08
242.8	169.2750169	20.71	0.251	238.4	178.2808867	21.05
251.5	156.4059988	20.71	0.208	243.4	168.1922038	21.02
266.2	145.4256783	20.71	0.145	251.2	156.7582401	20.98
274.9	143.8675721	20.71	0.097	254.4	153.294267	20.95
274.9	143.8675721	20.7	0.109	247.5	161.6081001	20.91
260.7	148.2055809	20.7	0.116	244.2	166.7980522	20.88
274.3	143.8675721	20.69	0.091	250.3	157.8506504	20.85
286.6	147.0796431	20.68	0.075	268.7	144.6317408	20.83
288.1	147.9535689	20.67	0.087	278.9	144.2717056	20.84
307.8	171.9308504	20.66	0.087	293.4	151.9734986	20.84
339.3	141.5976893	20.65	0.046	333.5	149.5047542	20.84
121.9	161.8982783	20.62	0.059	144	168.6037636	20.81
137.5	188.0594614	20.59	0.148	155.8	146.0858429	20.78
149.2	157.0502204	20.59	0.205	159.5	141.3652945	20.77
151.2	153.3405134	20.6	0.238	161.3	139.3832047	20.78
154.6	147.8201441	20.62	0.267	161.1	139.5939084	20.8
159.9	140.9079226	20.61	0.3	154.7	147.6715655	20.81
165.3	135.6387698	20.59	0.321	151.8	152.2972712	20.81
172.4	130.9739291	20.55	0.351	158.2	142.9209771	20.8
182.6	128.0940314	20.52	0.356	172.8	130.7797169	20.8
192.5	129.2425815	20.5	0.355	180.7	128.3131374	20.81

0.199	14.13	129.8074667	154.0426207	Yes
0.193	9.05	128.403081	152.4648494	Yes
0.208	22.58	134.5887315	158.1531188	Yes
0.198	34.97	148.3764356	159.2697627	Yes
0.194	53.56	190.7395912	161.601758	Yes
0.229	73.84	153.8548804	153.5835952	Yes
0.277	89.9	144.3509966	157.4176095	Yes
0.205	77.58	150.4551377	155.6746574	Yes
0.115	44.15	166.0240078	156.0379873	Yes
0.18	20.78	133.2957079	150.2286044	Yes
0.228	17.65	131.4098719	139.7381854	Yes
0.273	17.67	131.420513	137.9559894	Yes
0.296	28.16	139.6575758	142.1110928	Yes
0.287	43.98	165.6189367	152.6273047	Yes
0.28	45.55	169.4943502	161.0605059	Yes
0.252	53.88	189.8196792	175.0815185	Yes
0.264	67.12	162.1620233	156.2947144	Yes
0.289	75.75	152.0187181	149.7763495	Yes
0.275	70.8	157.2370948	148.1469412	Yes
0.291	58.28	178.5549789	155.9875231	Yes
0.282	46.86	172.9710411	158.3075297	Yes
0.248	38.03	153.3934935	161.0114599	Yes
0.22	29.7	141.3652945	161.1780614	Yes
0.219	18.04	131.6205809	146.7318377	Yes
0.235	9.88	128.5615018	155.3044984	Yes
0.234	350.6	131.9350344	142.9999171	Yes
0.202	334.3	148.2703958	155.0182376	Yes
0.166	309.7	175.8426324	157.8691362	Yes
0.154	270.8	144.18259	168.7606535	Yes
0.169	254.1	153.5922617	173.2575294	Yes
0.16	258.9	149.4409821	162.31722	Yes
0.128	272	144.0138522	153.8206332	Yes
0.105	289.5	148.8712346	154.3375301	Yes
0.06	300.2	159.5258496	152.9303943	Yes
0.042	281.8	145.0090396	155.3635577	Yes
0.05	292.8	151.441929	151.2574527	Yes
0.076	321.8	174.472931	146.6101057	Yes
0.106	330.3	154.96461	144.3503073	Yes
0.132	333.8	149.0360615	143.6346796	Yes
0.138	339.8	141.0213439	146.4223371	Yes
0.131	12.07	129.1117626	143.38674	Yes
0.076	92.5	143.962286	155.6642861	Yes
0.145	162.8	137.8760949	158.6204943	Yes
0.194	171.4	131.490113	146.8146736	Yes
0.227	166.7	134.5279034	142.0261422	Yes
0.241	171.1	131.6535994	136.978315	Yes
0.25	174.3	130.1127622	137.7014771	Yes
0.261	184	128.0230196	140.1134317	Yes
0.298	189.9	128.565657	138.3749213	Yes
0.312	203.7	135.4739906	138.2143542	Yes
0.339	212	144.1921397	145.6983987	Yes

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9/16/2019	01:11	19.39	0.141
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9/16/2019	01:33	19.1	0.16
9/16/2019	01:34	19.1	0.185
9/16/2019	01:35	19.11	0.227
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9/16/2019	01:37	19.13	0.208
9/16/2019	01:38	19.14	0.226
9/16/2019	01:39	19.15	0.241
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9/16/2019	01:41	19.17	0.198
9/16/2019	01:42	19.19	0.24
9/16/2019	01:43	19.19	0.188
9/16/2019	01:44	19.19	0.193

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228.2	176.7757169	19.72	0.205
213.8	146.6522652	19.71	0.259
208	139.4882645	19.71	0.267
204.6	136.2317817	19.71	0.195
212.9	145.3938588	19.71	0.142
227.1	173.6334397	19.69	0.088
257.9	150.2006904	19.68	0.066
239.7	175.4133646	19.66	0.089
232.6	191.31691	19.65	0.165
249.1	159.3928048	19.65	0.144
321.9	174.1916691	19.65	0.111
346.8	134.4523139	19.65	0.151
356.6	129.2740865	19.65	0.196
10.83	128.7765181	19.66	0.205
26.67	138.1379931	19.64	0.217
38.59	154.397023	19.62	0.187
45.08	168.3020117	19.59	0.171
64.52	166.2558721	19.56	0.108
55.92	184.2898303	19.54	0.099
41.92	160.9733845	19.52	0.113
31.33	143.3331537	19.49	0.149
30.58	142.4066138	19.47	0.138
63.35	168.2812053	19.44	0.083
114.5	153.0016129	19.41	0.06
126.3	169.0922914	19.42	0.115
151.3	153.1644801	19.46	0.245
156.6	144.9870876	19.5	0.284
155.2	146.9398193	19.52	0.209
142.1	173.6334397	19.52	0.165
100.1	144.530992	19.52	0.115
62.76	169.3483623	19.51	0.129
42.5	162.2336611	19.49	0.165
38.75	154.6888855	19.46	0.19
37.75	152.9020587	19.43	0.216
40.66	158.3570484	19.4	0.224
44.56	167.0152224	19.38	0.224
40.08	157.2063652	19.36	0.243
43.24	163.8951509	19.33	0.259
39.65	156.3742912	19.31	0.279
49.58	180.9788009	19.3	0.311
54.58	187.8582382	19.3	0.336
55.16	186.2843642	19.3	0.305
55.01	186.6870353	19.3	0.335
58.89	177.1783844	19.3	0.313
56.67	182.3941042	19.31	0.339
62	170.7700049	19.31	0.31
77.96	150.1535983	19.31	0.345
85.4	145.7403654	19.32	0.389
90.3	144.2717056	19.33	0.34
71.64	156.2436245	19.32	0.317

208	139.4882645	20.05	0.271
205.9	137.4017445	20.02	0.286
193.7	129.6477719	20	0.32
192.7	129.3060009	20	0.314
187.9	128.2286266	19.99	0.213
196.8	130.9739291	19.98	0.166
214.7	147.9694733	19.97	0.132
243.8	167.4881453	19.96	0.126
228.3	177.070287	19.95	0.174
210.5	142.3099249	19.94	0.225
223.6	164.7258126	19.95	0.214
274.6	143.8656	19.96	0.196
306.7	169.8286827	19.97	0.215
322.5	172.5339195	19.98	0.238
340.6	140.1309578	20	0.259
351.8	131.2783518	20	0.244
2.999	128.0659934	19.99	0.203
9	128.3944101	19.98	0.168
15.4	130.3244035	19.96	0.127
13.56	129.5974371	19.94	0.135
6.166	128.0638308	19.93	0.145
1.95	128.1530465	19.91	0.183
2.533	128.09935	19.9	0.173
16.65	130.9002842	19.89	0.127
73.72	153.9774628	19.87	0.067
101.4	144.8847909	19.84	0.081
122.6	162.9378699	19.84	0.159
133.1	183.8283932	19.86	0.256
132.6	182.5680669	19.88	0.227
118.9	157.8506504	19.9	0.172
85.8	145.579304	19.91	0.098
58.57	177.89536	19.91	0.144
32.98	145.5033915	19.91	0.197
25.17	136.7336404	19.91	0.217
17.18	131.1648955	19.9	0.272
23.58	135.3761061	19.9	0.316
28.4	139.914364	19.89	0.335
25.7	137.2158368	19.88	0.36
25.73	137.2435843	19.86	0.363
21.87	134.0599067	19.85	0.39
28.83	140.3829895	19.86	0.441
34.63	147.8648639	19.85	0.482
35.92	149.8529579	19.84	0.445
35.6	149.347741	19.81	0.468
38.9	154.96461	19.79	0.46
37.98	153.3052371	19.78	0.47
41.87	160.8664255	19.75	0.43
48.82	178.626842	19.72	0.478
54.32	188.5787404	19.7	0.55
59.5	175.8426324	19.68	0.492
47.23	173.9956398	19.66	0.478

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199.3	132.3480491	20.48	0.373	189.4	128.4665503	20.85
191.6	128.9773778	20.46	0.402	188.5	128.3131374	20.86
192.6	129.2740865	20.45	0.414	186.9	128.1192135	20.87
194.9	130.1127622	20.43	0.317	192.2	129.1505175	20.86
205	136.5821614	20.42	0.255	207.2	138.6639767	20.84
219.4	155.8985853	20.41	0.212	228.2	176.7757169	20.81
235.2	186.1774937	20.4	0.223	233.4	191.2051427	20.8
227.8	175.6124958	20.39	0.238	226.2	171.1905949	20.78
219.7	156.470139	20.39	0.286	219.7	156.470139	20.76
232.9	192.4386028	20.38	0.274	229.3	180.1014276	20.73
262.2	147.3018158	20.38	0.23	251.5	156.4059988	20.71
281.5	144.915171	20.38	0.219	260.9	148.0785655	20.69
304.5	165.9547117	20.37	0.214	287	147.3018158	20.66
318.9	183.2949574	20.36	0.272	302.3	162.4877295	20.63
327.8	159.8738411	20.34	0.295	304.6	166.1216858	20.61
338.3	142.7974765	20.33	0.25	311.1	178.969176	20.6
348.6	133.1749726	20.32	0.215	311.7	192.5757179	20.59
343.8	136.9410396	20.32	0.138	312.7	192.5757179	20.6
345.4	135.5561236	20.3	0.169	319	182.967997	20.6
355.5	129.6477719	20.29	0.183	328.3	158.8429179	20.6
352.4	130.9739291	20.29	0.255	328.9	157.6389568	20.62
354.6	129.9908531	20.3	0.243	328.2	159.0470698	20.65
1.932	128.1549163	20.31	0.183	332.7	150.7894808	20.67
20.09	132.8411795	20.3	0.111	336.6	144.9870876	20.68
78.32	149.8751117	20.28	0.06	44.25	166.2638968	20.67
105.2	146.3632375	20.24	0.092	105.9	146.709616	20.64
116.4	154.9464686	20.22	0.117	124.4	165.7885774	20.61
119.1	158.1007946	20.21	0.093	114.9	153.3930028	20.58
109.8	149.0809751	20.2	0.059	83.6	146.5582885	20.54
96.8	143.9717192	20.19	0.071	46.27	171.3766155	20.51
79.21	149.2162349	20.18	0.118	28.92	140.4824744	20.49
53.36	191.3221193	20.18	0.174	26.45	137.9242887	20.46
42.82	162.944657	20.19	0.221	20.73	133.2620164	20.44
31.43	143.4594665	20.21	0.29	18.93	132.1269626	20.42
34.67	147.9245955	20.23	0.36	24.28	135.9575301	20.41
38.8	154.7805667	20.25	0.411	29.83	141.5160681	20.42
33.02	145.5583263	20.27	0.466	24.8	136.4059155	20.45
30.8	142.6746234	20.28	0.484	19.32	132.3601781	20.49
27.68	139.1541194	20.3	0.537	12.78	129.3318275	20.53
31.17	143.132421	20.31	0.578	13.2	129.4717308	20.56
34.47	147.6271377	20.31	0.627	17.45	131.3044348	20.57
36.3	150.4634796	20.27	0.625	19.93	132.738969	20.56
36.28	150.4310577	20.23	0.634	18.62	131.946526	20.55
38.2	153.695204	20.21	0.641	20.58	133.1616521	20.55
35.47	149.1447945	20.18	0.625	18.36	131.7985429	20.53
40.38	157.7974314	20.14	0.6	31.48	143.5228704	20.49
48.08	176.4242321	20.07	0.653	36.5	150.7894808	20.43
52.35	190.3960734	20.03	0.71	38.72	154.6339854	20.4
56.22	183.5230544	20	0.668	42.07	161.2958546	20.38
49.6	181.0419634	19.98	0.66	37.9	153.1644801	20.37

0.36	214.4	147.5237341	146.978094	Yes
0.387	213.2	145.8069274	144.1597976	Yes
0.405	212.5	144.8528837	135.6886872	Yes
0.393	208.9	140.4603245	133.329578	Yes
0.34	208.4	139.914364	132.7276104	Yes
0.298	216.4	150.6260744	140.4480001	Yes
0.27	228.8	178.5661959	166.5686822	Yes
0.278	236.1	183.8283932	175.779973	Yes
0.343	230.5	183.9540825	176.6481649	Yes
0.415	220.8	158.6397721	161.041377	Yes
0.356	225.9	170.4007875	173.4118871	Yes
0.273	249.4	158.9978987	156.1525965	Yes
0.311	261	148.0158154	149.0581097	Yes
0.246	280.5	144.6317408	151.9392548	Yes
0.214	303.6	164.489319	155.8358964	Yes
0.201	321.1	176.4826621	154.3789068	Yes
0.202	319.3	181.9973899	157.2454118	Yes
0.206	312.2	192.5757179	163.004566	Yes
0.163	296.1	154.6247674	156.1443601	Yes
0.189	297.8	156.5227599	157.7868296	Yes
0.199	305.7	168.0148666	149.1085543	Yes
0.243	313.6	192.5757179	150.5349608	Yes
0.236	317.9	186.6616714	149.2411116	Yes
0.2	320	179.7911758	151.5834125	Yes
0.139	321.5	175.3254093	152.0265504	Yes
0.053	330.3	154.96461	157.0161401	Yes
0.043	148.8	157.837148	153.4024703	Yes
0.091	161.9	138.7650022	157.6631058	Yes
0.072	172.3	131.0235708	154.4050509	Yes
0.028	173.6	130.4120364	151.507078	Yes
0.055	354.1	130.1961465	147.1309555	Yes
0.11	2.3	128.1192135	153.012329	Yes
0.174	0.2	128.3944101	153.0755741	Yes
0.224	359.5	128.5248214	143.2308041	Yes
0.278	9.4	128.4665503	137.6239867	Yes
0.325	15.52	130.3767785	141.5984117	Yes
0.352	16.37	130.765431	146.7983304	Yes
0.411	20.82	133.3227465	141.9418381	Yes
0.477	23.75	135.514993	142.337706	Yes
0.531	18.82	132.0624377	138.1965165	Yes
0.571	14.02	129.7658812	144.7463647	Yes
0.629	15.05	130.1751417	148.9659633	Yes
0.578	10.32	128.6566018	149.5992745	Yes
0.607	12.4	129.2114853	149.5247691	Yes
0.658	14.5	129.9510588	149.7901819	Yes
0.743	22.93	134.8585983	150.3002554	Yes
0.743	30.23	141.986607	154.9886679	Yes
0.79	35.05	148.4980815	160.8984469	Yes
0.843	38.07	153.4642561	166.5626841	Yes
0.838	38.68	154.5609117	163.8988317	Yes
0.842	38.07	153.4642561	163.5819928	Yes

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9/16/2019	02:23	19.04	0.171
9/16/2019	02:24	19.05	0.088
9/16/2019	02:25	19.05	0.058
9/16/2019	02:26	19.03	0.11
9/16/2019	02:27	19.01	0.235
9/16/2019	02:28	19.01	0.273
9/16/2019	02:29	18.98	0.222
9/16/2019	02:30	18.96	0.164
9/16/2019	02:31	18.94	0.153
9/16/2019	02:32	18.92	0.206
9/16/2019	02:33	18.92	0.216
9/16/2019	02:34	18.9	0.267
9/16/2019	02:35	18.88	0.233

43.99	165.6426694	19.31	0.255
39.24	155.5972005	19.29	0.295
45.54	169.4686864	19.27	0.296
42.42	162.0576687	19.25	0.313
38.97	155.0939823	19.24	0.335
36.67	151.0691447	19.22	0.376
39.58	156.2405012	19.21	0.361
39.92	156.8946911	19.19	0.348
33.74	146.5665662	19.19	0.359
32.33	144.6263159	19.19	0.389
32.01	144.205188	19.19	0.397
28.67	140.2073281	19.19	0.36
26.75	138.2163738	19.19	0.395
26.91	138.3742125	19.18	0.378
31.75	143.8681191	19.17	0.362
50.52	184.0203793	19.17	0.33
44.58	167.0640965	19.18	0.404
37.99	153.3228709	19.19	0.398
22.25	134.3398556	19.19	0.395
26.67	138.1379931	19.18	0.286
44.91	167.8776318	19.18	0.286
42.68	162.6322066	19.19	0.258
43.83	165.2643645	19.19	0.379
39.5	156.0881634	19.19	0.35
41.33	159.7279736	19.18	0.367
44.49	166.844548	19.18	0.304
47.44	174.5858392	19.18	0.285
42.82	162.944657	19.18	0.262
65.74	164.2673206	19.18	0.224
33.99	146.9253723	19.18	0.215
20.58	133.1616521	19.16	0.192
19.33	132.3662495	19.13	0.326
16.92	131.0335516	19.09	0.399
29.75	141.4231602	19.06	0.459
14.5	129.9510588	19.04	0.429
24.49	136.1369039	19.03	0.426
23.34	135.1825377	19.04	0.31
25.67	137.1881381	19.05	0.255
8.27	128.2790657	19.05	0.205
0.744	128.306458	19.05	0.135
45.15	168.4778124	19.05	0.093
171.6	131.3833467	19.05	0.089
184.4	128.0167799	19.05	0.239
174.7	129.9510588	19.09	0.308
169.8	132.4088779	19.09	0.311
146.4	162.8998881	19.07	0.238
125.3	167.3143222	19.06	0.261
141.1	176.4826621	19.09	0.311
149.2	157.0502204	19.12	0.342
160	140.7951122	19.14	0.362
166.4	134.7576487	19.14	0.345

33.08	145.6409394	19.62	0.383
25.42	136.9592084	19.59	0.394
27.55	139.0200666	19.57	0.401
27.48	138.9482874	19.57	0.464
21.38	133.7092977	19.56	0.511
21.78	133.9946363	19.56	0.53
20.3	132.977145	19.56	0.487
19.75	132.6254052	19.56	0.458
14.9	130.1127622	19.56	0.484
11.48	128.9445014	19.58	0.529
12.6	129.2740865	19.59	0.494
8.18	128.2663007	19.59	0.475
5.866	128.0472568	19.59	0.458
3.332	128.0473557	19.58	0.48
7.516	128.1819713	19.57	0.462
25.49	137.0229688	19.56	0.442
26.93	138.3940436	19.57	0.513
12.64	129.2868031	19.59	0.529
1.55	128.1975941	19.58	0.505
4.561	128.0160297	19.57	0.32
14.02	129.7658812	19.56	0.391
22.61	134.6116239	19.57	0.309
22.12	134.2432875	19.58	0.466
22.64	134.634561	19.58	0.454
21.03	133.4659472	19.56	0.483
23.63	135.4168019	19.55	0.43
30.06	141.7854017	19.54	0.413
26.54	138.0113873	19.52	0.374
34.78	148.0894791	19.51	0.327
18.94	132.1328558	19.49	0.306
7.331	128.1615606	19.46	0.293
3.63	128.0343478	19.43	0.41
1.315	128.2266954	19.41	0.499
7.533	128.1839143	19.39	0.545
352.5	130.9247236	19.38	0.54
359.4	128.5450401	19.38	0.569
357.8	128.9229071	19.39	0.416
0.044	128.4217907	19.4	0.338
348.4	133.3092177	19.41	0.29
337.5	143.8038178	19.43	0.242
6.272	128.0705275	19.43	0.227
122.6	162.9378699	19.42	0.082
162.2	138.4636301	19.4	0.163
152.9	150.4634796	19.4	0.256
148.6	158.2364782	19.42	0.32
128.3	172.92492	19.41	0.331
105.2	146.3632375	19.43	0.238
114.6	153.0985737	19.45	0.249
125	166.7980522	19.46	0.331
132.3	181.8267455	19.48	0.37
137.4	188.4136263	19.48	0.45

40.67	158.3771782	19.93	0.57	33.15	145.7376421	20.33
33.3	145.9460296	19.89	0.559	25.02	136.5999027	20.29
30	141.7148217	19.87	0.561	21.83	134.030849	20.27
28.95	140.5157445	19.87	0.621	20.75	133.2754788	20.27
27.55	139.0200666	19.87	0.661	20.3	132.977145	20.28
27.35	138.8157288	19.87	0.708	17.85	131.5170823	20.29
24.15	135.8476394	19.89	0.676	11.55	128.9636085	20.34
20.77	133.2889601	19.91	0.641	8.33	128.2877529	20.36
16.32	130.7417077	19.92	0.645	4.533	128.0160875	20.38
13.87	129.7099869	19.94	0.719	1.017	128.2667211	20.38
13.3	129.506112	19.96	0.694	0.45	128.3525391	20.38
9.18	128.4260886	19.97	0.636	357.6	128.9773778	20.38
4.519	128.0161279	19.96	0.554	353	130.6852129	20.37
359.3	128.565657	19.97	0.604	349.2	132.7835393	20.37
4.184	128.0193743	19.95	0.6	352.2	131.0736496	20.34
20.13	132.8669187	19.93	0.582	6.283	128.0712476	20.35
27.27	138.7346347	19.95	0.704	10.37	128.6678978	20.37
15.1	130.1961465	19.97	0.708	2.782	128.0804702	20.36
1.601	128.191565	19.96	0.669	353.2	130.5924354	20.35
356.5	129.3060009	19.95	0.48	347.8	133.7233811	20.35
13.45	129.5584582	19.94	0.501	0.985	128.2712269	20.33
19.93	132.738969	19.93	0.472	8.93	128.3824371	20.33
22.87	134.8119012	19.93	0.591	12.16	129.1385197	20.3
24.68	136.3011826	19.92	0.638	16.29	130.7275257	20.27
22.75	134.7190468	19.88	0.635	15.27	130.2683559	20.22
25.9	137.4017445	19.84	0.616	16.83	130.9887757	20.17
31.37	143.3835997	19.82	0.608	19.78	132.6442281	20.14
26.54	138.0113873	19.79	0.559	17.52	131.3411365	20.1
35.56	149.2851552	19.76	0.469	23.45	135.2708932	20.05
22.22	134.3174969	19.73	0.476	14.15	129.8150819	20
11.78	129.0277855	19.69	0.449	5.931	128.0505496	19.96
8.83	128.365669	19.66	0.55	0.966	128.2739214	19.92
4.43	128.0165635	19.64	0.625	351.1	131.6535994	19.92
2.367	128.113284	19.65	0.677	349.9	132.3480491	19.92
349.8	132.4088779	19.66	0.719	341.2	139.4882645	19.94
358.3	128.7937914	19.68	0.76	347.6	133.8652759	19.95
355.7	129.5761138	19.7	0.565	343.8	136.9410396	19.96
353.9	130.2812262	19.71	0.479	343.4	137.3085186	19.99
349.5	132.5941263	19.73	0.425	342.3	138.3643054	20.01
342.2	138.4636301	19.75	0.368	336.4	145.2575724	20.04
3.519	128.0387879	19.77	0.4	352.7	130.8276183	20.06
40.79	158.6195126	19.77	0.179	10.53	128.7047171	20.05
163.4	137.3085186	19.75	0.124	140.2	179.1755005	20.02
147.4	160.717127	19.72	0.236	138.2	185.6327901	19.98
142.9	171.4565408	19.72	0.297	136.3	192.4386028	19.96
126.8	170.0150814	19.71	0.346	111.1	150.0444711	19.94
100.1	144.530992	19.71	0.326	86.1	145.4633897	19.93
99.8	144.4601404	19.71	0.366	83.4	146.658692	19.92
105.9	146.709616	19.71	0.383	83	146.8652868	19.92
111.6	150.439072	19.72	0.405	94.8	143.8664765	19.92
124.6	166.1216858	19.72	0.482	114.6	153.0985737	19.91

0.749	32.83	145.298385	152.1393628	Yes
0.768	27.13	138.5935973	142.7391877	Yes
0.796	25.6	137.1236975	144.2716243	Yes
0.843	23.98	135.7052571	142.1004873	Yes
0.851	20.82	133.3227465	138.8246476	Yes
0.881	19.13	132.2456921	137.5284568	Yes
0.876	17.13	131.1394068	137.0336602	Yes
0.861	16.25	130.7086768	136.3610972	Yes
0.883	14.87	130.1004005	133.1075048	Yes
0.856	11.47	128.9417879	132.0978626	Yes
0.83	7.967	128.2373607	131.9150573	Yes
0.765	4.2	128.0191197	130.779243	Yes
0.676	3.633	128.0342345	130.5998412	Yes
0.767	5.017	128.0193906	131.158031	Yes
0.756	7.583	128.1896946	131.8665618	Yes
0.758	15.82	130.5104069	142.4983843	Yes
0.853	15.42	130.33309	140.6387525	Yes
0.894	9.33	128.4534679	133.8679517	Yes
0.822	1.317	128.2264385	129.9095777	Yes
0.687	2.566	128.0967084	131.4560227	Yes
0.715	12.18	129.1445104	136.9235417	Yes
0.646	17.57	131.3674847	137.9465442	Yes
0.757	18.85	132.0799809	139.1076107	Yes
0.757	17.77	131.4739849	137.8450835	Yes
0.802	18.1	131.6535994	137.9669846	Yes
0.799	15.27	130.2683559	140.1840452	Yes
0.716	16.9	131.0235708	144.6845279	Yes
0.721	19.7	132.5941263	140.5805389	Yes
0.668	25.38	136.9228923	146.7671481	Yes
0.661	19.88	132.7072726	135.1796159	Yes
0.66	15.9	130.5466922	129.789648	Yes
0.719	7.9	128.2286266	129.0537629	Yes
0.724	357.8	128.9229071	129.5706634	Yes
0.884	360	128.4296876	131.699619	Yes
0.958	355.4	129.6842235	132.4914297	Yes
0.972	358.7	128.6977354	131.2077494	Yes
0.773	355.1	129.7960751	132.0837347	Yes
0.735	356.5	129.3060009	132.5011349	Yes
0.626	356.3	129.3710598	132.383555	Yes
0.645	356.1	129.4377621	137.0538481	Yes
0.609	2.183	128.1299894	136.7089471	Yes
0.346	5.696	128.0394248	141.9369742	Yes
0.089	63.25	168.4598762	150.2848611	Yes
0.115	115	153.4923338	156.0513579	Yes
0.18	138.3	185.293471	167.9667942	Yes
0.215	103.2	145.5015641	160.277185	Yes
0.278	63.98	167.1758896	154.1695662	Yes
0.338	69.4	158.9978987	155.9395934	Yes
0.352	69.18	159.2868776	155.3420106	Yes
0.359	78.98	149.3824992	153.2619811	Yes
0.369	100.1	144.530992	157.3845053	Yes

9/16/2019	02:36	18.86	0.193
9/16/2019	02:37	18.84	0.195
9/16/2019	02:38	18.81	0.192
9/16/2019	02:39	18.79	0.189
9/16/2019	02:40	18.77	0.211
9/16/2019	02:41	18.74	0.143
9/16/2019	02:42	18.72	0.122
9/16/2019	02:43	18.7	0.086
9/16/2019	02:44	18.67	0.112
9/16/2019	02:45	18.65	0.143
9/16/2019	02:46	18.64	0.202
9/16/2019	02:47	18.63	0.243
9/16/2019	02:48	18.61	0.212
9/16/2019	02:49	18.58	0.242
9/16/2019	02:50	18.56	0.213
9/16/2019	02:51	18.53	0.216
9/16/2019	02:52	18.52	0.176
9/16/2019	02:53	18.5	0.184
9/16/2019	02:54	18.49	0.165
9/16/2019	02:55	18.47	0.178
9/16/2019	02:56	18.46	0.168
9/16/2019	02:57	18.44	0.188
9/16/2019	02:58	18.43	0.199
9/16/2019	02:59	18.41	0.191
9/16/2019	03:00	18.41	0.212
9/16/2019	03:01	18.39	0.167
9/16/2019	03:02	18.38	0.161
9/16/2019	03:03	18.37	0.111
9/16/2019	03:04	18.35	0.08
9/16/2019	03:05	18.33	0.048
9/16/2019	03:06	18.32	0.153
9/16/2019	03:07	18.29	0.197
9/16/2019	03:08	18.26	0.222
9/16/2019	03:09	18.23	0.182
9/16/2019	03:10	18.19	0.202
9/16/2019	03:11	18.17	0.217
9/16/2019	03:12	18.17	0.208
9/16/2019	03:13	18.18	0.245
9/16/2019	03:14	18.2	0.27
9/16/2019	03:15	18.23	0.223
9/16/2019	03:16	18.26	0.206
9/16/2019	03:17	18.28	0.165
9/16/2019	03:18	18.31	0.184
9/16/2019	03:19	18.32	0.119
9/16/2019	03:20	18.32	0.107
9/16/2019	03:21	18.33	0.217
9/16/2019	03:22	18.34	0.284
9/16/2019	03:23	18.34	0.199
9/16/2019	03:24	18.35	0.104
9/16/2019	03:25	18.34	0.041
9/16/2019	03:26	18.33	0.044

168	133.5834127	19.1	0.285
172.7	130.8276183	19.06	0.277
186.8	128.1104281	19.02	0.278
194.2	129.8341932	18.98	0.316
198.6	131.9350344	18.94	0.323
218.6	154.4151969	18.91	0.261
231.6	187.7071962	18.87	0.209
242	170.7700049	18.84	0.151
227	173.356455	18.81	0.181
221.6	160.2933984	18.79	0.2
202.4	134.4523139	18.78	0.282
190.2	128.6298991	18.77	0.376
201.8	134.0091067	18.74	0.374
196	130.5924354	18.7	0.387
189.9	128.565657	18.66	0.324
189.9	128.565657	18.64	0.337
201.7	133.9369487	18.63	0.292
213.7	146.5095784	18.61	0.309
196.7	130.9247236	18.59	0.303
204.1	135.8056071	18.57	0.305
203.8	135.5561236	18.56	0.303
187.3	128.1582717	18.54	0.324
191.6	128.9773778	18.52	0.35
197.9	131.5441627	18.51	0.302
208.7	140.2401479	18.51	0.351
215.9	149.8211447	18.49	0.275
206.8	138.2655439	18.47	0.259
212.2	144.4543929	18.46	0.205
239.1	176.7139881	18.44	0.137
306	168.5495467	18.41	0.07
358.2	128.8188092	18.39	0.157
11	128.8188092	18.37	0.217
24.79	136.3971588	18.34	0.329
30.16	141.9035374	18.31	0.337
17.97	131.5822625	18.26	0.306
4.819	128.0169351	18.23	0.287
355.3	129.7210908	18.22	0.293
353.6	130.4120364	18.22	0.338
347.3	134.0817512	18.25	0.356
339.4	141.481181	18.29	0.302
333.5	149.5047542	18.32	0.292
339.2	141.7148217	18.34	0.217
331.4	152.989316	18.37	0.26
339.1	141.8325805	18.38	0.178
321.8	174.472931	18.38	0.145
333.3	149.8211447	18.39	0.289
343.5	137.2158368	18.4	0.378
338	143.1699306	18.4	0.294
334.9	147.3766469	18.4	0.155
340.5	140.2401479	18.4	0.085
358.8	128.6747234	18.4	0.074

141.9	174.1916691	19.44	0.417
144.3	167.8527808	19.39	0.372
159.7	141.1353782	19.33	0.365
171	131.7089882	19.27	0.386
177.4	129.0334674	19.23	0.383
198	131.5986579	19.2	0.345
213.2	145.8069274	19.15	0.288
221.1	159.2522329	19.1	0.247
213.9	146.7956779	19.06	0.263
211.1	143.0451277	19.04	0.257
190.8	128.7691755	19.03	0.293
172.5	130.9247236	19.01	0.431
182.3	128.1192135	18.97	0.461
176.3	129.3710598	18.92	0.476
171	131.7089882	18.86	0.42
171.2	131.5986579	18.84	0.455
180	128.4296876	18.85	0.386
193.4	129.5409061	18.81	0.352
178.4	128.7691755	18.78	0.345
184.7	128.016195	18.76	0.384
181.5	128.2036041	18.74	0.376
170.3	132.1093104	18.72	0.412
171.8	131.2783518	18.71	0.44
175.9	129.506112	18.69	0.414
186.8	128.1104281	18.69	0.427
191.8	129.0334674	18.67	0.338
188.3	128.2833916	18.64	0.299
188.1	128.2552218	18.63	0.246
212.5	144.8528837	18.6	0.172
252.8	154.9464686	18.58	0.078
329.1	157.2454979	18.55	0.095
344.7	136.145503	18.53	0.142
353.5	130.4564935	18.52	0.253
3.265	128.0507576	18.5	0.371
353.5	130.4564935	18.49	0.353
338.2	142.9209771	18.51	0.379
329.5	156.470139	18.56	0.425
326.6	162.4546358	18.6	0.466
318.8	183.6236488	18.65	0.497
311.1	178.969176	18.68	0.426
307.7	171.7349716	18.68	0.416
311.5	179.9029136	18.7	0.311
302.9	163.3950032	18.71	0.321
309.9	176.2761595	18.7	0.271
294.1	152.6196347	18.69	0.226
306.9	170.2024087	18.69	0.36
314.3	192.5757179	18.69	0.497
311.1	178.969176	18.67	0.385
307.2	170.7700049	18.67	0.248
309	174.3585583	18.67	0.149
326.9	161.7949854	18.68	0.137

135.2	189.4785153	19.7	0.499	126.7	169.8286827	19.89
135.9	191.4980279	19.67	0.487	130.9	178.509184	19.86
147.1	161.3606366	19.61	0.489	145.9	164.0325631	19.82
159.6	141.2500277	19.57	0.523	152.3	151.4512959	19.79
169.2	132.7835393	19.56	0.491	160	140.7951122	19.78
190.6	128.7211479	19.56	0.469	178.3	128.7937914	19.79
206.8	138.2655439	19.54	0.396	188.1	128.2552218	19.8
211	142.9209771	19.51	0.318	190.7	128.7449612	19.8
218.8	154.7805667	19.46	0.321	196.3	130.7322487	19.8
216.3	150.4634796	19.43	0.355	196.7	130.9247236	19.81
193.9	129.7210908	19.4	0.423	188	128.2417275	19.83
178.1	128.8442293	19.35	0.564	179.7	128.4855767	19.79
180.4	128.3607156	19.29	0.611	181	128.2691098	19.72
174.9	129.8727295	19.22	0.62	172.4	130.9739291	19.65
170.7	131.8778474	19.15	0.593	167.3	134.0817512	19.63
167.2	134.1548834	19.19	0.657	159.1	141.8325805	19.69
174.3	130.1127622	19.31	0.56	163.9	136.8505178	19.78
182.3	128.1192135	19.27	0.495	175.9	129.506112	19.85
172.3	131.0235708	19.21	0.519	170.9	131.7648252	19.85
177.4	129.0334674	19.16	0.513	175	129.8341932	19.87
176	129.4717308	19.11	0.538	171.4	131.490113	19.88
168.4	133.3092177	19.08	0.602	167.3	134.0817512	19.89
167.9	133.6531567	19.06	0.638	164.9	135.9745142	19.86
171.2	131.5986579	19.04	0.615	169.3	132.7199372	19.8
178.8	128.6747234	19.02	0.555	174.2	130.1542428	19.67
182.4	128.1104281	18.98	0.455	174.1	130.1961465	19.55
179.3	128.565657	18.94	0.41	170.3	132.1093104	19.46
179.9	128.4479207	18.92	0.344	168.9	132.977145	19.37
190.8	128.7691755	18.89	0.246	174.6	129.9908531	19.3
205.2	136.7605319	18.87	0.164	171.3	131.5441627	19.26
316.9	190.2134023	18.84	0.059	304.3	165.6232794	19.21
343.8	136.9410396	18.81	0.127	349.2	132.7835393	19.18
348.4	133.3092177	18.78	0.281	350.3	132.1093104	19.15
356.6	129.2740865	18.76	0.401	349.5	132.5941263	19.1
350.5	131.9926732	18.75	0.446	347.2	134.1548834	19.06
337	144.4543929	18.79	0.44	336.9	144.586539	19.06
328.7	158.0363201	18.86	0.503	326.4	162.8998881	19.1
327.5	160.5047386	18.96	0.619	324.9	166.3842917	19.17
319.7	180.726811	19.07	0.672	319.9	180.1014276	19.26
312.4	192.5757179	19.15	0.608	314.6	192.5757179	19.36
309.8	176.0588609	19.16	0.583	311.1	178.969176	19.43
311.4	179.6677453	19.14	0.476	311.1	178.969176	19.5
303.3	164.0155381	19.11	0.404	307.5	171.3461128	19.45
309.1	174.5674412	19.07	0.345	309.1	174.5674412	19.37
301	160.6159553	19.03	0.298	301.9	161.8982783	19.29
307.8	171.9308504	19	0.445	307.7	171.7349716	19.29
313.7	192.5757179	18.98	0.612	311.9	192.5757179	19.27
313.7	192.5757179	18.96	0.495	311.5	179.9029136	19.24
314.7	192.5757179	18.95	0.365	312.7	192.5757179	19.33
316	192.5757179	18.96	0.306	310.5	177.6027217	19.37
316.5	191.6887683	18.98	0.28	310.9	178.509184	19.41

0.401	116.7	155.273777	164.4712114	Yes
0.437	122.2	162.3392225	166.2053667	Yes
0.445	135.1	189.1957803	156.7669572	Yes
0.394	149.6	156.2786798	142.104637	Yes
0.377	156.3	145.3938588	135.9882024	Yes
0.348	172.7	130.8276183	134.8712825	Yes
0.238	179.8	128.4665503	145.7002879	Yes
0.158	175.5	129.6477719	146.2671896	Yes
0.143	183.2	128.0542255	146.7438347	Yes
0.195	187.8	128.2159189	142.5885296	Yes
0.339	185	128.0191197	129.8406855	Yes
0.559	183.4	128.0440822	128.9857022	Yes
0.683	186.7	128.1020341	129.3720359	Yes
0.712	178.8	128.6747234	129.8969754	Yes
0.714	169	132.9121422	131.8292772	Yes
0.654	169.5	132.5941263	133.749181	Yes
0.59	167.3	134.0817512	132.6823335	Yes
0.56	167.4	134.0091067	133.5369833	Yes
0.643	169.7	132.4701664	130.9904923	Yes
0.661	169.9	132.3480491	131.0075024	Yes
0.723	171.9	131.2265166	131.1896176	Yes
0.773	168.6	133.1749726	132.1667047	Yes
0.834	172	131.1751217	132.2117045	Yes
0.842	171	131.7089882	131.4155716	Yes
0.807	168.2	133.4453614	132.1249807	Yes
0.705	169.4	132.6567999	133.9635973	Yes
0.671	164.3	136.4937737	132.7435353	Yes
0.537	165.3	135.6387698	133.95469	Yes
0.471	164.9	135.9745142	143.2602829	Yes
0.367	162.4	138.2655439	146.0132508	Yes
0.203	160.1	140.6829105	156.5167799	Yes
0.155	135.7	190.9137326	145.1205248	Yes
0.126	35.14	148.6355185	136.1815398	Yes
0.307	4.583	128.0160056	131.9677027	Yes
0.302	0.367	128.3661663	131.3104958	Yes
0.318	350.3	132.1093104	138.4176309	Yes
0.376	342.2	138.4636301	149.1182136	Yes
0.538	335.7	146.2263702	153.1964145	Yes
0.613	326.9	161.7949854	168.0657248	Yes
0.59	321	176.7757169	176.475502	Yes
0.776	316.8	190.5792409	173.3694007	Yes
0.745	315.6	192.5757179	174.5660749	Yes
0.653	305.9	168.3704292	164.0232799	Yes
0.573	309.1	174.5674412	168.3622127	Yes
0.585	304.9	166.6276829	163.2468964	Yes
0.745	307.9	172.1277015	167.1634154	Yes
0.859	313.6	192.5757179	181.5037417	Yes
0.837	312	192.5757179	177.4386912	Yes
0.75	307.4	171.1531239	174.8902423	Yes
0.622	305.6	167.8384137	170.5231119	Yes
0.597	306.4	169.2750169	165.9885356	Yes

9/16/2019	03:27	18.31	0.082
9/16/2019	03:28	18.28	0.063
9/16/2019	03:29	18.26	0.229
9/16/2019	03:30	18.23	0.196
9/16/2019	03:31	18.19	0.195
9/16/2019	03:32	18.17	0.249
9/16/2019	03:33	18.15	0.306
9/16/2019	03:34	18.13	0.211
9/16/2019	03:35	18.11	0.148
9/16/2019	03:36	18.09	0.127
9/16/2019	03:37	18.07	0.215
9/16/2019	03:38	18.05	0.274
9/16/2019	03:39	18.04	0.241
9/16/2019	03:40	18.03	0.206
9/16/2019	03:41	18.02	0.19
9/16/2019	03:42	17.99	0.198
9/16/2019	03:43	17.97	0.187
9/16/2019	03:44	17.95	0.141
9/16/2019	03:45	17.92	0.182
9/16/2019	03:46	17.92	0.261
9/16/2019	03:47	17.91	0.217
9/16/2019	03:48	17.91	0.205
9/16/2019	03:49	17.9	0.276
9/16/2019	03:50	17.91	0.362
9/16/2019	03:51	17.92	0.3
9/16/2019	03:52	17.94	0.329
9/16/2019	03:53	17.96	0.478
9/16/2019	03:54	18.02	0.473
9/16/2019	03:55	18.11	0.395
9/16/2019	03:56	18.18	0.362
9/16/2019	03:57	18.24	0.382
9/16/2019	03:58	18.28	0.41
9/16/2019	03:59	18.31	0.337
9/16/2019	04:00	18.33	0.356
9/16/2019	04:01	18.34	0.209
9/16/2019	04:02	18.34	0.056
9/16/2019	04:03	18.34	0.204
9/16/2019	04:04	18.33	0.131
9/16/2019	04:05	18.32	0.078
9/16/2019	04:06	18.3	0.182
9/16/2019	04:07	18.27	0.096
9/16/2019	04:08	18.22	0.23
9/16/2019	04:09	18.18	0.141
9/16/2019	04:10	18.14	0.176
9/16/2019	04:11	18.11	0.202
9/16/2019	04:12	18.08	0.168
9/16/2019	04:13	18.06	0.13
9/16/2019	04:14	18.04	0.1
9/16/2019	04:15	18.02	0.193
9/16/2019	04:16	18.02	0.182
9/16/2019	04:17	18	0.171

22.75	134.7190468	18.39	0.102
141.3	175.9010607	18.37	0.05
151.1	153.51742	18.35	0.344
151.2	153.3405134	18.35	0.424
153.9	148.8813884	18.31	0.333
162.7	137.9726212	18.28	0.471
156.6	144.9870876	18.27	0.597
170.8	131.8211113	18.25	0.399
165.2	135.7219305	18.22	0.257
159.2	141.7148217	18.19	0.242
148.6	158.2364782	18.16	0.414
144.1	168.3521774	18.14	0.471
145.9	164.0325631	18.12	0.442
124.4	165.7885774	18.1	0.366
69.36	159.0501879	18.08	0.307
52.33	190.3229455	18.05	0.333
50.57	184.1864289	18.01	0.332
54.93	186.9030305	17.99	0.304
48.84	178.687551	17.96	0.347
62.16	170.4662351	17.97	0.428
58.83	177.3119558	17.98	0.436
48.34	177.1885413	17.97	0.381
42.65	162.5655349	17.96	0.452
36.54	150.8550714	17.97	0.416
34.01	146.9542737	17.99	0.478
33.93	146.8388436	18	0.56
25.77	137.280657	18.02	0.69
29.83	141.5160681	18.09	0.632
38.06	153.4465523	18.2	0.569
26.18	137.665686	18.26	0.48
20	132.7835393	18.31	0.537
17.98	131.5877232	18.34	0.588
16.09	130.6339719	18.36	0.525
12.42	129.2176718	18.37	0.399
22.98	134.8976504	18.37	0.26
145.4	165.1937679	18.37	0.103
183.8	128.0284797	18.36	0.223
193.3	129.506112	18.39	0.192
340.3	140.4603245	18.39	0.087
337.8	143.4215034	18.39	0.234
197.3	131.2265166	18.37	0.114
178.9	128.6521114	18.33	0.373
210.5	142.3099249	18.27	0.251
213.3	145.9460296	18.23	0.312
209.7	141.3652945	18.2	0.361
220.9	158.8429179	18.19	0.285
217.6	152.6415793	18.18	0.231
214.3	147.3766469	18.16	0.186
206.7	138.1673439	18.14	0.305
210.2	141.9509679	18.14	0.353
209.9	141.5976893	18.12	0.298

356.3	129.3710598	18.67	0.11
93.4	143.897159	18.65	0.045
125.8	168.1922038	18.63	0.246
130.8	178.2808867	18.62	0.409
134.5	187.5288517	18.59	0.359
138.7	183.9540825	18.54	0.503
134.6	187.8032029	18.56	0.628
141.2	176.1911131	18.56	0.486
134.9	188.6345537	18.52	0.282
133.1	183.8283932	18.48	0.283
129.9	176.2761595	18.44	0.43
125.9	168.3704292	18.39	0.488
126	168.5495467	18.35	0.509
103.8	145.7403654	18.32	0.387
49.12	179.5441361	18.29	0.291
32.16	144.4017251	18.24	0.429
30.73	142.5890102	18.21	0.372
22.17	134.2803308	18.21	0.374
20.75	133.2754788	18.23	0.437
40.63	158.2967186	18.35	0.561
34.42	147.5532407	18.32	0.521
25.19	136.7515627	18.28	0.43
21.43	133.7445423	18.27	0.537
20.26	132.9510877	18.29	0.523
16.91	131.028559	18.29	0.521
11.46	128.9390786	18.3	0.637
8.65	128.3364823	18.31	0.78
14.43	129.9234527	18.39	0.766
14.19	129.8303626	18.51	0.719
5.442	128.0298246	18.56	0.583
2.593	128.0945789	18.59	0.652
357.4	129.0334674	18.62	0.683
0.868	128.2880449	18.62	0.59
352.6	130.8759536	18.62	0.517
358.2	128.8188092	18.63	0.367
40.21	157.4614194	18.63	0.119
155.6	146.3676144	18.61	0.158
168.1	133.514148	18.62	0.192
298.2	156.9963458	18.62	0.073
303.9	164.9703808	18.66	0.227
216.3	150.4634796	18.66	0.131
158.2	142.9209771	18.63	0.354
185.3	128.0255546	18.56	0.349
190.6	128.7211479	18.53	0.393
188.8	128.3607156	18.52	0.432
207.1	138.5635199	18.53	0.357
202.7	134.6805694	18.5	0.333
196.3	130.7322487	18.46	0.258
190.8	128.7691755	18.42	0.324
188.3	128.2833916	18.41	0.384
187.8	128.2159189	18.37	0.352

343	137.6847037	18.97	0.211	325.6	164.7258126	19.37
22.95	134.8742041	18.94	0.1	338.4	142.6746234	19.3
126.2	168.9104738	18.92	0.188	119.4	158.4811294	19.26
129.6	175.6274687	18.9	0.344	135.8	191.2051427	19.23
137.8	187.0083138	18.89	0.448	138.4	184.9559525	19.19
140.6	177.9631823	18.87	0.602	139.1	182.6427564	19.16
132.8	183.0684457	18.88	0.627	138.3	185.293471	19.19
141.4	175.6124958	18.93	0.621	143.6	169.6228634	19.25
136.7	190.9470722	18.94	0.546	136.6	191.31691	19.26
135.7	190.9137326	18.87	0.416	134.4	187.2558705	19.24
131.2	179.2008824	18.81	0.554	130.3	177.156161	19.24
127.2	170.7700049	18.73	0.608	128.7	173.7380647	19.21
128.4	173.1267013	18.67	0.633	128.7	173.7380647	19.26
115.6	154.1009172	18.63	0.489	118.8	157.7265948	19.38
59.56	175.7134067	18.6	0.364	65.02	165.4260208	19.38
32.32	144.6130501	18.52	0.532	27.22	138.6841362	19.19
34.35	147.4500977	18.49	0.509	30	141.7148217	19.16
27.4	138.8665983	18.55	0.557	29.28	140.8853118	19.36
23.61	135.4005083	18.8	0.601	28.44	139.9574928	19.51
36.77	151.2347607	19.08	0.784	35.32	148.912261	19.63
30.44	142.2376762	18.97	0.778	21.09	133.5072479	19.64
21.28	133.6391695	18.84	0.632	8.88	128.3740036	19.61
22.55	134.5658837	18.74	0.763	11.08	128.8391131	19.41
18.82	132.0624377	18.68	0.697	10.64	128.7306251	19.24
14.07	129.7847211	18.64	0.706	6.05	128.0570054	19.13
11.25	128.8831145	18.61	0.796	2.785	128.0802575	19.05
7.766	128.2116878	18.61	0.933	359.9	128.4479207	19
14.64	130.0068886	18.69	0.933	2.15	128.1331257	19.02
17.33	131.2420209	18.77	0.864	6.319	128.0736373	19.07
8.27	128.2790657	18.83	0.759	359.1	128.6080861	19.1
4.801	128.0167877	18.87	0.832	357.5	129.00522	19.12
358.1	128.8442293	18.91	0.852	353	130.6852129	19.15
0.195	128.3952728	18.91	0.829	354.3	130.1127622	19.13
356	129.4717308	18.91	0.676	349.8	132.4088779	19.12
357.7	128.9499403	18.91	0.492	352.4	130.9739291	19.1
19.48	132.4578718	18.9	0.268	3.686	128.0322902	19.09
140.5	178.2639076	18.88	0.117	118.4	157.2370948	19.08
157.6	143.6757156	18.87	0.098	145.4	165.1937679	19.07
311.3	179.4337369	18.87	0.163	325.6	164.7258126	19.07
309.8	176.0588609	18.9	0.265	324.9	166.3842917	19.09
246.3	163.3950032	18.9	0.083	247.8	161.1784514	19.09
167.2	134.1548834	18.87	0.376	165.8	135.2306555	19.06
180.2	128.3944101	18.82	0.446	179	128.6298991	19.02
180.5	128.3444613	18.82	0.539	178.9	128.6521114	18.99
183.5	128.0395961	18.83	0.552	182.8	128.0791994	18.99
199.4	132.4088779	18.86	0.511	195.5	130.3680067	19.01
194	129.7583745	18.9	0.498	194	129.7583745	19.04
193.4	129.5409061	18.89	0.415	194.1	129.7960751	19.06
188.1	128.2552218	18.85	0.458	188.7	128.3444613	19.07
185.2	128.0230196	18.81	0.518	184.1	128.0208746	19.07
182.9	128.0723698	18.73	0.511	182.6	128.0940314	19

0.431	317.1	189.4876488	151.1976543	Yes
0.23	322.1	173.6334397	154.1960974	Yes
0.133	102.6	145.2794496	158.8761353	Yes
0.262	125	166.7980522	173.0504127	Yes
0.357	134.5	187.5288517	179.1806716	Yes
0.465	140.7	177.6640101	172.0393305	Yes
0.459	141.9	174.1916691	175.0687753	Yes
0.435	156.9	144.586539	159.5668245	Yes
0.517	143.2	170.6627261	175.4566385	Yes
0.577	140.5	178.2639076	176.3953451	Yes
0.762	137.6	187.7071962	175.7153755	Yes
0.941	135	188.9144624	174.0290277	Yes
1.001	136.9	190.2134023	173.9320556	Yes
0.825	133.5	184.8594495	161.6431809	Yes
0.524	97.2	144.0138522	164.7495207	Yes
0.486	55.63	185.0420042	160.6127722	Yes
0.461	69.27	159.1682484	155.0217214	Yes
0.409	56.68	182.3693016	156.6609146	Yes
0.541	37.25	152.0412713	147.8724604	Yes
0.776	41.93	160.9948081	157.9809567	Yes
0.998	36.47	150.7403734	150.2700988	Yes
0.97	24.2	135.8898012	142.3686157	Yes
1.121	27.2	138.6639767	139.6758101	Yes
1.019	22.77	134.7344726	135.8667389	Yes
0.978	19.53	132.4886427	133.6626404	Yes
1.137	16.28	130.722807	132.6928202	Yes
1.261	10.73	128.7521833	130.2057862	Yes
1.204	18.19	131.7034292	132.2565929	Yes
1.097	20.15	132.8798163	135.0944779	Yes
0.959	15.22	130.2469905	130.5659306	Yes
1.123	12.97	129.3942184	129.4588689	Yes
1.096	7.452	128.1747584	129.6650782	Yes
1.009	4.686	128.0161442	129.0892392	Yes
0.894	0.901	128.2832468	130.0514962	Yes
0.684	2.607	128.0934859	130.346763	Yes
0.414	14.98	130.1459128	142.6582524	Yes
0.203	57	181.5820782	158.2958349	Yes
0.124	63.9	167.3143222	147.8408131	Yes
0.294	7.854	128.2227322	153.9677904	Yes
0.391	339.9	140.9079226	158.3485919	Yes
0.155	358.3	128.7937914	147.0114485	Yes
0.276	151.1	153.51742	138.8952095	Yes
0.344	185.8	128.0440822	131.0807742	Yes
0.543	190.2	128.6298991	132.0587299	Yes
0.53	198.1	131.6535994	131.499681	Yes
0.461	211.3	143.2953883	140.6957421	Yes
0.435	206.8	138.2655439	137.0208883	Yes
0.43	210.3	142.0699862	135.9031726	Yes
0.548	204.3	135.9745142	131.9021434	Yes
0.58	200.6	133.1749726	131.8906453	Yes
0.587	194.7	130.0310681	131.2022155	Yes

9/16/2019	04:18	17.97	0.132
9/16/2019	04:19	17.96	0.182
9/16/2019	04:20	17.94	0.172
9/16/2019	04:21	17.92	0.107
9/16/2019	04:22	17.89	0.078
9/16/2019	04:23	17.87	0.055
9/16/2019	04:24	17.85	0.062
9/16/2019	04:25	17.83	0.1
9/16/2019	04:26	17.81	0.098
9/16/2019	04:27	17.78	0.073
9/16/2019	04:28	17.75	0.13
9/16/2019	04:29	17.71	0.094
9/16/2019	04:30	17.68	0.072
9/16/2019	04:31	17.66	0.109
9/16/2019	04:32	17.63	0.092
9/16/2019	04:33	17.6	0.091
9/16/2019	04:34	17.56	0.103
9/16/2019	04:35	17.53	0.159
9/16/2019	04:36	17.5	0.111
9/16/2019	04:37	17.47	0.109
9/16/2019	04:38	17.45	0.166
9/16/2019	04:39	17.44	0.193
9/16/2019	04:40	17.44	0.153
9/16/2019	04:41	17.45	0.126
9/16/2019	04:42	17.46	0.074
9/16/2019	04:43	17.46	0.055
9/16/2019	04:44	17.45	0.017
9/16/2019	04:45	17.45	0.031
9/16/2019	04:46	17.42	0.1
9/16/2019	04:47	17.39	0.095
9/16/2019	04:48	17.38	0.033
9/16/2019	04:49	17.37	0.052
9/16/2019	04:50	17.36	0.025
9/16/2019	04:51	17.34	0.063
9/16/2019	04:52	17.32	0.107
9/16/2019	04:53	17.3	0.091
9/16/2019	04:54	17.29	0.031
9/16/2019	04:55	17.28	0.036
9/16/2019	04:56	17.26	0.043
9/16/2019	04:57	17.25	0.078
9/16/2019	04:58	17.23	0.12
9/16/2019	04:59	17.21	0.101
9/16/2019	05:00	17.2	0.106
9/16/2019	05:01	17.19	0.12
9/16/2019	05:02	17.17	0.15
9/16/2019	05:03	17.15	0.073
9/16/2019	05:04	17.13	0.064
9/16/2019	05:05	17.11	0.091
9/16/2019	05:06	17.11	0.133
9/16/2019	05:07	17.11	0.083
9/16/2019	05:08	17.1	0.076

211.4	143.4215034	18.08	0.205
184.7	128.016195	18.06	0.341
178.5	128.7449612	18.04	0.33
175.9	129.506112	18.01	0.298
185.8	128.0440822	17.97	0.212
157.2	144.1921397	17.94	0.128
97.9	144.1045518	17.92	0.095
112.6	151.2692438	17.9	0.146
86.2	145.4256783	17.88	0.181
38.81	154.7989301	17.85	0.186
44.24	166.2398539	17.81	0.261
76.58	151.2864116	17.77	0.205
93.7	143.8833505	17.73	0.147
89.4	144.4601404	17.71	0.172
132	181.0963649	17.7	0.186
201.7	133.9369487	17.67	0.172
227.2	173.9118416	17.64	0.228
227.6	175.0397923	17.62	0.251
207.7	139.1748294	17.6	0.26
225.1	168.3521774	17.59	0.26
256.8	151.0987909	17.58	0.249
263.2	146.7610226	17.56	0.279
264.1	146.3156694	17.57	0.247
278.5	144.1995259	17.58	0.209
282	145.0738969	17.59	0.137
281.9	145.0412401	17.6	0.112
0	128.4296876	17.6	0.04
6	128.0542255	17.59	0.093
34.06	147.0266553	17.58	0.216
41.46	159.9992729	17.55	0.235
13	129.4042052	17.53	0.157
350.4	132.0507649	17.52	0.121
0	128.4296876	17.51	0.07
29.68	141.3421917	17.49	0.079
32.05	144.2574489	17.48	0.158
60.47	173.7997011	17.45	0.169
47	173.356455	17.43	0.153
7.72	128.2060356	17.4	0.155
151.5	152.8150171	17.38	0.047
147.9	159.6656133	17.35	0.128
153.8	149.0360615	17.36	0.25
156.4	145.2575724	17.37	0.152
110.9	149.8904009	17.36	0.185
24.66	136.2838008	17.35	0.063
36.17	150.2533138	17.32	0.129
63.22	168.5136517	17.29	0.073
110.8	149.8141685	17.26	0.085
99.5	144.3933148	17.23	0.146
95.4	143.8796248	17.24	0.2
109.1	148.5988232	17.26	0.156
131.2	179.2008824	17.27	0.168

187.6	128.1916822	18.31	0.254
166.6	134.6039881	18.27	0.335
161.6	139.0715101	18.24	0.384
156.5	145.1219829	18.19	0.309
164.5	136.3185854	18.14	0.251
144.2	168.1018522	18.11	0.117
99.6	144.4151432	18.09	0.092
98.7	144.234728	18.07	0.143
38.67	154.5426658	18.04	0.155
8.34	128.2892146	18.01	0.193
9.35	128.4571859	17.99	0.262
23.77	135.5314299	17.99	0.221
33.59	146.3534576	17.97	0.165
50.76	184.8214466	17.97	0.207
104.9	146.2219614	17.96	0.154
157.4	143.9325875	17.94	0.148
179.7	128.4855767	17.91	0.187
189.9	128.565657	17.89	0.251
174.4	130.0717042	17.92	0.291
182.6	128.0940314	17.94	0.311
220.5	158.0363201	17.92	0.281
229.1	179.4825368	17.89	0.302
234.6	187.8032029	17.89	0.268
253.9	153.7939153	17.89	0.218
262.6	147.0796431	17.88	0.178
251.4	156.5227599	17.88	0.149
217.8	152.989316	17.88	0.092
325.3	165.4295013	17.88	0.103
349.4	132.6567999	17.87	0.175
351.8	131.2783518	17.86	0.215
325.1	165.9045121	17.87	0.189
319.1	182.6427564	17.87	0.161
291.9	150.682349	17.86	0.11
355.8	129.5409061	17.85	0.083
350.9	131.7648252	17.84	0.135
3.967	128.023813	17.84	0.144
346.4	134.7576487	17.84	0.153
334.7	147.6715655	17.85	0.18
106.7	147.1344513	17.84	0.056
138.6	184.28627	17.81	0.035
141	176.7757169	17.79	0.126
132	181.0963649	17.78	0.141
113.4	151.9734986	17.77	0.115
27.24	138.7043185	17.75	0.085
14.48	129.9431504	17.7	0.161
48.75	178.4148558	17.68	0.132
69.28	159.1551025	17.67	0.097
60.66	173.4108763	17.66	0.155
66.53	163.0439058	17.65	0.217
83.5	146.6082498	17.65	0.206
96.5	143.9447385	17.66	0.217

186.3	128.0723698	18.65	0.356	186.5	128.0864199	18.93
168.5	133.2418584	18.59	0.444	173.5	130.4564935	18.88
165	135.8898012	18.53	0.515	169	132.9121422	18.86
160.8	139.914364	18.46	0.475	164.7	136.145503	18.83
164.6	136.2317817	18.39	0.368	168.2	133.4453614	18.77
149.4	156.6625457	18.36	0.266	167.8	133.7233811	18.8
125.4	167.4881453	18.34	0.158	148.5	158.4376272	18.78
126.7	169.8286827	18.32	0.188	132.9	183.3205043	18.67
48.9	178.8700569	18.29	0.132	57.84	179.5740031	18.64
20.18	132.8991978	18.25	0.144	23.44	135.2628355	18.59
16.42	130.7892625	18.23	0.212	13.23	129.4820018	18.54
24.73	136.3447291	18.22	0.266	19.2	132.2876789	18.49
33.52	146.2545616	18.21	0.23	23.19	135.0630405	18.46
39.16	155.4473986	18.21	0.243	35.81	149.6783777	18.44
81	148.0158154	18.22	0.2	61.97	170.8272308	18.42
129.7	175.8426324	18.22	0.152	124.3	165.6232794	18.42
163.3	137.4017445	18.21	0.223	159	141.9509679	18.42
174.5	130.0310681	18.21	0.335	168.7	133.1085592	18.42
169	132.9121422	18.24	0.453	169.7	132.4701664	18.45
177.2	129.0911795	18.28	0.519	176.2	129.4042052	18.51
207.1	138.5635199	18.29	0.416	193	129.4042052	18.51
221.9	160.9305691	18.25	0.394	206.6	138.0697036	18.48
230.9	185.293471	18.24	0.359	211.7	143.8038178	18.47
248.8	159.7940691	18.23	0.278	226.1	170.9259926	18.45
256.5	151.3553066	18.2	0.23	238.6	177.8276612	18.43
251	156.9963458	18.19	0.214	233.3	191.4980279	18.4
232.7	191.6887683	18.18	0.155	218.9	154.96461	18.4
292.4	151.0987909	18.17	0.135	260.9	148.0785655	18.38
324.5	167.3583715	18.16	0.193	300.1	159.3928048	18.35
331.6	152.6415793	18.15	0.222	311.3	179.4337369	18.34
313.3	192.5757179	18.14	0.237	303.2	163.8592137	18.32
311.2	179.2008824	18.14	0.226	305.5	167.6628412	18.32
290.8	149.8141685	18.13	0.154	284.4	145.9959883	18.31
312.5	192.5757179	18.11	0.13	296.2	154.7313813	18.3
333.3	149.8211447	18.11	0.186	313.7	192.5757179	18.34
347.3	134.0817512	18.12	0.218	326.4	162.8998881	18.47
332.6	150.9537025	18.14	0.249	319.4	181.6772422	18.51
325.1	165.9045121	18.16	0.269	315.3	192.5757179	18.49
327.5	160.5047386	18.17	0.138	307.1	170.5798662	18.52
150.8	154.0534207	18.15	0.057	254	153.6927882	18.52
145.4	165.1937679	18.13	0.115	174.3	130.1127622	18.49
137.1	189.4876488	18.11	0.117	162.5	138.1673439	18.45
104.2	145.9089029	18.09	0.065	98.5	144.1995259	18.41
51.17	186.2137989	18.06	0.067	56.86	181.9249525	18.36
24.06	135.7720745	18.03	0.157	5.85	128.0464716	18.32
35.33	148.927709	18	0.137	358.1	128.8442293	18.28
49.77	181.5815251	17.98	0.099	6.231	128.0678852	18.25
53.47	191.0010013	17.95	0.134	35.73	149.5520114	18.2
58.55	177.9405482	17.94	0.233	49.38	180.3507973	18.16
71.87	155.979616	17.94	0.238	54	189.4785153	18.14
80.5	148.3346233	17.96	0.27	52.85	192.250375	18.15

0.491	200.4	133.042617	132.1629185	Yes
0.579	187.3	128.1582717	130.8953613	Yes
0.677	179.8	128.4665503	133.016993	Yes
0.723	176.5	129.3060009	135.9987926	Yes
0.612	178.6	128.7211479	132.5521917	Yes
0.361	168.9	132.977145	147.1314127	Yes
0.269	170.3	132.1093104	149.3109556	Yes
0.299	155.2	146.9398193	159.1185956	Yes
0.113	104.3	145.9522103	160.8729229	Yes
0.124	22.14	134.2580901	137.1016536	Yes
0.18	22.84	134.7886201	137.9513849	Yes
0.187	42.83	162.9670581	143.6834615	Yes
0.169	58.11	178.9460683	150.1000957	Yes
0.193	67.7	161.3209223	159.1456571	Yes
0.187	104.9	146.2219614	158.4766668	Yes
0.25	150.6	154.4151969	154.750129	Yes
0.338	169.8	132.4088779	142.8318017	Yes
0.444	174.5	130.0310681	139.3552289	Yes
0.478	176.8	129.2114853	132.7680655	Yes
0.527	184.4	128.0167799	136.5916747	Yes
0.533	195.6	130.4120364	141.5029745	Yes
0.498	206.4	137.8760949	152.6239854	Yes
0.473	212.5	144.8528837	161.613809	Yes
0.429	226.4	171.7238383	160.0874682	Yes
0.347	233.2	191.7923969	162.625781	Yes
0.347	232.5	190.9470722	168.2010892	Yes
0.285	223.2	163.8037704	158.3752305	Yes
0.228	251.1	156.8769637	149.9076094	Yes
0.264	291.3	150.2006904	151.3270644	Yes
0.292	308.1	172.5243387	159.1754559	Yes
0.308	300.1	159.3928048	162.2272907	Yes
0.244	285.7	146.6082498	161.6330989	Yes
0.223	270.7	144.1995259	143.8243439	Yes
0.212	289.7	149.010542	153.4401478	Yes
0.314	303	163.5489495	156.3936172	Yes
0.392	305.9	168.3704292	153.4351165	Yes
0.349	310.1	176.7139881	163.4918073	Yes
0.368	313.5	192.5757179	165.3867098	Yes
0.277	308.6	173.5332689	160.9134684	Yes
0.161	286.2	146.8652868	159.7126758	Yes
0.081	234.8	187.2558705	161.6748358	Yes
0.071	211.6	143.6757156	159.5369291	Yes
0.074	344.2	136.5821614	145.7108979	Yes
0.138	347	134.3026158	155.4858973	Yes
0.276	350.2	132.1683105	135.2366641	Yes
0.277	353	130.6852129	151.0771317	Yes
0.228	358.8	128.6747234	149.4586809	Yes
0.192	17.31	131.2316803	157.9177768	Yes
0.2	38.78	154.743867	163.9917486	Yes
0.231	44.57	167.0396533	161.5409715	Yes
0.238	52.42	190.6526473	170.8766533	Yes

9/16/2019	05:09	17.1	0.107
9/16/2019	05:10	17.09	0.04
9/16/2019	05:11	17.07	0.083
9/16/2019	05:12	17.05	0.06
9/16/2019	05:13	17.04	0.101
9/16/2019	05:14	17.02	0.116
9/16/2019	05:15	17.01	0.11
9/16/2019	05:16	17	0.128
9/16/2019	05:17	17	0.088
9/16/2019	05:18	16.99	0.04
9/16/2019	05:19	16.97	0.027
9/16/2019	05:20	16.96	0.059
9/16/2019	05:21	16.94	0.09
9/16/2019	05:22	16.92	0.116
9/16/2019	05:23	16.91	0.081
9/16/2019	05:24	16.89	0.091
9/16/2019	05:25	16.88	0.06
9/16/2019	05:26	16.88	0.107
9/16/2019	05:27	16.87	0.076
9/16/2019	05:28	16.86	0.064
9/16/2019	05:29	16.86	0.12
9/16/2019	05:30	16.87	0.148
9/16/2019	05:31	16.88	0.133
9/16/2019	05:32	16.9	0.153
9/16/2019	05:33	16.91	0.142
9/16/2019	05:34	16.91	0.15
9/16/2019	05:35	16.91	0.116
9/16/2019	05:36	16.91	0.11
9/16/2019	05:37	16.9	0.092
9/16/2019	05:38	16.9	0.109
9/16/2019	05:39	16.89	0.055
9/16/2019	05:40	16.87	0.033
9/16/2019	05:41	16.86	0.027
9/16/2019	05:42	16.84	0.058
9/16/2019	05:43	16.82	0.083
9/16/2019	05:44	16.81	0.123
9/16/2019	05:45	16.81	0.11
9/16/2019	05:46	16.81	0.128
9/16/2019	05:47	16.82	0.08
9/16/2019	05:48	16.81	0.052
9/16/2019	05:49	16.8	0.02
9/16/2019	05:50	16.79	0.042
9/16/2019	05:51	16.78	0.092
9/16/2019	05:52	16.78	0.094
9/16/2019	05:53	16.78	0.086
9/16/2019	05:54	16.78	0.043
9/16/2019	05:55	16.78	0.045
9/16/2019	05:56	16.78	0.034
9/16/2019	05:57	16.79	0.023
9/16/2019	05:58	16.78	0.027
9/16/2019	05:59	16.77	0.027

130.8	178.2808867	17.29	0.233
261	148.0158154	17.28	0.054
176.2	129.4042052	17.26	0.099
240.1	174.5674412	17.24	0.053
227.2	173.9118416	17.21	0.076
222.9	163.1241775	17.19	0.141
226.7	172.5339195	17.17	0.142
226.3	171.4565408	17.16	0.151
215.8	149.6625543	17.15	0.146
206	137.4955162	17.14	0.068
0	128.4296876	17.13	0.046
5.762	128.0423315	17.11	0.055
35.37	148.9895781	17.09	0.147
41.82	160.759731	17.07	0.159
54.9	186.9842516	17.05	0.156
58.35	178.3948944	17.03	0.148
108.4	148.1418203	17	0.072
137.4	188.4136263	17.01	0.179
151.1	153.51742	17.04	0.139
126.7	169.8286827	17.04	0.118
104.5	146.0402375	17.06	0.176
113.4	151.9734986	17.1	0.245
123.8	164.8092124	17.14	0.247
125.1	166.9692794	17.18	0.299
143.7	169.3661605	17.21	0.24
146.8	162.0137796	17.2	0.199
133.7	185.382728	17.19	0.155
137.7	187.3568179	17.17	0.136
132.4	182.0726285	17.15	0.125
98.2	144.1500472	17.13	0.148
78.16	149.9980249	17.11	0.077
0	128.4296876	17.09	0.044
201.5	133.7940871	17.07	0.024
226.1	170.9259926	17.04	0.037
258	150.1223115	17.02	0.074
230.9	185.293471	17	0.076
213.5	146.2263702	16.99	0.112
207.7	139.1748294	16.99	0.139
226.5	171.9924951	17	0.071
242.9	169.0922914	16.99	0.042
0	128.4296876	16.97	0.024
335	147.2303008	16.95	0.037
318.6	184.28627	16.93	0.095
310.8	178.2808867	16.93	0.116
311.4	179.6677453	16.93	0.127
327.8	159.8738411	16.94	0.07
280.6	144.6580519	16.96	0.07
0	128.4296876	16.98	0.079
0	128.4296876	17.01	0.057
0	128.4296876	17.02	0.063
0	128.4296876	17.03	0.056

107.2	147.415851	17.67	0.206
119.5	158.6092822	17.64	0.107
126.5	169.4586546	17.62	0.144
187.3	128.1582717	17.59	0.095
203.2	135.0709716	17.55	0.109
197.6	131.3833467	17.51	0.145
202.6	134.6039881	17.48	0.142
200.6	133.1749726	17.45	0.174
191.4	128.9229071	17.44	0.161
186.3	128.0723698	17.42	0.098
210.9	142.7974765	17.41	0.061
334.9	147.3766469	17.39	0.027
350.9	131.7648252	17.37	0.087
1.817	128.167162	17.37	0.105
358.5	128.7449612	17.36	0.114
2.309	128.1184067	17.34	0.131
82.4	147.1897488	17.34	0.078
124.2	165.4588142	17.34	0.146
127.2	170.7700049	17.36	0.143
105.5	146.5088075	17.37	0.122
91.3	144.1045518	17.41	0.12
96.8	143.9717192	17.46	0.116
102.5	145.2440439	17.5	0.132
111	149.967168	17.53	0.248
119.5	158.6092822	17.55	0.29
112.9	151.5291125	17.55	0.309
101.5	144.915171	17.53	0.253
97	143.9919054	17.51	0.233
97.2	144.0138522	17.48	0.21
89.8	144.3719327	17.46	0.165
111.9	150.682349	17.44	0.133
132.4	182.0726285	17.41	0.101
23.5	135.3112579	17.39	0.071
295.5	153.9979779	17.37	0.072
275.9	143.9026392	17.34	0.055
224.9	167.8527808	17.3	0.125
194.9	130.1127622	17.28	0.161
185.6	128.0355004	17.27	0.212
216.6	150.9537025	17.27	0.183
267.3	145.0412401	17.25	0.111
336	145.8069274	17.23	0.047
261.4	147.7698413	17.21	0.037
280.6	144.6580519	17.18	0.102
280.5	144.6317408	17.18	0.131
285.9	146.709616	17.19	0.132
283.5	145.6188708	17.21	0.11
272.5	143.962286	17.22	0.111
288	147.8918251	17.25	0.112
294.3	152.8094541	17.3	0.096
266	145.5015641	17.32	0.102
277.2	144.0138522	17.34	0.106

90.5	144.234728	18	0.267	58.87	177.2228643	18.19
99.8	144.4601404	18.01	0.183	73.17	154.5505049	18.22
114.5	153.0016129	18	0.168	71	156.9963458	18.24
139.5	181.3587702	17.98	0.129	90.6	144.2169051	18.25
165	135.8898012	17.94	0.14	117.7	156.4059988	18.23
177	129.1505175	17.91	0.144	135.5	190.3353042	18.21
184.9	128.0177548	17.87	0.127	151.7	152.4689987	18.17
184	128.0230196	17.83	0.132	156.7	144.8528837	18.14
177.7	128.9499403	17.82	0.125	145.1	165.9045121	18.12
170.6	131.9350344	17.8	0.088	119.4	158.4811294	18.1
171.6	131.3833467	17.79	0.063	124	165.1323684	18.07
0	128.4296876	17.77	0.025	0	128.4296876	18.04
5.931	128.0505496	17.75	0.075	357.4	129.0334674	18.02
11.43	128.9309747	17.74	0.097	1.95	128.1530465	18.01
5.085	128.0205865	17.73	0.105	356.8	129.2114853	18
8.18	128.2663007	17.71	0.12	359.2	128.5866722	18
80.3	148.4657012	17.7	0.07	69.97	158.2648493	17.97
114.2	152.7142528	17.69	0.099	104.6	146.0849588	17.94
117	155.6067462	17.69	0.099	98	144.1192747	17.93
106.9	147.2455367	17.69	0.077	79.65	148.9058669	17.92
86.5	145.3153153	17.7	0.089	54.16	189.02682	17.89
90.2	144.2908609	17.72	0.108	70.4	157.7265948	17.86
95.7	143.8921176	17.75	0.135	83.4	146.658692	17.84
107.7	147.7095994	17.78	0.213	95.7	143.8921176	17.85
119.9	159.1288318	17.79	0.271	105	146.2685776	17.88
124.2	165.4588142	17.78	0.301	113.2	151.7940443	17.91
117.2	155.8318976	17.78	0.269	105.2	146.3632375	17.92
113.8	152.3392627	17.78	0.299	105.3	146.4112828	17.93
112	150.7645356	17.77	0.278	99.7	144.4374183	17.95
91.2	144.1192747	17.78	0.26	88.6	144.6580519	17.97
80.7	148.2055809	17.78	0.208	84.4	146.17582	17.99
68.22	160.5881387	17.78	0.172	79.77	148.8229667	17.99
84.2	146.2685776	17.76	0.152	80.5	148.3346233	17.99
115.3	153.7939153	17.75	0.12	89	144.5555056	17.97
213.5	146.2263702	17.73	0.055	112.6	151.2692438	17.95
181.5	128.2036041	17.7	0.102	147.5	160.5047386	17.92
177.5	129.00522	17.69	0.113	134.1	186.4450707	17.91
179.1	128.6080861	17.69	0.171	149.8	155.8985853	17.92
185.5	128.031795	17.7	0.126	154.3	148.2703958	17.93
188.4	128.2980674	17.66	0.089	158.7	142.3099249	17.93
182.1	128.1379589	17.64	0.047	126.5	169.4586546	17.9
276.1	143.914916	17.61	0.036	117.2	155.8318976	17.88
260.4	148.3999072	17.58	0.073	233.3	191.4980279	17.85
260.9	148.0785655	17.56	0.1	239.9	174.9883145	17.84
269.1	144.530992	17.54	0.106	256.2	151.6168585	17.84
272.1	144.0026586	17.53	0.083	253.7	153.9979779	17.85
257.2	150.7645356	17.52	0.098	260.2	148.5320061	17.84
266.1	145.4633897	17.53	0.102	253.4	154.3086209	17.83
274.9	143.8675721	17.55	0.105	251.9	155.945431	17.82
256.5	151.3553066	17.56	0.152	234.5	188.0789318	17.8
271.1	144.1344398	17.58	0.13	253	154.7313813	17.78

0.238	55.27	185.990983	166.6290626	Yes
0.178	40.45	157.9366111	152.7144708	Yes
0.149	39.09	155.3168066	152.835525	Yes
0.107	36.62	150.986645	155.8576067	Yes
0.086	62.42	169.9777275	154.2512681	Yes
0.076	114.6	153.0985737	153.4183839	Yes
0.06	126.4	169.2750169	151.3799356	Yes
0.092	163.2	137.4955162	143.0005866	Yes
0.118	180.2	128.3944101	140.3668648	Yes
0.071	161.3	139.3832047	139.0734509	Yes
0.046	177.1	129.120645	139.3727048	Yes
0.047	307.2	170.7700049	140.6096717	Yes
0.146	340.4	140.3499361	135.6376713	Yes
0.175	354.5	130.0310681	135.2083964	Yes
0.186	346.2	134.9133063	141.5749182	Yes
0.187	342.1	138.5635199	140.3859588	Yes
0.053	281.5	144.915171	149.3954581	Yes
0.096	176.2	129.4042052	156.4151715	Yes
0.099	185.3	128.0255546	150.4078001	Yes
0.053	190.6	128.7211479	148.2420084	Yes
0.014	0	128.4296876	150.5833225	Yes
0.03	0	128.4296876	145.2784722	Yes
0.057	127.8	171.9308504	154.5069833	Yes
0.117	131.5	179.9029136	157.6882156	Yes
0.177	135.5	190.3353042	164.7416313	Yes
0.181	124.9	166.6276829	159.4846867	Yes
0.131	109	148.5320061	156.2050081	Yes
0.145	105.8	146.658692	155.3515922	Yes
0.152	96.3	143.9289489	153.0434767	Yes
0.181	68.45	160.2703409	147.5139295	Yes
0.157	49.58	180.9788009	155.2081151	Yes
0.16	39.87	156.7977967	155.3422436	Yes
0.125	50.55	184.1199563	149.5657004	Yes
0.057	65.98	163.8904148	157.4327612	Yes
0.028	0	128.4296876	143.9900504	Yes
0.069	181.7	128.180153	154.0069495	Yes
0.112	181.6	128.1916822	143.9962211	Yes
0.173	174.8	129.9116845	136.3257371	Yes
0.134	179.3	128.565657	145.5628091	Yes
0.061	177.1	129.120645	142.7724338	Yes
0.025	0	128.4296876	140.0525833	Yes
0.03	310	176.4945334	154.2482978	Yes
0.079	281.2	144.8253918	162.7335298	Yes
0.106	281.2	144.8253918	158.1609799	Yes
0.142	288.6	148.2698482	154.159012	Yes
0.112	284.3	145.9522103	149.8891117	Yes
0.095	261.5	147.7095994	147.1252958	Yes
0.099	271.4	144.0902707	144.0367588	Yes
0.103	261.5	147.7095994	145.7523489	Yes
0.144	244.5	166.2895033	155.9309987	Yes
0.166	260.2	148.5320061	143.9682734	Yes

9/16/2019	06:00	16.76	0.025
9/16/2019	06:01	16.75	0.055
9/16/2019	06:02	16.75	0.08
9/16/2019	06:03	16.75	0.124
9/16/2019	06:04	16.76	0.119
9/16/2019	06:05	16.8	0.12
9/16/2019	06:06	16.83	0.125
9/16/2019	06:07	16.86	0.137
9/16/2019	06:08	16.87	0.099
9/16/2019	06:09	16.89	0.086
9/16/2019	06:10	16.9	0.086
9/16/2019	06:11	16.91	0.063
9/16/2019	06:12	16.92	0.038
9/16/2019	06:13	16.92	0.027
9/16/2019	06:14	16.91	0.042
9/16/2019	06:15	16.89	0.107
9/16/2019	06:16	16.87	0.161
9/16/2019	06:17	16.85	0.141
9/16/2019	06:18	16.85	0.118
9/16/2019	06:19	16.84	0.073
9/16/2019	06:20	16.82	0.117
9/16/2019	06:21	16.8	0.113
9/16/2019	06:22	16.79	0.08
9/16/2019	06:23	16.77	0.037
9/16/2019	06:24	16.76	0.052
9/16/2019	06:25	16.74	0.092
9/16/2019	06:26	16.72	0.099
9/16/2019	06:27	16.71	0.174
9/16/2019	06:28	16.71	0.258
9/16/2019	06:29	16.7	0.158
9/16/2019	06:30	16.69	0.125
9/16/2019	06:31	16.68	0.136
9/16/2019	06:32	16.67	0.058
9/16/2019	06:33	16.66	0.079
9/16/2019	06:34	16.65	0.123
9/16/2019	06:35	16.64	0.092
9/16/2019	06:36	16.63	0.101
9/16/2019	06:37	16.62	0.058
9/16/2019	06:38	16.62	0.041
9/16/2019	06:39	16.61	0.03
9/16/2019	06:40	16.6	0.076
9/16/2019	06:41	16.6	0.074
9/16/2019	06:42	16.6	0.074
9/16/2019	06:43	16.61	0.098
9/16/2019	06:44	16.63	0.102
9/16/2019	06:45	16.66	0.075
9/16/2019	06:46	16.68	0.048
9/16/2019	06:47	16.7	0.091
9/16/2019	06:48	16.72	0.059
9/16/2019	06:49	16.73	0.089
9/16/2019	06:50	16.76	0.202

0	128.4296876	17.04	0.035
269.5	144.4374183	17.05	0.088
262.5	147.1344513	17.05	0.118
262.6	147.0796431	17.05	0.182
268.2	144.7678047	17.07	0.167
315.9	192.5757179	17.1	0.207
336.1	145.6685335	17.11	0.214
339.9	140.9079226	17.11	0.198
338.3	142.7974765	17.11	0.161
306.7	169.8286827	17.11	0.148
288.6	148.2698482	17.11	0.156
284.7	146.1301527	17.12	0.102
322	173.9118416	17.11	0.091
293	151.6168585	17.1	0.064
37.01	151.6356133	17.09	0.123
50.93	185.3950771	17.07	0.206
54.92	186.9300907	17.04	0.235
64.2	166.7980522	17.01	0.145
61.84	171.0761958	16.99	0.121
124.1	165.2951784	16.97	0.081
182.8	128.0791994	16.96	0.089
197.9	131.5441627	16.94	0.092
180.2	128.3944101	16.92	0.052
173	130.6852129	16.9	0.041
33.45	146.1560171	16.88	0.018
64.29	166.6446813	16.86	0.052
93.9	143.8763375	16.84	0.087
98.7	144.234728	16.86	0.194
103.7	145.6994008	16.88	0.309
105.3	146.4112828	16.88	0.176
86.3	145.3884291	16.86	0.153
90.7	144.1995259	16.84	0.149
99.3	144.3509966	16.83	0.084
184.1	128.0208746	16.81	0.07
171.8	131.2783518	16.79	0.099
211.4	143.4215034	16.77	0.083
237.1	181.3386201	16.76	0.049
265.9	145.540202	16.75	0.037
0.001	128.4295073	16.74	0.031
21.67	133.915396	16.73	0.027
5.097	128.0208163	16.72	0.037
296.5	155.0549457	16.71	0.064
311.3	179.4337369	16.7	0.076
332.7	150.7894808	16.71	0.103
334	148.7274886	16.73	0.113
359.1	128.6080861	16.75	0.143
355.4	129.6842235	16.78	0.14
7.084	128.1364016	16.81	0.118
353.7	130.3680067	16.84	0.085
244.6	166.1216858	16.87	0.082
232.7	191.6887683	16.9	0.171

272.8	143.936624	17.35	0.098
270.6	144.2169051	17.37	0.147
249.9	158.3536654	17.4	0.177
246	163.8592137	17.42	0.204
253.2	154.5187706	17.43	0.193
294.9	153.3930028	17.46	0.257
303.5	164.3305874	17.48	0.317
305.2	167.1413681	17.49	0.321
304.9	166.6276829	17.48	0.273
292.8	151.441929	17.46	0.217
281.9	145.0412401	17.44	0.204
274.3	143.8675721	17.44	0.164
307.1	170.5798662	17.43	0.144
315.5	192.5757179	17.4	0.11
336.6	144.9870876	17.39	0.16
357.6	128.9773778	17.39	0.197
13.18	129.4649041	17.37	0.284
41.53	160.1460811	17.35	0.289
40.7	158.4376272	17.34	0.207
79.14	149.2665433	17.33	0.098
130.8	178.2808867	17.3	0.1
162.4	138.2655439	17.26	0.193
140.7	177.6640101	17.23	0.137
114	152.5255981	17.22	0.065
0	128.4296876	17.2	0.036
74.06	153.6324004	17.18	0.048
87.6	144.9460055	17.17	0.058
84.3	146.2219614	17.16	0.132
83.9	146.4112828	17.17	0.249
87.2	145.0738969	17.17	0.284
72.91	154.8278632	17.17	0.274
79.51	149.0035273	17.15	0.249
83.3	146.709616	17.12	0.163
124.6	166.1216858	17.1	0.119
113.1	151.7051686	17.07	0.171
163.8	136.9410396	17.05	0.156
208	139.4882645	17.03	0.105
281.6	144.9460055	17.01	0.042
327.8	159.8738411	16.99	0.038
340.2	140.5713153	16.99	0.038
264.8	145.9959883	16.97	0.057
266.5	145.3153153	16.95	0.062
264.1	146.3156694	16.94	0.094
280.9	144.7396894	16.95	0.11
301.5	161.3209223	16.97	0.13
327.7	160.0831011	17.03	0.165
325.7	164.4935779	17.08	0.16
330.6	154.4151969	17.13	0.161
308.2	172.724134	17.17	0.137
273.3	143.9026392	17.19	0.137
236.2	183.5738179	17.21	0.268

279.5	144.3933148	17.6	0.09	264	146.3632375	17.77
271	144.1500472	17.62	0.127	262.7	147.0253234	17.79
258.9	149.4409821	17.65	0.179	263.2	146.7610226	17.81
255.1	152.6196347	17.67	0.218	254.6	153.0985737	17.82
257.5	150.5196185	17.68	0.218	255	152.7142528	17.86
285.7	146.6082498	17.71	0.251	272.2	143.9919054	17.9
299.5	158.6092822	17.74	0.346	278.4	144.18259	17.97
309.7	175.8426324	17.76	0.386	294.9	153.3930028	18.04
311	178.7386118	17.76	0.372	300.5	159.929249	18.12
299.4	158.4811294	17.74	0.291	294.9	153.3930028	18.08
288.3	148.0785655	17.71	0.277	286.2	146.8652868	18.04
287	147.3018158	17.71	0.23	283.1	145.4633897	18.13
299.3	158.3536654	17.7	0.219	288.8	148.3999072	18.12
299.4	158.4811294	17.67	0.216	293	151.6168585	18.02
322.8	171.7238383	17.66	0.211	302.3	162.4877295	17.97
349.3	132.7199372	17.65	0.219	323.1	170.9259926	17.95
359.8	128.4665503	17.64	0.313	337.7	143.5482783	17.91
11.39	128.920226	17.63	0.325	350.1	132.2277664	17.87
13.62	129.6189096	17.62	0.265	353.6	130.4120364	17.85
35.46	149.1292379	17.61	0.123	357.8	128.9229071	17.85
133.6	185.120437	17.59	0.034	13.01	129.4075424	17.83
167.7	133.7940871	17.55	0.114	159.5	141.3652945	17.79
173.9	130.2812262	17.52	0.109	167.5	133.9369487	17.74
180.3	128.3773651	17.49	0.052	166.6	134.6039881	17.7
0	128.4296876	17.46	0.043	313.3	192.5757179	17.66
40.29	157.6191914	17.44	0.064	349	132.9121422	17.64
47.44	174.5858392	17.42	0.054	12.56	129.2614354	17.62
84.4	146.17582	17.4	0.098	59.65	175.5202845	17.6
79.28	149.1661829	17.4	0.218	68.97	159.5659012	17.59
82.3	147.2455367	17.4	0.302	75.15	152.5725438	17.59
65.25	165.051272	17.41	0.309	61.91	170.9419382	17.6
62.74	169.3850898	17.42	0.347	56.95	181.7042603	17.63
66.67	162.8322147	17.41	0.272	55.1	186.4450707	17.64
99.6	144.4151432	17.38	0.212	73.27	154.444939	17.62
120.1	159.3928048	17.36	0.231	92.4	143.9717192	17.61
144.4	167.6049563	17.34	0.191	113.2	151.7940443	17.6
167.7	133.7940871	17.31	0.118	127.7	171.7349716	17.59
163.8	136.9410396	17.29	0.079	92.6	143.9532925	17.56
89.9	144.3509966	17.28	0.097	63.8	167.4881453	17.53
89.7	144.3933148	17.28	0.101	63.28	168.4061812	17.52
336.9	144.586539	17.26	0.06	19.87	132.7009472	17.5
277.2	144.0138522	17.25	0.023	352	131.1751217	17.5
283.6	145.6589028	17.23	0.049	305	166.7980522	17.51
309.6	175.6274687	17.22	0.103	322.4	172.8067032	17.52
323.6	169.6228634	17.25	0.147	307.4	171.1531239	17.57
322.7	171.9924951	17.28	0.151	311.5	179.9029136	17.6
322.1	173.6334397	17.33	0.176	306.8	170.0150814	17.63
328.8	157.837148	17.37	0.188	311.5	179.9029136	17.68
306.7	169.8286827	17.41	0.195	291.4	150.2796092	17.73
257.8	150.2796092	17.46	0.195	261.6	147.6498563	17.75
232.5	190.9470722	17.48	0.277	236.8	182.0726285	17.76

0.162	267.5	144.9772949	141.6200318	Yes
0.189	260.8	148.1418203	145.5943029	Yes
0.22	254.4	153.294267	150.9968777	Yes
0.272	247.8	161.1784514	155.5671033	Yes
0.298	252.7	155.0549457	151.5150785	Yes
0.36	276.2	143.9217129	156.0981178	Yes
0.475	292.1	150.8472717	152.727653	Yes
0.567	306	168.5495467	161.1668945	Yes
0.599	309.3	174.9883145	164.6162669	Yes
0.503	304.7	166.2895033	159.8868494	Yes
0.469	300.3	159.6596036	149.5829088	Yes
0.445	304.7	166.2895033	149.8104867	Yes
0.401	306.7	169.8286827	164.2147926	Yes
0.343	303.5	164.3305874	163.7242303	Yes
0.353	313	192.5757179	164.6819973	Yes
0.399	327.2	161.1450705	155.832691	Yes
0.429	339.8	141.0213439	145.8862335	Yes
0.427	351.6	131.3833467	143.8950945	Yes
0.383	352.3	131.0235708	144.113668	Yes
0.255	345.9	135.1505606	145.5528854	Yes
0.086	322.6	172.2625195	158.630117	Yes
0.067	189.4	128.4665503	134.6871277	Yes
0.049	193.7	129.6477719	139.9848734	Yes
0.039	289.9	149.1519294	139.0688187	Yes
0.095	315.2	192.5757179	157.6333656	Yes
0.104	333	150.3016928	152.2220216	Yes
0.087	334	148.7274886	148.2794213	Yes
0.093	4.052	128.0218555	148.0349299	Yes
0.171	45.01	168.1268282	153.7939192	Yes
0.23	55.02	186.6600966	155.5926714	Yes
0.28	39.72	156.5085444	158.5436094	Yes
0.244	37.95	153.2523879	159.5089582	Yes
0.154	35.22	148.7582068	157.819221	Yes
0.107	74.37	153.3238254	149.2652936	Yes
0.084	127.5	171.3461128	151.5388314	Yes
0.097	152.7	150.7894808	150.1102049	Yes
0.056	157.6	143.6757156	154.0063318	Yes
0.055	61.08	172.5642187	148.7889517	Yes
0.096	49.78	181.6134141	156.3511809	Yes
0.063	10.29	128.6498722	143.1872159	Yes
0.113	355.1	129.7960751	136.2200732	Yes
0.117	296.5	155.0549457	146.1228361	Yes
0.146	298.6	157.480505	159.1373733	Yes
0.19	304.3	165.6232794	161.9173243	Yes
0.233	296.6	155.1640479	161.1976892	Yes
0.208	304.8	166.4581678	161.4089527	Yes
0.237	301.8	161.7528127	159.915827	Yes
0.293	309.3	174.9883145	159.0559949	Yes
0.278	296.6	155.1640479	155.6728961	Yes
0.3	282.4	145.2090977	150.6325776	Yes
0.337	264.8	145.9959883	178.855655	Yes

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9/16/2019	06:52	16.86	0.159
9/16/2019	06:53	16.91	0.146
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9/16/2019	06:55	17.02	0.078
9/16/2019	06:56	17.09	0.079
9/16/2019	06:57	17.18	0.065
9/16/2019	06:58	17.27	0.033
9/16/2019	06:59	17.35	0.022
9/16/2019	07:00	17.45	0.068
9/16/2019	07:01	17.56	0.072
9/16/2019	07:02	17.68	0.071
9/16/2019	07:03	17.78	0.076
9/16/2019	07:04	17.87	0.223
9/16/2019	07:05	17.97	0.241
9/16/2019	07:06	18.07	0.289
9/16/2019	07:07	18.17	0.202
9/16/2019	07:08	18.28	0.263
9/16/2019	07:09	18.4	0.282
9/16/2019	07:10	18.52	0.247
9/16/2019	07:11	18.64	0.259
9/16/2019	07:12	18.78	0.231
9/16/2019	07:13	18.92	0.238
9/16/2019	07:14	19.06	0.197
9/16/2019	07:15	19.2	0.301
9/16/2019	07:16	19.34	0.225
9/16/2019	07:17	19.49	0.182
9/16/2019	07:18	19.66	0.187
9/16/2019	07:19	19.84	0.117
9/16/2019	07:20	20.04	0.109
9/16/2019	07:21	20.26	0.069
9/16/2019	07:22	20.51	0.081
9/16/2019	07:23	20.74	0.103
9/16/2019	07:24	20.94	0.092
9/16/2019	07:25	21.14	0.089
9/16/2019	07:26	21.34	0.08
9/16/2019	07:27	21.54	0.116
9/16/2019	07:28	21.7	0.225
9/16/2019	07:29	21.8	0.152
9/16/2019	07:30	21.94	0.108
9/16/2019	07:31	22.08	0.148
9/16/2019	07:32	22.18	0.181
9/16/2019	07:33	22.23	0.18
9/16/2019	07:34	22.23	0.283
9/16/2019	07:35	22.25	0.301
9/16/2019	07:36	22.27	0.296
9/16/2019	07:37	22.28	0.298
9/16/2019	07:38	22.27	0.263
9/16/2019	07:39	22.33	0.325
9/16/2019	07:40	22.43	0.261
9/16/2019	07:41	22.52	0.174

237.6	180.1392477	16.98	0.23
236.2	183.5738179	17.05	0.138
240.7	173.3294827	17.12	0.144
265.6	145.6589028	17.19	0.122
267.6	144.9460055	17.25	0.117
270	144.3305061	17.34	0.131
286.7	147.1344513	17.44	0.106
285.3	146.4112828	17.53	0.072
158	143.1699306	17.62	0.023
160.4	140.3499361	17.72	0.034
143.4	170.1401693	17.83	0.059
133.7	185.382728	17.95	0.079
20.01	132.7899251	18.05	0.085
2.172	128.1310301	18.14	0.259
358.2	128.8188092	18.22	0.315
352.1	131.1241663	18.3	0.336
353.9	130.2812262	18.38	0.288
348.9	132.977145	18.46	0.365
352.3	131.0235708	18.56	0.338
9.31	128.4497658	18.68	0.307
2.484	128.1033509	18.82	0.325
3.749	128.0301217	18.95	0.309
3.34	128.0469612	19.1	0.36
12.63	129.2836178	19.25	0.285
11.1	128.8442293	19.4	0.398
15.98	130.5832523	19.57	0.347
31.02	142.9457552	19.74	0.247
25.51	137.0412346	19.92	0.297
24.68	136.3011826	20.12	0.236
42.43	162.0796296	20.34	0.144
73.77	153.926281	20.59	0.118
124	165.1323684	20.83	0.158
156.7	144.8528837	21.05	0.199
146.7	162.2336611	21.21	0.172
107.2	147.415851	21.37	0.192
123.2	163.8592137	21.54	0.14
139.9	180.1014276	21.72	0.192
164.1	136.6710803	21.86	0.288
170.3	132.1093104	21.94	0.162
175.4	129.6842235	22.09	0.145
160.1	140.6829105	22.24	0.197
162.7	137.9726212	22.34	0.255
173.2	130.5924354	22.36	0.251
178.7	128.6977354	22.34	0.355
173	130.6852129	22.35	0.342
187.1	128.1379589	22.35	0.406
178.5	128.7449612	22.35	0.36
173.2	130.5924354	22.33	0.313
167.7	133.7940871	22.41	0.421
173.3	130.5466922	22.5	0.36
172.3	131.0235708	22.61	0.188

232.8	192.0626612	17.27	0.284
241	172.724134	17.31	0.215
236.8	182.0726285	17.36	0.204
252.4	155.3841351	17.42	0.176
258	150.1223115	17.49	0.195
257.4	150.6007104	17.57	0.204
268.5	144.6848135	17.65	0.178
270.6	144.2169051	17.72	0.137
187	128.1283904	17.79	0.067
140.8	177.3663815	17.85	0.048
111.7	150.5196185	17.94	0.021
96.7	143.962286	18.04	0.03
326.5	162.6767095	18.11	0.099
325.6	164.7258126	18.18	0.3
322.1	173.6334397	18.25	0.388
318.3	185.293471	18.31	0.397
319	182.967997	18.37	0.322
320.9	177.070287	18.43	0.312
321.8	174.472931	18.51	0.379
337.3	144.0620273	18.6	0.387
340.1	140.6829105	18.7	0.383
336.6	144.9870876	18.81	0.387
342.6	138.0697036	18.92	0.392
342.6	138.0697036	19.03	0.427
349	132.9121422	19.15	0.443
347	134.3026158	19.27	0.385
356.4	129.3383252	19.41	0.334
3.314	128.0482524	19.56	0.166
2.025	128.1453925	19.72	0.246
24.3	135.9745142	19.89	0.124
56.5	182.8176355	20.1	0.062
96.2	143.9217129	20.32	0.124
119.9	159.1288318	20.53	0.14
110.7	149.7384694	20.71	0.139
89.3	144.4833098	20.86	0.151
101.1	144.796372	21.02	0.118
109.4	148.802358	21.2	0.178
131.7	180.3767538	21.32	0.313
127.2	170.7700049	21.41	0.229
137	189.8495428	21.56	0.164
131.6	180.1392477	21.68	0.163
137	189.8495428	21.77	0.317
152.5	151.1187431	21.75	0.35
150.5	154.5974305	21.74	0.321
148.5	158.4376272	21.74	0.328
152.7	150.7894808	21.73	0.443
148.5	158.4376272	21.73	0.355
159.9	140.9079226	21.71	0.335
139.3	181.9973899	21.8	0.291
149.6	156.2786798	21.88	0.278
145.7	164.4935779	22.01	0.234

230.7	184.6202228	17.51	0.318	233.9	189.7626755	17.76
224.7	167.3583715	17.54	0.265	226.4	171.7238383	17.77
233.4	191.2051427	17.58	0.257	236.2	183.5738179	17.87
253.2	154.5187706	17.64	0.241	247	162.3392225	17.94
263.1	146.8129126	17.7	0.239	254.7	153.0016129	17.97
265.7	145.6188708	17.78	0.207	260	148.6661534	18.02
272	144.0138522	17.83	0.161	265.2	145.823697	18.07
279.4	144.3719327	17.89	0.154	270.7	144.1995259	18.12
271.9	144.0254863	17.94	0.1	267.4	145.0090396	18.16
235.4	185.6463296	17.99	0.102	245.9	164.0155381	18.21
0	128.4296876	18.05	0.051	244.2	166.7980522	18.28
313	192.5757179	18.12	0.066	276.1	143.914916	18.34
312.3	192.5757179	18.18	0.178	301.1	160.7554768	18.4
324.3	167.8527808	18.24	0.361	313.6	192.5757179	18.44
325.7	164.4935779	18.29	0.47	319.4	181.6772422	18.46
324	168.6037636	18.32	0.512	319.9	180.1014276	18.48
321.6	175.0397923	18.36	0.411	320.4	178.5661959	18.49
328.2	159.0470698	18.4	0.438	320.9	177.070287	18.52
330.3	154.96461	18.46	0.425	323.5	169.8808638	18.57
341.2	139.4882645	18.54	0.45	332.2	151.6188155	18.64
341.8	138.8665983	18.62	0.503	334.9	147.3766469	18.72
339.9	140.9079226	18.71	0.362	335	147.2303008	18.81
347.1	134.2285045	18.8	0.458	340.4	140.3499361	18.91
343.9	136.8505178	18.89	0.413	339.7	141.1353782	19.01
347.9	133.6531567	18.99	0.497	343.8	136.9410396	19.12
349.9	132.3480491	19.09	0.451	344.9	135.9745142	19.23
359.2	128.5866722	19.2	0.275	351.7	131.3306282	19.36
358.2	128.8188092	19.33	0.349	357.2	129.0911795	19.52
9.62	128.5089327	19.47	0.303	352.8	130.7797169	19.68
14.46	129.9352587	19.63	0.149	1.331	128.2246451	19.86
51.42	187.0778653	19.82	0.09	5.734	128.0410776	20.07
85.7	145.6188708	20.05	0.098	74.03	153.6625673	20.35
120	159.2604663	20.28	0.124	103.9	145.7817973	20.61
107	147.3018158	20.47	0.138	105	146.2685776	20.81
86.7	145.2440439	20.63	0.14	75.04	152.6763357	20.96
86.8	145.2090977	20.8	0.108	90.9	144.1660972	21.12
112.3	151.0143979	20.97	0.183	111.2	150.1223115	21.27
119.6	158.7381263	21.08	0.286	131.6	180.1392477	21.34
139.7	180.726811	21.15	0.162	131.4	179.6677453	21.38
127	170.3906689	21.27	0.156	129.2	174.7773583	21.53
133.4	184.5997584	21.39	0.186	134.3	186.9842516	21.65
127	170.3906689	21.46	0.304	133.4	184.5997584	21.7
152.8	150.6260744	21.42	0.279	149.9	155.7099409	21.58
140.9	177.070287	21.41	0.393	144.2	168.1018522	21.55
145.5	164.9592071	21.38	0.404	144.7	166.8688935	21.51
137	189.8495428	21.36	0.441	146.8	162.0137796	21.51
149.7	156.0881634	21.37	0.394	140.9	177.070287	21.53
158.3	142.7974765	21.36	0.386	148.1	159.2522329	21.53
130.8	178.2808867	21.43	0.44	139.8	180.4133026	21.61
142.7	171.9924951	21.49	0.368	150.9	153.8738695	21.66
150.7	154.2338617	21.61	0.243	149.6	156.2786798	21.76

0.387	247.9	161.0367221	181.5243059	Yes
0.332	247.9	161.0367221	171.2833768	Yes
0.401	257.5	150.5196185	176.140138	Yes
0.413	263.3	146.709616	152.9221294	Yes
0.418	270.7	144.1995259	147.8164737	Yes
0.368	272.3	143.9815923	146.6395666	Yes
0.314	273.7	143.8833505	145.1080329	Yes
0.297	279.9	144.4833098	144.7365912	Yes
0.208	277.7	144.0764313	140.8818556	Yes
0.21	263.9	146.4112828	162.7578936	Yes
0.184	269.4	144.4601404	152.0695336	Yes
0.197	277.6	144.0630334	161.9797363	Yes
0.259	297.9	156.6401729	161.0876005	Yes
0.474	315	192.5757179	169.1722119	Yes
0.564	323.6	169.6228634	163.6491865	Yes
0.574	321	176.7757169	168.3797091	Yes
0.509	321.1	176.4826621	168.6675747	Yes
0.501	322	173.9118416	164.0153261	Yes
0.513	325.5	164.9592071	159.0602365	Yes
0.481	333.9	148.8813884	142.5000523	Yes
0.526	336.9	144.586539	139.9232091	Yes
0.427	343.8	136.9410396	139.6192945	Yes
0.438	346.5	134.6805694	135.075135	Yes
0.47	347.1	134.2285045	135.9135444	Yes
0.473	350.5	131.9926732	132.8686482	Yes
0.497	351.7	131.3306282	132.9078119	Yes
0.427	0.667	128.3181971	132.1039156	Yes
0.256	358.9	128.6521114	130.3303174	Yes
0.289	358.6	128.7211479	130.4912745	Yes
0.135	357.1	129.120645	137.0669385	Yes
0.083	4.005	128.0229031	155.9771525	Yes
0.076	89.9	144.3509966	150.5373032	Yes
0.117	112.3	151.0143979	152.0076754	Yes
0.162	97.4	144.0375611	149.916017	Yes
0.126	85.6	145.6589028	147.0956886	Yes
0.124	102.1	145.1070106	148.6275582	Yes
0.203	116.1	154.6247674	156.9330525	Yes
0.28	131.6	180.1392477	167.2128912	Yes
0.212	138	186.3168781	169.9181499	Yes
0.149	123	163.5489495	165.6501486	Yes
0.216	142.1	173.6334397	173.2079216	Yes
0.35	137.4	188.4136263	174.2452435	Yes
0.397	151.3	153.1644801	148.2423348	Yes
0.408	149.4	156.6625457	157.0259702	Yes
0.386	154	148.7274886	153.9356858	Yes
0.449	146.7	162.2336611	158.6048846	Yes
0.429	150	155.5222256	155.1726529	Yes
0.466	149.6	156.2786798	145.9657494	Yes
0.446	142.4	172.8067032	169.4584739	Yes
0.433	155.5	146.5095784	151.840263	Yes
0.339	149.6	156.2786798	152.461674	Yes

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9/16/2019	07:47	23.91	0.168
9/16/2019	07:48	24.15	0.134
9/16/2019	07:49	24.37	0.094
9/16/2019	07:50	24.58	0.098
9/16/2019	07:51	24.82	0.074
9/16/2019	07:52	25.05	0.113
9/16/2019	07:53	25.28	0.061
9/16/2019	07:54	25.51	0.046
9/16/2019	07:55	25.7	0.113
9/16/2019	07:56	25.8	0.174
9/16/2019	07:57	25.94	0.148
9/16/2019	07:58	25.95	0.074
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9/16/2019	08:04	25.38	0.218
9/16/2019	08:05	25.37	0.236
9/16/2019	08:06	25.38	0.183
9/16/2019	08:07	25.4	0.185
9/16/2019	08:08	25.48	0.173
9/16/2019	08:09	25.47	0.183
9/16/2019	08:10	25.55	0.215
9/16/2019	08:11	25.58	0.167
9/16/2019	08:12	25.71	0.262
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9/16/2019	08:14	25.92	0.131
9/16/2019	08:15	26.04	0.217
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9/16/2019	08:17	26.17	0.24
9/16/2019	08:18	26.11	0.273
9/16/2019	08:19	26.15	0.211
9/16/2019	08:20	26.24	0.323
9/16/2019	08:21	26.28	0.264
9/16/2019	08:22	26.36	0.31
9/16/2019	08:23	26.23	0.358
9/16/2019	08:24	26.15	0.403
9/16/2019	08:25	26.18	0.487
9/16/2019	08:26	26.16	0.38
9/16/2019	08:27	26.14	0.457
9/16/2019	08:28	26.12	0.367
9/16/2019	08:29	26.16	0.408
9/16/2019	08:30	26.23	0.368
9/16/2019	08:31	26.31	0.246
9/16/2019	08:32	26.36	0.467

163.4	137.3085186	22.82	0.245
156.4	145.2575724	23.05	0.158
131.8	180.615438	23.33	0.117
89.1	144.530992	23.59	0.093
146.3	163.1241775	23.82	0.168
142.8	171.7238383	24.01	0.155
102.5	145.2440439	24.24	0.133
131	178.7386118	24.43	0.099
115.5	153.9979779	24.61	0.091
107.7	147.7095994	24.85	0.083
124	165.1323684	25.1	0.111
122.9	163.3950032	25.34	0.074
102.6	145.2794496	25.6	0.058
68.5	160.201762	25.83	0.108
61.21	172.3057025	25.89	0.183
50.66	184.4864291	26	0.176
164	136.7605319	26.06	0.068
236.5	182.8176355	26.3	0.167
227.2	173.9118416	26.13	0.324
270	144.3305061	26.02	0.231
268.8	144.6058796	25.82	0.283
271.2	144.1192747	25.67	0.274
273.7	143.8833505	25.57	0.254
261.1	147.9535689	25.54	0.23
262.9	146.9181461	25.55	0.228
291.6	150.439072	25.55	0.264
282.7	145.3153153	25.66	0.234
309.3	174.9883145	25.68	0.23
294.1	152.6196347	25.77	0.264
329.4	156.6625457	25.82	0.226
299.9	159.1288318	25.95	0.341
293.7	152.2469608	25.96	0.24
223.6	164.7258126	26.12	0.127
276.6	143.9532925	26.27	0.244
243.8	167.4881453	26.35	0.247
282.1	145.1070106	26.37	0.274
300	159.2604663	26.33	0.288
315.4	192.5757179	26.35	0.247
295.4	153.8956445	26.44	0.371
297.2	155.8318976	26.48	0.269
321.2	176.1911131	26.58	0.31
330.5	154.5974305	26.43	0.427
313	192.5757179	26.35	0.467
327.6	160.2933984	26.34	0.566
335.2	146.9398193	26.32	0.452
295.1	153.5922617	26.33	0.511
313.8	192.5757179	26.28	0.405
264.3	146.2219614	26.33	0.432
248.2	160.6159553	26.37	0.411
252.1	155.7190033	26.46	0.261
277.1	144.0026586	26.52	0.504

133	183.5738179	22.22	0.155
129.2	174.7773583	22.43	0.169
113.1	151.7051686	22.7	0.078
65.43	164.761021	22.94	0.131
117.5	156.1744239	23.16	0.148
127.3	170.9610894	23.36	0.158
83.7	146.5088075	23.59	0.126
89.9	144.3509966	23.78	0.149
93.3	143.9026392	23.95	0.119
96.1	143.914916	24.16	0.126
114.2	152.7142528	24.38	0.122
109.4	148.802358	24.62	0.116
68.92	159.6327959	24.83	0.102
63.6	167.8384137	25.07	0.12
26.32	137.7992731	25.16	0.199
21.55	133.8296211	25.25	0.187
120.2	159.5258496	25.41	0.081
203.6	135.3923691	25.68	0.139
200.3	132.977145	25.56	0.249
249.8	158.4811294	25.5	0.307
245.7	164.3305874	25.29	0.331
255.2	152.5255981	25.13	0.321
257.2	150.7645356	25.02	0.32
238.6	177.8276612	25	0.293
243.1	168.7295603	24.99	0.273
269.3	144.4833098	24.99	0.305
272.9	143.9289489	25.06	0.272
283.6	145.6589028	25.04	0.272
270.4	144.2529947	25.12	0.319
296.7	155.273777	25.16	0.224
270.8	144.18259	25.27	0.355
268.5	144.6848135	25.28	0.287
207.4	138.8665983	25.45	0.155
251.2	156.7582401	25.59	0.288
219	155.1495646	25.67	0.416
262.9	146.9181461	25.7	0.399
273.2	143.9085582	25.66	0.413
291	149.967168	25.7	0.344
266.9	145.1746105	25.75	0.431
274.3	143.8675721	25.8	0.317
294.4	152.9052402	25.86	0.467
301.5	161.3209223	25.69	0.605
282	145.0738969	25.64	0.646
299.4	158.4811294	25.62	0.627
302.7	163.0894665	25.58	0.514
274.3	143.8675721	25.57	0.743
278.9	144.2717056	25.53	0.603
245	165.4588142	25.59	0.532
231.9	188.7697038	25.67	0.51
229	179.1755005	25.79	0.368
250.2	157.9753829	25.84	0.726

130.9	178.509184	21.8	0.27	134.3	186.9842516	21.97
122.5	162.7870502	22.02	0.208	119.5	158.6092822	22.23
86.7	145.2440439	22.27	0.187	101	144.7678047	22.52
77.95	150.1614335	22.51	0.171	64.36	166.5258715	22.78
91.8	144.0375611	22.74	0.218	108.5	148.2055809	23.05
116.9	155.4951241	22.94	0.179	111.4	150.2796092	23.3
96.6	143.9532925	23.16	0.227	80.2	148.5320061	23.53
100.2	144.5555056	23.34	0.232	87.5	144.9772949	23.69
82.9	146.9181461	23.51	0.187	71.53	156.3710973	23.82
93.2	143.9085582	23.72	0.171	77.59	150.4471021	24.02
108.8	148.3999072	23.93	0.158	95.1	143.8710782	24.21
73.26	154.4554679	24.17	0.089	56.46	182.9178102	24.49
21.58	133.8509995	24.38	0.051	59.67	175.4774848	24.74
71.09	156.8888722	24.63	0.108	45.08	168.3020117	25.03
37.2	151.9563603	24.75	0.166	29.85	141.5393573	25.3
38.34	153.9455834	24.85	0.181	23.22	135.086849	25.43
74.33	153.3633197	24.98	0.084	73.85	153.8447045	25.59
194.7	130.0310681	25.24	0.173	208	139.4882645	25.87
233.5	190.9137326	25.13	0.307	222.8	162.8998881	25.67
246.4	163.2418433	25.03	0.258	240.6	173.5332689	25.54
242.1	170.5798662	24.87	0.313	231.8	188.4136263	25.33
249.3	159.1288318	24.72	0.296	244.1	166.9692794	25.13
254.6	153.0985737	24.62	0.255	250.3	157.8506504	24.96
236.5	182.8176355	24.58	0.258	238.8	177.3788901	24.88
230	182.3192244	24.57	0.238	247.5	161.6081001	24.86
283	145.4256783	24.56	0.268	265.1	145.8660653	24.81
296.8	155.3841351	24.65	0.253	301.8	161.7528127	24.87
273.2	143.9085582	24.63	0.222	280.2	144.5555056	24.84
260.7	148.2055809	24.7	0.254	258.2	149.967168	24.96
299.1	158.1007946	24.71	0.251	288.4	148.1418203	24.99
260	148.6661534	24.8	0.357	259.8	148.802358	25.06
245.6	164.489319	24.8	0.282	247.3	161.8982783	25.08
213.2	145.8069274	24.96	0.143	199.6	132.5319155	25.25
250.6	157.480505	25.1	0.243	234.1	189.1957803	25.39
217.7	152.8150171	25.17	0.283	210.9	142.7974765	25.46
246.1	163.7036852	25.22	0.276	251.9	155.945431	25.55
274	143.8734887	25.21	0.322	264.8	145.9959883	25.57
282.9	145.3884291	25.24	0.309	280.6	144.6580519	25.63
260.2	148.5320061	25.27	0.369	257.8	150.2796092	25.64
281.1	144.796372	25.33	0.287	266.5	145.3153153	25.69
297.4	156.0596058	25.39	0.397	284.7	146.1301527	25.73
304.4	165.7885774	25.24	0.471	296.4	154.9464686	25.53
281.5	144.915171	25.18	0.57	278.3	144.1660972	25.46
300.7	160.201762	25.16	0.578	288.2	148.0158154	25.41
291.6	150.439072	25.13	0.492	289.3	148.733998	25.37
276.1	143.914916	25.14	0.559	269.6	144.4151432	25.34
285.6	146.5582885	25.07	0.531	276.8	143.9717192	25.27
245.5	164.6488595	25.12	0.45	235.8	184.5997584	25.31
229	179.1755005	25.21	0.419	225.5	169.3661605	25.41
227.4	174.472931	25.32	0.295	232.1	189.4876488	25.52
240.8	173.1267013	25.4	0.558	240.5	173.7380647	25.59

0.238	134.8	188.3560461	174.9463636	Yes
0.203	109.4	148.802358	158.0467242	Yes
0.152	101.6	144.9460055	153.4556921	Yes
0.167	94.5	143.8658191	153.9690274	Yes
0.166	100.6	144.6580519	151.2399591	Yes
0.152	110.8	149.8141685	159.6547659	Yes
0.208	88.5	144.6848135	145.7845927	Yes
0.24	98.6	144.2169051	151.3678628	Yes
0.191	89	144.5555056	149.1490732	Yes
0.187	87.9	144.8548646	146.1670081	Yes
0.122	105.7	146.6082498	151.3451713	Yes
0.127	87.4	145.0090396	158.9159358	Yes
0.101	27.34	138.8055721	150.6092604	Yes
0.068	62.1	170.5798662	164.7621852	Yes
0.089	46.08	170.8732327	154.8947852	Yes
0.176	32.76	145.2032531	150.5103471	Yes
0.059	52.53	191.0578122	158.9104436	Yes
0.158	198.5	131.8778474	143.9214369	Yes
0.319	256.7	151.183739	162.3772693	Yes
0.32	238.3	178.509184	163.6191863	Yes
0.371	246.1	163.7036852	166.326729	Yes
0.36	249.6	158.7381263	156.2962221	Yes
0.326	252.4	155.3841351	152.1962491	Yes
0.325	245.8	164.1726616	170.0300834	Yes
0.32	251.2	156.7582401	163.2666542	Yes
0.323	268.6	144.6580519	146.1744355	Yes
0.304	310.2	176.9345288	156.6631481	Yes
0.242	277.6	144.0630334	150.6348629	Yes
0.328	259.7	148.8712346	148.7833226	Yes
0.292	289.2	148.6661534	153.3690182	Yes
0.39	275.1	143.8710782	148.9302023	Yes
0.311	256.3	151.5291125	154.9696968	Yes
0.201	257.5	150.5196185	146.4901745	Yes
0.294	227	173.356455	164.1488546	Yes
0.329	222.9	163.1241775	156.2748762	Yes
0.303	254.3	153.3930028	153.0134552	Yes
0.368	271.2	144.1192747	147.4315552	Yes
0.306	270	144.3305061	155.3839746	Yes
0.365	265.2	145.823697	148.7411135	Yes
0.276	264.2	146.2685776	147.2159469	Yes
0.471	294.2	152.7142528	156.8000729	Yes
0.506	304.2	165.4588142	160.4224426	Yes
0.598	289.8	149.0809751	155.1623716	Yes
0.589	292.8	151.441929	155.6868068	Yes
0.578	296.5	155.0549457	152.8514603	Yes
0.748	279.4	144.3719327	146.0323651	Yes
0.607	283.9	145.7817973	154.6318457	Yes
0.504	252.2	155.6067462	163.3072279	Yes
0.411	233.7	190.3353042	177.6525249	Yes
0.373	245.6	164.489319	172.6688805	Yes
0.603	248.3	160.4771641	161.8639943	Yes

9/16/2019	08:33	26.34	0.318
9/16/2019	08:34	26.47	0.417
9/16/2019	08:35	26.53	0.388
9/16/2019	08:36	26.59	0.296
9/16/2019	08:37	26.67	0.28
9/16/2019	08:38	27	0.305
9/16/2019	08:39	27.23	0.212
9/16/2019	08:40	27.52	0.438
9/16/2019	08:41	27.64	0.387
9/16/2019	08:42	27.78	0.227
9/16/2019	08:43	28	0.316
9/16/2019	08:44	28.14	0.299
9/16/2019	08:45	28.33	0.482
9/16/2019	08:46	28.38	0.33
9/16/2019	08:47	28.4	0.306
9/16/2019	08:48	28.59	0.242
9/16/2019	08:49	28.79	0.461
9/16/2019	08:50	28.95	0.365
9/16/2019	08:51	29.12	0.244
9/16/2019	08:52	29.21	0.289
9/16/2019	08:53	28.99	0.4
9/16/2019	08:54	29.14	0.585
9/16/2019	08:55	29.32	0.459
9/16/2019	08:56	29.39	0.275
9/16/2019	08:57	29.39	0.609
9/16/2019	08:58	29.28	0.373
9/16/2019	08:59	29.4	0.182
9/16/2019	09:00	29.59	0.227
9/16/2019	09:01	29.54	0.457
9/16/2019	09:02	29.59	0.283
9/16/2019	09:03	29.55	0.471
9/16/2019	09:04	29.39	0.363
9/16/2019	09:05	29.32	0.422
9/16/2019	09:06	29.39	0.443
9/16/2019	09:07	29.33	0.272
9/16/2019	09:08	29.48	0.398
9/16/2019	09:09	29.57	0.382
9/16/2019	09:10	29.57	0.403
9/16/2019	09:11	29.67	0.207
9/16/2019	09:12	29.81	0.372
9/16/2019	09:13	29.82	0.495
9/16/2019	09:14	29.83	0.487
9/16/2019	09:15	29.72	0.479
9/16/2019	09:16	29.77	0.557
9/16/2019	09:17	29.72	0.62
9/16/2019	09:18	29.71	0.737
9/16/2019	09:19	29.76	0.525
9/16/2019	09:20	29.88	0.563
9/16/2019	09:21	30.02	0.624
9/16/2019	09:22	30.23	0.543
9/16/2019	09:23	30.38	0.407

293.4	151.9734986	26.49	0.385
236.6	182.5680669	26.61	0.44
324.1	168.3521774	26.69	0.384
313.7	192.5757179	26.77	0.324
336.6	144.9870876	26.89	0.278
49.17	179.6984152	27.25	0.314
94.2	143.869106	27.52	0.274
16.76	130.9541946	27.84	0.416
347.5	133.9369487	28.03	0.384
348.6	133.1749726	28.27	0.232
31.24	143.2200349	28.56	0.325
59.68	175.4561009	28.66	0.339
28.07	139.5621538	28.85	0.485
338.8	142.1896378	28.91	0.328
9.11	128.4136167	29.01	0.298
45.01	168.1268282	29.26	0.23
53.23	191.7039299	29.43	0.561
50.53	184.0535541	29.46	0.422
35.75	149.5835556	29.52	0.235
279.6	144.4151432	29.75	0.291
275.3	143.8763375	29.54	0.411
18.49	131.8721535	29.62	0.632
7.529	128.1834561	29.78	0.489
32.22	144.4807676	29.95	0.257
349.4	132.6567999	30.04	0.641
278	144.1192747	29.96	0.353
170.8	131.8211113	30.09	0.272
196	130.5924354	30.21	0.252
222	161.1450705	30.03	0.511
208.2	139.7001382	30.03	0.354
277.8	144.0902707	29.99	0.507
291.8	150.6007104	29.85	0.345
314.4	192.5757179	29.75	0.42
328.6	158.2364782	29.81	0.435
282.3	145.1746105	29.77	0.31
342.6	138.0697036	29.86	0.363
343	137.6847037	29.99	0.391
296.2	154.7313813	30	0.443
287.3	147.4736091	30.08	0.251
303.9	164.9703808	30.24	0.421
307	170.3906689	30.23	0.559
316.5	191.6887683	30.19	0.438
310.7	178.0537144	30.05	0.491
296.5	155.0549457	30.03	0.626
326.7	162.2336611	29.93	0.732
321.6	175.0397923	29.88	0.816
306.3	169.0922914	29.92	0.544
314.4	192.5757179	30.04	0.644
255.7	152.0640803	30.13	0.644
282.7	145.3153153	30.32	0.574
306.5	169.4586546	30.49	0.452

276.7	143.962286	25.85	0.493
215	148.4219956	25.98	0.419
293.1	151.7051686	26.04	0.557
289.4	148.802358	26.1	0.542
313.7	192.5757179	26.21	0.31
35.79	149.6467387	26.47	0.3
75.08	152.6385117	26.73	0.264
333.9	148.8813884	27.04	0.512
331.9	152.1263931	27.11	0.479
334.7	147.6715655	27.22	0.256
11.56	128.9663543	27.48	0.34
40.74	158.5183654	27.57	0.344
12.9	129.3710598	27.68	0.63
303.8	164.8092124	27.73	0.389
342.1	138.5635199	27.86	0.217
350.3	132.1093104	28	0.403
28.39	139.9035966	28.08	0.588
31.44	143.4721341	27.99	0.48
7.615	128.1934455	28.13	0.219
263.5	146.6082498	28.38	0.345
252.3	155.4951241	28.35	0.375
359.2	128.5866722	28.43	0.668
350.5	131.9926732	28.43	0.489
353.3	130.5466922	28.55	0.38
323.2	170.6627261	28.56	0.655
250.4	157.7265948	28.58	0.359
169.7	132.4701664	28.82	0.281
182.8	128.0791994	28.97	0.46
191.7	129.00522	28.88	0.574
181.2	128.2417275	28.94	0.346
257.3	150.682349	28.95	0.586
266.2	145.4256783	28.9	0.419
289.4	148.802358	28.85	0.463
293.4	151.9734986	28.92	0.471
268.6	144.6580519	28.96	0.438
316.3	192.4386028	29.06	0.436
315.2	192.5757179	29.08	0.473
277.6	144.0630334	29.11	0.556
262.4	147.1897488	29.32	0.325
284.6	146.0849588	29.48	0.515
290.6	149.6633025	29.47	0.768
287.6	147.6498563	29.48	0.629
287	147.3018158	29.33	0.73
282.2	145.1405816	29.32	0.799
304.3	165.6232794	29.21	0.923
303.1	163.7036852	29.16	1.014
291.6	150.439072	29.22	0.676
290	149.2234061	29.36	0.804
231	185.6327901	29.47	0.65
266.3	145.3884291	29.68	0.752
281.1	144.796372	29.84	0.582

269.9	144.3509966	25.42	0.472	265.6	145.6589028	25.65
217.3	152.1263931	25.54	0.526	209.2	140.7951122	25.75
280.3	144.580468	25.61	0.448	276.7	143.962286	25.81
291.5	150.3590693	25.67	0.441	283.9	145.7817973	25.88
313.7	192.5757179	25.75	0.311	303.2	163.8592137	26.01
39.2	155.5222256	25.99	0.338	22.12	134.2432875	26.31
65.58	164.5211623	26.24	0.23	36.77	151.2347607	26.61
331.7	152.4689987	26.51	0.481	333	150.3016928	26.86
334.7	147.6715655	26.55	0.464	325	166.1438025	26.81
325.1	165.9045121	26.62	0.286	322.2	173.356455	26.89
21.96	134.1255719	26.82	0.327	356.1	129.4377621	27.13
39.59	156.2595858	26.87	0.38	9.18	128.4260886	27.24
13.07	129.4276518	26.95	0.684	3.046	128.0631004	27.25
285.4	146.4598058	26.96	0.432	295.7	154.2044642	27.13
323.6	169.6228634	27.06	0.361	325.3	165.4295013	27.27
346.7	134.5279034	27.2	0.372	353.1	130.6386087	27.36
36.67	151.0691447	27.25	0.671	27.02	138.4835628	27.37
41.52	160.1250774	27.14	0.565	26.78	138.2458591	27.28
7.343	128.1628438	27.28	0.314	341.9	138.7650022	27.41
249.9	158.3536654	27.53	0.338	254.1	153.5922617	27.68
236.3	183.3205043	27.58	0.404	246.7	162.7870502	27.73
359.5	128.5248214	27.67	0.741	348.6	133.1749726	27.82
355.7	129.5761138	27.62	0.625	334.9	147.3766469	27.74
350.2	132.1683105	27.72	0.295	343.5	137.2158368	27.88
327	161.577273	27.75	0.723	316.2	192.5757179	27.82
264.1	146.3156694	27.77	0.478	256.7	151.183739	27.87
193.8	129.6842235	27.96	0.288	182.4	128.1104281	28.08
208	139.4882645	28.12	0.317	202	134.1548834	28.25
189.8	128.5450401	28.11	0.58	197.3	131.2265166	28.17
180.3	128.3773651	28.19	0.431	168.5	133.2418584	28.25
252.9	154.8386144	28.23	0.724	249.6	158.7381263	28.28
260	148.6661534	28.22	0.522	257.9	150.2006904	28.3
283.3	145.540202	28.19	0.576	276.9	143.9815923	28.27
301.4	161.1784514	28.26	0.52	284.1	145.8660653	28.31
269.7	144.3933148	28.33	0.406	268.8	144.6058796	28.42
319.9	180.1014276	28.44	0.477	311.3	179.4337369	28.5
323.6	169.6228634	28.48	0.483	303.9	164.9703808	28.56
281.2	144.8253918	28.5	0.619	275.1	143.8710782	28.56
261.8	147.531862	28.68	0.296	228.8	178.5661959	28.76
289.4	148.802358	28.84	0.505	274.9	143.8675721	28.91
293.8	152.3392627	28.86	0.776	280.8	144.7120259	28.89
291.9	150.682349	28.88	0.597	288.6	148.2698482	28.93
287.3	147.4736091	28.75	0.769	279.5	144.3933148	28.76
289.6	148.9406289	28.78	0.775	280.3	144.580468	28.81
312.3	192.5757179	28.71	1.01	298.1	156.8769637	28.69
304.6	166.1216858	28.65	1.128	292	150.7645356	28.58
295	153.4923338	28.74	0.703	283.8	145.7403654	28.7
291.5	150.3590693	28.87	0.909	283.9	145.7817973	28.8
230.5	183.9540825	28.94	0.794	230.9	185.293471	28.86
262.9	146.9181461	29.12	0.751	263.2	146.7610226	29.02
277.2	144.0138522	29.27	0.508	271.1	144.1344398	29.16

0.49	269.5	144.4374183	146.0766204	Yes
0.471	221.6	160.2933984	156.8409932	Yes
0.493	277.2	144.0138522	150.5227904	Yes
0.423	297.4	156.0596058	158.7157096	Yes
0.222	311.8	192.5757179	177.314691	Yes
0.242	37.79	152.9718473	154.4165029	Yes
0.225	21.17	133.5625831	149.1652248	Yes
0.539	330.4	154.7805667	147.4773682	Yes
0.53	338.5	142.5524154	148.486225	Yes
0.262	334.4	148.1195561	153.6454122	Yes
0.388	3.878	128.0261646	132.7551776	Yes
0.446	29.94	141.6444673	152.0609216	Yes
0.758	11.53	128.9581291	131.076419	Yes
0.487	298.4	157.2370948	152.980043	Yes
0.356	317.4	188.4136263	158.0886255	Yes
0.589	355.7	129.5761138	138.9957529	Yes
0.708	35.35	148.9586281	154.0237724	Yes
0.531	43.55	164.6095507	158.101235	Yes
0.281	348.2	133.4453614	135.6300417	Yes
0.327	258.7	149.5886665	150.5115973	Yes
0.344	251.8	156.0596058	160.3077244	Yes
0.837	357.2	129.0911795	130.2499598	Yes
0.641	348	133.5834127	134.1424606	Yes
0.471	338	143.1699306	137.5163075	Yes
0.805	326.7	162.2336611	163.9412356	Yes
0.49	266.7	145.2440439	148.9178644	Yes
0.345	209.2	140.7951122	132.5762083	Yes
0.541	223.5	164.4935779	139.3616721	Yes
0.663	197.7	131.436508	136.271671	Yes
0.512	190.1	128.6080861	131.6338351	Yes
0.78	258.5	149.7384694	151.617566	Yes
0.608	257.5	150.5196185	149.0825702	Yes
0.624	282.1	145.1070106	155.2013762	Yes
0.607	294	152.5255981	153.9560183	Yes
0.521	286.8	147.1897488	145.2043211	Yes
0.528	320	179.7911758	173.9669293	Yes
0.509	315.2	192.5757179	171.4858767	Yes
0.747	279.8	144.4601404	146.390205	Yes
0.416	237.4	180.615438	160.2753708	Yes
0.602	281.6	144.9460055	149.7342551	Yes
0.954	296.5	155.0549457	154.4320412	Yes
0.762	294.2	152.7142528	158.2010149	Yes
0.949	293.7	152.2469608	153.893883	Yes
0.971	290.5	149.5886665	148.6610581	Yes
1.233	308.1	172.5243387	169.9667922	Yes
1.313	296.7	155.273777	162.1806952	Yes
0.752	288.7	148.3346233	153.4197372	Yes
1.043	285.9	146.709616	156.9299213	Yes
0.789	240.6	173.5332689	176.0955386	Yes
0.926	266.4	145.3516416	145.946911	Yes
0.727	278.8	144.2529947	149.3312627	Yes

9/16/2019	09:24	30.47	0.635
9/16/2019	09:25	30.54	0.575
9/16/2019	09:26	30.7	0.686
9/16/2019	09:27	30.8	0.75
9/16/2019	09:28	30.71	0.84
9/16/2019	09:29	30.65	0.771
9/16/2019	09:30	30.65	0.794
9/16/2019	09:31	30.69	0.647

290.5	149.5886665	30.61	0.731
291.1	150.0444711	30.65	0.649
319.3	181.9973899	30.81	0.811
282.8	145.3516416	30.88	0.875
278.6	144.2169051	30.8	0.952
286.5	147.0253234	30.73	0.923
284.5	146.0402375	30.68	0.924
289.5	148.8712346	30.72	0.751

265.5	145.6994008	29.97	0.806
269.2	144.5069269	30.07	0.815
291.9	150.682349	30.23	0.958
258	150.1223115	30.3	1.151
251.9	155.945431	30.23	1.164
266.7	145.2440439	30.17	1.282
261.9	147.4736091	30.09	1.097
270	144.3305061	30.15	0.882

257.9	150.2006904	29.41	0.824	254.4	153.294267	29.31
267.9	144.8548646	29.55	0.831	262.6	147.0796431	29.43
285.5	146.5088075	29.71	0.976	276.9	143.9815923	29.57
252.9	154.8386144	29.81	1.073	247.5	161.6081001	29.62
247.5	161.6081001	29.75	1.106	241.2	172.3255294	29.54
263.9	146.4112828	29.69	1.258	257.9	150.2006904	29.5
258.6	149.6633025	29.6	1.094	254.6	153.0985737	29.41
265.9	145.540202	29.65	0.86	259.7	148.8712346	29.46

0.94	259.7	148.8712346	149.5308519	Yes
1.004	275.5	143.8833505	146.0738512	Yes
1.132	281.8	145.0090396	153.6358357	Yes
1.408	256.4	151.441929	152.6725193	Yes
1.312	248.5	160.201762	158.8595455	Yes
1.61	263.8	146.4598058	147.0682293	Yes
1.324	263.1	146.8129126	148.6177271	Yes
1.103	268.4	144.7120259	146.4650406	Yes

Chemical:
MRID:
PC Code:
Plot:
Guideline:

Plot soybean
Sampling Period
1
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The data points from 0.15 m for period 1 and 0.9 m for period 7 were excluded as outliers by the study authors (Appendix
The reviewer excluded the data point from 0.9 m for period 7.

Dicamba DGA and S-metolachlor
50958202
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

DTG	Air Concentrations (µg/m³) at He		
	0.45	0.63	0.85
9/9, 10:07 - 14:10	0.023560153	0.016751346	0.014857525
9/9, 14:13 - 17:07	0.027685493	0.024271845	0.023338792
9/9-10, 17:09 - 8:39	0.006827771	0.007928766	0.005777027
9/10, 8:42 - 17:02	0.013698607	0.007594942	0.007196144
9/10-11, 17:05 - 8:35	0.002765856	0.002101541	0.001998624
9/11, 8:37 - 17:01	0.009391763	0.006316982	0.007623467
9/11-12, 17:05 - 8:34	0.003026696	0.002372057	0.002087327
9/12, 8:35 - 16:57	0.006378834	0.005518807	0.004905875
9/12-13, 17:01 - 8:33	0.00358614	0.002819004	0.002549999
9/13, 8:36 - 17:03	0.004283948	0.003629109	0.003044514
9/13-14, 17:06 - 8:38	0.001501855	0.00139413	0.001142589
9/14, 8:40 - 16:57	0.001452775	0.001431181	0.001278685
9/14-15, 17:01 - 8:32	0.001749913	0.001501189	0.001249749
9/15, 8:34 - 17:03	0.003111449	0.003044122	0.002232128
9/15-16, 17:06 - 8:32	0.002994615	0.002623428	0.001970653

III, Appendix B, p. 488 of the study report).

ights (m)		Regressed Logarithmic Profile Quality		
1.2	1.8	m	b	r^2
0.013070691	0.011064367	-0.008304556	0.014776318	0.879029588
0.014739512	0.015152834	-0.010063397	0.019723508	0.883345865
0.004100453	0.003445509	-0.003086781	0.0052128	0.805511777
0.007601743	0.005920101	-0.00449632	0.007815129	0.64051755
0.001697826	0.001676189	-0.000744949	0.001950724	0.831527508
0.005632443	0.00419024	-0.003277131	0.006203016	0.80305525
	0.002417884	-0.000345908	0.002403759	0.26779162
0.004239607	0.003543442	-0.002027546	0.004652534	0.993602696
0.001739519	0.00111987	-0.001761105	0.002132922	0.988746935
0.002638071	0.002274385	-0.001453518	0.002984189	0.96925303
0.000752634	0.000583944	-0.000723052	0.000980606	0.966093699
0.000855146	0.000797347	-0.000550941	0.001091079	0.89360499
0.000893541	0.000502011	-0.00091038	0.001060394	0.995829979
0.001854215	0.001555631	-0.001247411	0.002196609	0.933494355
0.001283639	0.000730108	-0.001713483	0.001696723	0.989928678

Note: Measured air concentrations should be corrected for low field spike recoveries <90 percent.

Chemical: Dicamba DGA and S-metolachlor
MRID: 50958202
PC Code: 128931 (Dicamba DGA) and 108800 (S-metolachlor)
Plot: Soybean
Guideline: 835.8100

		Average Wind Speed (m/s) at Heights (m)				
Sampling Period	DTG	0.45	0.63	0.85	1.2	1.8
1	9/9, 10:07 - 14:10	1.21	1.45	1.72	1.91	2.18
2	9/9, 14:13 - 17:07	1.27	1.52	1.81	1.94	2.19
3	9/9-10, 17:09 - 8:39	0.46	0.53	0.63	0.77	0.91
4	9/10, 8:42 - 17:02	1.71	1.96	2.28	2.47	2.87
5	9/10-11, 17:05 - 8:35	0.45	0.51	0.63	0.73	0.89
6	9/11, 8:37 - 17:01	1.94	2.26	2.60	2.89	3.40
7	9/11-12, 17:05 - 8:34	0.43	0.52	0.64	0.78	0.98
8	9/12, 8:35 - 16:57	1.50	1.73	2.05	2.20	2.60
9	9/12-13, 17:01 - 8:33	0.42	0.51	0.62	0.74	0.89
10	9/13, 8:36 - 17:03	1.35	1.54	1.86	2.02	2.41
11	9/13-14, 17:06 - 8:38	0.68	0.81	0.95	1.12	1.33
12	9/14, 8:40 - 16:57	1.25	1.45	1.71	2.08	2.35
13	9/14-15, 17:01 - 8:32	0.25	0.31	0.38	0.48	0.58
14	9/15, 8:34 - 17:03	0.94	1.07	1.31	1.35	1.61
15	9/15-16, 17:06 - 8:32	0.21	0.27	0.34	0.40	0.49

Sampling Period	DTG	Fetch Distance m
1	9/9, 10:07 - 14:10	151.09
2	9/9, 14:13 - 17:07	143.10
3	9/9-10, 17:09 - 8:39	153.79
4	9/10, 8:42 - 17:02	153.65
5	9/10-11, 17:05 - 8:35	147.94
6	9/11, 8:37 - 17:01	151.21
7	9/11-12, 17:05 - 8:34	146.57
8	9/12, 8:35 - 16:57	154.33
9	9/12-13, 17:01 - 8:33	149.06
10	9/13, 8:36 - 17:03	159.39
11	9/13-14, 17:06 - 8:38	152.57
12	9/14, 8:40 - 16:57	157.36
13	9/14-15, 17:01 - 8:32	151.99
14	9/15, 8:34 - 17:03	154.39
15	9/15-16, 17:06 - 8:32	151.71

Regressed Logarithmic Profile Quality		
m	b	r^2
0.703961816	1.784691636	0.99468374
0.664047283	1.832224663	0.982788461
0.336065108	0.703328848	0.989193511
0.830146827	2.368054844	0.992889146
0.327771351	0.687128887	0.989073787
1.040041558	2.751214297	0.996422479
0.395562654	0.722702921	0.990657755
0.785319046	2.117780471	0.987530932
0.340705634	0.68043532	0.996722778
0.761092512	1.934871659	0.98659281
0.470557814	1.039258423	0.997071821
0.826263814	1.874626526	0.992046113
0.243658821	0.433506225	0.994294285
0.470624225	1.31563173	0.966870929
0.201939804	0.370580302	0.997820254

Note: Raw meteorological data should be averaged consistent with air sampling periods.

Chemical:
MRID:
PC Code:
Plot:
Guideline:

Plot Soybean
Period No.
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The reviewer edited the visual basic code used to calculate estimated flux. The study did not specify the method used to Specifically, the equation for zmax was changed as follows:

Original equation:

Revised equation:

Where mc and bc are the slope and intercept of the air concentration regression.

Dicamba DGA and S-metolachlor
50958202
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

		Air Concentrations	
Sample Interval Times	Duration (Hrs.)	Slope	Intercept
9/9, 10:07 - 14:10	4.05	-0.008304556	0.014776318
9/9, 14:13 - 17:07	2.90	-0.010063397	0.019723508
9/9-10, 17:09 - 8:39	15.50	-0.003086781	0.0052128
9/10, 8:42 - 17:02	8.33	-0.00449632	0.007815129
9/10-11, 17:05 - 8:35	15.50	-0.000744949	0.001950724
9/11, 8:37 - 17:01	8.40	-0.003277131	0.006203016
9/11-12, 17:05 - 8:34	15.48	-0.000345908	0.002403759
9/12, 8:35 - 16:57	8.37	-0.002027546	0.004652534
9/12-13, 17:01 - 8:33	15.53	-0.001761105	0.002132922
9/13, 8:36 - 17:03	8.45	-0.001453518	0.002984189
9/13-14, 17:06 - 8:38	15.53	-0.000723052	0.000980606
9/14, 8:40 - 16:57	8.28	-0.000550941	0.001091079
9/14-15, 17:01 - 8:32	15.52	-0.00091038	0.001060394
9/15, 8:34 - 17:03	8.48	-0.001247411	0.002196609
9/15-16, 17:06 - 8:32	15.43	-0.001713483	0.001696723

calculate zmax.

$$zmax = \exp((0.1 - bc)/mc)$$

$$zmax = \exp(-bc/mc)$$

		Wind Speed				face and Boundary Layer Parame			
RSq		Slope	Intercept	RSq		Fetch (m)	Roughness Length (m)	Z_{max} (m)	
0.879029588		0.70	1.78	0.99		151.09	0.08	5.93	
0.883345865		0.66	1.83	0.98		143.10	0.06	7.10	
0.805511777		0.34	0.70	0.99		153.79	0.12	5.41	
0.64051755		0.83	2.37	0.99		153.65	0.06	5.69	
0.831527508		0.33	0.69	0.99		147.94	0.12	13.72	
0.80305525		1.04	2.75	1.00		151.21	0.07	6.64	
0.26779162		0.40	0.72	0.99		146.57	0.16	25.00	
0.993602696		0.79	2.12	0.99		154.33	0.07	9.92	
0.988746935		0.34	0.68	1.00		149.06	0.14	3.36	
0.96925303		0.76	1.93	0.99		159.39	0.08	7.79	
0.966093699		0.47	1.04	1.00		152.57	0.11	3.88	
0.89360499		0.83	1.87	0.99		157.36	0.10	7.25	
0.995829979		0.24	0.43	0.99		151.99	0.17	3.21	
0.933494355		0.47	1.32	0.97		154.39	0.06	5.82	
0.989928678		0.20	0.37	1.00		151.71	0.16	2.69	

Estimated Flux ($\mu g/m^2 \cdot s$)
0.0005500
0.0009212
0.0000699
0.0003671
0.0000628
0.0003902
0.0004249
0.0003111
0.0000192
0.0001440
0.0000149
0.0000490
0.0000056
0.0000581
0.0000068