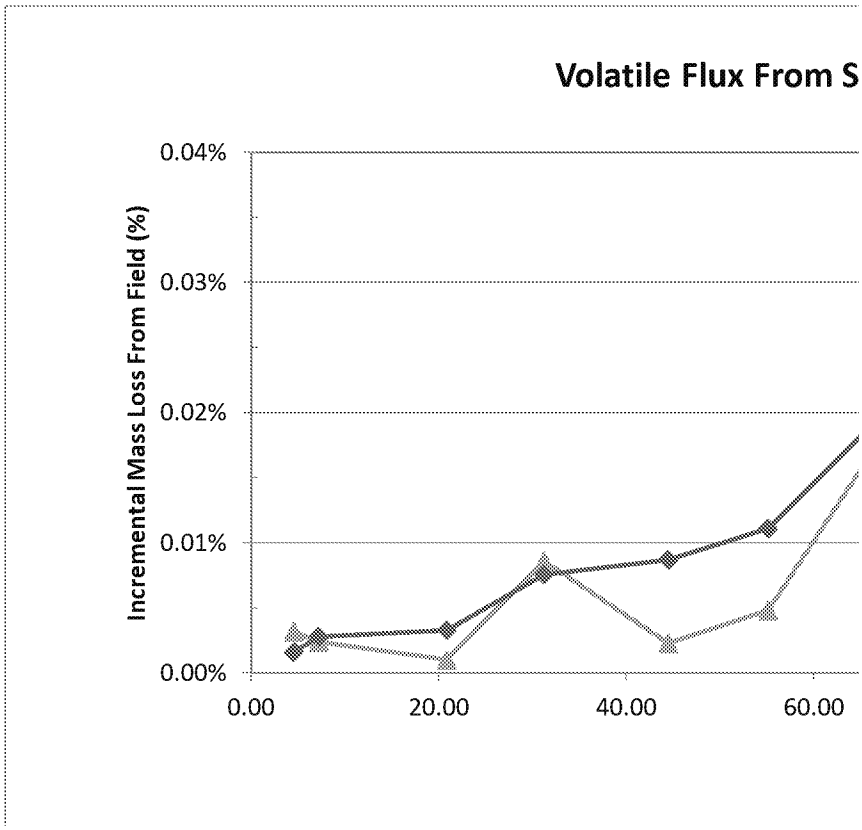
Chemical:
MRID:
PC Code:
Plot:
Guideline:

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
50958201
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

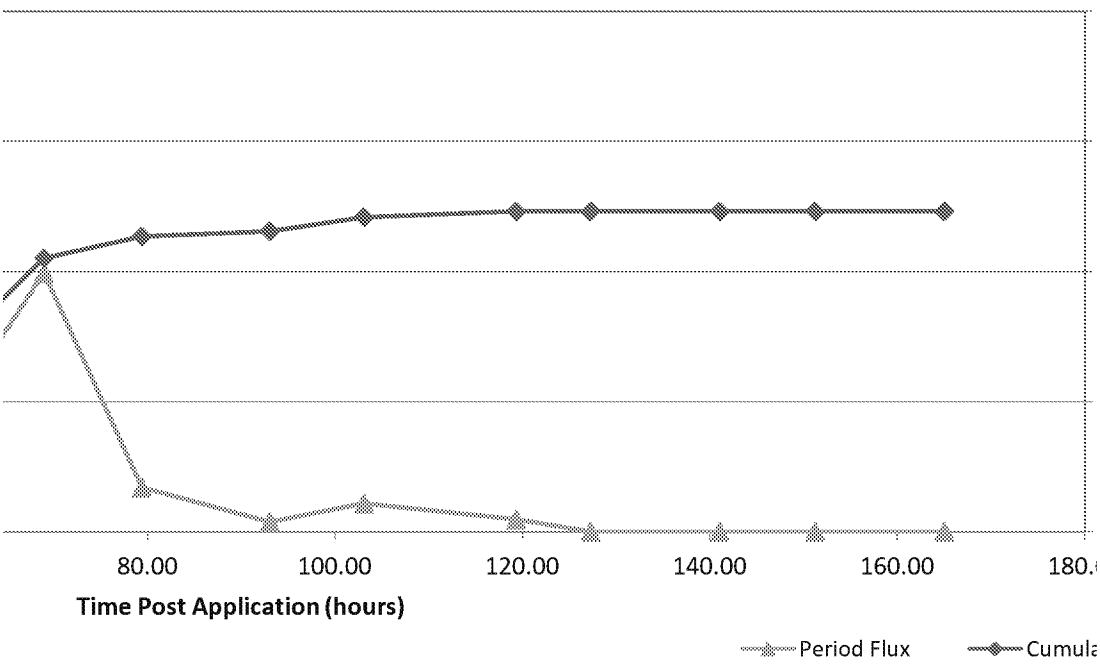
	0.5
	18.91
Date/Time	Sampling Period (hrs.)
7/24, 11:32 - 15:23	3.85
7/24, 15:28 - 18:04	2.60
7/24-25, 18:09 - 7:41	13.53
7/25, 7:44 - 18:03	10.32
7/25-26, 18:07 - 7:21	13.23
7/26, 7:23 - 17:58	10.58
7/26-27, 17:39 - 7:47	14.13
7/27, 7:51 - 18:15	10.40
7/27-28, 18:23 - 7:55	13.53
7/28, 7:57 - 17:56	9.98
7/28-29, 18:01 - 10:11	16.17
7/29, 10:13 - 18:05	7.87
7/29-30, 18:10 - 7:54	13.73
7/30, 7:57 - 18:05	10.13
7/30-31, 18:09 - 7:54	13.75



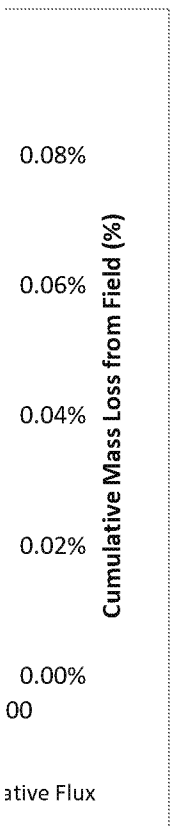
Area of the field from p. 12 of the study report.

Time Post Application (hrs.)	Flux ($\mu g/m^2 \cdot s$)	Period fraction of applied
4.55	0.000129	0.00003
7.23	0.000141	0.00002
20.85	0.000011	0.00001
31.22	0.000129	0.00009
44.52	0.000027	0.00002
55.13	0.000070	0.00005
68.95	0.000219	0.00020
79.42	0.000051	0.00003
93.08	0.000009	0.00001
103.10	0.000034	0.00002
119.35	0.000009	0.00001
127.25	0.000000	0.00000
141.07	0.000000	0.00000
151.25	0.000000	0.00000
165.07	0.000000	0.00000

oybean Plot for Dicamba



Cumulative fraction of applied
0.00003
0.00006
0.00007
0.00015
0.00017
0.00022
0.00042
0.00045
0.00046
0.00048
0.00049
0.00049
0.00049
0.00049
0.00049



Date and time from Appendix III, Table 4, p. 374 of the study report.
Sampling period and time post application calculated in accompanying spreadsheet 128931_50958201_DER-FATE_835.

Chemical:	Dicamba DGA and S-metolachlor	Raw Air Conc.		
MRID:	50958201			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	0.40 m	7.580	NA	0.000
	0.58 m	6.470	NA	0.000
	0.80 m	4.820	NA	0.000
	1.15 m	3.710	NA	0.000
	1.75 m	4.250	NA	0.000
	1.75 m	3.130	NA	0.000
6 - 12	0.40 m	4.720	NA	0.000
	0.58 m	4.210	NA	0.000
	0.80 m	3.130	NA	0.000
	1.15 m	2.520	NA	0.000
	1.75 m	1.560	NA	0.000
	1.75 m	2.420	NA	0.000
12 - 24	0.40 m	7.000	NA	0.000
	0.58 m	5.760	NA	0.000
	0.80 m	4.820	NA	0.000
	1.15 m	4.560	NA	0.000
	1.75 m	1.960	NA	0.000
	1.75 m	2.660	NA	0.000
24 - 36	0.40 m	9.900	NA	0.000
	0.58 m	5.440	NA	0.000
	0.80 m	5.080	NA	0.000
	1.15 m	4.450	NA	0.000
	1.75 m	3.730	NA	0.000
	1.75 m	3.400	NA	0.000
36 - 48	0.40 m	2.710	NA	0.000
	0.58 m	1.790	NA	0.000
	0.80 m	2.030	NA	0.000
	1.15 m	1.560	NA	0.000
	1.75 m	1.610	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**
11:45	15:23	3.037	3.116	218	0.0113	0.0000	0.00%
11:43	15:22	3.030	3.133	219	0.0096	0.0000	0.00%
11:39	15:21	3.057	3.155	222	0.0070	0.0000	0.00%
11:36	15:20	2.975	3.236	224	0.0053	0.0000	0.00%
11:33	15:17	3.006	4.222	224	0.0052	0.0000	0.00%
11:31	15:19	2.957	3.045	228	0.0046	0.0000	0.00%
15:36	18:04	2.990	2.985	148	0.0107	0.0000	0.00%
15:34	18:03	2.960	2.880	149	0.0097	0.0000	0.00%
15:32	18:02	2.987	2.950	150	0.0070	0.0000	0.00%
15:31	18:00	3.020	2.997	149	0.0056	0.0000	0.00%
15:28	17:58	3.016	2.974	150	0.0035	0.0000	0.00%
15:29	18:00	3.025	2.996	151	0.0053	0.0000	0.00%
18:15	7:41	2.987	2.802	806	0.0030	0.0000	0.00%
18:13	7:40	2.986	2.725	807	0.0025	0.0000	0.00%
18:12	7:38	2.962	2.792	806	0.0021	0.0000	0.00%
18:11	7:37	2.995	2.825	806	0.0019	0.0000	0.00%
18:08	7:35	2.980	2.808	807	0.0008	0.0000	0.00%
18:10	7:37	3.050	2.801	807	0.0011	0.0000	0.00%
7:52	18:03	2.949	3.099	611	0.0054	0.0000	0.00%
7:50	18:01	2.995	3.157	611	0.0029	0.0000	0.00%
7:48	17:59	2.939	3.085	611	0.0028	0.0000	0.00%
7:46	17:58	3.025	3.168	612	0.0023	0.0000	0.00%
7:44	17:56	2.975	3.089	612	0.0020	0.0000	0.00%
7:45	17:57	2.994	3.101	612	0.0018	0.0000	0.00%
18:13	7:21	3.079	2.973	788	0.0011	0.0000	0.00%
18:11	7:20	2.991	2.886	789	0.0008	0.0000	0.00%
18:10	7:18	3.075	2.942	788	0.0009	0.0000	0.00%
18:09	7:17	3.015	2.886	788	0.0007	0.0000	0.00%
18:06	7:15	3.099	2.987	789	0.0006	0.0000	0.00%

Measured Air Concentration (Total) ($\mu g/m^3$)
0.0113
0.0096
0.0070
0.0053
0.0052
0.0046
0.0107
0.0097
0.0070
0.0056
0.0035
0.0053
0.0030
0.0025
0.0021
0.0019
0.0008
0.0011
0.0054
0.0029
0.0028
0.0023
0.0020
0.0018
0.0011
0.0008
0.0009
0.0007
0.0006

	1.75 m	<LOD	NA	0.000
48 - 60	0.40 m	6.680	NA	0.000
	0.58 m	4.560	NA	0.000
	0.80 m	4.260	NA	0.000
	1.15 m	3.260	NA	0.000
	1.75 m	2.360	NA	0.000
	1.75 m	2.620	NA	0.000
60 - 72	0.40 m	<LOD	NA	0.000
	0.58 m	1.400	NA	0.000
	0.80 m	1.410	NA	0.000
	1.15 m	1.370	NA	0.000
	1.75 m	1.590	NA	0.000
	1.75 m	1.060	NA	0.000
72 - 84	0.40 m	5.120	NA	0.000
	0.58 m	4.740	NA	0.000
	0.80 m	5.990	NA	0.000
	1.15 m	2.830	NA	0.000
	1.75 m	2.100	NA	0.000
	1.75 m	1.850	NA	0.000
84 - 96	0.40 m	1.890	NA	0.000
	0.58 m	1.430	NA	0.000
	0.80 m	1.380	NA	0.000
	1.15 m	1.010	NA	0.000
	1.75 m	0.870	NA	0.000
	1.75 m	0.780	NA	0.000
96 - 108	0.40 m	4.220	NA	0.000
	0.58 m	3.020	NA	0.000
	0.80 m	2.180	NA	0.000
	1.15 m	1.580	NA	0.000
	1.75 m	1.160	NA	0.000
	1.75 m	1.500	NA	0.000
108 - 120	0.40 m	2.270	NA	0.000
	0.58 m	1.850	NA	0.000
	0.80 m	1.380	NA	0.000
	1.15 m	1.270	NA	0.000
	1.75 m	6.980	NA	0.000
	1.75 m	1.010	NA	0.000
120 - 132	0.40 m	0.370	NA	0.000
	0.58 m	<LOD	NA	0.000
	0.80 m	<LOD	NA	0.000
	1.15 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000

18:08	7:16	3.067	2.913	788	0.0007	0.0000	0.00%
7:29	17:58	2.985	3.098	629	0.0035	0.0000	0.00%
7:28	17:54	2.910	3.008	626	0.0025	0.0000	0.00%
7:27	17:49	2.962	2.943	622	0.0023	0.0000	0.00%
7:25	17:44	2.990	3.165	619	0.0017	0.0000	0.00%
7:23	17:34	3.006	3.115	611	0.0013	0.0000	0.00%
7:24	17:37	2.942	3.107	613	0.0014	0.0000	0.00%
18:00	7:47	3.058	2.882	827	0.0001	0.0000	0.00%
17:56	7:46	3.001	2.894	830	0.0006	0.0000	0.00%
17:52	7:45	2.928	2.930	833	0.0006	0.0000	0.00%
17:48	7:42	2.940	2.747	834	0.0006	0.0000	0.00%
17:35	7:40	2.992	2.833	845	0.0006	0.0000	0.00%
17:43	7:41	3.026	2.849	838	0.0004	0.0000	0.00%
8:00	18:15	2.991	3.163	615	0.0027	0.0000	0.00%
7:59	18:14	2.953	3.172	615	0.0025	0.0000	0.00%
7:56	18:12	2.945	3.160	616	0.0032	0.0000	0.00%
7:54	18:10	2.975	3.170	616	0.0015	0.0000	0.00%
7:50	17:58	2.973	3.097	608	0.0011	0.0000	0.00%
7:52	18:08	2.983	3.145	616	0.0010	0.0000	0.00%
18:30	7:55	3.025	2.815	805	0.0008	0.0000	0.00%
18:28	7:53	3.079	2.808	805	0.0006	0.0000	0.00%
18:27	7:52	3.044	2.896	805	0.0006	0.0000	0.00%
18:25	7:50	3.063	2.876	805	0.0004	0.0000	0.00%
18:22	7:49	3.002	2.819	807	0.0004	0.0000	0.00%
18:24	7:48	2.998	2.866	804	0.0003	0.0000	0.00%
8:06	17:56	3.047	3.242	590	0.0023	0.0000	0.00%
8:03	17:54	2.965	3.146	591	0.0017	0.0000	0.00%
8:02	17:52	3.004	3.184	590	0.0012	0.0000	0.00%
8:00	17:51	2.955	3.136	591	0.0009	0.0000	0.00%
7:58	17:46	2.963	3.108	588	0.0006	0.0000	0.00%
7:57	17:50	2.983	3.109	593	0.0008	0.0000	0.00%
18:08	10:11	3.020	2.928	963	0.0008	0.0000	0.00%
18:07	10:10	2.997	2.842	963	0.0007	0.0000	0.00%
18:05	10:08	3.006	2.886	963	0.0005	0.0000	0.00%
18:03	10:07	3.040	2.881	964	0.0004	0.0000	0.00%
18:00	10:04	3.061	2.933	964	0.0024	0.0000	0.00%
18:02	10:05	2.996	2.833	963	0.0004	0.0000	0.00%
10:21	18:05	2.943	3.059	464	0.0003	0.0000	0.00%
10:19	18:04	2.984	3.115	465	0.0001	0.0000	0.00%
10:18	18:03	2.936	3.038	465	0.0001	0.0000	0.00%
10:16	18:01	2.975	3.081	465	0.0001	0.0000	0.00%
10:12	17:55	2.942	3.028	463	0.0001	0.0000	0.00%
10:14	17:57	2.949	3.099	463	0.0001	0.0000	0.00%

Raw Air Conc.
0.0007
0.0035
0.0025
0.0023
0.0017
0.0013
0.0014
0.0001
0.0006
0.0006
0.0006
0.0006
0.0004
0.0027
0.0025
0.0032
0.0015
0.0011
0.0010
0.0008
0.0006
0.0006
0.0004
0.0004
0.0003
0.0023
0.0017
0.0012
0.0009
0.0006
0.0008
0.0008
0.0007
0.0005
0.0004
0.0024
0.0004
0.0003
0.0001
0.0001
0.0001
0.0001
0.0001

132 - 144	0.40 m	<LOD	NA	0.000
	0.58 m	<LOD	NA	0.000
	0.80 m	<LOD	NA	0.000
	1.15 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
144 - 156	0.40 m	<LOD	NA	0.000
	0.58 m	<LOD	NA	0.000
	0.80 m	<LOD	NA	0.000
	1.15 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
156 - 168	0.40 m	<LOD	NA	0.000
	0.58 m	<LOD	NA	0.000
	0.80 m	<LOD	NA	0.000
	1.15 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
	1.75 m	<LOD	NA	0.000
Measured concentrations from Appendix II, Table 6, pp. 305-307 of the study report.				
Sample start times, end times, and flow rates from Appendix I, Appendix 6, pp. 204-214 of the study report.				

18:16	7:54	3.052	2.871	818	0.0001	0.0000	0.00%
18:15	7:51	2.932	2.760	816	0.0001	0.0000	0.00%
18:13	7:50	3.043	2.883	817	0.0001	0.0000	0.00%
18:12	7:49	3.075	2.874	817	0.0001	0.0000	0.00%
18:09	7:45	3.027	2.895	816	0.0001	0.0000	0.00%
18:11	7:47	3.024	2.835	816	0.0001	0.0000	0.00%
8:04	18:05	2.960	3.127	601	0.0001	0.0000	0.00%
8:03	18:04	2.964	3.159	601	0.0001	0.0000	0.00%
8:01	18:02	2.996	3.203	601	0.0001	0.0000	0.00%
7:59	18:01	3.039	3.254	602	0.0001	0.0000	0.00%
7:57	17:58	2.944	3.058	601	0.0001	0.0000	0.00%
7:58	17:59	2.950	3.102	601	0.0001	0.0000	0.00%
18:16	7:54	2.991	2.808	818	0.0001	0.0000	0.00%
18:15	7:53	2.970	2.800	818	0.0001	0.0000	0.00%
18:13	7:51	3.027	2.841	818	0.0001	0.0000	0.00%
18:12	7:49	3.030	2.832	817	0.0001	0.0000	0.00%
18:09	7:45	3.065	2.909	816	0.0001	0.0000	0.00%
18:10	7:47	3.058	2.860	817	0.0001	0.0000	0.00%

Raw Air Conc.

Raw Air Conc.
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001
0.0001

Chemical:	Dicamba DGA and S-me
MRID:	50958201
PC Code:	128931 (Dicamba DGA)
Plot:	Soybean
Guideline:	835.8100

Plot Soybean	
Sample Periods	
Day	
Hours	6
DTG	
Fortification Level (µg)	
0	NA
0.00298	113.0%
0.00995	117.0%
0.0298	128.0%

NA indicate not applicable.
Data from Appendix II, Table 2, p. 301 of the study report.

PUF Sample Results (ng/PUF; Appendix II, Table 2, p. 301 of the study report).

0	<LOD
0.00298	3.38
0.00995	11.6
0.0298	38

Reviewer calculated percent recoveries.

0	NA
0.00298	113.4%
0.00995	116.6%
0.0298	127.5%

etolachlor

and 108800 (S-metolachlor)

6	6	12	12	12
Percent Recovery (%)				
NA	NA	NA	NA	NA
106.0%	98.7%	95.3%	103.0%	104.0%
115.0%	107.0%	102.0%	97.5%	100.0%
122.0%	127.0%	86.2%	99.0%	84.9%

<LOD	<LOD	<LOD	<LOD	<LOD
3.16	2.94	2.84	3.08	3.11
11.4	10.6	10.1	9.7	9.96
36.5	37.9	25.7	29.5	25.3

NA	NA	NA	NA	NA
106.0%	98.7%	95.3%	103.4%	104.4%
114.6%	106.5%	101.5%	97.5%	100.1%
122.5%	127.2%	86.2%	99.0%	84.9%

Chemical: Dicamba DGA and S-metolachlor
MRID: 50958201
PC Code: 128931 (Dicamba DGA) and 108800 (S-metolach
Plot: Soybean
Guideline: 835.8100

Field Dimensions	
Length (m)	270.9
Width (m)	282.5
Offset Angle from Due North (degrees)	0.9

Sampler Heights (m)

Julian Date	Local Time (0000 - 2300)	Temperature (°C)	Wind Speed (m/s)
7/24/2019	11:30	26.4	1.021
7/24/2019	11:31	26.45	0.987
7/24/2019	11:32	26.45	0.931
7/24/2019	11:33	26.5	0.88
7/24/2019	11:34	26.51	1.026
7/24/2019	11:35	26.45	1.01
7/24/2019	11:36	26.32	0.856
7/24/2019	11:37	26.35	0.761
7/24/2019	11:38	26.52	0.701
7/24/2019	11:39	26.58	0.695
7/24/2019	11:40	26.57	0.945
7/24/2019	11:41	26.55	1.1
7/24/2019	11:42	26.54	0.998
7/24/2019	11:43	26.5	0.97
7/24/2019	11:44	26.48	0.807
7/24/2019	11:45	26.54	0.508
7/24/2019	11:46	26.64	0.366
7/24/2019	11:47	26.75	0.339
7/24/2019	11:48	26.88	0.864
7/24/2019	11:49	26.84	0.738
7/24/2019	11:50	26.68	0.911
7/24/2019	11:51	26.49	0.817
7/24/2019	11:52	26.48	0.784
7/24/2019	11:53	26.62	0.552
7/24/2019	11:54	26.77	0.543
7/24/2019	11:55	26.93	0.489
7/24/2019	11:56	27.07	0.777
7/24/2019	11:57	27.21	0.225
7/24/2019	11:58	27.42	0.316
7/24/2019	11:59	27.43	0.375
7/24/2019	12:00	27.39	0.377
7/24/2019	12:01	27.21	0.682
7/24/2019	12:02	26.91	0.562
7/24/2019	12:03	26.68	0.56
7/24/2019	12:04	26.56	0.515
7/24/2019	12:05	26.55	0.48

Need to double check WS and temp, profiles don't seem to make sense...

lor)

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

0.4		
Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)
329.4	158.8542338	26.57
328	161.3176459	26.62
333.3	152.8379067	26.6
336.2	149.0856146	26.66
308.7	178.7937782	26.67
305.6	171.8370419	26.62
323.9	169.5961403	26.45
321.4	175.5328989	26.48
326.5	164.1537804	26.68
301.7	164.4719393	26.78
307.1	175.0703199	26.75
357.8	135.6439919	26.7
16.42	140.5711295	26.64
14.97	139.6346169	26.57
12.81	138.4253859	26.53
341.4	143.6871825	26.62
323.8	169.8197457	26.79
26.14	149.7413713	26.97
339	145.9799608	27.15
347.6	139.1784222	27.1
352.9	136.7766005	26.88
342.8	142.4968525	26.62
16.89	140.896828	26.59
345.9	140.2234999	26.74
323.6	170.2702897	26.96
341.2	143.8658923	27.18
26.21	149.8277757	27.3
349.3	138.2696225	27.45
114.9	154.6445213	27.74
122.2	165.3383346	27.86
79.69	144.0225721	27.82
334.6	151.0848301	27.56
323.9	169.5961403	27.19
9.03	136.8205816	26.89
28.9	153.4015168	26.71
35.06	163.6857467	26.74

Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)
1.494	328.1
1.469	330
1.525	334
1.227	342.1
1.387	311.9
1.424	311.2
1.272	324.3
1.196	323
1.096	330.4
1.069	300.1
1.395	313.8
1.415	353.5
1.618	15.58
1.374	17.37
1.165	13.08
0.678	351
0.483	338
0.621	8.81
1.155	337.5
1.174	339.2
1.419	349.1
1.379	344.5
1.212	19.15
0.667	342
0.941	339.6
0.785	322.9
0.955	25.77
0.335	152.6
0.365	128.3
0.499	111.4
0.358	74.79
0.863	334.1
0.676	321.2
0.793	16.78
0.659	19.09
0.583	37.97

Length and width from Appendix I, p. 113 and Appendix I, Figure 2, p. 170 of the study report.
Offset angle from Appendix III, p. 368 of the study report.
1-Minute meteorological data were not provided with the study report.

0.58	
Fetch (m)	Temperature (°C)
INSERT 1-MINUTE RAW METEOROLOGICAL DATA BELOW ACCORDING TO SI	
161.1359522	26.28
157.8499471	26.34
151.8792052	26.3
143.0788632	26.34
187.1909456	26.36
185.2375331	26.33
168.7126952	26.18
171.6490075	26.21
157.1969778	26.42
161.8412498	26.48
195.7142115	26.46
136.5830783	26.4
140.0161491	26.33
141.2408503	26.26
138.5646455	26.25
137.4928614	26.31
147.0339187	26.49
136.7465809	26.67
147.5835656	26.85
145.7762909	26.77
138.3696112	26.51
141.1899582	26.28
142.6193794	26.27
143.1641434	26.47
145.3759529	26.66
171.8828066	26.91
149.2900067	26.96
153.8318952	27.12
177.8350956	27.38
150.8262993	27.42
147.0493181	27.38
151.7450728	27.1
176.0405229	26.72
140.8196158	26.44
142.5702261	26.32
169.7525479	26.4

0.8			1.15			
Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)	Temperature (°C)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)
PECIFIED FORMAT:						
1.742	328.9	159.7144084	26.09	1.965	326.8	163.5696028
1.847	327.6	162.0534901	26.15	1.963	328.3	160.7752562
1.556	331.4	155.6208578	26.09	1.985	330	157.8499471
1.402	338.1	146.9258206	26.13	1.631	337.1	148.034394
1.627	308.6	178.5523232	26.15	1.856	308.4	178.0729882
1.627	306.6	173.9658487	26.14	1.853	305	170.6093072
1.371	321	176.5532489	25.99	1.636	322.2	173.55231
1.138	322.1	173.7955882	26.04	1.422	319.4	180.8458047
1.018	324.5	168.2774801	26.24	1.344	325.3	166.5789856
1.118	297.8	158.4157786	26.27	1.422	297.4	157.8605159
1.524	307	174.8472386	26.26	1.733	309.4	180.5179243
1.355	350	137.9340071	26.22	1.777	349.1	138.3696112
1.737	17.13	141.0673918	26.15	2.139	15.33	139.8576141
1.415	18.28	141.9251412	26.08	1.664	17.8	141.5589225
1.151	16.66	140.736072	26.07	1.322	12.08	138.0655849
0.73	343	142.3353263	26.12	0.771	345.8	140.2893212
0.544	313.7	192.5433417	26.3	0.523	317.4	186.7249594
0.579	4.929	135.7810672	26.47	0.593	16.42	140.5711295
1.331	338.7	146.2898835	26.63	1.63	334.8	150.8255466
1.26	334.6	151.0848301	26.55	1.445	336	149.3262707
1.585	345.7	140.355632	26.29	1.944	345.1	140.7638403
1.382	342.1	143.0788632	26.08	1.704	343.5	141.9406579
1.338	21.72	144.9077339	26.09	1.506	15.86	140.1973082
0.737	342.8	142.4968525	26.29	0.889	340.1	144.8885107
0.872	330.6	156.8753741	26.48	1.063	331	156.2417902
0.731	323.4	170.7253164	26.69	0.987	325	167.2080708
1.104	24.62	147.9434309	26.75	1.069	22.36	145.5349729
0.297	277.1	142.105983	26.88	0.321	118.4	159.2706591
0.424	113.5	153.0256028	27.14	0.392	113.7	153.2492103
0.484	109.2	148.8003043	27.17	0.491	104.2	145.1683796
0.52	72.87	148.5704117	27.09	0.512	65.76	156.0577735
1.025	335.8	149.5695304	26.82	1.138	336.7	148.4952449
1	320.4	178.1226162	26.46	0.993	322	174.0400802
0.86	12.08	138.0655849	26.19	1.015	13.49	138.7825514
0.751	24.34	147.6282013	26.09	0.762	13.43	138.750176
0.608	29.09	153.6733204	26.21	0.629	23.53	146.7434429

1.75					
Temperature (°C)	Wind Speed (m/s)	Flow Vector Wind Direction (Degrees)	Fetch (m)	Average Fetch (m)	Fetch Requirement Satisfied?
25.94	2.444	330.3	157.3589946	160.8185493	Yes
25.97	2.535	331.6	155.3150699	160.4990849	Yes
25.9	2.242	332.2	154.4161117	154.5469792	Yes
25.96	2.044	337.6	147.4724086	146.7811731	Yes
25.96	2.196	310.6	183.6169505	180.6525088	Yes
25.97	2.302	309.7	181.2753983	175.4124327	Yes
25.83	2.051	325.8	165.5509953	172.1035986	Yes
25.89	1.586	325.7	165.7545685	175.4558248	Yes
26.13	1.326	330.6	156.8753741	164.051806	Yes
26.15	1.422	303.3	167.3221929	160.6473709	Yes
26.15	2.078	313.1	190.7045403	181.5374236	Yes
26.09	2.042	355.7	136.0052434	137.1326721	Yes
25.98	2.426	17.09	141.0387639	140.3780711	Yes
25.9	2.039	17.2	141.1176841	141.0898827	Yes
25.87	1.576	14.53	139.3704869	138.9479221	Yes
25.95	0.921	347.4	139.2942101	140.9511728	Yes
26.2	0.632	313.9	195.7142115	174.0304914	Yes
26.41	0.774	10.29	137.2850298	140.7100372	Yes
26.52	1.856	342.2	142.9941199	147.6697391	Yes
26.39	1.894	339.4	145.5749597	146.3414534	Yes
26.11	2.335	348.1	138.8971847	139.066421	Yes
25.92	1.886	348.7	138.5750946	142.176583	Yes
25.96	1.856	17.55	141.3728539	142.1553124	Yes
26.18	0.936	349.7	138.0751192	142.6932516	Yes
26.4	1.047	341	144.0468045	157.1908517	Yes
26.59	0.986	332.2	154.4161117	163.4205215	Yes
26.62	1.375	24.21	147.4834965	148.1490466	Yes
26.8	0.328	142.5	172.8296935	148.36954	Yes
27.17	0.415	106.5	146.6780426	159.6886075	Yes
27.19	0.544	105	145.663343	152.5333295	Yes
27.07	0.655	73.35	148.1715683	148.9250188	Yes
26.73	1.396	341.9	143.249962	150.2236695	Yes
26.35	1.256	329.8	158.1813694	174.4498399	Yes
26.11	1.166	13.31	138.6859265	138.6220834	Yes
26.04	0.825	11.75	137.9108838	145.58753	Yes
26.19	0.634	13.2	138.6276173	158.4637645	Yes

Mean Solar Radiation (W/m^2)	Standard Deviation Wind Direction 10 m
	9.97
	9.9
	10.02
	10.66
	12.93
	7.68
	7.67
	7.86
	7.69
	8.22
	16.89
	6.743
	5.595
	6.716
	17.43
	16.89
	28.53
	23.41
	12.18
	8.11
	8.95
	8.01
	11.54
	9.22
	10.39
	9.21
	8.77
	6.849
	5.835
	4.12
	7.56
	7.31
	7.1
	10.4
	7.3
	9.69

7/24/2019	12:06	26.48	0.659
7/24/2019	12:07	26.37	0.868
7/24/2019	12:08	26.36	0.805
7/24/2019	12:09	26.29	0.588
7/24/2019	12:10	26.34	0.718
7/24/2019	12:11	26.51	0.764
7/24/2019	12:12	26.74	0.549
7/24/2019	12:13	26.94	0.294
7/24/2019	12:14	27.2	0.365
7/24/2019	12:15	27.46	0.343
7/24/2019	12:16	27.64	0.506
7/24/2019	12:17	27.77	0.635
7/24/2019	12:18	27.78	0.431
7/24/2019	12:19	27.94	0.193
7/24/2019	12:20	28.06	0.975
7/24/2019	12:21	28.1	0.587
7/24/2019	12:22	28.07	0.358
7/24/2019	12:23	28.24	0.267
7/24/2019	12:24	28.36	0.408
7/24/2019	12:25	28.33	0.771
7/24/2019	12:26	27.97	0.745
7/24/2019	12:27	27.74	0.503
7/24/2019	12:28	27.46	0.916
7/24/2019	12:29	27.07	0.888
7/24/2019	12:30	26.73	0.515
7/24/2019	12:31	26.55	0.907
7/24/2019	12:32	26.4	0.798
7/24/2019	12:33	26.25	0.897
7/24/2019	12:34	26.16	0.464
7/24/2019	12:35	26.29	0.68
7/24/2019	12:36	26.47	0.867
7/24/2019	12:37	26.6	0.723
7/24/2019	12:38	26.79	0.694
7/24/2019	12:39	26.92	0.712
7/24/2019	12:40	27.01	0.907
7/24/2019	12:41	27.09	1.035
7/24/2019	12:42	27.07	0.798
7/24/2019	12:43	26.93	0.847
7/24/2019	12:44	26.79	0.824
7/24/2019	12:45	26.82	0.758
7/24/2019	12:46	26.94	0.417
7/24/2019	12:47	26.99	0.413
7/24/2019	12:48	27.01	0.572
7/24/2019	12:49	26.95	0.507
7/24/2019	12:50	26.82	0.708
7/24/2019	12:51	26.66	0.689
7/24/2019	12:52	26.59	0.716
7/24/2019	12:53	26.73	0.847
7/24/2019	12:54	26.93	0.692
7/24/2019	12:55	27.14	0.999
7/24/2019	12:56	27.25	0.93

333.8	152.1495751	26.67
335.7	149.6921424	26.54
1.923	135.4670923	26.52
338.1	146.9258206	26.45
289	148.6296284	26.49
307	174.8472386	26.68
326.6	163.9580918	26.95
328.5	160.4181218	27.21
32.4	158.8542338	27.55
304	168.6422867	27.87
296.5	156.6530324	28.05
312.2	188.0494405	28.16
280.3	143.1976347	28.1
257.5	145.2285189	28.23
145.5	166.1647422	28.35
73.12	148.3611139	28.38
28.29	152.546635	28.28
89.8	141.30084	28.49
112.7	152.156119	28.66
44.71	187.6913832	28.67
27.3	151.2154981	28.18
28.03	152.1903737	27.81
13.24	138.6487559	27.5
16.92	140.9179907	27.04
5.412	135.8665669	26.67
337.1	148.034394	26.51
348.5	138.6806025	26.41
318.7	182.8356637	26.31
329.8	158.1813694	26.24
345.1	140.7638403	26.41
341.5	143.5986496	26.63
283.4	144.7048835	26.76
329.4	158.8542338	26.96
353	136.743267	27.09
5.364	135.8576331	27.17
323.4	170.7253164	27.24
325.6	165.9591491	27.21
301.9	164.8158999	27.06
316.7	188.9294126	26.87
298.9	160.0036074	26.9
279.3	142.8067836	27.05
279	142.6984082	27.12
291.6	151.0243214	27.14
305.9	172.4646859	27.09
301.4	163.9624173	26.94
334.6	151.0848301	26.77
357.9	135.6313781	26.68
352.2	137.0220917	26.84
327.2	162.8040494	27.1
336.4	148.8475437	27.33
3.215	135.5561335	27.43

0.857	330.6
1.01	339.2
1.137	6.921
0.874	341.6
1.153	290.8
0.961	307.7
0.695	336.1
0.417	339.4
0.377	20.45
0.486	284.4
0.662	291.5
0.825	319.5
0.5	275.3
0.317	252
1.083	149.6
0.693	72.42
0.427	53.67
0.239	53.03
0.467	106.6
0.928	48.52
1.066	31.4
0.611	31.3
1.122	22.81
1.236	19.63
0.658	12.75
0.988	337.6
0.939	348.3
1.088	327.9
0.71	333.9
0.682	339.5
0.843	339.9
1.236	289.2
1.059	331.4
1.249	350.9
1.232	4.818
1.654	321
1.053	318.6
1.355	301.2
1.201	315.4
1.057	295.3
0.61	271.3
0.63	274.1
0.823	291.3
0.808	304.2
0.778	292.6
0.659	324.1
0.932	355.7
1.168	355.2
1.16	335
1.357	339.1
1.24	5.666

156.8753741	26.36
145.7762909	26.23
136.1968275	26.22
143.5106627	26.16
150.2462872	26.23
176.4322033	26.46
149.2056183	26.69
145.5749597	26.93
143.7316542	27.3
145.2891508	27.6
150.9250156	27.8
180.5672593	27.85
141.6924026	27.77
149.3256382	27.91
158.5161218	28.01
148.9558016	28.02
177.4333717	27.91
178.9635103	28.18
146.7497779	28.32
191.250283	28.28
157.1969778	27.78
157.0357721	27.48
145.990206	27.14
143.0194866	26.68
138.3948945	26.34
147.4724086	26.22
138.7879636	26.13
161.5002424	26.04
152.0140384	26
145.4751667	26.2
145.0817692	26.42
148.8003043	26.51
155.6208578	26.73
137.5349652	26.82
135.7627964	26.9
176.5532489	26.96
183.1257514	26.93
163.6269725	26.78
193.2425592	26.62
155.1304872	26.65
141.2782429	26.82
141.4954247	26.9
150.728171	26.92
169.0279442	26.86
152.0502072	26.71
169.1522337	26.55
136.0052434	26.45
136.1185285	26.63
150.5689831	26.86
145.8778326	27.04
135.9154495	27.12

0.906	333.1	153.1182603	26.19	1.195	331.7	155.1633342
1.161	339.5	145.4751667	26.07	1.34	340.7	144.3223303
1.249	3.484	135.5833614	26.05	1.43	2.212	135.4810183
0.776	344.9	140.9038772	26	0.977	342.7	142.5784051
1.07	288.2	147.9687897	26.08	1.371	288.3	148.0494963
1.128	306.6	173.9658487	26.31	1.174	309	179.5253688
0.699	329.6	158.5161218	26.52	0.83	333	153.2595242
0.39	318.5	183.4173207	26.76	0.46	328.9	159.7144084
0.425	31.49	157.3427563	27.13	0.418	13.25	138.6540521
0.469	295.9	155.8794948	27.43	0.655	278.3	142.4613373
0.664	295.6	155.5019575	27.62	0.759	290	149.5052253
0.875	313.4	191.6169031	27.64	1.053	314.4	195.7142115
0.599	280.9	143.4541915	27.52	0.626	277.5	142.2173074
0.36	259.7	144.0175927	27.66	0.428	265	142.0271438
1.337	158.3	146.7114396	27.76	1.396	157.3	147.8077356
0.839	75.26	146.7066747	27.72	0.86	70.63	150.6014802
0.487	44.64	187.4718049	27.62	0.486	54.96	174.4925922
0.337	53.22	178.5041757	27.85	0.384	14.31	139.2418717
0.606	105.5	145.9889028	28.01	0.653	98.6	142.5602372
1.084	50.25	186.2056423	28	1.231	47.44	194.6323266
1.201	29.46	154.2102766	27.53	1.4	26.89	150.6841014
0.751	35.46	164.4688995	27.25	0.831	29.23	153.8752982
1.319	19.66	143.0449015	26.95	1.611	18.77	142.3112785
1.311	16.68	140.7499462	26.52	1.689	13.64	138.8642227
0.844	8.75	136.7267625	26.19	0.953	6.21	136.0292612
1.294	333.6	152.4227699	26.08	1.423	336.4	148.8475437
1.161	343.8	141.7100752	26	1.349	345.7	140.355632
1.284	324.1	169.1522337	25.91	1.548	328.9	159.7144084
0.777	337.2	147.9207527	25.87	0.971	333.2	152.9777221
0.931	342.4	142.8262379	26.07	1.012	342.6	142.6604859
1.245	337.7	147.3618674	26.3	1.235	336.7	148.4952449
1.314	290.6	150.0575889	26.37	1.473	292.8	152.2626427
1.045	330.2	157.5218261	26.58	1.272	328.2	160.955157
1.086	354	136.4336422	26.67	1.433	349.3	138.2696225
1.189	4.441	135.7045794	26.74	1.479	2.104	135.4754104
1.695	317.1	187.6599662	26.78	2.19	318.8	182.5470487
1.199	316.9	188.2914027	26.73	1.434	317.3	187.035022
1.361	298.2	158.9827372	26.61	1.709	299.8	161.3712442
1.242	311.2	185.2375331	26.45	1.524	312	187.4756675
1.142	292.9	152.3697801	26.49	1.36	288.7	148.3777321
0.676	275.2	141.6735922	26.67	0.78	274.3	141.5239064
0.634	272	141.30084	26.76	0.728	273.2	141.3887034
0.909	291.4	150.8262993	26.78	1.004	286	146.3270894
0.887	300.7	162.802978	26.73	0.95	299	160.152474
1.023	297.2	157.5872152	26.59	1.12	295.6	155.5019575
0.945	325.3	166.5789856	26.42	0.995	320.6	177.5942369
1.06	355.8	135.9838512	26.33	1.266	356.4	135.8643244
1.168	350.1	137.8878733	26.48	1.547	351.9	137.1338452
1.209	328.7	160.0645165	26.71	1.411	332.4	154.1225109
1.312	335	150.5689831	26.86	1.782	338.2	146.8183282
1.414	6.956	136.2056288	26.94	1.576	359.7	135.475212

26.17	1.31	340.9	144.1380905	154.3266359	Yes
26.02	1.672	343	142.3353263	146.3164826	Yes
25.96	1.673	2.748	135.5159825	135.6820748	Yes
25.93	1.035	351.1	137.4512019	143.4796914	Yes
26.03	1.312	296.1	156.1345891	148.7235504	Yes
26.26	1.396	311.8	186.9076557	176.1926648	Yes
26.43	0.905	333.9	152.0140384	156.234839	Yes
26.73	0.473	325.4	166.3713526	162.2812027	Yes
27.15	0.478	1.79	135.4618423	149.6456741	Yes
27.43	0.616	286.7	146.8220309	153.0680674	Yes
27.6	0.79	293.8	153.3619607	153.1463077	Yes
27.56	1.252	315.4	193.2425592	188.9869536	Yes
27.42	0.808	288.6	148.294859	142.6403841	Yes
27.59	0.44	261	143.4102756	145.1497234	Yes
27.67	1.441	171.1	137.4512019	154.8000098	Yes
27.61	1.046	71.07	150.1799807	148.6562676	Yes
27.52	0.577	54.33	175.9053697	172.9861009	Yes
27.79	0.521	43.68	184.5389533	159.5025994	Yes
27.89	0.827	92.4	141.3232279	146.8637592	Yes
27.85	1.383	48.11	192.5122309	189.9449088	Yes
27.34	1.59	31.34	157.1001573	153.3267135	Yes
27.07	1.021	36.29	166.1441371	156.8925859	Yes
26.78	1.897	21.05	144.2760613	142.4987855	Yes
26.36	1.949	11.52	137.8059677	140.8879116	Yes
26.07	1.149	9.29	136.9107442	136.7543713	Yes
25.98	1.773	338	147.0339187	149.194279	Yes
25.91	1.576	345.5	140.4897269	139.8835683	Yes
25.81	1.72	332.5	153.9768314	168.300637	Yes
25.81	1.114	342.8	142.4968525	152.7734706	Yes
26.04	1.29	349.3	138.2696225	142.9314327	Yes
26.25	1.601	338.3	146.7114396	146.1343828	Yes
26.3	1.647	298	158.6977847	148.9563549	Yes
26.52	1.505	336.2	149.0856146	158.2380187	Yes
26.57	1.494	353.7	136.5220169	137.2453742	Yes
26.65	1.664	4.927	135.7807335	135.7001048	Yes
26.66	2.442	323	171.6490075	179.371395	Yes
26.6	1.652	321.8	174.5327325	181.1028313	Yes
26.49	1.919	304.5	169.6136358	162.1992135	Yes
26.34	1.72	314.2	195.7142115	188.7212931	Yes
26.4	1.371	294.1	153.7040237	153.9704017	Yes
26.59	0.793	280.9	143.4541915	141.8206313	Yes
26.68	0.821	275.2	141.6735922	141.7208441	Yes
26.71	1.098	291.6	151.0243214	149.7264703	Yes
26.67	1.014	299.6	161.0618684	166.1120205	Yes
26.55	1.263	299	160.152474	157.2754493	Yes
26.37	1.199	326.4	164.3504379	166.1025716	Yes
26.27	1.527	357.6	135.6704665	135.8711992	Yes
26.39	1.678	351.1	137.4512019	137.0405847	Yes
26.64	1.619	334.9	150.6969261	156.890015	Yes
26.77	1.772	341	144.0468045	148.0281719	Yes
26.85	1.839	2.636	135.5076949	135.7881059	Yes

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7/24/2019	13:18	27.89	0.796
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7/24/2019	13:26	27.51	0.952
7/24/2019	13:27	27.58	0.677
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1.666	83	142.6284203	27.22	1.674	77.85	145.0201801
1.254	71.01	150.2367975	27.06	1.365	66.72	154.8618947
1.014	69.22	152.0290981	27.13	1.09	65.02	157.0225618
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1.287	39.84	174.1382184	27.58	1.462	31.87	157.9655679
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0.949	30.9	156.3989918	27.25	1.116	32.06	158.2814441
1.09	45.8	191.2154206	27.41	1.313	35.62	164.7865182
1.214	53.92	176.8487072	27.43	1.326	51.42	183.0348227
0.806	7.245	136.2802899	27.45	0.829	7.358	136.3104483
1.289	334.9	150.6969261	27.51	1.471	335.6	149.8154124
1.317	13.86	138.9859057	27.4	1.41	12.19	138.1182479
0.556	10.88	137.5265088	27.24	0.658	1.087	135.4462214
0.981	353.8	136.4921301	27.22	1.218	351.9	137.1338452
1.231	15.23	139.7950453	27.17	1.244	10.39	137.3248743
1.168	52.16	181.1229978	27.2	1.103	46.42	193.3112374
1.57	38.86	171.7891478	27.21	1.643	36.43	166.433535
0.963	16.48	140.6120976	27.23	1.05	13.26	138.6593529
1.082	354.5	136.2949008	27.36	1.305	355.1	136.1424529
1.11	348.6	138.6276173	27.43	1.342	350.8	137.577514
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1.556	32.39	158.8372479	27.52	1.647	27.07	150.9159854
1.264	54.32	175.9281512	27.47	1.558	49.22	189.1557226
1.064	43.55	184.1527842	27.49	1.253	41.26	177.7521939
1.293	20.61	143.8748855	27.48	1.474	24.64	147.9661342
1.07	20.76	144.0104453	27.5	1.232	14.07	139.1041715
0.8	49.61	188.020614	27.58	0.94	41.68	178.8713269
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1.283	62.07	161.262604	27.69	1.448	56.99	170.2280503
1.319	57.94	168.3745904	27.56	1.524	52.26	180.8700058
1.425	80.6	143.5887269	27.48	1.481	76.14	146.0957421
1.232	70.92	150.3224127	27.36	1.282	64.13	158.234044
1.06	28.47	152.7961027	27.27	1.386	28.57	152.9357017
1.18	25.82	149.3504792	27.04	1.549	23.49	146.7007839
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0.976	348.5	138.6806025	26.58	1.045	347.7	139.1212357
1.499	343.1	142.25535	26.44	1.617	338.2	146.8183282
1.325	319.3	181.1257634	26.3	1.664	315.1	194.2803784

26.91	2.011	6.929	136.1988346	137.0147477	Yes
26.92	2.014	55.38	173.574867	180.9952578	Yes
26.91	1.797	79.37	144.1844153	144.1721577	Yes
27	0.68	30.35	155.5441203	149.2749844	Yes
27.22	1.188	57.21	169.791045	172.6350635	Yes
27.21	2.168	71.91	149.4061737	151.3619732	Yes
27.07	2.262	81.1	143.3668232	143.6163974	Yes
26.94	1.53	72.65	148.7574286	152.9898081	Yes
27.06	1.267	65.6	156.2631643	154.4874999	Yes
27.11	1.125	41.48	178.3354589	169.4221067	Yes
27.31	1.785	72.32	149.0429656	153.1947964	Yes
27.25	1.713	107.8	147.6513318	143.9892282	Yes
27.18	1.081	137.8	185.5005447	175.6370277	Yes
27.37	1.029	75.24	146.7210217	163.3349376	Yes
27.43	1.051	43.7	184.5985921	174.8987489	Yes
27.5	1.803	37.45	168.6034878	167.658417	Yes
27.42	1.979	44.33	186.5088642	176.3395562	Yes
27.16	2.49	34.76	163.1084555	168.1783103	Yes
27.05	1.299	32.58	159.1614316	156.9381257	Yes
27.11	1.257	37.51	168.7345691	157.1617016	Yes
27.32	1.493	42.94	182.3745831	182.2243896	Yes
27.26	1.589	59.19	166.0651004	183.6440589	Yes
27.3	1.041	5.075	135.8058828	136.2420777	Yes
27.38	1.911	339.4	145.5749597	150.2373654	Yes
27.29	1.678	12.85	138.4458054	139.5907287	Yes
27.15	0.845	9.49	136.9821015	136.9414214	Yes
27.15	1.424	358.5	135.564413	136.829891	Yes
27.11	1.564	13.75	138.9247815	138.9698123	Yes
27.14	1.365	44.58	187.2842257	181.888007	Yes
27.14	1.959	38.85	171.7657621	168.9135685	Yes
27.15	1.285	15.6	140.0289626	139.6514317	Yes
27.29	1.541	356.5	135.8458714	136.1050517	Yes
27.36	1.507	352.2	137.0220917	138.2686228	Yes
27.4	1.308	8.59	136.6746742	135.9734912	Yes
27.45	2.161	32.42	158.8882309	155.4696471	Yes
27.33	1.86	52.47	180.3428003	181.8388158	Yes
27.35	1.391	46.6	193.9326112	184.6779872	Yes
27.39	1.626	26.97	150.7868892	145.5418602	Yes
27.41	1.489	16.49	140.618943	144.4203732	Yes
27.48	0.929	46.85	194.8054895	187.6658017	Yes
27.65	1.151	56.34	171.5473078	179.0319394	Yes
27.61	1.761	62.45	160.6795599	164.2144664	Yes
27.4	1.801	55.04	174.316317	178.0309423	Yes
27.33	1.917	80.4	143.6807474	145.2739676	Yes
27.24	1.602	63.3	159.4157407	150.8205864	Yes
27.14	1.566	29.19	153.8174424	153.7858253	Yes
26.93	1.679	27.1	150.9548471	147.5671142	Yes
26.67	1.809	9.01	136.8137675	136.6029036	Yes
26.52	1.344	355.4	136.0719483	139.2980609	Yes
26.41	1.983	340.9	144.1380905	143.5484097	Yes
26.29	1.786	321.6	175.0303206	185.801425	Yes

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7/24/2019	14:04	28.09	0.558
7/24/2019	14:05	28.15	0.811
7/24/2019	14:06	28.1	1.093
7/24/2019	14:07	27.96	0.948
7/24/2019	14:08	27.87	1.224
7/24/2019	14:09	27.88	1.123
7/24/2019	14:10	27.75	0.956
7/24/2019	14:11	27.44	0.834
7/24/2019	14:12	27.17	1.079
7/24/2019	14:13	27.09	0.753
7/24/2019	14:14	27.09	0.678
7/24/2019	14:15	27.29	0.732
7/24/2019	14:16	27.51	0.635
7/24/2019	14:17	27.69	0.403
7/24/2019	14:18	27.92	0.167
7/24/2019	14:19	28.18	0.598
7/24/2019	14:20	28.27	0.701
7/24/2019	14:21	28.13	0.453
7/24/2019	14:22	28.07	0.301
7/24/2019	14:23	28.13	0.205
7/24/2019	14:24	28.11	0.437
7/24/2019	14:25	27.85	0.776
7/24/2019	14:26	27.64	0.811
7/24/2019	14:27	27.57	1.189
7/24/2019	14:28	27.52	0.775
7/24/2019	14:29	27.7	0.976
7/24/2019	14:30	27.82	1.099
7/24/2019	14:31	27.89	0.852
7/24/2019	14:32	28.01	0.698
7/24/2019	14:33	28.09	0.743
7/24/2019	14:34	28.14	0.578
7/24/2019	14:35	28.23	0.52
7/24/2019	14:36	28.32	0.618
7/24/2019	14:37	28.48	0.484
7/24/2019	14:38	28.57	0.722

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333.9	152.0140384	26.3
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339.9	145.0817692	26.1
317.6	186.1096044	26.38
326.6	163.9580918	26.78
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22.67	145.8473086	27.48
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61.66	161.90446	28.03
35.57	164.6869926	28.22
27.53	151.5186485	28.36
342.3	142.9099119	28.45
68.55	152.7496223	28.47
30.97	156.5095051	28.38
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49.6	188.0494405	27.85
52.59	180.0440013	27.5
44.57	187.253019	27.18
57.32	169.5743187	27.11
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22.85	146.0312455	27.39
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292.5	151.9449052	27.88
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78	144.932729	28.61
93.6	141.431807	28.54
212.6	159.1957351	28.51
17.8	141.5589225	28.59
321.4	175.5328989	28.55
344.5	141.1899582	28.23
337	148.1486618	27.92
336.1	149.2056183	27.81
9.21	136.882689	27.73
346.8	139.6529623	27.93
329.6	158.5161218	28.07
330.9	156.3989918	28.14
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317.5	186.4164902	28.35
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333.2	152.9777221	28.49
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279.9	143.0358082	28.72
45.89	191.5154402	28.81

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0.889	348.8
1.117	344.7
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0.773	336.2
0.959	319.7
1.039	325.8
0.892	339.2
0.407	17.25
0.431	287.7
0.544	53.95
0.498	27.62
0.77	28.07
0.713	349.2
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1.118	35.91
1.108	19.94
1.364	64.06
1.374	57.02
1.337	50.69
1.218	58.4
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0.833	51.01
0.815	36.75
0.921	27.59
0.964	24.58
0.54	284.3
0.329	265.2
0.521	27.71
0.734	74.77
0.612	93
0.288	223.6
0.181	353.9
0.354	321.2
0.766	349.8
0.844	339
1.386	341.4
0.729	0.437
1.032	339.1
1.185	334.8
1.104	326.4
0.83	331.8
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0.688	305.8
0.503	304.6
0.727	324.8
0.61	299.8
0.965	42.87

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135.4499225	27.43
145.8778326	27.65
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155.0123664	27.92
191.0071128	27.97
172.2544374	28
169.810806	28.12
167.6326681	28.21
161.3712442	28.35
182.1740368	28.44

1.402	321.2	176.0405229	26.19	1.561	319.7	180.0143756
1.371	333.1	153.1182603	26.09	1.686	331.4	155.6208578
1.323	357.7	135.6570213	25.99	1.36	357.8	135.6439919
1.04	347.8	139.0645196	25.96	1.249	342.6	142.6604859
1.414	346.6	139.7763685	25.94	1.568	345.3	140.6257933
1.382	328.1	161.1359522	25.94	1.709	326.4	164.3504379
1.246	337.8	147.2519401	25.96	1.462	336.8	148.379085
1.081	335.2	150.3151193	26.01	1.069	333.2	152.9777221
1.2	316.3	190.2254851	26.28	1.315	316.7	188.9294126
0.968	324.1	169.1522337	26.61	1.223	329.1	159.3677662
0.982	336.7	148.4952449	26.93	1.092	337	148.1486618
0.485	37.59	168.9099499	27.18	0.478	9.58	137.0147815
0.391	284.1	145.1087319	27.54	0.429	278.7	142.5941034
0.67	55.93	172.4015023	27.74	0.701	50.02	186.8511689
0.674	37.48	168.6689799	27.91	0.723	31.38	157.1646719
0.933	30.13	155.2087741	28	1.068	24.57	147.8867821
0.794	346.1	140.0933217	28.02	1.04	351.6	137.249547
1.407	69.02	152.2412889	28.02	1.54	62.89	160.0184597
1.551	35.28	164.1145653	27.88	1.727	27.66	151.6916155
1.524	19.24	142.6934665	27.68	1.804	15.32	139.8513355
1.755	63.48	159.1551325	27.58	1.929	61.44	162.254416
1.776	57.93	168.3936501	27.57	1.987	53.84	177.0350136
1.514	53.15	178.6729011	27.42	1.838	49.87	187.2762115
1.441	55.67	172.9522144	27.1	1.692	53.72	177.3158595
1.63	46.54	193.7248307	26.86	1.812	44.54	187.1594953
1.065	49.97	186.9924928	26.83	1.154	46.13	192.3224423
0.935	33.69	161.1178323	26.89	1.053	33.16	160.1702294
1.033	24.65	147.9774952	27.14	1.372	24.57	147.8867821
1.07	24.36	147.6505563	27.37	1.389	23.95	147.1972059
0.575	289.3	148.8864702	27.52	0.677	289.3	148.8864702
0.273	289	148.6296284	27.76	0.434	278.3	142.4613373
0.842	27.09	150.9418864	28.09	0.775	19.41	142.8345813
0.949	78.64	144.5718981	28.19	0.929	67.91	153.463978
0.648	95.6	141.7514553	28.05	0.676	88.5	141.3988308
0.345	201.3	144.5088047	28.03	0.349	344.3	141.3360215
0.211	4.551	135.7209535	28.12	0.314	355.5	136.0492916
0.578	320.8	177.0711342	28.03	0.603	319.8	179.7400211
1.035	348.9	138.471433	27.68	1.163	347.3	139.3528135
1.154	340.6	144.4152874	27.41	1.392	335.4	150.0639356
1.603	341.4	143.6871825	27.34	2.154	339.8	145.1792559
1.087	5.757	135.9336213	27.3	1.258	2.368	135.4899693
1.367	339.7	145.2773166	27.51	1.579	340.4	144.6028841
1.362	338.1	146.9258206	27.63	1.86	339.1	145.8778326
1.304	331.7	155.1633342	27.66	1.793	330.2	157.5218261
0.99	332.9	153.4015168	27.73	1.265	334.8	150.8255466
1.014	312.4	188.6290418	27.75	1.283	315.1	194.2803784
0.739	299.2	160.4525084	27.77	0.875	303.5	167.6946976
0.56	316.4	189.898934	27.9	0.659	299.8	161.3712442
0.973	337.2	147.9207527	28	1.226	331.8	155.0123664
0.649	299.8	161.3712442	28.16	0.887	303.1	166.9533691
1.076	40.37	175.4571919	28.22	1.337	40.19	175.0053231

26.19	1.782	324.6	168.0614801	173.2111269	Yes
26.09	1.97	336.9	148.2635581	154.0170566	Yes
26.01	1.754	2.031	135.4718928	136.0806669	Yes
25.99	1.448	349.2	138.3193881	140.1844415	Yes
25.99	1.908	348.1	138.8971847	139.7043221	Yes
26	1.948	332.9	153.4015168	160.6399483	Yes
26.02	1.718	339.1	145.8778326	145.5358191	Yes
26.08	1.412	337.7	147.3618674	149.3650563	Yes
26.32	1.575	322	174.0400802	186.3197194	Yes
26.62	1.265	329.5	158.684756	164.5072717	Yes
26.9	1.164	341.6	143.5106627	146.7322506	Yes
27.14	0.577	16.19	140.4157313	148.2314495	Yes
27.56	0.393	273.3	141.3988308	145.4885451	Yes
27.77	0.805	51.45	182.9559362	174.4840408	Yes
27.95	0.813	39.14	172.4486806	160.5397285	Yes
27.99	1.192	24.69	148.0230018	151.7147689	Yes
27.94	1.099	358.2	135.5960285	139.6430422	Yes
27.96	1.939	66.54	155.0814128	155.1153625	Yes
27.75	2.201	29.45	154.1956303	159.4210806	Yes
27.56	2.043	19.14	142.611174	140.9977468	Yes
27.44	2.343	63.06	159.7670066	159.6559909	Yes
27.43	2.521	55.99	172.2754156	176.1587773	Yes
27.23	2.155	51.67	182.3810308	184.7474704	Yes
26.93	1.986	57.75	168.7383433	174.4550145	Yes
26.72	2.137	48.69	190.7347283	190.2338135	Yes
26.72	1.431	49.96	187.0208004	183.2535325	Yes
26.8	1.177	36.82	167.2503421	163.3793464	Yes
27.07	1.39	26.91	150.7097577	148.373464	Yes
27.28	1.473	26.03	149.6062451	148.1434093	Yes
27.46	0.662	298.3	159.1263255	148.7365911	Yes
27.74	0.378	310.2	182.5632711	143.6278561	Yes
28.06	0.988	24.14	147.4060101	150.2239158	Yes
28.13	1.056	73.59	147.9768362	147.5081897	Yes
28.01	0.654	89.4	141.3232279	141.4879595	Yes
28.13	0.312	252.5	148.8864702	157.3353921	Yes
28.21	0.337	8.09	136.5190089	137.4479599	Yes
28.06	0.774	328.6	160.24088	177.0961443	Yes
27.68	1.377	353.5	136.5830783	139.2604585	Yes
27.38	1.643	339.9	145.0817692	147.1519614	Yes
27.31	2.235	349.5	138.1714606	145.4398098	Yes
27.26	1.514	9.62	137.0294194	135.9390505	Yes
27.42	1.9	346.4	139.9016992	143.8527489	Yes
27.51	1.914	344.3	141.3360215	150.5363304	Yes
27.55	1.873	332.4	154.1225109	158.3586475	Yes
27.58	1.438	337.8	147.2519401	150.6439376	Yes
27.61	1.281	319	181.9742025	190.0832558	Yes
27.67	0.956	300.1	161.8412498	170.4192605	Yes
27.84	0.831	305.7	172.0452245	168.5146766	Yes
27.92	1.312	341.5	143.5986496	155.0952999	Yes
28.08	0.879	309.2	180.0191816	158.1829164	Yes
28.08	1.529	40.61	176.0660376	181.037998	Yes

17.02
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4.799
5.405
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9.78
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8.08
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6.97
8.24
11.43
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12.66
16.62
23.27

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7/24/2019	14:40	28.63	0.938
7/24/2019	14:41	28.53	0.902
7/24/2019	14:42	28.47	0.967
7/24/2019	14:43	28.44	1.01
7/24/2019	14:44	28.42	0.897
7/24/2019	14:45	28.37	0.859
7/24/2019	14:46	28.35	0.602
7/24/2019	14:47	28.36	0.624
7/24/2019	14:48	28.37	0.628
7/24/2019	14:49	28.39	0.733
7/24/2019	14:50	28.39	0.833
7/24/2019	14:51	28.42	0.789
7/24/2019	14:52	28.38	0.53
7/24/2019	14:53	28.37	0.596
7/24/2019	14:54	28.42	0.925
7/24/2019	14:55	28.35	1.134
7/24/2019	14:56	28.18	1.402
7/24/2019	14:57	28.03	1.112
7/24/2019	14:58	27.66	1.078
7/24/2019	14:59	27.29	1.107
7/24/2019	15:00	26.99	1.118
7/24/2019	15:01	26.69	1.089
7/24/2019	15:02	26.46	1.161
7/24/2019	15:03	26.3	0.992
7/24/2019	15:04	26.29	0.833
7/24/2019	15:05	26.58	0.703
7/24/2019	15:06	27.02	1.223
7/24/2019	15:07	27.29	1.196
7/24/2019	15:08	27.44	1.005
7/24/2019	15:09	27.72	0.838
7/24/2019	15:10	27.94	1.052
7/24/2019	15:11	28.03	1.162
7/24/2019	15:12	28.05	0.879
7/24/2019	15:13	28.09	0.864
7/24/2019	15:14	28.14	0.808
7/24/2019	15:15	28.15	0.637
7/24/2019	15:16	28.25	0.47
7/24/2019	15:17	28.44	0.601
7/24/2019	15:18	28.54	0.88
7/24/2019	15:19	28.53	0.927
7/24/2019	15:20	28.51	0.807
7/24/2019	15:21	28.51	0.803
7/24/2019	15:22	28.55	1.027
7/24/2019	15:23	28.47	0.986
7/24/2019	15:24	28.4	1.048
7/24/2019	15:25	28.38	0.927
7/24/2019	15:26	28.34	1.039
7/24/2019	15:27	28.35	0.643
7/24/2019	15:28	28.29	0.737
7/24/2019	15:29	28.27	1.058

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6.842	136.1771527	28.86
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28.21	152.4365042	28.58
21.5	144.6975271	28.53
41.04	177.1753354	28.49
17.98	141.6948677	28.49
58.54	167.2481347	28.52
82.6	142.7702052	28.58
19.38	142.8095671	28.65
4.834	135.7653983	28.61
357.7	135.6570213	28.63
19.1	142.5784051	28.59
326.4	164.3504379	28.61
7.49	136.3463662	28.66
324.1	169.1522337	28.57
3.789	135.6178633	28.34
6.161	136.0184994	28.15
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24.75	148.0914495	27.32
17.79	141.5514186	26.98
15.95	140.2563494	26.69
7.324	136.3013169	26.47
353.8	136.4921301	26.33
8.59	136.6746742	26.35
11.9	137.9805921	26.71
328.4	160.5962459	27.25
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1.031	135.445854	27.69
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339.9	145.0817692	28.2
330.3	157.3589946	28.26
324.7	167.8465446	28.28
334.6	151.0848301	28.3
340.1	144.8885107	28.35
5.023	135.7969423	28.39
8.03	136.5010511	28.56
3.458	135.5805987	28.81
358.3	135.5850754	28.93
10.96	137.560441	28.87
18.15	141.8247868	28.82
9.94	137.1490436	28.78
348.4	138.734051	28.8
13.96	139.0419647	28.69
36.82	167.2503421	28.59
337.6	147.4724086	28.54
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7.274	136.2879778	28.56
6.623	136.1239937	28.5
10.12	137.2183062	28.48

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0.986	5.36
1.08	30.57
0.907	36.68
1.16	32.8
1.005	19.56
0.917	42.46
0.746	38.25
0.722	66.2
0.674	77.16
1.015	22.18
0.907	4.986
0.795	8.03
0.634	31.15
0.646	335
1.103	5.16
1.276	327.7
1.805	2.096
1.209	13
1.451	29.88
1.207	22.31
1.373	14.72
1.445	20.98
1.464	15.03
1.135	359.5
0.963	12.4
0.727	3.708
1.528	326.7
1.57	333.9
0.927	6.323
1.001	4.235
1.199	344.5
1.071	323.2
1.161	328.5
0.936	341.4
0.903	349
0.63	7.847
0.364	19.91
0.599	12.44
0.793	5.327
0.908	22.3
1.052	29.94
1.023	4.66
0.993	353
1.211	20.18
1.085	38.83
1	345.8
0.995	5.811
0.689	20.48
0.781	358.6
1.072	2.524

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135.8568929	28.48
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142.9603725	28.14
181.0136098	28.12
170.3836242	28.13
155.5019575	28.18
145.4366832	28.24
145.3561795	28.3
135.7906495	28.22
136.5010511	28.22
156.7954769	28.2
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161.8681603	28.16
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138.5230334	27.79
154.8322143	27.41
145.4851199	27.04
139.4834113	26.75
144.2115191	26.5
139.6713509	26.32
135.4859439	26.22
138.2203136	26.25
135.608324	26.62
163.7633675	27.14
152.0140384	27.37
136.0544652	27.48
135.6752706	27.78
141.1899582	27.95
171.184873	27.96
160.4181218	27.94
143.6871825	27.97
138.4202926	27.99
136.4472329	28.03
143.2585735	28.24
138.2399824	28.48
135.8508125	28.6
145.4751667	28.53
154.922153	28.48
135.7376763	28.47
136.743267	28.45
143.4931307	28.29
171.7190255	28.2
140.2893212	28.15
135.944569	28.11
143.758403	28.19
135.5547035	28.14
135.499926	28.13

0.84	9.59	137.0184344	28.2	0.947	5.125	135.8145862
1.258	6.638	136.1275699	28.24	1.558	6.93	136.1990857
1.38	26.41	150.0764315	28.05	1.767	23	146.1859844
1.307	33.76	161.2448603	27.97	1.489	29.49	154.2542604
1.481	33.24	160.3116711	27.99	1.833	28.89	153.3872847
1.304	20.24	143.5457921	27.92	1.516	16.24	140.4492918
1.167	40.73	176.3732109	27.94	1.254	37.17	167.9968879
0.806	37.17	167.9968879	27.97	0.978	31.89	157.9986769
0.927	65.89	155.8921846	28.03	0.989	58.46	167.3963983
0.835	75.84	146.2995666	28.09	0.901	68.49	152.8155015
1.234	22.78	145.9594882	28.12	1.479	20.09	143.4145057
1.142	7.804	136.4347952	28	1.368	4.746	135.7512201
1.019	1.826	135.4631913	28	1.195	3.857	135.6260819
0.643	30.61	155.9452829	28.01	0.818	25.53	149.0019966
0.827	337.6	147.4724086	28.06	1.032	338.1	146.9258206
1.312	4.412	135.7003465	28.09	1.65	2.22	135.4814528
1.719	330.9	156.3989918	27.96	2.027	330.6	156.8753741
2.264	6.152	136.0165337	27.76	2.754	6.617	136.1225658
1.782	17.44	141.29199	27.6	1.922	11.98	138.0181856
1.647	28.27	152.5190595	27.28	1.924	26.6	150.3151193
1.562	21.93	145.1109551	26.95	1.725	20.75	144.0013693
1.621	13.83	138.9691793	26.68	2.013	15.66	140.0675198
1.695	21.57	144.7641134	26.48	1.963	18.93	142.4400792
1.755	11.4	137.7521729	26.32	1.963	13.4	138.734051
1.454	357.4	135.6986053	26.25	1.584	358.2	135.5960285
1.181	8.7	136.7103661	26.27	1.314	10.35	137.3088835
0.977	4.72	135.7470929	26.6	1.049	3.053	135.5411826
1.679	330	157.8499471	27.09	2.204	330.1	157.6854758
1.646	336.6	148.6120398	27.27	2.161	335.7	149.6921424
1.392	5.948	135.9728936	27.36	1.413	2.656	135.5091368
1.398	3.898	135.6311301	27.66	1.602	359.3	135.4983288
1.481	347.4	139.2942101	27.82	1.861	342.5	142.7430964
1.704	328.8	159.8890273	27.8	1.831	324.7	167.8465446
1.379	328.3	160.7752562	27.75	1.772	329.5	158.684756
1.213	340.9	144.1380905	27.76	1.517	343.8	141.7100752
1.129	343.4	142.0185516	27.79	1.352	346.8	139.6529623
0.906	11.46	137.7789895	27.83	0.938	10.08	137.2027914
0.539	12.8	138.4202926	28.06	0.496	4.807	135.7610138
0.795	10.1	137.21054	28.31	0.92	9.2	136.8792016
1.269	6.276	136.0439167	28.41	1.267	3.092	135.5446826
1.236	15.86	140.1973082	28.35	1.294	17.48	141.3213241
1.252	24.56	147.875471	28.32	1.489	25.13	148.5302166
1.069	7.791	136.4310505	28.29	1.535	358.2	135.5960285
1.325	352	137.0961561	28.25	1.548	352.9	136.7766005
1.488	17.69	141.4766601	28.07	1.692	16.68	140.7499462
1.463	35.72	164.9863079	27.99	1.686	32.49	159.0074881
1.345	347.3	139.3528135	27.95	1.617	347.6	139.1784222
1.358	6.241	136.036122	27.91	1.61	6.844	136.1776476
0.748	17.84	141.5889893	28	1.08	13.48	138.7771439
1.031	5.18	135.8242806	27.96	1.254	1.358	135.4498274
1.45	4.397	135.6981709	27.94	1.692	359.6	135.4803714

28.03	1.003	7.615	136.3810644	136.4891182	Yes
28.09	1.818	12.25	138.1472048	136.0901753	Yes
27.83	2.136	22.47	145.6451605	151.4260478	Yes
27.77	1.852	28.24	152.4777498	160.5335069	Yes
27.77	2.213	34.45	162.5208477	156.419029	Yes
27.69	1.698	20.4	143.6871825	142.9132459	Yes
27.76	1.429	40.19	175.0053231	175.639761	Yes
27.81	1.11	34.52	162.6527471	159.5185142	Yes
27.86	1.179	60.92	163.097228	161.5096688	Yes
27.94	1.002	67.72	153.6810409	146.8304891	Yes
27.98	1.591	23.64	146.8612526	144.3849351	Yes
27.83	1.646	5.377	135.8600431	135.9355158	Yes
27.81	1.308	5.63	135.9083567	135.8118364	Yes
27.87	0.799	29.46	154.2102766	151.0802904	Yes
27.94	1.113	340.5	144.5088047	152.3294125	Yes
27.94	1.881	1.473	135.4522736	135.8372266	Yes
27.8	2.359	336.6	148.6120398	161.07369	Yes
27.6	3.265	11.68	137.8787007	135.8079942	Yes
27.43	2.457	14.31	139.2418717	138.4629271	Yes
27.14	2.37	26.45	150.1264814	149.5339701	Yes
26.86	2.363	24.2	147.4724086	145.6722234	Yes
26.63	2.5	19.04	142.5294102	140.0178822	Yes
26.46	2.41	19.28	142.7265319	142.9180153	Yes
26.34	2.356	15.54	139.9905802	138.1147229	Yes
26.29	1.989	1.394	135.4505345	135.818177	Yes
26.32	1.503	11.88	137.971239	137.2285594	Yes
26.65	1.283	5.942	135.9716365	136.2192979	Yes
27.1	2.456	336.1	149.2056183	159.9737591	Yes
27.21	2.478	341.2	143.8658923	149.5033903	Yes
27.28	1.855	7.147	136.2545746	135.7455874	Yes
27.61	2.091	4.727	135.7482013	135.6452434	Yes
27.71	2.127	351.4	137.328883	142.0772585	Yes
27.68	2.288	334	151.8792052	164.0698599	Yes
27.63	1.907	333	153.2595242	161.9311697	Yes
27.66	1.606	346.5	139.8387928	145.1550446	Yes
27.68	1.491	351	137.4928614	141.2450793	Yes
27.75	1.08	16.41	140.5643188	136.806489	Yes
28.02	0.591	2.937	135.5311446	138.4852327	Yes
28.28	1.116	12.42	138.2301389	136.9775807	Yes
28.31	1.658	6.635	136.1268539	135.7561218	Yes
28.25	1.498	19.87	143.2241598	141.13856	Yes
28.23	1.697	25.73	149.2417458	148.2881569	Yes
28.19	1.556	1.137	135.4466587	136.2284497	Yes
28.09	1.841	355.3	136.0950271	137.3375186	Yes
27.91	2.032	15.56	140.0033549	141.1904254	Yes
27.82	2.059	30.12	155.1936198	165.7407909	Yes
27.82	1.79	353	136.743267	141.5732413	Yes
27.78	1.944	12.42	138.2301389	136.0423032	Yes
27.9	1.271	23.87	147.1099488	140.1031285	Yes
27.86	1.45	3.466	135.5814458	135.7382013	Yes
27.82	1.989	360	135.4622116	135.9741936	Yes

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7/24/2019	15:31	28.18	1.065
7/24/2019	15:32	28.18	1.13
7/24/2019	15:33	28.21	0.835
7/24/2019	15:34	28.22	0.735
7/24/2019	15:35	28.3	0.991
7/24/2019	15:36	28.25	1.093
7/24/2019	15:37	28.26	0.323
7/24/2019	15:38	28.49	0.21
7/24/2019	15:39	28.61	0.578
7/24/2019	15:40	28.55	1.314
7/24/2019	15:41	28.37	1.182
7/24/2019	15:42	28.22	0.865
7/24/2019	15:43	28.21	0.806
7/24/2019	15:44	28.16	1.274
7/24/2019	15:45	28.07	1.074
7/24/2019	15:46	28.01	1.11
7/24/2019	15:47	28.05	0.629
7/24/2019	15:48	28.15	0.993
7/24/2019	15:49	28.16	0.83
7/24/2019	15:50	28.15	0.714
7/24/2019	15:51	28.25	0.483
7/24/2019	15:52	28.29	0.768
7/24/2019	15:53	28.04	0.947
7/24/2019	15:54	27.76	0.693
7/24/2019	15:55	27.44	1.132
7/24/2019	15:56	27.08	1.092
7/24/2019	15:57	26.76	1.042
7/24/2019	15:58	26.49	0.813
7/24/2019	15:59	26.29	0.881
7/24/2019	16:00	26.26	0.972
7/24/2019	16:01	26.56	1.014
7/24/2019	16:02	26.89	1.031
7/24/2019	16:03	27.17	0.813
7/24/2019	16:04	27.44	0.938
7/24/2019	16:05	27.66	1.225
7/24/2019	16:06	27.79	1.149
7/24/2019	16:07	27.88	0.765
7/24/2019	16:08	27.98	0.846
7/24/2019	16:09	28.08	0.952
7/24/2019	16:10	28.15	0.743
7/24/2019	16:11	28.25	0.777
7/24/2019	16:12	28.33	0.726
7/24/2019	16:13	28.33	0.961
7/24/2019	16:14	28.22	1.162
7/24/2019	16:15	28.16	0.843
7/24/2019	16:16	28.15	0.699
7/24/2019	16:17	28.17	0.823
7/24/2019	16:18	28.17	0.413
7/24/2019	16:19	28.23	0.512
7/24/2019	16:20	28.35	0.719

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36.04	165.632304	28.52
5.656	135.9134738	28.46
229.2	189.2145397	28.45
347.8	139.0645196	28.76
342.1	143.0788632	29
25.55	149.0258552	28.93
27.04	150.8771851	28.66
45.77	191.1157275	28.45
37.27	168.2125681	28.43
33.62	160.9912443	28.37
27.75	151.8120516	28.25
63.57	159.0257357	28.2
25.67	149.1695492	28.28
17.55	141.3728539	28.4
40.84	176.6564114	28.42
58.26	167.7696433	28.44
32.1	158.3483275	28.58
22.46	145.6351144	28.64
20.3	143.5986496	28.35
49.06	189.6279338	28.01
332.1	154.5640391	27.62
345.7	140.355632	27.22
346.7	139.7144254	26.88
343.5	141.9406579	26.62
343.4	142.0185516	26.42
357.5	135.6843278	26.4
340.3	144.6975271	26.75
347.7	139.1212357	27.17
340	144.9848547	27.53
324.1	169.1522337	27.86
316.8	188.6095808	28.08
310.7	183.8836779	28.19
347	139.5314724	28.28
347.9	139.008273	28.41
327.1	162.994021	28.52
333.3	152.8379067	28.59
314.3	195.7142115	28.71
327.9	161.5002424	28.81
328.2	160.955157	28.8
330.4	157.1969778	28.68
318	184.8977039	28.6
326.7	163.7633675	28.61
31.46	157.2940903	28.65
16.17	140.4023415	28.67
344.7	141.0459134	28.79
11.69	137.8832848	29

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1.168	30.82
0.786	30.93
0.975	31.53
1.234	15.87
0.418	263.2
0.233	23.47
0.723	348.7
1.411	28.84
1.42	36.81
0.894	44.85
1.141	39.54
1.355	39.66
1.358	40.13
1.064	63.88
0.742	28.79
1.073	21.21
0.869	51.74
0.792	64.27
0.696	27.39
0.937	24.33
1.147	25.11
0.702	44.01
1.255	335.6
1.387	347
1.274	343.2
1.395	344.9
1.213	348.4
1.075	358.6
1.243	351.7
1.058	347.9
0.726	341.1
1.164	330.2
1.151	318
1.303	308.4
0.805	341.3
0.9	346.9
1.02	323.1
0.848	323
0.864	320.6
0.795	329.6
1.232	332.8
1.177	330
1.16	316.2
0.677	323.1
0.819	36.02
0.692	30.16
0.715	330.6
0.906	16.24

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153.3162337	28.56
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153.2453651	28.08
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182.1994257	28.18
158.0397043	28.21
151.3336872	28.36
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148.5068957	28.04
185.5308493	27.74
149.8154124	27.36
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140.9038772	26.42
138.734051	26.26
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139.008273	27.08
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153.5442409	28.37
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171.416365	28.19
165.5916296	28.23
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156.8753741	28.37
140.4492918	28.57

1.566	346.9	139.5919783	27.93	1.857	345.2	140.6945686
1.585	359.1	135.5123672	27.88	2.014	359.9	135.4661321
1.612	33.39	160.5783937	27.89	1.796	32.38	158.8202706
1.345	28.56	152.9217094	27.93	1.704	31.31	157.0518563
1.038	28.39	152.6849415	27.92	1.21	26.58	150.2898807
1.423	33.86	161.4270952	28.06	1.619	30.12	155.1936198
1.565	12.2	138.1230627	27.94	1.86	13.15	138.6012982
0.409	255.3	146.6780426	27.95	0.595	261.9	143.0358082
0.287	354.9	136.1915717	28.29	0.324	33.97	161.6285993
0.827	346.9	139.5919783	28.51	1.01	347.6	139.1784222
1.78	24.87	148.2290231	28.37	2.079	23.85	147.0881955
1.833	30.99	156.541152	28.1	1.985	33.21	160.2585646
1.247	42.86	182.1454455	27.96	1.447	39.48	173.2619693
1.211	34.87	163.3191358	27.98	1.654	35.22	163.9971522
1.688	37.39	168.4727947	27.91	1.961	37.6	168.9319213
1.701	35.93	165.4090908	27.83	1.928	36.3	166.1647422
1.426	58.55	167.2296431	27.82	1.553	55.33	173.6831248
0.977	28.88	153.3730599	27.91	1.162	24.31	147.5947153
1.495	18.78	142.3192892	27.99	1.688	20.9	144.1380905
1.234	45.45	190.0619969	27.98	1.257	44.05	185.6522236
0.939	64.69	157.4651636	28.01	1.108	56.04	172.1706283
0.827	27.89	152.0005235	28.14	1.094	24.3	147.5835656
1.195	20.23	143.5370015	28.14	1.432	21.17	144.3873415
1.268	21.28	144.4900564	27.82	1.7	17.98	141.6948677
1.005	43.01	182.5758442	27.55	1.096	40.81	176.5790202
1.587	338.4	146.6051528	27.22	1.847	334	151.8792052
1.524	344.2	141.4098131	26.88	1.877	343.6	141.8632814
1.567	343.2	142.1758963	26.61	1.827	341.9	143.249962
1.317	343.6	141.8632814	26.41	1.793	340	144.9848547
1.325	346.8	139.6529623	26.27	1.627	343.2	142.1758963
1.414	359.7	135.475212	26.3	1.519	357.7	135.6570213
1.317	348.1	138.8971847	26.67	1.67	349.3	138.2696225
1.351	349.5	138.1714606	27.02	1.449	345.8	140.2893212
1.176	340.2	144.7927354	27.29	1.207	335.6	149.8154124
1.343	328.4	160.5962459	27.55	1.631	326.3	164.548069
1.632	321	176.5532489	27.68	1.887	316.6	189.2509084
1.525	312.8	189.8060036	27.73	1.897	312.8	189.8060036
1.115	345.2	140.6945686	27.77	1.266	342.1	143.0788632
1.328	351.6	137.249547	27.85	1.38	342.5	142.7430964
1.414	326.2	164.7466785	27.91	1.588	323.1	171.416365
1.112	331.9	154.8621634	27.92	1.321	324.8	167.6326681
0.982	322.1	173.7955882	28.01	1.323	319	181.9742025
1.201	333.4	152.6988115	28.08	1.284	327.4	162.4269132
1.536	331.5	155.4675767	28.01	1.955	333.6	152.4227699
1.513	328.4	160.5962459	27.9	1.757	328.1	161.1359522
1.368	319.5	180.5672593	27.84	1.808	318.2	184.3010071
0.948	327.3	162.6150149	27.85	1.047	327.9	161.5002424
1.265	29.59	154.4013604	27.89	1.341	29.68	154.5343933
0.778	26.23	149.852522	27.89	1.003	23.54	146.7541227
0.729	344.1	141.484113	28.03	1.121	329.6	158.5161218
1.012	14.61	139.4178249	28.21	1.212	11.83	137.9479351

27.78	2.337	348.6	138.6276173	140.6860172	Yes
27.74	2.24	2.691	135.5116999	135.5405047	Yes
27.76	2.234	33.08	160.0293488	162.5178514	Yes
27.8	1.949	31.12	156.7476349	153.3418919	Yes
27.8	1.361	28.51	152.8518558	158.1888803	Yes
27.96	1.993	35.37	164.2913386	159.9151943	Yes
27.77	2.244	12.28	138.1617447	138.2104209	Yes
27.85	0.567	263.3	142.5268211	155.3721569	Yes
28.26	0.317	348.3	138.7879636	145.8910453	Yes
28.5	1.184	353.2	136.6778973	140.1060896	Yes
28.27	2.607	23.52	146.7327691	149.4148269	Yes
27.98	2.426	33.25	160.3293909	158.7265257	Yes
27.84	1.807	39.17	172.5198901	183.6640182	Yes
27.87	1.819	36.57	166.7249399	167.2339448	Yes
27.78	2.352	38.24	170.3609349	168.023523	Yes
27.71	2.375	35.1	163.7633675	164.5603711	Yes
27.73	1.822	55.21	173.9440363	164.6307834	Yes
27.84	1.368	32.16	158.4489035	150.8456724	Yes
27.92	2.074	20.64	143.9018981	143.0637118	Yes
27.92	1.558	43.23	183.2130662	183.6425144	Yes
27.94	1.285	58	168.2604307	163.8612849	Yes
28.1	1.164	28.78	153.2312132	152.316526	Yes
28.11	1.657	25.16	148.5652455	145.2941226	Yes
27.78	1.933	22.15	145.3265626	144.5726174	Yes
27.53	1.476	43.15	182.9805229	183.5784119	Yes
27.19	2.086	344.6	141.1176841	150.7159524	Yes
26.88	2.245	346.4	139.9016992	140.7900498	Yes
26.65	2.253	346.3	139.9650888	141.829045	Yes
26.45	1.87	348.3	138.7879636	142.4231678	Yes
26.32	1.81	349.6	138.1230627	140.6453653	Yes
26.38	1.918	0.097	135.4588032	135.5928161	Yes
26.73	1.92	351.2	137.4099861	139.7687186	Yes
27.05	1.755	350.9	137.5349652	139.1475726	Yes
27.31	1.501	341.5	143.5986496	145.8872687	Yes
27.57	1.772	329.8	158.1813694	162.9545937	Yes
27.66	2.221	322.2	173.55231	184.8278605	Yes
27.66	2.017	318.5	183.4173207	185.3921683	Yes
27.72	1.414	348.8	138.5230334	141.7702918	Yes
27.82	1.766	351.5	137.2889944	139.6482237	Yes
27.85	1.885	329	159.540656	167.6433574	Yes
27.86	1.452	332.3	154.2689366	161.7454364	Yes
27.97	1.262	330.6	156.8753741	182.2695598	Yes
28.04	1.65	331.8	155.0123664	158.7855222	Yes
27.94	2.079	338	147.0339187	155.5974361	Yes
27.86	1.969	332.8	153.5442409	159.1947807	Yes
27.76	2.004	323.8	169.8197457	185.0799282	Yes
27.79	1.186	332.6	153.8318952	164.8237474	Yes
27.85	1.55	29.05	153.6158781	157.9553684	Yes
27.85	1.119	29.72	154.5937152	148.0658174	Yes
28.01	1.085	340	144.9848547	149.4803806	Yes
28.2	1.227	14.36	139.2709013	138.9245841	Yes

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7/24/2019	16:21	28.36	0.729
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7/24/2019	16:23	28.17	0.845
7/24/2019	16:24	28.07	0.586
7/24/2019	16:25	28.09	0.363
7/24/2019	16:26	28.17	0.261
7/24/2019	16:27	28.24	0.711
7/24/2019	16:28	28.2	0.707
7/24/2019	16:29	28.19	0.436
7/24/2019	16:30	28.24	0.648
7/24/2019	16:31	28.26	0.445
7/24/2019	16:32	28.31	0.423
7/24/2019	16:33	28.38	0.597
7/24/2019	16:34	28.29	1.031
7/24/2019	16:35	28.21	0.802
7/24/2019	16:36	28.18	1.015
7/24/2019	16:37	28.05	0.833
7/24/2019	16:38	27.99	0.802
7/24/2019	16:39	27.98	0.908
7/24/2019	16:40	28.01	0.531
7/24/2019	16:41	28.1	0.633
7/24/2019	16:42	28.09	0.705
7/24/2019	16:43	28.05	0.886
7/24/2019	16:44	28.05	0.604
7/24/2019	16:45	28.06	0.952
7/24/2019	16:46	27.94	1.113
7/24/2019	16:47	27.85	1.019
7/24/2019	16:48	27.8	0.837
7/24/2019	16:49	27.79	0.571
7/24/2019	16:50	27.83	0.689
7/24/2019	16:51	27.88	0.864
7/24/2019	16:52	27.9	0.555
7/24/2019	16:53	28.06	0.475
7/24/2019	16:54	28.15	0.932
7/24/2019	16:55	28.16	0.984
7/24/2019	16:56	28.16	0.646
7/24/2019	16:57	28.1	1.156
7/24/2019	16:58	27.99	1.091
7/24/2019	16:59	27.99	0.875
7/24/2019	17:00	28	0.973
7/24/2019	17:01	27.91	1.196
7/24/2019	17:02	27.74	1.363
7/24/2019	17:03	27.63	1.198
7/24/2019	17:04	27.58	0.922
7/24/2019	17:05	27.56	0.927
7/24/2019	17:06	27.6	0.964
7/24/2019	17:07	27.63	0.684
7/24/2019	17:08	27.69	0.673
7/24/2019	17:09	27.8	0.762
7/24/2019	17:10	27.89	0.803
7/24/2019	17:11	27.96	0.319

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40.64	176.1426581	29.07
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330.5	157.0357721	29.33
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348.7	138.5750946	29.01
335.4	150.0639356	28.96
357.1	135.7439374	28.75
348	138.952495	28.64
343.5	141.9406579	28.62
357.2	135.7284098	28.67
354.7	136.2423866	28.79
355.3	136.0950271	28.77
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27.87	151.9735147	28.69
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45.06	188.8012808	28.32
33.01	159.906537	28.21
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334.4	151.3468538	28.22
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359.9	135.4661321	27.81
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32.83	159.592691	27.92
30.25	155.3912267	28
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1.235	342.1
0.95	339.7
1.67	341.1
1.179	345.7
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0.843	26.5
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140.1581671	28.37
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145.2773166	28.26
143.9560723	28.17
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146.2898835	28.01
140.6395087	28.02
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140.4023415	27.61
138.6487559	27.57
148.7766238	27.59
151.7584546	27.65
150.1891937	27.71
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142.9099119	27.91
136.1424529	27.99
136.1185285	28.06

1.248	30.05	155.0877545	28.24	1.526	28.78	153.2312132
1.211	28.65	153.0479006	28.11	1.35	24.53	147.8415753
1.45	358.1	135.6073966	27.98	1.795	359.6	135.4803714
1.101	2.808	135.5206358	27.87	1.333	4.739	135.7501061
0.657	12.83	138.4355865	27.93	0.745	17.07	141.0244801
0.518	16.32	140.5032446	28.07	0.826	14.76	139.5074037
1.115	63.4	159.2706591	28.22	1.182	60.42	163.928721
1.29	30.16	155.2542833	28.18	1.331	30.65	156.0074694
0.923	12.1	138.0751192	28.11	1.01	6.69	136.1400414
1.056	36.26	166.0823831	28.15	1.147	37.84	169.462507
0.846	24.57	147.8867821	28.18	0.896	23.34	146.5416687
0.695	15.33	139.8576141	28.28	0.898	11.63	137.8558479
1.029	345.1	140.7638403	28.37	1.316	340.2	144.7927354
1.502	341.9	143.249962	28.19	1.965	342.2	142.9941199
1.23	351.6	137.249547	28.07	1.472	345.3	140.6257933
1.539	345.7	140.355632	28.08	2.052	341.2	143.8658923
1.493	0.697	135.4463501	27.92	1.711	359.9	135.4661321
1.346	350.4	137.7521729	27.88	1.624	346.4	139.9016992
1.435	351.2	137.4099861	27.87	1.779	352.8	136.810367
0.955	354.1	136.4050401	27.92	1.109	348.6	138.6276173
1.086	2.434	135.494059	28.05	1.198	0.295	135.4530513
1.403	355.2	136.1185285	28.02	1.785	354	136.4336422
1.354	356.4	135.8643244	27.95	1.589	355.8	135.9838512
1.05	4.299	135.6841871	27.96	1.213	3.02	135.5382703
1.504	25.17	148.5769345	27.98	1.867	24.96	148.3327984
1.68	25.17	148.5769345	27.84	1.863	28.25	152.4915126
1.46	40.45	175.6593297	27.77	1.644	41.59	178.6295189
1.436	32.91	159.7318313	27.73	1.841	33.84	161.3905759
1.049	39.81	174.0645964	27.75	1.369	40.82	176.6048043
1.077	20.79	144.0377064	27.82	1.38	20.82	144.0650173
1.265	354.7	136.2423866	27.86	1.659	350.5	137.7078372
0.974	355	136.1668004	27.89	1.034	342.8	142.4968525
0.76	342.6	142.6604859	28.09	0.862	334.1	151.7450728
1.322	332.2	154.4161117	28.13	1.636	327.7	161.8681603
1.49	339.4	145.5749597	28.08	1.67	337.9	147.1426245
1.093	343.5	141.9406579	28.04	1.377	338	147.0339187
1.745	336.5	148.729472	27.95	2.305	335.2	150.3151193
1.491	345.9	140.2234999	27.81	1.671	339.9	145.0817692
1.104	343.1	142.25535	27.82	1.556	338.4	146.6051528
1.435	16.3	140.4897269	27.84	1.699	19.76	143.1299668
1.824	27.96	152.0952759	27.74	2.104	30.25	155.3912267
1.889	36.34	166.247264	27.59	2.419	36.7	166.9973396
1.741	15	139.6529623	27.5	1.975	14.89	139.5859062
1.513	9.79	137.0924113	27.47	1.864	13.14	138.5960482
1.358	24.57	147.8867821	27.49	1.744	28.7	153.1182603
1.436	26.17	149.7783622	27.55	1.644	28.11	152.2994813
1.125	29.59	154.4013604	27.59	1.299	29.08	153.6589488
1.187	13.42	138.7447963	27.67	1.4	11.76	137.9154994
1.04	345.3	140.6257933	27.77	1.423	338.5	146.4994658
1.334	354.8	136.2167669	27.84	1.55	353.9	136.4626721
0.594	0.238	135.4545413	27.88	0.818	357.4	135.6986053

28.2	1.889	28.91	153.4157562	153.0531688	Yes
28.04	1.714	26.19	149.8030557	150.4702476	Yes
27.92	2.052	1.43	135.451295	135.6902724	Yes
27.84	1.559	6.548	136.1062551	135.5630032	Yes
27.95	0.861	15.56	140.0033549	141.0965729	Yes
28.13	0.743	16.02	140.3025441	138.5637376	Yes
28.29	1.352	64.21	158.1228186	157.8866001	Yes
28.2	1.564	30.47	155.728617	156.4919222	Yes
28.13	1.213	11.4	137.7521729	137.3876756	Yes
28.14	1.517	34.98	163.5309646	170.9219225	Yes
28.14	1.049	24.15	147.4170611	146.1934719	Yes
28.27	0.98	17.83	141.5814649	138.3985665	Yes
28.36	1.378	346.8	139.6529623	145.6714174	Yes
28.13	2.217	346.5	139.8387928	141.4589588	Yes
28.01	1.692	354.2	136.3768654	139.1521505	Yes
28.03	2.291	350.4	137.7521729	144.6985662	Yes
27.86	2.258	3.419	135.5765073	135.5297137	Yes
27.81	1.942	350.4	137.7521729	138.7953654	Yes
27.8	2.056	1.033	135.4458649	138.5471601	Yes
27.86	1.275	356.9	135.7762441	137.1062542	Yes
27.98	1.526	4.081	135.6545137	135.793337	Yes
27.93	2.064	0.79	135.4457496	136.3992432	Yes
27.85	1.914	1.003	135.4457189	137.2236264	Yes
27.89	1.354	9.87	137.1224924	135.7145763	Yes
27.91	2.207	27.74	151.7986418	150.1939761	Yes
27.75	2.228	26.95	150.7611515	148.1139553	Yes
27.7	1.984	39.09	172.3302336	179.592778	Yes
27.66	2.048	34.31	162.2584154	159.761047	Yes
27.68	1.55	40.21	175.0553305	172.4293273	Yes
27.78	1.391	23.3	146.4994658	143.8249644	Yes
27.83	1.843	355	136.1668004	136.7972706	Yes
27.85	1.322	349.8	138.0276292	138.9695722	Yes
28.08	1.002	347.3	139.3528135	146.082549	Yes
28.1	1.787	334.2	151.6116385	155.3172254	Yes
28.03	2.019	343.3	142.096964	146.9865056	Yes
27.98	1.498	346.4	139.9016992	145.3214529	Yes
27.88	2.465	341.4	143.6871825	147.9620518	Yes
27.75	2.035	348	138.952495	142.1217848	Yes
27.77	1.74	349.7	138.0751192	146.62431	Yes
27.78	2.225	18.35	141.97954	142.6346673	Yes
27.66	2.57	28.55	152.9077242	154.1176376	Yes
27.51	2.835	37.09	167.8251094	165.5236374	Yes
27.45	2.483	17.71	141.491571	140.080496	Yes
27.44	2.083	16.27	140.4694872	137.4508369	Yes
27.47	1.968	31.22	156.9073893	149.0914084	Yes
27.52	2.013	27.46	151.4259984	153.3572473	Yes
27.57	1.665	28.47	152.7961027	153.4101824	Yes
27.65	1.583	13.86	138.9859057	139.1544616	Yes
27.76	1.685	343.6	141.8632814	143.2153522	Yes
27.81	1.827	0.579	135.4476257	136.2177959	Yes
27.85	0.94	8.44	136.6268447	135.6894048	Yes

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7/24/2019	17:12	28.13	0.476
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7/24/2019	17:16	28.48	0.491
7/24/2019	17:17	28.5	0.82
7/24/2019	17:18	28.41	0.989
7/24/2019	17:19	28.32	0.899
7/24/2019	17:20	28.22	0.868
7/24/2019	17:21	28.09	1.134
7/24/2019	17:22	28.02	1.119
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7/24/2019	17:24	27.96	0.767
7/24/2019	17:25	27.98	0.683
7/24/2019	17:26	28.1	0.588
7/24/2019	17:27	28.09	1.074
7/24/2019	17:28	28.01	1.206
7/24/2019	17:29	28	0.778
7/24/2019	17:30	28.08	0.602
7/24/2019	17:31	28.22	0.687
7/24/2019	17:32	28.27	0.794
7/24/2019	17:33	28.3	0.693
7/24/2019	17:34	28.28	0.734
7/24/2019	17:35	28.35	0.348
7/24/2019	17:36	28.48	0.387
7/24/2019	17:37	28.72	0.281
7/24/2019	17:38	28.83	0.698
7/24/2019	17:39	28.87	0.42
7/24/2019	17:40	28.95	0.367
7/24/2019	17:41	28.97	0.517
7/24/2019	17:42	28.94	0.694
7/24/2019	17:43	28.81	0.637
7/24/2019	17:44	28.78	0.561
7/24/2019	17:45	28.72	0.574
7/24/2019	17:46	28.69	0.666
7/24/2019	17:47	28.53	1.137
7/24/2019	17:48	28.26	0.893
7/24/2019	17:49	28.15	0.596
7/24/2019	17:50	28.14	0.725
7/24/2019	17:51	28.12	0.551
7/24/2019	17:52	28.16	0.611
7/24/2019	17:53	28.15	0.678
7/24/2019	17:54	28.1	0.444
7/24/2019	17:55	28.12	0.553
7/24/2019	17:56	28.13	0.492
7/24/2019	17:57	28.17	0.616
7/24/2019	17:58	28.14	0.742
7/24/2019	17:59	28.01	1.006
7/24/2019	18:00	27.91	0.609
7/24/2019	18:01	27.92	0.662
7/24/2019	18:02	27.87	0.878

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343.7	141.786421	29.12
328.8	159.8890273	29.12
318.7	182.8356637	29.21
321.7	174.7809062	29.19
337.9	147.1426245	29.02
351.5	137.2889944	28.87
339.2	145.7762909	28.75
331.7	155.1633342	28.59
333.2	152.9777221	28.5
337.4	147.6953406	28.44
344.5	141.1899582	28.45
330.4	157.1969778	28.49
319.7	180.0143756	28.67
339.5	145.4751667	28.67
330.2	157.5218261	28.56
309.2	180.0191816	28.54
301	163.294883	28.61
321	176.5532489	28.75
322.1	173.7955882	28.81
334.9	150.6969261	28.85
333.1	153.1182603	28.84
338.8	146.1859844	28.96
317.1	187.6599662	29.17
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313.2	191.0071128	29.64
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300.1	161.8412498	29.7
311.7	186.6257896	29.66
321.1	176.2962446	29.6
309.7	181.2753983	29.4
299	160.152474	29.33
309	179.5253688	29.25
318.7	182.8356637	29.22
326	165.1468514	29.03
342.1	143.0788632	28.73
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349.4	138.2203136	28.7
357.5	135.6843278	28.74
338.1	146.9258206	28.85
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343.8	141.7100752	28.81
347.6	139.1784222	28.87
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11.3	137.7078372	28.59
342.9	142.4158267	28.62
338.4	146.6051528	28.54

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0.655	356.9
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0.776	322.3
1.098	325.5
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1.494	350.7
1.332	333.1
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1.176	342.1
1.132	344.5
0.911	331.9
0.796	324.3
1.485	349.6
1.401	337.6
0.965	310.8
0.85	304.9
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1.018	330.9
1.104	339.9
0.923	342.5
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0.509	312.6
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0.996	324.9
0.512	305.8
0.634	293.2
0.861	315.4
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0.87	311.5
0.865	304
0.838	303
0.872	326.9
1.551	332.1
1.313	351
1.096	355.4
1.142	354.3
1.018	353.8
1.098	345.2
1.211	353.4
1.06	351.6
0.961	352
0.901	350.4
1.176	352.2
1.2	12.98
1.337	0.874
0.943	8.38
1.233	352.7
1.393	343

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136.6079843	27.9
136.8445673	27.92
142.3353263	27.87

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0.626	356.1	135.9221983	28.21	0.827	353.6	136.5523328
1.033	345.7	140.355632	28.26	1.298	339.7	145.2773166
1.052	328.1	161.1359522	28.22	1.256	323.1	171.416365
0.746	316.7	188.9294126	28.27	1.052	310.2	182.5632711
1.255	320.7	177.3320297	28.24	1.524	318.5	183.4173207
1.354	344.5	141.1899582	28.11	1.733	336.6	148.6120398
1.386	355.8	135.9838512	28.01	1.635	352.1	137.0589052
1.538	351.2	137.4099861	27.91	1.996	348.4	138.734051
1.55	334.5	151.2154981	27.79	1.813	326.4	164.3504379
1.684	334.8	150.8255466	27.72	2.027	330	157.8499471
1.206	338.9	146.0826775	27.7	1.548	335.7	149.6921424
1.433	344.7	141.0459134	27.72	1.605	338.4	146.6051528
0.888	328.5	160.4181218	27.75	1.326	324.1	169.1522337
0.915	320.6	177.5942369	27.91	1.153	316.9	188.2914027
1.536	348.5	138.6806025	27.89	1.832	344.5	141.1899582
1.676	333.2	152.9777221	27.79	1.855	330	157.8499471
1.14	308.1	177.3628294	27.78	1.436	306.1	172.8883094
0.874	302.2	165.3383346	27.87	1.223	300.1	161.8412498
0.895	316.9	188.2914027	27.96	1.373	315.4	193.2425592
1.118	325.5	166.1647422	27.97	1.363	319.2	181.4071437
1.067	336.7	148.4952449	27.95	1.381	331.3	155.7749165
1.076	338.1	146.9258206	27.92	1.168	332.4	154.1225109
0.531	334	151.8792052	28.01	0.742	324.5	168.2774801
0.524	316.6	189.2509084	28.18	0.774	304.3	169.2222095
0.367	314.5	195.7142115	28.42	0.55	314.2	195.7142115
0.902	317.2	187.3466876	28.49	1.258	313	190.403504
0.574	306	172.6759748	28.47	0.786	290.9	150.341502
0.677	293.5	153.0256028	28.51	0.934	285.6	146.0555256
0.876	309.9	181.7867003	28.49	1.13	301.8	164.6434892
1.073	322.1	173.7955882	28.41	1.43	314.5	195.7142115
0.976	311	184.6919171	28.26	1.202	301.7	164.4719393
0.901	301.4	163.9624173	28.25	1.212	297.3	157.7235069
0.865	304.7	170.0089535	28.21	1.164	294.6	154.2869623
0.994	321.8	174.5327325	28.18	1.11	311.1	184.9640411
1.727	331.5	155.4675767	28.05	2.061	329	159.540656
1.39	348.9	138.471433	27.83	1.616	346.7	139.7144254
1.119	351.5	137.2889944	27.78	1.236	351.2	137.4099861
1.067	351.9	137.1338452	27.81	1.39	350.9	137.5349652
1.029	352.1	137.0589052	27.83	1.181	345.6	140.4224336
0.993	344.4	141.262737	27.88	1.262	338.6	146.3943767
1.142	348.4	138.734051	27.88	1.384	349.6	138.1230627
0.819	354.1	136.4050401	27.86	1.193	348.2	138.8423412
1.003	348.9	138.471433	27.9	1.052	342	143.1641434
0.745	355.1	136.1424529	27.92	1.032	348.5	138.6806025
1.004	350.2	137.8421902	27.95	1.362	349.5	138.1714606
1.128	12.73	138.3847675	27.91	1.374	17.6	141.4098131
1.478	358.5	135.564413	27.78	1.633	0.142	135.4573538
1.042	11.87	137.9665692	27.71	1.074	11.72	137.897064
1.079	348	138.952495	27.73	1.385	339.8	145.1792559
1.493	338.2	146.8183282	27.69	1.739	335.1	150.441715

28.03	1.022	12.51	138.2745785	143.7069543	Yes
28.18	1.002	358.5	135.564413	136.8008175	Yes
28.21	1.54	344.8	140.9746448	142.0808117	Yes
28.16	1.494	327.1	162.994021	160.7845676	Yes
28.21	1.302	317.8	185.5005447	181.9096466	Yes
28.16	1.855	323	171.6490075	175.4237497	Yes
28.03	1.886	347	139.5314724	144.497634	Yes
27.95	1.891	355.5	136.0492916	136.507589	Yes
27.85	2.302	352.6	136.8792016	139.8852091	Yes
27.73	2.206	332.9	153.4015168	155.9618826	Yes
27.66	2.386	337.2	147.9207527	152.867157	Yes
27.65	1.875	340.3	144.6975271	146.6372559	Yes
27.67	1.926	343.1	142.25535	142.5077457	Yes
27.72	1.347	330.6	156.8753741	160.4073742	Yes
27.88	1.359	320.8	177.0711342	178.6531776	Yes
27.84	2.168	346.7	139.7144254	140.8671975	Yes
27.74	2.286	332.1	154.5640391	153.955476	Yes
27.75	1.674	311.7	186.6257896	178.6055159	Yes
27.85	1.339	305.3	171.2186266	165.2206667	Yes
27.91	1.565	321.5	175.2809825	181.1665491	Yes
27.89	1.68	326.1	164.946271	169.4416164	Yes
27.88	1.669	336.7	148.4952449	150.0122142	Yes
27.87	1.503	336.4	148.8475437	149.227422	Yes
27.98	0.917	332.3	154.2689366	153.5658556	Yes
28.15	0.789	322.8	172.1177686	183.836906	Yes
28.38	0.706	323.2	171.184873	191.3163127	Yes
28.43	1.323	318.5	183.4173207	184.0442874	Yes
28.42	0.998	307.1	175.0703199	171.0482409	Yes
28.47	0.985	291	150.437296	153.4043181	Yes
28.44	1.281	307.8	176.6631365	181.5746346	Yes
28.34	1.613	318	184.8977039	177.2477446	Yes
28.19	1.364	307.6	176.202409	179.1263877	Yes
28.19	1.288	304.9	170.4081994	162.6201712	Yes
28.16	1.258	301.1	163.4605101	167.6479029	Yes
28.14	1.311	315.5	192.9002508	176.4273076	Yes
27.99	2.352	336.8	148.379085	158.6797808	Yes
27.79	1.823	355.4	136.0719483	139.6893957	Yes
27.77	1.55	355	136.1668004	137.6059728	Yes
27.8	1.537	353.6	136.5523328	137.3095604	Yes
27.82	1.403	353.5	136.5830783	137.4144491	Yes
27.86	1.457	343.5	141.9406579	143.8193757	Yes
27.87	1.614	355.1	136.1424529	139.0329634	Yes
27.86	1.219	2.474	135.4966252	138.5517509	Yes
27.9	1.282	352.2	137.0220917	139.4775387	Yes
27.92	1.233	358.1	135.6073966	141.3532837	Yes
27.95	1.43	355.6	136.0270567	137.9424484	Yes
27.92	1.64	16.37	140.5371254	138.8640752	Yes
27.79	1.96	3.876	135.6284126	135.5015413	Yes
27.74	1.496	13.88	138.99708	137.5448637	Yes
27.77	1.572	349.1	138.3696112	140.8480362	Yes
27.72	2.085	339.6	145.3759529	146.5501306	Yes

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7/24/2019	18:06	27.84	0.466
7/24/2019	18:07	27.86	0.668
7/24/2019	18:08	27.85	0.618
7/24/2019	18:09	27.8	0.464
7/24/2019	18:10	27.8	0.491
7/24/2019	18:11	27.85	0.292
7/24/2019	18:12	27.92	0.504
7/24/2019	18:13	27.96	0.669
7/24/2019	18:14	27.92	0.608
7/24/2019	18:15	27.87	0.695
7/24/2019	18:16	27.82	0.513
7/24/2019	18:17	27.83	0.453
7/24/2019	18:18	27.84	0.556
7/24/2019	18:19	27.87	0.578
7/24/2019	18:20	27.89	0.849
7/24/2019	18:21	27.85	0.727
7/24/2019	18:22	27.8	0.723
7/24/2019	18:23	27.77	0.523
7/24/2019	18:24	27.76	0.628
7/24/2019	18:25	27.75	0.698
7/24/2019	18:26	27.68	0.755
7/24/2019	18:27	27.63	0.789
7/24/2019	18:28	27.6	0.618
7/24/2019	18:29	27.58	0.56
7/24/2019	18:30	27.54	0.672
7/24/2019	18:31	27.55	0.471
7/24/2019	18:32	27.6	0.555
7/24/2019	18:33	27.64	0.583
7/24/2019	18:34	27.64	0.729
7/24/2019	18:35	27.61	0.522
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7/24/2019	18:48	28.12	0.215
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18.28	141.9251412	28.56
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16.2	140.4224336	28.59
18.72	142.2713034	28.51
16.57	140.673884	28.51
8.42	136.6205407	28.59
359.3	135.4983288	28.73
354.7	136.2423866	28.79
355.6	136.0270567	28.7
4.151	135.6638264	28.6
2.156	135.4780503	28.52
355	136.1668004	28.56
360	135.4622116	28.59
336.2	149.0856146	28.64
328.5	160.4181218	28.66
334.2	151.6116385	28.55
8.64	136.690833	28.47
12.8	138.4202926	28.41
22.72	145.8982112	28.41
12.63	138.334407	28.4
14.31	139.2418717	28.31
15.51	139.9714544	28.23
9.01	136.8137675	28.19
9.09	136.8411277	28.18
9.64	137.0367646	28.13
9.37	136.939078	28.17
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23.48	146.6901341	28.31
43.76	184.7778754	28.29
41.45	178.2555426	28.24
29.38	154.0933154	28.32
16.02	140.3025441	28.42
38.69	171.3931641	28.53
9.51	136.9893332	28.71
49.84	187.3616064	28.99
348.8	138.5230334	29.18
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0.87	19.63
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0.806	6.996
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0.784	9.57
0.837	17.99
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0.943	11.96
0.983	17.73
0.781	13.13
0.902	12.3
0.939	6.236
0.663	8.8
0.625	15.91
0.76	21.96
0.825	31.76
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0.469	32.84
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0.394	27.17
0.338	7.549
0.26	33.1
0.552	357.2
0.661	14.29
0.677	6.336
0.373	18.84
0.526	17.67
0.456	26.85
0.41	27.33
0.37	5.847
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0.338	39.5
0.38	35.06
0.339	30.51
0.599	21.03

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136.215751	27.88
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136.810367	27.94
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142.8262379	27.9
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138.1714606	27.61
136.0350127	27.56
136.743267	27.58
140.23006	27.64
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157.7840597	27.69
168.5380928	27.68
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139.1041715	27.85
151.0457634	27.95
136.3626607	28.13
160.0645165	28.39
135.7284098	28.53
139.230293	28.45
136.0573994	28.27
142.3674635	28.25
141.4617696	28.26
150.6328701	28.2
151.2548325	28.19
135.9519355	28.17
143.9199341	28.19
173.3102392	28.18
163.6857467	28.23
155.7903652	28.25
144.2575928	28.16

1.137	348	138.952495	27.64	1.399	340.5	144.5088047
1.074	352.5	136.9142707	27.63	1.466	349.3	138.2696225
0.77	14.03	139.0814851	27.65	0.96	16.9	140.9038772
0.731	17.59	141.4024111	27.7	0.959	24.77	148.1143156
1.058	8.83	136.7532216	27.72	1.251	16.92	140.9179907
1.064	14.65	139.4416079	27.72	1.291	18.61	142.1838182
0.875	11.43	137.765561	27.67	1.226	15.52	139.9778248
0.826	18.29	141.932897	27.67	1.003	18.9	142.4158267
0.475	12.92	138.4817163	27.74	0.7	21.59	144.783189
0.672	356.3	135.8831963	27.83	0.856	353.5	136.5830783
0.929	1.813	135.462698	27.86	1.261	350.2	137.8421902
1.041	356.3	135.8831963	27.79	1.199	349.2	138.3193881
1.062	3.054	135.5412716	27.71	1.271	6.138	136.0134828
0.821	5.11	135.8119642	27.68	1.015	5.907	135.9643341
0.657	358.9	135.52806	27.71	1.031	354.4	136.3217962
0.833	357.8	135.6439919	27.73	0.944	353	136.743267
0.818	343.6	141.8632814	27.77	1.07	337.7	147.3618674
1.219	330.1	157.6854758	27.77	1.579	326.8	163.5696028
1.008	342.4	142.8262379	27.68	1.423	334.2	151.6116385
0.957	8.66	136.6973268	27.61	1.185	8.96	136.7968084
0.709	13	138.5230334	27.57	0.994	14.02	139.0758252
0.762	22.33	145.5050437	27.57	1.03	22.33	145.5050437
1	14.37	139.2767214	27.55	1.332	15.39	139.8953869
0.926	13.4	138.734051	27.5	1.218	15	139.6529623
0.973	17.49	141.3286703	27.46	1.187	23.87	147.1099488
0.798	14.08	139.1098549	27.41	1.007	15.27	139.820015
0.846	12.53	138.2845042	27.4	1.127	9.64	137.0367646
0.909	5.813	135.9449768	27.37	1.244	7.146	136.2543143
0.647	10.5	137.3692134	27.38	0.892	9.7	137.0589052
0.679	16.24	140.4492918	27.42	0.849	17.62	141.4246324
0.772	21.06	144.285304	27.45	0.994	28.39	152.6849415
0.899	33.51	160.7932062	27.46	1.113	39.16	172.4961418
0.609	39.29	172.8057913	27.48	0.872	52.14	181.1737474
0.427	29.14	153.7452891	27.58	0.591	40.07	174.7063241
0.481	18.04	141.7405518	27.64	0.732	26.72	150.4671147
0.394	27.97	152.1088401	27.73	0.537	36.04	165.632304
0.161	16.19	140.4157313	27.88	0.309	23.94	147.1862774
0.279	43.23	183.2130662	28.1	0.285	41.82	179.2496573
0.42	352.7	136.8445673	28.24	0.56	354.9	136.1915717
0.677	12.48	138.2597242	28.14	0.715	13.98	139.0532328
0.692	6.485	136.0915384	27.98	0.813	7.939	136.4741097
0.468	30.35	155.5441203	27.94	0.558	26.38	150.0389639
0.548	19.94	143.2844405	27.93	0.645	25	148.379085
0.509	33.95	161.5918804	27.86	0.641	33.78	161.2812351
0.453	26.51	150.2017562	27.85	0.61	32.9	159.7144084
0.394	12.37	138.2056099	27.84	0.462	14.21	139.1841667
0.573	25.22	148.6354752	27.85	0.65	31.43	157.2454975
0.38	56.01	172.2334696	27.86	0.493	53.15	178.6729011
0.34	41.07	177.2536236	27.89	0.481	47.12	195.6709837
0.391	35.67	164.8862898	27.93	0.43	34.95	163.4730789
0.587	24.18	147.4502511	27.84	0.786	28.37	152.6572229

27.68	1.662	344.2	141.4098131	141.3132651	Yes
27.66	1.635	356.3	135.8831963	137.6222266	Yes
27.68	1.285	20.7	143.9560723	139.838845	Yes
27.74	1.181	24.34	147.6282013	142.5902802	Yes
27.75	1.541	18.18	141.8478681	137.8763737	Yes
27.74	1.637	18.25	141.9019051	140.1741539	Yes
27.7	1.42	17.6	141.4098131	139.3852995	Yes
27.71	1.258	21.83	145.0138691	142.0105236	Yes
27.8	0.85	20.46	143.740565	140.0469975	Yes
27.91	1.003	354.6	136.2684311	135.8822541	Yes
27.92	1.394	356.9	135.7762441	136.4410104	Yes
27.84	1.517	355	136.1668004	136.5811671	Yes
27.77	1.494	6.97	136.2091638	135.7927831	Yes
27.76	1.287	10.15	137.2299885	135.8675249	Yes
27.78	1.196	356.6	135.8278372	135.8787464	Yes
27.83	1.269	355.4	136.0719483	136.1649594	Yes
27.86	1.209	345.1	140.7638403	144.9301441	Yes
27.85	1.838	333.6	152.4227699	157.6006681	Yes
27.76	1.58	341.4	143.6871825	147.2189382	Yes
27.7	1.474	11.75	137.9108838	136.7262898	Yes
27.68	1.181	14.24	139.2014287	138.257571	Yes
27.68	1.318	26.41	150.0764315	144.6526919	Yes
27.65	1.635	17.13	141.0673918	138.7068463	Yes
27.6	1.42	16.93	140.925055	138.9094113	Yes
27.56	1.531	24.35	147.6393757	142.4791439	Yes
27.52	1.32	18.37	141.9951291	138.5836101	Yes
27.52	1.423	12.14	138.0942421	137.5834643	Yes
27.5	1.397	11.58	137.8331076	136.3177671	Yes
27.54	0.967	14.52	139.364591	137.0276159	Yes
27.6	1.077	22.1	145.2773166	140.5900834	Yes
27.64	1.267	29.09	153.6733204	147.200143	Yes
27.64	1.395	37.95	169.7078047	168.9628208	Yes
27.67	0.86	57.52	169.1832795	175.1932935	Yes
27.8	0.696	40.8	176.5532489	160.5387455	Yes
27.86	0.788	26.95	150.7611515	142.9035956	Yes
27.99	0.613	37.68	169.108084	160.0450179	Yes
28.16	0.372	31.47	157.3103042	140.2385007	Yes
28.42	0.414	46.53	193.6902646	177.4722116	Yes
28.54	0.541	13.68	138.8861787	136.8218955	Yes
28.41	0.968	15.38	139.8890793	138.2901613	Yes
28.2	0.979	6.544	136.1053157	136.2587995	Yes
28.17	0.685	28.9	153.4015168	148.4215964	Yes
28.17	0.757	25.92	149.4719129	145.9012799	Yes
28.07	0.81	33.32	160.4536759	163.7141848	Yes
28.07	0.632	33.28	160.382603	155.2387872	Yes
28.06	0.617	19.27	142.7182576	137.7768183	Yes
28.05	0.792	31.84	157.9159666	148.657971	Yes
28.08	0.618	48	192.8553266	176.9744042	Yes
28.11	0.533	48.91	190.0741275	175.7609722	Yes
28.17	0.524	39.43	173.1415045	159.2538865	Yes
28.07	0.859	28.72	153.1464549	147.8119545	Yes

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7/24/2019	18:54	27.97	0.421
7/24/2019	18:55	27.87	0.36
7/24/2019	18:56	27.78	0.315
7/24/2019	18:57	27.73	0.42
7/24/2019	18:58	27.71	0.214
7/24/2019	18:59	27.71	0.417
7/24/2019	19:00	27.68	0.374
7/24/2019	19:01	27.64	0.337
7/24/2019	19:02	27.6	0.227
7/24/2019	19:03	27.61	0.197
7/24/2019	19:04	27.59	0.342
7/24/2019	19:05	27.57	0.253
7/24/2019	19:06	27.5	0.29
7/24/2019	19:07	27.47	0.362
7/24/2019	19:08	27.42	0.408
7/24/2019	19:09	27.32	0.456
7/24/2019	19:10	27.21	0.408
7/24/2019	19:11	27.13	0.304
7/24/2019	19:12	27.08	0.288
7/24/2019	19:13	27.07	0.347
7/24/2019	19:14	27.03	0.352
7/24/2019	19:15	26.97	0.372
7/24/2019	19:16	26.94	0.304
7/24/2019	19:17	26.91	0.261
7/24/2019	19:18	26.9	0.263
7/24/2019	19:19	26.86	0.298
7/24/2019	19:20	26.78	0.323
7/24/2019	19:21	26.71	0.28
7/24/2019	19:22	26.63	0.323
7/24/2019	19:23	26.59	0.295
7/24/2019	19:24	26.51	0.413
7/24/2019	19:25	26.4	0.378
7/24/2019	19:26	26.29	0.432
7/24/2019	19:27	26.18	0.364
7/24/2019	19:28	26.13	0.318
7/24/2019	19:29	26.05	0.396
7/24/2019	19:30	25.94	0.316
7/24/2019	19:31	25.85	0.32
7/24/2019	19:32	25.79	0.245
7/24/2019	19:33	25.75	0.258
7/24/2019	19:34	25.73	0.235
7/24/2019	19:35	25.74	0.205
7/24/2019	19:36	25.75	0.16
7/24/2019	19:37	25.75	0.238
7/24/2019	19:38	25.75	0.178
7/24/2019	19:39	25.75	0.149
7/24/2019	19:40	25.75	0.164
7/24/2019	19:41	25.76	0.107
7/24/2019	19:42	25.74	0.122
7/24/2019	19:43	25.73	0.121
7/24/2019	19:44	25.72	0.103

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5.558	135.8943341	28.3
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31.21	156.8913777	28.26
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11.56	137.824043	28.2
11.99	138.0229052	28.19
7.46	136.3381379	28.16
35.66	164.8663157	28.08
42.66	181.5766577	28.04
43.74	184.7180531	28.01
36.93	167.4835818	27.87
26.86	150.6456678	27.7
28.28	152.5328437	27.58
26.41	150.0764315	27.52
45.47	190.1273411	27.55
56.27	171.6919245	27.56
41.45	178.2555426	27.5
55.93	172.4015023	27.48
54.95	174.5146756	27.45
55.83	172.6124786	27.47
58.88	166.6245475	27.44
65.86	155.930295	27.35
74.3	147.4188376	27.25
72.88	148.5619741	27.16
50.45	185.6503536	27.12
46.58	193.8632779	27.03
55.44	173.44531	26.9
56.2	171.8370419	26.76
55.93	172.4015023	26.63
66.93	154.6085	26.55
80.3	143.7274589	26.46
80.6	143.5887269	26.34
75.74	146.3685269	26.26
68.79	152.4883424	26.2
58.96	166.4793467	26.17
58.57	167.1926876	26.16
31.99	158.1647194	26.16
38.35	170.6111369	26.17
48.32	191.8625666	26.17
44.51	187.0661162	26.18
57.65	168.9311715	26.2
51.57	182.6415691	26.21
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59.3	165.8686538	26.23
76.46	145.8833564	26.21
65.92	155.8541356	26.2

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0.609	14.89
0.519	20.17
0.378	33.36
0.413	10.34
0.424	11.66
0.453	24.86
0.546	25.38
0.418	5.688
0.464	4.791
0.529	17.03
0.435	13.87
0.464	21.69
0.367	36.18
0.409	43.26
0.521	36.44
0.447	35.4
0.395	30.69
0.36	32.09
0.383	40.87
0.387	56.04
0.469	46.33
0.325	53.86
0.295	57.24
0.297	57.68
0.293	64.64
0.49	62.97
0.285	72.41
0.297	70.44
0.318	59.38
0.465	54.18
0.445	58.71
0.54	59.42
0.458	63.28
0.321	60.74
0.337	74.97
0.377	76.55
0.338	74.17
0.342	68.45
0.298	67.02
0.274	64.88
0.248	45.31
0.245	45.38
0.25	50.72
0.231	52.83
0.229	51.7
0.237	59.02
0.196	61.98
0.226	59.41
0.129	74.36
0.157	65.7

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137.869546	27.66
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138.9914905	27.5
144.8789076	27.45
165.9181521	27.43
183.3005146	27.42
166.4542829	27.31
164.3504379	27.18
156.0697817	27.09
158.3315941	27.08
176.7339189	27.12
172.1706283	27.14
193.0027542	27.11
176.9883678	27.08
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168.8732228	27.06
157.5328987	27.03
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148.964493	26.88
150.7869776	26.8
165.7264586	26.77
176.248277	26.68
166.9350239	26.57
165.6555733	26.44
159.4448471	26.33
163.3941592	26.25
146.9167357	26.16
145.824553	26.05
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152.8595458	25.93
154.5007906	25.92
157.2093912	25.9
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189.8338277	25.92
184.9095071	25.93
179.4517188	25.93
182.3031224	25.95
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165.6732814	25.99
147.3729111	25.97
156.1345891	25.98

0.618	21.71	144.8981195	27.68	0.799	25.17	148.5769345
0.63	19.2	142.6604859	27.57	0.754	23.18	146.3734304
0.576	28.53	152.8797756	27.48	0.762	28.84	153.3162337
0.607	42.5	181.1257634	27.46	0.63	42.77	181.8887763
0.431	14.79	139.5254481	27.43	0.552	18.28	141.9251412
0.609	13.15	138.6012982	27.39	0.588	14.8	139.5314724
0.513	33.61	160.9731962	27.35	0.641	34.21	162.0720736
0.556	30.38	155.5901395	27.33	0.721	27.8	151.8792052
0.345	6.507	136.0966585	27.3	0.588	8.48	136.6395044
0.366	11.17	137.6508702	27.29	0.554	8.72	136.7169117
0.519	17.33	141.2117388	27.25	0.697	17.4	141.262737
0.395	15.16	139.7515336	27.21	0.618	20.29	143.5898264
0.475	32.69	159.3505245	27.19	0.626	31.43	157.2454975
0.503	44.56	187.2218283	27.16	0.585	44.13	185.8957213
0.6	43.36	183.5929771	27.15	0.672	44.24	186.2321693
0.651	40.94	176.9152234	27.06	0.851	41.46	178.282168
0.653	35.81	165.166964	26.95	0.787	34.63	162.8609423
0.509	33.71	161.154081	26.89	0.669	38.54	171.0465275
0.43	36.36	166.288586	26.9	0.573	39.55	173.4311241
0.472	48.13	192.4500572	26.93	0.657	47.94	193.0432859
0.575	51.51	182.7985173	26.95	0.689	57.83	168.5847668
0.588	52.96	179.1338326	26.92	0.819	53.74	177.2689359
0.51	56.33	171.5679367	26.9	0.672	54.6	175.2945059
0.437	63.61	158.9684193	26.88	0.559	60.09	164.4890556
0.408	61.17	162.6892671	26.87	0.574	60.13	164.4206416
0.436	66.54	155.0814128	26.84	0.59	64.34	157.9430667
0.694	65.2	156.7843776	26.78	0.824	62.29	160.9236749
0.448	78.23	144.800768	26.7	0.584	73.66	147.9206242
0.509	72.21	149.1394889	26.62	0.648	65.79	156.0194581
0.457	59	166.4069628	26.57	0.6	57.23	169.7515525
0.609	56.48	171.2595699	26.49	0.773	55.65	172.9948704
0.621	59.34	165.7974853	26.39	0.762	56.33	171.5679367
0.676	60.45	163.87824	26.29	0.879	60.06	164.5404562
0.617	63.34	159.3576181	26.19	0.783	60.77	163.3444836
0.512	62.48	160.6340101	26.1	0.633	64.45	157.7919216
0.62	77.3	145.3502763	26.02	0.684	70.29	150.9349196
0.629	79.11	144.3194991	25.91	0.757	73.79	147.8169289
0.579	75.34	146.6494931	25.83	0.676	70.38	150.8459955
0.464	71.65	149.6413971	25.79	0.617	67.65	153.7615929
0.446	66.91	154.6325076	25.78	0.559	63.18	159.5908303
0.421	69.02	152.2412889	25.76	0.498	69	152.2626427
0.378	47.32	195.0198157	25.77	0.478	48.48	191.3722405
0.365	47.54	194.3112433	25.78	0.49	48.54	191.1893975
0.406	53.39	178.0968423	25.8	0.538	54.04	176.5706262
0.326	54.44	175.6555151	25.8	0.444	51.92	181.7353406
0.304	54.77	174.9140473	25.82	0.437	56.99	170.2280503
0.315	59.8	164.9891752	25.84	0.465	57.35	169.5154159
0.251	59.46	165.5848294	25.86	0.4	58.68	166.9900868
0.27	56.51	171.1981702	25.88	0.451	54.46	175.6102327
0.331	74.62	147.1760895	25.88	0.347	67.93	153.4412631
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27.87	0.986	28.11	152.2994813	146.0719338	Yes
27.75	1.013	22.36	145.5349729	142.3234266	Yes
27.64	0.825	30.13	155.2087741	150.7137652	Yes
27.63	0.785	41.48	178.3354589	179.0502835	Yes
27.61	0.64	20.48	143.758403	138.6624551	Yes
27.58	0.849	17.53	141.3581057	138.2774334	Yes
27.54	0.762	33.23	160.2939602	157.0385429	Yes
27.51	0.92	29.84	154.7724074	150.3583538	Yes
27.47	0.634	14.14	139.1440538	136.1089684	Yes
27.47	0.651	14.46	139.3293153	136.9875637	Yes
27.44	0.776	18.63	142.1996776	140.3733384	Yes
27.4	0.743	17.59	141.4024111	139.6677471	Yes
27.37	0.718	33.48	160.7393831	156.5853113	Yes
27.36	0.718	43.06	182.7200414	180.1530899	Yes
27.35	0.866	44.22	186.1708553	184.4609285	Yes
27.25	1.012	40.41	175.5581598	172.283814	Yes
27.13	0.98	35.06	163.6857467	160.756003	Yes
27.09	0.832	38.14	170.1346579	160.2008085	Yes
27.15	0.642	42.77	181.8887763	162.0319339	Yes
27.2	0.757	44.64	187.4718049	188.0886508	Yes
27.22	0.839	58.78	166.8068628	173.8114592	Yes
27.19	0.922	55.13	174.118838	181.9152663	Yes
27.17	0.856	52.44	180.4177788	174.0630782	Yes
27.16	0.756	61.71	161.8254673	166.9259928	Yes
27.13	0.712	60.42	163.928721	167.1489025	Yes
27.11	0.838	66.23	155.4645385	159.2954814	Yes
27.04	0.975	63.65	158.9112216	158.3845506	Yes
26.95	0.841	74.09	147.5810817	147.2761807	Yes
26.88	0.847	67.56	153.8656216	151.1269747	Yes
26.81	0.779	61.26	162.5436568	171.8838318	Yes
26.71	0.926	56.24	171.7540562	178.5914988	Yes
26.62	0.924	59.41	165.6732814	169.436439	Yes
26.51	0.999	61.43	162.2704159	166.4778278	Yes
26.41	1.001	62.24	161.0003707	163.6371128	Yes
26.32	0.834	62.82	160.1226395	159.1071477	Yes
26.24	0.96	70.45	150.7771618	146.7323476	Yes
26.15	1.041	73.72	147.8726522	145.387427	Yes
26.08	0.86	73.48	148.0657023	147.8457536	Yes
26.04	0.746	71.6	149.6870709	152.1877195	Yes
26.04	0.787	63.61	158.9684193	158.8008688	Yes
26.03	0.799	72.79	148.6381099	157.2265026	Yes
26.07	0.687	51.68	182.3550484	183.5408159	Yes
26.07	0.713	49.12	189.4504054	186.4864013	Yes
26.07	0.766	52.8	179.5253688	182.8598855	Yes
26.08	0.594	51.65	182.4330346	180.9771727	Yes
26.1	0.643	54.05	176.5475272	174.0940979	Yes
26.11	0.632	55.17	174.0313508	170.8792462	Yes
26.14	0.55	55.88	172.5068603	166.4224741	Yes
26.18	0.597	50.96	184.2593455	169.5875845	Yes
26.2	0.516	58.27	167.7508929	148.468405	Yes
26.24	0.417	61.76	161.7466749	157.6778901	Yes

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7/24/2019	19:53	25.92	0.107
7/24/2019	19:54	25.85	0.171
7/24/2019	19:55	25.75	0.152
7/24/2019	19:56	25.65	0.141
7/24/2019	19:57	25.55	0.131
7/24/2019	19:58	25.44	0.143
7/24/2019	19:59	25.33	0.135
7/24/2019	20:00	25.18	0.161
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7/24/2019	20:05	24.51	0.158
7/24/2019	20:06	24.42	0.145
7/24/2019	20:07	24.34	0.17
7/24/2019	20:08	24.25	0.224
7/24/2019	20:09	24.15	0.143
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7/24/2019	20:11	23.97	0.147
7/24/2019	20:12	23.86	0.193
7/24/2019	20:13	23.74	0.201
7/24/2019	20:14	23.63	0.242
7/24/2019	20:15	23.54	0.196
7/24/2019	20:16	23.45	0.192
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7/24/2019	20:18	23.35	0.039
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7/24/2019	20:21	23.18	0.106
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7/24/2019	20:31	22.67	0.092
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7/24/2019	20:35	22.41	0.144

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135.759882	23.38
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161.9051529	23.03
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0.192	59.24	165.975673	25.91	0.31	61.85	161.6053515
0.164	49.7	187.7618297	25.95	0.273	56.37	171.4854821
0.104	16.19	140.4157313	25.99	0.149	38.37	170.6567747
0.093	354.3	136.3491176	26.03	0.156	30.25	155.3912267
0.192	1.25	135.4480272	26.07	0.197	14.83	139.5495741
0.202	0.209	135.4553508	26.08	0.217	11.01	137.5817934
0.268	14.15	139.1497701	26.05	0.334	18.29	141.932897
0.232	3.742	135.612295	25.99	0.325	13.96	139.0419647
0.274	20.28	143.5810086	25.93	0.317	20.58	143.8479224
0.375	25.22	148.6354752	25.84	0.441	27.22	151.1109088
0.297	12.19	138.1182479	25.73	0.43	11.63	137.8558479
0.278	12.63	138.334407	25.59	0.417	9.3	136.9142707
0.306	10.98	137.5689686	25.45	0.507	14.33	139.2534694
0.307	31.54	157.4240293	25.33	0.408	27.86	151.9600209
0.352	45.92	191.6157613	25.22	0.464	40.48	175.7353399
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0.423	69.28	151.9659169	25.12	0.62	64.47	157.7645342
0.456	91.4	141.2801795	25.08	0.486	79.67	144.032545
0.419	94.1	141.4954247	25	0.414	86	141.7930115
0.42	96.6	141.9767943	24.94	0.453	92	141.30084
0.409	90.6	141.2767366	24.86	0.423	84.1	142.2756368
0.397	74.93	146.9460525	24.84	0.539	67.7	153.7040237
0.403	87	141.6027124	24.8	0.397	79.94	143.8995048
0.4	98.4	142.4938547	24.69	0.439	93.6	141.431807
0.315	96.9	142.0529811	24.58	0.325	91.2	141.2767366
0.311	89.9	141.2963201	24.47	0.317	88.6	141.3887034
0.327	90.1	141.2885722	24.34	0.345	92.1	141.3057907
0.431	92.7	141.344545	24.2	0.453	92.8	141.3525134
0.458	104	145.0495749	24.09	0.581	101.6	143.7746389
0.512	99.8	142.996497	23.98	0.63	95.5	141.7313339
0.478	95.9	141.8144468	23.91	0.547	92.1	141.3057907
0.406	93.5	141.4203824	23.84	0.424	89.9	141.2963201
0.255	83.8	142.366475	23.78	0.272	82.6	142.7702052
0.164	81.6	143.1564895	23.74	0.229	86.6	141.6735922
0.275	359.4	135.4919297	23.67	0.287	12.4	138.2203136
0.158	22.36	145.5349729	23.6	0.164	36.13	165.8158367
0.228	24.05	147.3068271	23.56	0.256	31.77	157.8005192
0.187	36.92	167.4623258	23.54	0.27	39.6	173.55231
0.15	43.43	183.7985903	23.52	0.233	42.1	180.0143756
0.09	51.78	182.0959356	23.5	0.206	43.89	185.1682175
0.163	43.48	183.9459073	23.47	0.269	48.7	190.7045403
0.141	60.54	163.7272523	23.47	0.247	58.54	167.2481347
0.08	73.94	147.698405	23.46	0.181	55.94	172.3804619
0.106	70.87	150.3701793	23.43	0.227	62.68	160.3321254
0.191	50.66	185.0732733	23.41	0.29	58.15	167.9765122
0.213	47.78	193.5473464	23.39	0.273	45.07	188.8332888
0.214	60.5	163.7942737	23.34	0.273	59.57	165.39101
0.284	55	174.4043676	23.29	0.332	52.28	180.8195583
0.33	49.7	187.7618297	23.23	0.36	41.72	178.9791492
0.302	43.96	185.3794814	23.14	0.369	37.55	168.8221728
0.307	36.92	167.4623258	23.02	0.408	34.1	161.8681603

26.25	0.422	61.6	161.9995159	171.443331	Yes
26.3	0.379	54.39	175.768917	175.5053032	Yes
26.34	0.26	45.13	189.0256862	153.581202	Yes
26.38	0.209	33.22	160.276258	152.7820299	Yes
26.41	0.357	21.55	144.7450604	138.9847217	Yes
26.39	0.383	23.14	146.3316094	139.5949612	Yes
26.34	0.439	20.44	143.7227489	139.7566236	Yes
26.26	0.449	24.49	147.7964681	136.6982218	Yes
26.19	0.535	32.41	158.8712281	141.6139622	Yes
26.09	0.649	29.91	154.8771494	146.9788753	Yes
25.99	0.597	23.99	147.240981	139.9111481	Yes
25.86	0.626	16.57	140.673884	138.917722	Yes
25.73	0.708	22.46	145.6351144	138.1030508	Yes
25.63	0.644	28.74	153.1746786	161.9017712	Yes
25.58	0.697	45.18	189.1864756	184.5260564	Yes
25.56	0.723	62.76	160.212235	156.5367568	Yes
25.53	0.78	67.51	153.9236403	152.6673337	Yes
25.51	0.729	79.82	143.9582088	142.5568519	Yes
25.46	0.687	89.4	141.3232279	141.6290383	Yes
25.38	0.686	93.5	141.4203824	142.182599	Yes
25.3	0.662	85.1	142.0017483	141.9662168	Yes
25.23	0.635	71.15	150.1045476	148.8724553	Yes
25.14	0.586	83.2	142.5602372	142.4199904	Yes
24.99	0.58	94.8	141.6027124	142.2959405	Yes
24.86	0.534	95.4	141.7116497	141.9971929	Yes
24.74	0.54	96.9	142.0529811	143.4346877	Yes
24.58	0.566	104.3	145.2285189	141.9714929	Yes
24.47	0.782	99	142.6984082	141.3785249	Yes
24.4	0.83	106.4	146.6068237	143.5095046	Yes
24.34	0.899	98.1	142.397648	142.0383025	Yes
24.31	0.867	94.4	141.5387984	141.4564239	Yes
24.29	0.793	91	141.2750152	141.3672443	Yes
24.28	0.645	85.3	141.9522815	148.0080884	Yes
24.27	0.536	93.6	141.431807	153.9235642	Yes
24.16	0.327	29.39	154.1079094	138.6881356	Yes
24.07	0.255	59.35	165.7797153	150.9965164	Yes
24	0.307	37.18	168.018408	145.0440936	Yes
23.94	0.355	41.33	177.9370795	158.1001641	Yes
23.9	0.334	49.83	187.3901001	180.8230994	Yes
23.86	0.331	52.66	179.8705226	163.458857	Yes
23.83	0.35	56.57	171.0756434	178.4632769	Yes
23.82	0.312	67.34	154.1221105	167.0345667	Yes
23.79	0.32	67.02	154.5007906	157.829984	Yes
23.77	0.344	68.22	153.1147436	156.7897885	Yes
23.74	0.344	57.75	168.7383433	163.9210202	Yes
23.7	0.338	57.53	169.1638289	177.5335728	Yes
23.64	0.313	69.63	151.6017119	162.6834754	Yes
23.57	0.388	52.04	181.4282546	177.7313237	Yes
23.49	0.493	42.17	180.2072496	176.1941982	Yes
23.4	0.545	40.67	176.2193937	170.8477105	Yes
23.33	0.623	36.15	165.8567325	161.8167995	Yes

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7/24/2019	21:07	21.22	0.15
7/24/2019	21:08	21.19	0.129
7/24/2019	21:09	21.17	0.089
7/24/2019	21:10	21.15	0.118
7/24/2019	21:11	21.13	0.086
7/24/2019	21:12	21.11	0.147
7/24/2019	21:13	21.09	0.146
7/24/2019	21:14	21.06	0.084
7/24/2019	21:15	21.04	0.112
7/24/2019	21:16	21	0.112
7/24/2019	21:17	20.97	0.182
7/24/2019	21:18	20.96	0.181
7/24/2019	21:19	20.92	0.069
7/24/2019	21:20	20.9	0.133
7/24/2019	21:21	20.86	0.163
7/24/2019	21:22	20.83	0.121
7/24/2019	21:23	20.81	0.174
7/24/2019	21:24	20.8	0.166
7/24/2019	21:25	20.78	0.147
7/24/2019	21:26	20.76	0.119

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30.23	155.3607408	22.27
7.849	136.4478134	22.19
344.4	141.262737	22.13
312.7	189.5095215	22.08
300.7	162.802978	22.03
283.5	144.7611164	22
272.9	141.3609132	21.98
261.3	143.2813061	21.96
245.4	156.5223835	21.95
238.7	166.9533691	21.92
220.7	176.2962446	21.88
221.3	177.8577632	21.84
230.9	184.4211537	21.8
255	146.8948028	21.76
277.4	142.1888102	21.72
291.1	150.5336711	21.68
288.8	148.4611505	21.64
292	151.4274771	21.6
297.3	157.7235069	21.56
		21.53
281.5	143.7274589	21.49
259.1	144.324759	21.45
253.6	147.9687897	21.43
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290.2	149.6870709	21.4
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306.2	173.1016948	21.37
303.7	168.0709172	21.34
313.7	192.5433417	21.31
321.8	174.5327325	21.28
300.1	161.8412498	21.24
275.7	141.7720144	21.21
264.7	142.105983	21.19
268.7	141.3790081	21.17
269.1	141.344545	21.15
284.8	145.5366244	21.13
297	157.3167727	21.1
324.8	167.6326681	21.07
285.3	145.8571712	21.04
262.8	142.6984082	20.99
255.2	146.7497779	20.98
245.8	156.0067	20.96
198.9	142.4158267	20.92
156.8	148.379085	20.89
151.3	155.7749165	20.84
214.8	163.184934	20.79
232.6	180.0191816	20.76
222.7	181.6899539	20.76
191.8	137.9340071	20.73
220.8	176.5532489	20.7

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0.129	32.4
0.176	16.28
0.173	2.873
0.178	336.5
0.2	320.6
0.209	295.1
0.211	281.9
0.182	264
0.174	246
0.195	232.6
0.194	212.8
0.223	217.9
0.199	220.4
0.165	249.4
0.224	265.7
0.22	279.7
0.206	281.6
0.17	282.6
0.108	291.1
0.075	306.7
0.074	273.4
0.064	237.5
0.055	237.9
0.102	268.3
0.185	277.8
0.263	293.6
0.249	300.2
0.237	301.6
0.19	299.7
0.173	312.2
0.192	293
0.244	278.2
0.233	273.3
0.27	271.5
0.266	274.1
0.217	278.7
0.199	288.4
0.137	309.7
0.185	288.9
0.306	268.9
0.245	258.1
0.218	242.1
0.137	221.3
0.17	165.1
0.229	146
0.185	204.4
0.225	223.8
0.223	218.2
0.219	185.9
0.192	215.3

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175.5328989	22.03
151.8402112	21.98
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141.4093904	21.68
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168.4508857	21.62
141.4203824	21.59
142.3054699	21.57
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164.3012465	21.53
161.2161624	21.51
188.0494405	21.48
152.4775331	21.44
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141.3988308	21.39
141.2825466	21.37
141.4954247	21.34
142.5941034	21.31
148.1307424	21.28
181.2753983	21.24
148.5451154	21.19
141.3609132	21.14
144.8750382	21.12
161.2161624	21.1
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147.6953406	20.93
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170.2702897	20.91
135.9628798	20.89
164.1537804	20.87

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0.136	37.52	168.7564538	22.84	0.287	28.82	153.2878644
0.212	22.2	145.3759529	22.77	0.289	26.25	149.8772948
0.182	4.611	135.7300974	22.71	0.297	13.6	138.8423412
0.195	339.1	145.8778326	22.67	0.317	353.3	136.6458601
0.24	322	174.0400802	22.62	0.326	337	148.1486618
0.253	303.4	167.507983	22.58	0.275	319.8	179.7400211
0.24	295.6	155.5019575	22.54	0.245	321.7	174.7809062
0.171	284.3	145.2285189	22.52	0.161	309.2	180.0191816
0.175	258.8	144.4847842	22.5	0.173	279.1	142.7340803
0.236	248.7	152.5859038	22.47	0.249	253.4	148.1307424
0.263	225	188.6095808	22.42	0.371	221.6	178.6563324
0.231	225.2	189.2509084	22.33	0.344	226.2	192.5597384
0.249	234.6	175.2945059	22.27	0.27	232.8	179.5253688
0.222	252.6	148.8003043	22.2	0.295	245.1	156.9164217
0.231	262.3	142.8813029	22.14	0.337	251.5	149.7788447
0.195	276.2	141.8813857	22.08	0.332	263.7	142.397648
0.189	274.4	141.5387984	22.03	0.324	262.8	142.6984082
0.172	277.1	142.105983	21.99	0.304	263.4	142.4938547
0.119	281.3	143.6345036	21.96	0.226	261.1	143.3668232
0.078	287.1	147.1162438	21.93	0.14	261.9	143.0358082
0.086	264.2	142.2462495	21.89	0.125	248.8	152.4775331
0.076	238.2	167.8823409	21.86	0.141	237.9	168.4508857
0.081	239.9	164.8158999	21.83	0.157	238.9	166.5881931
0.124	264.1	142.2756368	21.8	0.191	253.5	148.0494963
0.147	273.2	141.3887034	21.78	0.24	263.1	142.5941034
0.289	286.3	146.5361202	21.78	0.36	271.8	141.2922309
0.308	295.4	155.2536405	21.8	0.405	280.7	143.3668232
0.295	297.7	158.2758734	21.81	0.402	285.5	145.9889028
0.278	305.6	171.8370419	21.8	0.38	296.3	156.3924283
0.293	317.3	187.035022	21.77	0.353	311.2	185.2375331
0.276	304.8	170.2080831	21.72	0.399	297.8	158.4157786
0.3	288.2	147.9687897	21.69	0.423	283.4	144.7048835
0.221	275.2	141.6735922	21.67	0.387	275.4	141.7116497
0.226	271.7	141.2885722	21.63	0.399	273.2	141.3887034
0.229	275.6	141.7514553	21.59	0.404	273.8	141.4559546
0.253	284.5	145.3502763	21.54	0.397	276.8	142.0271438
0.26	289.8	149.3256382	21.5	0.373	280.3	143.1976347
0.175	303.5	167.6946976	21.44	0.306	288.4	148.1307424
0.214	292.9	152.3697801	21.38	0.355	283.1	144.539086
0.259	268.5	141.3988308	21.33	0.478	262.9	142.6631883
0.291	254.6	147.1911034	21.31	0.404	253.1	148.3777321
0.285	247.9	153.475345	21.28	0.384	249.8	151.4274771
0.138	228.1	192.5433417	21.23	0.268	240.8	163.294883
0.194	180.6	135.4473567	21.18	0.236	201.5	144.6975271
0.281	160.5	144.5088047	21.12	0.273	166.7	139.7144254
0.229	210	155.0123664	21.08	0.319	211.3	157.0357721
0.289	224.5	187.035022	21.07	0.394	218.6	171.184873
0.294	217.7	169.1522337	21.07	0.386	210.6	155.9297559
0.273	190.6	137.4099861	21.05	0.383	188.8	136.743267
0.233	212.1	158.3483275	21.04	0.398	203	146.1859844

23.29	0.606	34.38	162.3894043	164.2731766	Yes
23.3	0.563	33.32	160.4536759	159.0648232	Yes
23.29	0.562	28.27	152.5190595	143.0443225	Yes
23.27	0.554	18.6	142.1758963	137.8402551	Yes
23.28	0.538	9.4	136.949775	155.1906715	Yes
23.23	0.449	359.8	135.4704656	165.6464892	Yes
23.16	0.378	351.8	137.171973	161.723825	Yes
23.1	0.332	351.8	137.171973	153.8906936	Yes
23.05	0.257	352.1	137.0589052	152.7086191	Yes
23	0.185	336.2	149.0856146	149.8735547	Yes
22.94	0.144	284.5	145.3502763	161.9222993	Yes
22.83	0.423	236.4	171.4237479	175.7757035	Yes
22.7	0.368	239.4	165.6909983	182.3161376	Yes
22.64	0.347	238.9	166.5881931	178.6934818	Yes
22.55	0.385	252	149.3256382	151.112935	Yes
22.46	0.417	255.4	146.6068237	144.1768979	Yes
22.38	0.385	263.5	142.4613373	144.4425869	Yes
22.31	0.39	263.6	142.4292686	144.118249	Yes
22.28	0.368	263.7	142.397648	145.0749223	Yes
22.24	0.295	261	143.4102756	148.8146262	Yes
22.21	0.229	260.4	143.6807474	154.7788729	Yes
22.19	0.21	252.1	149.2366877	144.965158	Yes
22.16	0.236	243.9	158.5564148	162.4700488	Yes
22.14	0.239	242.4	160.7556316	161.9559421	Yes
22.12	0.274	254.3	147.4188376	144.4839516	Yes
22.1	0.322	263.3	142.5268211	143.9938369	Yes
22.1	0.392	267.9	141.4686779	149.810329	Yes
22.11	0.365	272.8	141.3525134	158.4304186	Yes
22.11	0.366	277.4	142.1888102	159.159235	Yes
22.1	0.433	284.1	145.1087319	170.4972435	Yes
22.08	0.426	296.4	156.5223835	183.713682	Yes
22.05	0.491	287.9	147.7298938	160.7356612	Yes
22.02	0.523	280.4	143.23924	144.2187391	Yes
21.99	0.436	281.7	143.8222881	141.7225139	Yes
21.95	0.438	284.5	145.3502763	141.3347076	Yes
21.88	0.434	280.1	143.1158038	141.5118449	Yes
21.81	0.432	281.3	143.6345036	143.877037	Yes
21.75	0.427	281.6	143.7746389	149.492697	Yes
21.68	0.388	285.8	146.1902907	166.1833766	Yes
21.61	0.417	282.4	144.169036	147.8277882	Yes
21.58	0.453	269.6	141.3111722	142.0303351	Yes
21.58	0.47	264.6	142.1331484	146.7984129	Yes
21.54	0.446	261.4	143.23924	155.5314211	Yes
21.49	0.373	253.4	148.1307424	169.0279537	Yes
21.42	0.325	223.7	184.5985921	142.3219523	Yes
21.35	0.27	201	144.2299319	151.2862495	Yes
21.3	0.421	223.7	184.5985921	155.7321033	Yes
21.27	0.52	228.4	191.6169031	180.7841951	Yes
21.28	0.504	220.1	174.7809062	169.2605583	Yes
21.26	0.464	201	144.2299319	137.012535	Yes
21.23	0.461	212.7	159.3677662	161.3103353	Yes

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3.345

7/24/2019	21:27	20.73	0.123
7/24/2019	21:28	20.7	0.094
7/24/2019	21:29	20.68	0.107
7/24/2019	21:30	20.67	0.065
7/24/2019	21:31	20.66	0.071
7/24/2019	21:32	20.65	0.102
7/24/2019	21:33	20.64	0.076
7/24/2019	21:34	20.62	0.115
7/24/2019	21:35	20.6	0.15
7/24/2019	21:36	20.57	0.115
7/24/2019	21:37	20.56	0.118
7/24/2019	21:38	20.55	0.056
7/24/2019	21:39	20.55	0.178
7/24/2019	21:40	20.53	0.214
7/24/2019	21:41	20.49	0.131
7/24/2019	21:42	20.44	0.168
7/24/2019	21:43	20.39	0.234
7/24/2019	21:44	20.37	0.234
7/24/2019	21:45	20.36	0.201
7/24/2019	21:46	20.34	0.155
7/24/2019	21:47	20.33	0.085
7/24/2019	21:48	20.31	0.09
7/24/2019	21:49	20.3	0.117
7/24/2019	21:50	20.29	0.156
7/24/2019	21:51	20.27	0.264
7/24/2019	21:52	20.24	0.201
7/24/2019	21:53	20.23	0.173
7/24/2019	21:54	20.21	0.162
7/24/2019	21:55	20.19	0.148
7/24/2019	21:56	20.17	0.178
7/24/2019	21:57	20.15	0.103
7/24/2019	21:58	20.14	0.129
7/24/2019	21:59	20.13	0.132
7/24/2019	22:00	20.12	0.121
7/24/2019	22:01	20.12	0.178
7/24/2019	22:02	20.12	0.187
7/24/2019	22:03	20.11	0.222
7/24/2019	22:04	20.1	0.28
7/24/2019	22:05	20.08	0.202
7/24/2019	22:06	20.07	0.2
7/24/2019	22:07	20.07	0.297
7/24/2019	22:08	20.06	0.268
7/24/2019	22:09	20.06	0.243
7/24/2019	22:10	20.05	0.28
7/24/2019	22:11	20.02	0.199
7/24/2019	22:12	19.99	0.197
7/24/2019	22:13	19.97	0.158
7/24/2019	22:14	19.95	0.167
7/24/2019	22:15	19.93	0.207
7/24/2019	22:16	19.92	0.161
7/24/2019	22:17	19.91	0.114

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286.2	146.4659307	20.61
305	170.6093072	20.61
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274.8	141.6027124	20.6
264.8	142.0792607	20.59
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221.1	177.3320297	20.56
191.3	137.7078372	20.54
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128.1	177.3628294	20.47
78.93	144.4149103	20.46
67.74	153.6580837	20.44
26.45	150.1264814	20.4
312	187.4756675	20.36
303.2	167.137323	20.31
302.3	165.5142265	20.29
301.8	164.6434892	20.28
296.2	156.2631643	20.27
303.8	168.2604307	20.25
312.2	188.0494405	20.24
313.9	195.7142115	20.22
314.9	194.9814553	20.21
305.2	171.014516	20.2
302.1	165.1633188	20.19
297.9	158.5564148	20.17
296.8	157.0491672	20.15
290.1	149.595865	20.13
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281.7	143.8222881	20.1
279.2	142.7702052	20.09
283.7	144.8750382	20.08
285.1	145.7274513	20.07
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293.1	152.5859038	20.07
295	154.7650203	20.07
283.8	144.932729	20.06
272.2	141.3111722	20.06
264.3	142.2173074	20.06
257.6	145.1683796	20.07
257.9	144.9909076	20.06
256.3	145.9889028	20.06
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202.2	145.3759529	19.97
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156.6	148.6120398	19.9
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168.5	138.6806025	19.81

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0.182	274
0.145	290
0.138	269.9
0.241	270.4
0.156	253.1
0.163	219.5
0.201	214.7
0.182	193.6
0.169	148.5
0.117	127
0.158	79.94
0.235	58.03
0.168	25.47
0.184	329
0.288	315
0.256	317.1
0.213	315.1
0.197	311.5
0.135	313.8
0.121	319.6
0.147	318.6
0.212	322.5
0.286	317.6
0.254	312.4
0.242	308.9
0.212	309.2
0.185	307.5
0.174	300.4
0.132	299.6
0.125	294.7
0.146	292.3
0.135	291.8
0.165	295.6
0.21	305.6
0.275	302.1
0.307	292.9
0.326	274.3
0.338	262.6
0.316	254.7
0.321	254.8
0.285	249.4
0.241	242.2
0.216	198.3
0.265	193.6
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0.238	159.7
0.289	150.3
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0.157	150.4

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162.994021	20.69
138.8423412	20.68
160.4181218	20.65
174.8472386	20.63
143.8995048	20.62
168.203478	20.58
148.9305756	20.53
159.540656	20.47
194.6299891	20.41
187.6599662	20.41
194.2803784	20.4
186.0662962	20.39
195.7142115	20.36
180.290119	20.34
183.1257514	20.33
172.8296935	20.32
186.1096044	20.31
188.6290418	20.31
179.2802945	20.29
180.0191816	20.27
175.9737479	20.25
162.3184643	20.23
161.0618684	20.22
154.4054945	20.21
151.7361232	20.19
151.2247092	20.19
155.5019575	20.19
171.8370419	20.19
165.1633188	20.19
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147.041908	20.19
151.8402112	20.18
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138.8423412	20.09
136.6142539	20.08
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157.1969778	19.98

0.223	173.3	136.6458601	21.02	0.306	176.7	135.8102214
0.172	198.2	141.8632814	20.97	0.262	192.9	138.471433
0.176	262.8	142.6984082	20.96	0.247	247.5	153.9352634
0.145	283.1	144.539086	20.94	0.212	256.7	145.7274513
0.128	263.8	142.366475	20.91	0.186	249.3	151.9449052
0.181	269.8	141.30084	20.89	0.32	262.5	142.8067836
0.18	253.4	148.1307424	20.87	0.249	247.1	154.4054945
0.195	228.4	191.6169031	20.84	0.289	227.9	193.1689136
0.255	221.3	177.8577632	20.82	0.356	218.1	170.0444603
0.237	205.8	149.3262707	20.82	0.335	208.6	152.9777221
0.203	168.9	138.471433	20.81	0.285	181.2	135.4473567
0.162	149.2	159.1957351	20.78	0.228	164.2	141.4098131
0.194	96.4	141.9282093	20.76	0.209	111.4	150.8262993
0.322	60.5	163.7942737	20.74	0.374	66.23	155.4645385
0.231	38.19	170.2476564	20.73	0.278	51.66	182.4070262
0.224	343.2	142.1758963	20.68	0.295	356.4	135.8643244
0.34	322.8	172.1177686	20.63	0.417	335.2	150.3151193
0.316	320.8	177.0711342	20.62	0.42	322.2	173.55231
0.285	316.3	190.2254851	20.59	0.401	317.3	187.035022
0.255	310.8	184.1517432	20.58	0.356	312.7	189.5095215
0.17	315.5	192.9002508	20.55	0.252	316.4	189.898934
0.174	319.4	180.8458047	20.53	0.26	316.7	188.9294126
0.182	316.1	190.8837175	20.51	0.273	315	194.6299891
0.273	321.3	175.7860767	20.49	0.361	319.2	181.4071437
0.358	319.8	179.7400211	20.49	0.449	317.1	187.6599662
0.302	313.2	191.0071128	20.48	0.421	309.7	181.2753983
0.261	309.4	180.5179243	20.45	0.404	306.8	174.4043676
0.185	310.5	183.3515534	20.43	0.36	307.4	175.7462142
0.186	308	177.1284437	20.41	0.304	308	177.1284437
0.201	306	172.6759748	20.4	0.295	307	174.8472386
0.141	307.3	175.5198021	20.39	0.247	306.8	174.4043676
0.157	299.8	161.3712442	20.37	0.253	299.8	161.3712442
0.158	298	158.6977847	20.36	0.237	293.1	152.5859038
0.144	298.9	160.0036074	20.36	0.217	298.2	158.9827372
0.194	300.8	162.9661204	20.35	0.273	295.8	155.7529709
0.226	307.2	175.2945059	20.35	0.327	303.4	167.507983
0.301	305.3	171.2186266	20.35	0.42	301.6	164.3012465
0.357	297.5	157.9982448	20.35	0.499	294.9	154.6445213
0.332	281.8	143.8704074	20.36	0.529	279.7	142.9576428
0.284	262.9	142.6631883	20.38	0.503	263.2	142.5602372
0.351	257	145.5366244	20.37	0.525	256	146.1902907
0.371	256.1	146.1226545	20.35	0.575	255.1	146.8220309
0.311	250.1	151.1242187	20.33	0.502	251.7	149.595865
0.31	242.6	160.4525084	20.29	0.466	245.1	156.9164217
0.264	208.2	152.4227699	20.26	0.347	215.5	164.548069
0.334	206.2	149.8154124	20.24	0.407	208.9	153.4015168
0.275	197.5	141.3360215	20.23	0.381	202.8	145.9799608
0.301	173.5	136.5830783	20.21	0.391	180.9	135.4455
0.372	161.4	143.6871825	20.18	0.471	163.7	141.786421
0.309	149.6	158.5161218	20.16	0.395	152.4	154.1225109
0.223	162.6	142.6604859	20.13	0.328	162.6	142.6604859

21.22	0.386	188.6	136.6778973	142.0510801	Yes
21.17	0.39	205.1	148.4952449	143.9021336	Yes
21.15	0.356	235.6	173.1016948	146.1453592	Yes
21.13	0.288	243	159.8555038	152.5952674	Yes
21.09	0.263	246.8	154.7650203	144.3961237	Yes
21.05	0.341	262.8	142.6984082	141.7476289	Yes
21.02	0.339	250.5	150.728171	148.2483075	Yes
20.98	0.383	232.7	179.7716623	182.7913563	Yes
20.98	0.467	221.7	178.9252109	172.0570685	Yes
20.98	0.45	215.3	164.1537804	144.7135428	Yes
20.97	0.395	200	143.3363204	155.3429834	Yes
20.94	0.316	187.3	136.2949008	163.2039041	Yes
20.91	0.26	145	167.2080708	145.2672309	Yes
20.88	0.289	82	142.996497	160.2800935	Yes
20.85	0.183	73.54	148.017149	162.9279349	Yes
20.83	0.272	18.55	142.1363651	156.2641361	Yes
20.8	0.365	340.5	144.5088047	171.05005	Yes
20.77	0.444	327.8	161.6837458	175.9494092	Yes
20.75	0.491	320.5	177.8577632	184.0460937	Yes
20.73	0.465	318.5	183.4173207	178.9976813	Yes
20.71	0.367	320	179.1954466	186.6934567	Yes
20.69	0.365	316.4	189.898934	184.5286942	Yes
20.66	0.371	315.1	194.2803784	191.0884174	Yes
20.64	0.432	321.6	175.0303206	181.2510923	Yes
20.63	0.514	316.2	190.5537426	181.1310269	Yes
20.61	0.569	307.7	176.4322033	181.5187179	Yes
20.59	0.559	307.2	175.2945059	173.1897503	Yes
20.57	0.503	307.8	176.6631365	174.0415291	Yes
20.56	0.441	309.3	180.2679334	169.9566251	Yes
20.55	0.431	307.1	175.0703199	164.1841201	Yes
20.55	0.378	305	170.6093072	163.7020815	Yes
20.54	0.341	299.6	161.0618684	154.9795471	Yes
20.54	0.334	296.1	156.1345891	151.9737125	Yes
20.53	0.33	303.4	167.507983	153.9846263	Yes
20.53	0.375	302.6	166.0471971	155.2789629	Yes
20.52	0.43	304.9	170.4081994	166.8063586	Yes
20.52	0.501	304.3	169.2222095	163.8620531	Yes
20.52	0.548	298.8	159.8555038	152.4863188	Yes
20.52	0.529	282.8	144.3776216	142.4157822	Yes
20.53	0.508	266.7	141.6552183	142.5527346	Yes
20.52	0.566	262.8	142.6984082	146.0028846	Yes
20.52	0.601	261.7	143.1158038	146.2443753	Yes
20.5	0.561	261.1	143.3668232	149.6372994	Yes
20.49	0.554	255.5	146.5361202	157.5417304	Yes
20.47	0.451	234.2	176.202409	151.0718624	Yes
20.45	0.491	229.2	189.2145397	146.8588058	Yes
20.45	0.487	220.5	175.7860767	140.1937009	Yes
20.43	0.497	197.9	141.6342428	141.4794837	Yes
20.39	0.565	182	135.4704656	147.2288189	Yes
20.35	0.519	175.8	135.9838512	168.6049237	Yes
20.32	0.456	184.5	135.7132992	145.299638	Yes

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7/24/2019	22:19	19.88	0.093
7/24/2019	22:20	19.87	0.067
7/24/2019	22:21	19.86	0.081
7/24/2019	22:22	19.84	0.115
7/24/2019	22:23	19.82	0.169
7/24/2019	22:24	19.82	0.188
7/24/2019	22:25	19.81	0.216
7/24/2019	22:26	19.81	0.214
7/24/2019	22:27	19.8	0.238
7/24/2019	22:28	19.79	0.238
7/24/2019	22:29	19.78	0.22
7/24/2019	22:30	19.77	0.17
7/24/2019	22:31	19.76	0.138
7/24/2019	22:32	19.76	0.133
7/24/2019	22:33	19.76	0.105
7/24/2019	22:34	19.76	0.095
7/24/2019	22:35	19.75	0.098
7/24/2019	22:36	19.74	0.056
7/24/2019	22:37	19.73	0.077
7/24/2019	22:38	19.7	0.08
7/24/2019	22:39	19.69	0.096
7/24/2019	22:40	19.68	0.15
7/24/2019	22:41	19.67	0.138
7/24/2019	22:42	19.67	0.082
7/24/2019	22:43	19.66	0.064
7/24/2019	22:44	19.64	0.047
7/24/2019	22:45	19.62	0.053
7/24/2019	22:46	19.61	0.097
7/24/2019	22:47	19.61	0.097
7/24/2019	22:48	19.61	0.085
7/24/2019	22:49	19.6	0.105
7/24/2019	22:50	19.59	0.186
7/24/2019	22:51	19.57	0.283
7/24/2019	22:52	19.53	0.305
7/24/2019	22:53	19.49	0.296
7/24/2019	22:54	19.46	0.314
7/24/2019	22:55	19.44	0.283
7/24/2019	22:56	19.41	0.16
7/24/2019	22:57	19.39	0.167
7/24/2019	22:58	19.37	0.123
7/24/2019	22:59	19.37	0.105
7/24/2019	23:00	19.36	0.057
7/24/2019	23:01	19.34	0.047
7/24/2019	23:02	19.33	0.06
7/24/2019	23:03	19.34	0.053
7/24/2019	23:04	19.34	0.07
7/24/2019	23:05	19.34	0.126
7/24/2019	23:06	19.32	0.178
7/24/2019	23:07	19.3	0.201
7/24/2019	23:08	19.28	0.191

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213.7	161.1359522	19.76
212.3	158.684756	19.75
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195.9	140.2234999	19.73
170.4	137.7521729	19.7
165.8	140.2893212	19.68
162.8	142.4968525	19.66
157.9	147.1426245	19.65
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174	136.4336422	19.64
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166.6	139.7763685	19.61
155.7	149.6921424	19.6
146.9	163.3767931	19.59
136	191.2154206	19.59
135.5	192.9002508	19.6
152.7	153.6876994	19.59
162.7	142.5784051	19.59
193.9	139.008273	19.58
206.1	149.6921424	19.56
223.3	183.4173207	19.54
229.1	189.5095215	19.53
221.3	177.8577632	19.55
220.8	176.5532489	19.57
192	138.0276292	19.56
161.5	143.5986496	19.54
209.4	154.1225109	19.52
238.9	166.5881931	19.5
259.8	143.9680589	19.51
298.1	158.8398912	19.52
315.6	192.5597384	19.53
322.9	171.8828066	19.52
323.2	171.184873	19.51
323.3	170.9545255	19.48
318.5	183.4173207	19.44
310.8	184.1517432	19.4
302.9	166.5881931	19.38
287	147.041908	19.35
285	145.663343	19.33
285.1	145.7274513	19.32
295.4	155.2536405	19.31
283.5	144.7611164	19.3
277.9	142.3357491	19.29
252.1	149.2366877	19.28
261.6	143.1564895	19.28
263.7	142.397648	19.3
269.9	141.2963201	19.31
280.7	143.3668232	19.3
272.5	141.3299024	19.29
271.5	141.2825466	19.27

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0.124	198.9
0.108	207.9
0.126	204.5
0.173	183.8
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0.331	150.9
0.317	157
0.336	163.7
0.255	160.8
0.214	154
0.209	147.3
0.205	137
0.182	125.9
0.164	128.4
0.14	133.1
0.115	141.6
0.086	173.9
0.115	193
0.138	212.4
0.199	218.1
0.194	224.8
0.11	226.4
0.106	188.2
0.077	157.7
0.08	193.2
0.126	229.3
0.169	251.5
0.175	275.5
0.214	307.8
0.277	315.8
0.382	319
0.465	318.4
0.443	312.7
0.441	308
0.393	295.1
0.313	285.1
0.286	281.3
0.235	277.7
0.183	288.8
0.124	283.9
0.08	278.1
0.117	265.2
0.186	267
0.289	268
0.402	266.8
0.49	272.6
0.548	270.9
0.538	264.3

135.8102214	19.95
142.4158267	19.93
152.0140384	19.92
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135.6191797	19.92
139.4714437	19.91
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152.6988115	19.9
156.3989918	19.91
148.1486618	19.89
141.786421	19.86
144.2299319	19.84
151.8792052	19.82
162.6150149	19.8
187.9748679	19.78
172.4646859	19.77
178.0729882	19.76
190.7045403	19.75
175.0303206	19.74
136.4626721	19.72
138.5230334	19.7
158.8542338	19.68
170.0444603	19.67
187.9748679	19.69
193.2425592	19.71
136.5523328	19.7
147.3618674	19.68
138.6276173	19.66
188.9210494	19.65
149.7788447	19.65
141.7313339	19.66
176.6631365	19.66
191.884056	19.66
181.9742025	19.65
183.7103804	19.6
189.5095215	19.54
177.1284437	19.5
154.8861795	19.47
145.7274513	19.45
143.6345036	19.42
142.2756368	19.41
148.4611505	19.4
144.9909076	19.39
142.397648	19.38
141.9767943	19.38
141.6027124	19.38
141.4559546	19.39
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141.3370081	19.4
141.2748	19.39
142.2173074	19.37

0.17	183.7	135.6073966	20.11	0.287	175.1	136.1424529
0.167	192.9	138.471433	20.1	0.285	183.1	135.5454083
0.156	198.2	141.8632814	20.11	0.264	189.2	136.8792016
0.182	200.2	143.5106627	20.13	0.272	194.6	139.411891
0.248	189.2	136.8792016	20.14	0.305	184.9	135.7762441
0.319	177.8	135.6439919	20.14	0.386	174.9	136.1915717
0.369	170.5	137.7078372	20.12	0.483	166.7	139.7144254
0.41	161.9	143.249962	20.13	0.561	158.2	146.8183282
0.433	160.4	144.6028841	20.13	0.589	156.8	148.379085
0.441	165.3	140.6257933	20.1	0.592	162	143.1641434
0.427	169.4	138.2203136	20.07	0.594	161.8	143.3363204
0.345	166.7	139.7144254	20.03	0.458	159.6	145.3759529
0.297	164.2	141.4098131	20	0.378	158.4	146.6051528
0.268	158.6	146.3943767	19.97	0.376	155.6	149.8154124
0.246	152.1	154.5640391	19.94	0.375	150.4	157.1969778
0.22	140.5	177.8577632	19.92	0.325	143.7	170.0444603
0.203	141.4	175.5328989	19.9	0.289	140	179.1954466
0.198	145	167.2080708	19.89	0.27	145.8	165.5509953
0.134	158.1	146.9258206	19.87	0.241	154.3	151.4788997
0.146	176.2	135.9024875	19.85	0.219	168.3	138.7879636
0.16	188.2	136.5523328	19.83	0.249	176.7	135.8102214
0.169	205	148.379085	19.81	0.26	190.8	137.4928614
0.239	216.9	167.4198452	19.8	0.326	204.6	147.9207527
0.228	222.7	181.6899539	19.82	0.272	218.3	170.4972397
0.158	226.5	193.5866754	19.83	0.247	224.1	185.8042924
0.148	200.7	143.9560723	19.82	0.223	201	144.2299319
0.122	184.1	135.6570213	19.8	0.222	189.3	136.9142707
0.125	198.4	142.0185516	19.79	0.222	194	139.0645196
0.151	224.6	187.3466876	19.78	0.227	213.5	160.7752562
0.194	247.1	154.4054945	19.78	0.255	242.5	160.6036824
0.149	274.4	141.5387984	19.79	0.257	267.8	141.4818346
0.245	306.6	173.9658487	19.79	0.391	301.9	164.8158999
0.368	318.5	183.4173207	19.8	0.556	314.1	195.7142115
0.501	321.9	174.2857928	19.77	0.692	317.9	185.1983516
0.57	322.3	173.3102392	19.72	0.79	319.2	181.4071437
0.549	317	187.9748679	19.67	0.751	313.7	192.5433417
0.525	309.1	179.7716623	19.63	0.699	304.7	170.0089535
0.449	301.2	163.6269725	19.6	0.582	299.2	160.4525084
0.369	293.6	153.1370917	19.58	0.521	293.7	153.2492103
0.349	288.1	147.8886214	19.56	0.469	287.8	147.6513318
0.281	285.6	146.0555256	19.54	0.43	286.2	146.4659307
0.228	291.4	150.8262993	19.53	0.389	291.6	151.0243214
0.172	295.7	155.627126	19.52	0.302	287.9	147.7298938
0.129	285.1	145.7274513	19.51	0.248	286	146.3270894
0.109	265.6	141.8813857	19.5	0.231	280	143.0755769
0.153	273.1	141.3790081	19.5	0.278	277	142.0792607
0.203	270.2	141.2853442	19.5	0.381	270.8	141.2750152
0.292	268.7	141.3790081	19.5	0.506	270	141.2922309
0.412	277.5	142.2173074	19.52	0.671	274.6	141.5698857
0.434	273.1	141.3790081	19.52	0.764	268.2	141.431807
0.477	263.6	142.4292686	19.51	0.739	261.4	143.23924

20.31	0.414	197.4	141.262737	136.8341099	Yes
20.32	0.414	205.1	148.4952449	144.392155	Yes
20.35	0.369	209.4	154.1225109	147.3603194	Yes
20.38	0.356	207.7	151.7450728	149.2754105	Yes
20.37	0.387	197.7	141.484113	137.1245313	Yes
20.36	0.484	185	135.7930238	137.264795	Yes
20.34	0.598	175.9	135.9628798	140.6022777	Yes
20.34	0.732	171.9	137.1338452	146.3159885	Yes
20.34	0.787	170.5	137.7078372	149.1308963	Yes
20.32	0.829	173	136.743267	142.4451972	Yes
20.27	0.791	166.7	139.7144254	139.9441743	Yes
20.22	0.642	169.2	138.3193881	141.8020459	Yes
20.17	0.548	168.9	138.471433	144.9176349	Yes
20.13	0.508	166.4	139.9016992	152.1292366	Yes
20.08	0.49	164	141.5589225	165.7781695	Yes
20.05	0.449	160.4	144.6028841	177.8955825	Yes
20.02	0.426	159	145.9799608	181.4253961	Yes
19.99	0.436	163.4	142.0185516	169.2878265	Yes
19.97	0.372	168.3	138.7879636	154.0033615	Yes
19.94	0.368	176.8	135.7930238	137.540349	Yes
19.91	0.394	184.5	135.7132992	140.1444325	Yes
19.89	0.395	194.9	139.5919783	157.0358752	Yes
19.88	0.406	205.5	148.9662571	168.7236449	Yes
19.88	0.337	219.8	174.0400802	179.5049562	Yes
19.89	0.298	225.6	190.5537426	187.296694	Yes
19.88	0.315	208.6	152.9777221	140.6914915	Yes
19.87	0.362	198.1	141.786421	140.8829523	Yes
19.86	0.336	198.8	142.3353263	143.4582999	Yes
19.86	0.311	216.7	166.9973396	175.9077966	Yes
19.87	0.322	247.8	153.5893653	152.1890201	Yes
19.86	0.3	271.4	141.2801795	145.8979645	Yes
19.86	0.439	304.6	169.810806	177.0011559	Yes
19.89	0.663	318.5	183.4173207	185.7245987	Yes
19.85	0.876	318.4	183.7103804	178.160805	Yes
19.82	0.975	317.6	186.1096044	177.3455722	Yes
19.79	0.968	313.1	190.7045403	188.3612629	Yes
19.75	0.899	307.2	175.2945059	177.7652007	Yes
19.73	0.808	305.2	171.014516	161.3884634	Yes
19.71	0.724	303.3	167.3221929	149.7889153	Yes
19.7	0.669	301.2	163.6269725	146.20945	Yes
19.69	0.631	300.2	161.9995159	145.1311361	Yes
19.68	0.593	302.4	165.6909983	151.3913529	Yes
19.68	0.468	304.6	169.810806	148.2772609	Yes
19.68	0.368	305.4	171.4237479	144.1969844	Yes
19.67	0.339	299.7	161.2161624	144.0426112	Yes
19.66	0.367	292.8	152.2626427	142.0543677	Yes
19.65	0.449	285.4	145.922785	141.6034905	Yes
19.65	0.606	284.7	145.4740121	141.4012099	Yes
19.67	0.819	287.1	147.1162438	142.1227561	Yes
19.69	0.792	279	142.6984082	141.3538794	Yes
19.67	0.803	268	141.4559546	142.2920907	Yes

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0.063	137.7	185.8042924	19.16	0.131	112.5	151.9449052
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0.167	28.23	152.4639941	19.15	0.146	35.17	163.8995735
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0.218	358.1	135.6073966	19.13	0.194	1.397	135.4505958
0.17	354.6	136.2684311	19.12	0.141	356	135.9423289
0.198	6.99	136.2142283	19.11	0.173	5.738	135.9297985
0.06	59.23	165.9935407	19.1	0.108	54.87	174.6917359
0.04	40.57	175.9640554	19.08	0.056	62.57	160.4977794
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0.044	167.4	139.2942101	19.05	0.052	131.6	186.3453391
0.05	168.8	138.5230334	19.03	0.047	141	176.5532489
0.085	145.8	165.5509953	19.03	0.124	124.6	169.810806
0.136	149.7	158.3483275	19.05	0.197	144.9	167.4198452
0.271	160.3	144.6975271	19.1	0.339	155.5	149.9393426
0.379	160	144.9848547	19.14	0.44	149.1	159.3677662
0.427	159.8	145.1792559	19.16	0.509	146.6	163.9580918
0.414	154.8	150.8255466	19.18	0.568	143.7	170.0444603
0.475	154.1	151.7450728	19.21	0.654	144.5	168.2774801
0.491	155.4	150.0639356	19.2	0.676	147.4	162.4269132
0.371	158.1	146.9258206	19.18	0.539	150.6	156.8753741
0.304	164.6	141.1176841	19.16	0.443	151.1	156.0853794
0.273	163.4	142.0185516	19.15	0.396	151.3	155.7749165
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19.64	0.763	267.6	141.5094486	142.8997472	Yes
19.59	0.742	268.5	141.3988308	143.1524388	Yes
19.55	0.608	268.9	141.3609132	142.2014401	Yes
19.53	0.598	265.3	141.9522815	145.1745889	Yes
19.5	0.655	257.1	145.4740121	156.6818728	Yes
19.46	0.752	251.7	149.595865	158.4785096	Yes
19.43	0.737	252.5	148.8864702	156.1944838	Yes
19.41	0.754	254.1	147.5733027	155.0423821	Yes
19.4	0.712	255.2	146.7497779	149.4071836	Yes
19.4	0.679	253.6	147.9687897	149.016308	Yes
19.38	0.631	256.7	145.7274513	147.8641156	Yes
19.36	0.527	258.1	144.8750382	146.1857127	Yes
19.35	0.451	256	146.1902907	154.7337717	Yes
19.36	0.395	244	158.4157786	172.2314928	Yes
19.36	0.297	230.6	185.2375331	149.4802863	Yes
19.35	0.267	203.7	146.9258206	139.5523848	Yes
19.33	0.377	180.4	135.4506575	153.5730621	Yes
19.32	0.348	174.4	136.3217962	165.859275	Yes
19.3	0.15	185.9	135.9628798	160.8426513	Yes
19.27	0.056	296	156.0067	137.5657359	Yes
19.24	0.04	303.8	168.2604307	138.9412826	Yes
19.21	0.057	196.8	140.8336095	158.0032213	Yes
19.19	0.104	160.8	144.2299319	167.396402	Yes
19.18	0.127	154.4	151.3468538	170.2836308	Yes
19.18	0.149	131.7	186.6257896	150.6742131	Yes
19.17	0.144	57	170.2080831	150.5541371	Yes
19.17	0.132	17.61	141.4172202	137.120123	Yes
19.17	0.109	359	135.5200067	136.5448447	Yes
19.15	0.062	337.7	147.3618674	141.2765663	Yes
19.14	0.085	353	136.743267	136.1497358	Yes
19.12	0.044	128.8	179.0364331	158.0901614	Yes
19.1	0.054	122.5	165.8686538	159.3237612	Yes
19.08	0.049	148.1	161.1359522	146.310977	Yes
19.08	0.112	162.5	142.7430964	156.1245432	Yes
19.1	0.141	163.7	141.786421	147.7750147	Yes
19.13	0.198	160.6	144.4152874	162.7290642	Yes
19.16	0.276	156.4	148.8475437	160.7614829	Yes
19.22	0.42	157.5	147.5835656	146.1713291	Yes
19.26	0.533	154.6	151.0848301	148.4200167	Yes
19.29	0.582	153.4	152.6988115	150.418738	Yes
19.31	0.662	151.8	155.0123664	158.2125491	Yes
19.34	0.778	154.4	151.3468538	156.8363252	Yes
19.36	0.844	154.7	150.9548471	155.2137597	Yes
19.38	0.748	154.2	151.6116385	149.556363	Yes
19.36	0.633	155	150.5689831	144.9101429	Yes
19.33	0.547	155	150.5689831	145.5015609	Yes
19.3	0.496	160.2	144.7927354	143.6989135	Yes
19.27	0.447	165.9	140.2234999	141.8108888	Yes
19.23	0.38	173.6	136.5523328	136.5521533	Yes
19.2	0.325	183.5	135.5850754	142.9214318	Yes
19.16	0.311	181.7	135.458704	138.6710259	Yes

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130	182.0442679	18.73
118.9	160.0036074	18.78
117.2	157.5872152	18.8
122.3	165.5142265	18.82
128	177.1284437	18.83
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171.7	137.21054	18.83
178.6	135.5547035	18.82
212	158.1813694	18.8
235	174.4043676	18.8
222.5	181.1257634	18.82
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216	165.5509953	18.9
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169.7	138.0751192	18.91
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233.2	178.5523232	18.94
254	147.6513318	18.98
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172.8	136.810367	18.93
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166	140.1581671	18.95
168.6	138.6276173	18.95
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166.5	139.8387928	19.04

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0.203	144	169.3736382	19.02	0.301	142.3	173.3102392
0.299	127.1	175.0703199	19.04	0.372	127.9	176.8952147
0.376	122.7	166.2266321	19.06	0.457	124.2	169.0279442
0.346	116.7	156.9164217	19.08	0.429	119.4	160.7556316
0.26	119.4	160.7556316	19.08	0.392	118.4	159.2706591
0.212	121.2	163.6269725	19.09	0.321	114.2	153.8193224
0.163	128.7	178.7937782	19.1	0.298	122.1	165.1633188
0.125	139.6	180.290119	19.09	0.225	134.5	195.0846305
0.134	157.8	147.2519401	19.09	0.206	144	169.3736382
0.159	169.9	137.9805921	19.09	0.22	155.3	150.1891937
0.156	188.3	136.5830783	19.07	0.204	170.9	137.5349652
0.172	219.6	173.55231	19.06	0.233	194.8	139.5314724
0.225	215.7	164.946271	19.06	0.291	200.7	143.9560723
0.218	218.6	171.184873	19.07	0.281	213.9	161.5002424
0.16	229.5	188.3385084	19.09	0.224	229.1	189.5095215
0.119	221.2	177.5942369	19.11	0.181	234.1	176.4322033
0.083	191.3	137.7078372	19.12	0.13	215.4	164.3504379
0.066	191.4	137.7521729	19.13	0.119	203.2	146.3943767
0.093	233.7	177.3628294	19.13	0.158	240.2	164.3012465
0.118	232.6	180.0191816	19.15	0.172	243.1	159.7081601
0.166	251.4	149.8711879	19.18	0.225	254.9	146.9680947
0.226	251.6	149.6870709	19.21	0.299	253.2	148.294859
0.299	245.1	156.9164217	19.22	0.376	241.6	161.9995159
0.34	226.6	193.9326112	19.21	0.463	227.4	194.7612235
0.363	221.3	177.8577632	19.21	0.493	220.8	176.5532489
0.313	213.3	160.4181218	19.22	0.429	214.8	163.184934
0.297	204.6	147.9207527	19.22	0.417	207.7	151.7450728
0.225	186.4	136.0719483	19.22	0.327	195.7	140.0933217
0.176	175.5	136.0492916	19.2	0.279	187.6	136.3768654
0.106	213.6	160.955157	19.19	0.176	217.2	168.0614801
0.071	286.2	146.4659307	19.17	0.108	261.5	143.1976347
0.107	317.1	187.6599662	19.16	0.153	284.1	145.1087319
0.127	311.1	184.9640411	19.15	0.192	286.5	146.6780426
0.109	277	142.0792607	19.15	0.203	273.1	141.3790081
0.121	234.2	176.202409	19.16	0.177	238.3	167.6946976
0.166	217.3	168.2774801	19.16	0.226	221.8	179.1954466
0.227	197.6	141.4098131	19.17	0.278	197.7	141.484113
0.273	182.4	135.4919297	19.17	0.332	180.2	135.4556091
0.213	176.3	135.8831963	19.17	0.295	177.3	135.7132992
0.118	172	137.0961561	19.17	0.183	165.1	140.7638403
0.082	154	151.8792052	19.17	0.141	161.7	143.4232201
0.139	157.2	147.9207527	19.18	0.221	151.6	155.3150699
0.131	159.2	145.7762909	19.19	0.239	147.1	162.994021
0.069	156.1	149.2056183	19.2	0.135	154.1	151.7450728
0.035	196.6	140.6945686	19.2	0.072	177.8	135.6439919
0.054	176.7	135.8102214	19.2	0.104	162.7	142.5784051
0.11	162.6	142.6604859	19.2	0.145	159.6	145.3759529
0.199	169.7	138.0751192	19.22	0.281	162.5	142.7430964
0.305	168.4	138.734051	19.24	0.399	158.8	146.1859844
0.408	162	143.1641434	19.28	0.523	152.1	154.5640391

19.14	0.292	179.1	135.5123672	147.851822	Yes
19.14	0.38	165.6	140.4224336	173.6414351	Yes
19.16	0.443	145.3	166.5789856	171.6761741	Yes
19.17	0.542	135.8	191.884056	160.8882607	Yes
19.18	0.543	131.6	186.3453391	155.2791099	Yes
19.18	0.477	128.1	177.3628294	158.6722036	Yes
19.18	0.434	126.1	172.8883094	160.4792844	Yes
19.18	0.387	131.9	187.1909456	163.8731237	Yes
19.18	0.367	142.9	171.8828066	171.9239218	Yes
19.19	0.277	141.7	174.7809062	152.6379746	Yes
19.19	0.26	147.6	162.0534901	140.2145836	Yes
19.18	0.223	159.3	145.6753339	143.4458815	Yes
19.16	0.227	193.5	138.7879636	167.842957	Yes
19.15	0.336	200.9	144.1380905	168.5822784	Yes
19.15	0.344	216.3	166.1647422	175.032467	Yes
19.17	0.309	230	186.9076557	184.4423293	Yes
19.18	0.245	233.3	178.312062	174.7611207	Yes
19.19	0.19	213.7	161.1359522	143.9323116	Yes
19.19	0.18	206.1	149.6921424	139.5036731	Yes
19.2	0.171	236.9	170.4081994	168.0860623	Yes
19.22	0.196	248	153.3619607	174.6993973	Yes
19.24	0.233	254.9	146.9680947	148.9541023	Yes
19.26	0.318	255.6	146.4659307	148.3472645	Yes
19.26	0.4	246.1	155.627126	159.0528282	Yes
19.24	0.498	235.2	173.9658487	186.8215495	Yes
19.25	0.525	231.5	182.824721	173.6796477	Yes
19.26	0.513	225.8	191.2154206	156.8446075	Yes
19.26	0.496	220.4	175.5328989	145.1291915	Yes
19.26	0.399	207	150.8255466	137.0194232	Yes
19.24	0.33	205.6	149.0856146	138.8008072	Yes
19.23	0.232	218.4	170.7253164	157.3216945	Yes
19.21	0.137	244.5	157.7235069	147.1096785	Yes
19.2	0.142	267.7	141.4954247	161.1742244	Yes
19.2	0.174	276	141.8363207	177.8875974	Yes
19.2	0.191	269.1	141.344545	141.7042602	Yes
19.2	0.186	240.8	163.294883	177.8604798	Yes
19.19	0.236	218.8	171.6490075	161.2119522	Yes
19.2	0.314	200.3	143.5986496	138.8370645	Yes
19.22	0.384	190.3	137.2889944	136.9217284	Yes
19.22	0.354	187.2	136.2684311	137.6687722	Yes
19.21	0.279	184.4	135.6986053	139.8303467	Yes
19.21	0.249	181.7	135.458704	147.8701396	Yes
19.21	0.303	175.3	136.0950271	156.2988669	Yes
19.22	0.286	172.9	136.7766005	150.6181799	Yes
19.23	0.204	166.8	139.6529623	145.3220959	Yes
19.23	0.152	167.4	139.2942101	139.2607416	Yes
19.23	0.098	165.9	140.2234999	137.5810339	Yes
19.24	0.183	172.5	136.9142707	141.1459106	Yes
19.25	0.315	171.6	137.249547	140.703698	Yes
19.27	0.453	167.1	139.4714437	141.6833649	Yes
19.31	0.601	164.9	140.9038772	146.9390423	Yes

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5.512

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7/25/2019	0:55	19.29	0.283
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7/25/2019	0:57	19.29	0.242
7/25/2019	0:58	19.29	0.107
7/25/2019	0:59	19.28	0.068
7/25/2019	1:00	19.28	0.112
7/25/2019	1:01	19.28	0.143
7/25/2019	1:02	19.28	0.098
7/25/2019	1:03	19.28	0.053
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7/25/2019	1:06	19.26	0.1
7/25/2019	1:07	19.25	0.122
7/25/2019	1:08	19.23	0.142
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7/25/2019	1:10	19.21	0.218
7/25/2019	1:11	19.2	0.219
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7/25/2019	1:18	19.17	0.284
7/25/2019	1:19	19.15	0.226
7/25/2019	1:20	19.14	0.221
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7/25/2019	1:37	18.97	0.205
7/25/2019	1:38	18.95	0.222
7/25/2019	1:39	18.93	0.332
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127.8	176.6631365	19.03
123.8	168.2604307	19.02
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201.1	144.3223303	18.94
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0.283	105
0.323	112.7
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0.334	178.7
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0.274	196.3
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152.156119	19.07
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140.7638403	18.9
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0.484	160.9	144.1380905	19.32	0.619	151.5	155.4675767
0.482	162.9	142.4158267	19.34	0.626	151.5	155.4675767
0.468	163.7	141.786421	19.35	0.616	153.3	152.8379067
0.439	168.7	138.5750946	19.35	0.611	156.4	148.8475437
0.444	165.4	140.557513	19.35	0.54	158	147.0339187
0.367	166.1	140.0933217	19.34	0.417	159.9	145.0817692
0.23	170.3	137.796957	19.34	0.314	164.7	141.0459134
0.138	175.5	136.0492916	19.33	0.25	175.9	135.9628798
0.19	166.5	139.8387928	19.32	0.263	166.7	139.7144254
0.219	159.1	145.8778326	19.31	0.263	151.8	155.0123664
0.179	155.6	149.8154124	19.31	0.256	151.5	155.4675767
0.123	155.7	149.6921424	19.31	0.201	151.2	155.9297559
0.102	145.1	166.9973396	19.31	0.148	149.3	159.0245589
0.132	148.4	160.5962459	19.3	0.161	143.1	171.416365
0.18	148.3	160.7752562	19.3	0.248	139.4	180.8458047
0.249	142	174.0400802	19.29	0.343	134.2	194.1193848
0.307	137.2	187.3466876	19.31	0.427	129.7	181.2753983
0.397	141.2	176.0405229	19.32	0.554	136.2	190.5537426
0.435	143.4	170.7253164	19.32	0.604	137.1	187.6599662
0.488	139.8	179.7400211	19.32	0.632	135.5	192.9002508
0.506	136.1	190.8837175	19.32	0.64	131.8	186.9076557
0.551	130.5	183.3515534	19.33	0.675	127.8	176.6631365
0.482	121.7	164.4719393	19.32	0.592	119.2	160.4525084
0.49	121.1	163.4605101	19.29	0.605	120.2	161.9995159
0.597	121.7	164.4719393	19.26	0.672	119.3	160.6036824
0.59	122.2	165.3383346	19.23	0.685	119.3	160.6036824
0.516	116.2	156.2631643	19.21	0.627	115.8	155.7529709
0.471	113.7	153.2492103	19.19	0.632	112.1	151.529758
0.483	111.9	151.3257947	19.18	0.602	108.4	148.1307424
0.495	115.4	155.2536405	19.17	0.586	111.9	151.3257947
0.443	117.1	157.451638	19.16	0.446	115.1	154.8861795
0.347	122	164.9891752	19.15	0.479	117.6	158.1366964
0.325	113	152.4775331	19.14	0.45	113	152.4775331
0.311	114.4	154.0518489	19.14	0.38	108.2	147.9687897
0.308	119.8	161.3712442	19.14	0.393	116.2	156.2631643
0.264	125.6	171.8370419	19.13	0.357	118.6	159.5615734
0.257	135.5	192.9002508	19.13	0.347	130.2	182.5632711
0.323	156.3	148.9662571	19.13	0.422	143.7	170.0444603
0.406	162.3	142.9099119	19.12	0.49	153.1	153.1182603
0.42	180.2	135.4556091	19.12	0.525	169.6	138.1230627
0.466	192.8	138.4202926	19.1	0.562	182	135.4704656
0.405	195.1	139.7144254	19.1	0.568	186.7	136.1424529
0.374	190.4	137.328883	19.1	0.52	183.9	135.6313781
0.418	182.5	135.4983288	19.09	0.552	175	136.1668004
0.353	182.1	135.475212	19.07	0.481	175.2	136.1185285
0.381	178.5	135.564413	19.05	0.446	174	136.4336422
0.443	179.8	135.4704656	19.04	0.57	172.5	136.9142707
0.549	171.9	137.1338452	19.03	0.674	166.6	139.7763685
0.59	172.4	136.949775	19.01	0.748	167.4	139.2942101
0.55	178.5	135.564413	18.99	0.667	173.1	136.7103661

19.34	0.743	162.9	142.4158267	148.4963189	Yes
19.35	0.749	160.3	144.6975271	148.902072	Yes
19.38	0.73	159.9	145.0817692	148.8817191	Yes
19.38	0.746	164.1	141.484113	147.2401343	Yes
19.38	0.688	168.9	138.471433	142.6512663	Yes
19.38	0.641	169.3	138.2696225	142.8259932	Yes
19.38	0.578	169.3	138.2696225	142.6119864	Yes
19.38	0.383	175.4	136.0719483	138.7241705	Yes
19.37	0.256	184.8	135.759882	136.7616795	Yes
19.35	0.273	177.1	135.7439374	140.5755247	Yes
19.35	0.343	167.7	139.1212357	156.6188896	Yes
19.35	0.284	164.9	140.9038772	159.3618655	Yes
19.35	0.244	167.6	139.1784222	154.1125386	Yes
19.34	0.26	165.7	140.355632	165.4064909	Yes
19.34	0.291	164.3	141.3360215	166.6230917	Yes
19.33	0.315	157	148.1486618	174.7523351	Yes
19.34	0.432	150.3	157.3589946	179.7321305	Yes
19.35	0.533	139.4	180.8458047	181.1348147	Yes
19.36	0.659	143.8	169.8197457	179.6799568	Yes
19.38	0.728	139.8	179.7400211	177.3611086	Yes
19.39	0.814	139.7	180.0143756	181.2753473	Yes
19.39	0.814	136.5	189.5740787	183.766485	Yes
19.39	0.882	132.5	188.9210494	180.2178278	Yes
19.37	0.776	123.8	168.2604307	163.5401829	Yes
19.32	0.76	124.5	169.6136358	165.3349048	Yes
19.28	0.864	124.1	168.8346381	162.1962579	Yes
19.25	0.868	125.2	171.014516	162.3577561	Yes
19.23	0.771	120.8	162.9661204	152.591981	Yes
19.21	0.735	117.8	158.4157786	153.1504886	Yes
19.19	0.79	116.3	156.3924283	151.6411963	Yes
19.18	0.704	118.2	158.9827372	151.2074302	Yes
19.16	0.603	123	166.7703272	157.1822476	Yes
19.15	0.543	120.2	161.9995159	163.1759374	Yes
19.15	0.524	119.3	160.6036824	154.8856466	Yes
19.14	0.465	116.5	156.6530324	150.3470013	Yes
19.14	0.472	120.7	162.802978	164.1288717	Yes
19.14	0.48	122.5	165.8686538	167.940507	Yes
19.14	0.473	134.9	194.9814553	186.0177891	Yes
19.14	0.492	147	163.184934	156.5889692	Yes
19.14	0.591	155.3	150.1891937	145.8814759	Yes
19.14	0.624	172	137.0961561	136.6438205	Yes
19.12	0.677	187.5	136.3491176	138.0685049	Yes
19.12	0.7	193.3	138.6806025	140.1672338	Yes
19.13	0.662	192.1	138.0751192	136.2417596	Yes
19.12	0.641	186.2	136.0270567	135.7309592	Yes
19.1	0.564	184.4	135.6986053	135.7994555	Yes
19.09	0.586	183.9	135.6313781	136.0981743	Yes
19.08	0.626	181.9	135.4661321	136.3170807	Yes
19.07	0.784	176.9	135.7762441	138.5141194	Yes
19.06	0.885	177.2	135.7284098	138.4545481	Yes
19.04	0.814	181.4	135.4506575	136.372829	Yes

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0.803

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7/25/2019	1:43	18.84	0.268
7/25/2019	1:44	18.82	0.193
7/25/2019	1:45	18.8	0.299
7/25/2019	1:46	18.78	0.228
7/25/2019	1:47	18.76	0.267
7/25/2019	1:48	18.74	0.213
7/25/2019	1:49	18.72	0.233
7/25/2019	1:50	18.7	0.282
7/25/2019	1:51	18.68	0.285
7/25/2019	1:52	18.66	0.279
7/25/2019	1:53	18.64	0.358
7/25/2019	1:54	18.63	0.321
7/25/2019	1:55	18.63	0.263
7/25/2019	1:56	18.62	0.241
7/25/2019	1:57	18.61	0.197
7/25/2019	1:58	18.6	0.278
7/25/2019	1:59	18.59	0.195
7/25/2019	2:00	18.58	0.173
7/25/2019	2:01	18.56	0.169
7/25/2019	2:02	18.55	0.135
7/25/2019	2:03	18.53	0.127
7/25/2019	2:04	18.5	0.156
7/25/2019	2:05	18.47	0.18
7/25/2019	2:06	18.43	0.165
7/25/2019	2:07	18.38	0.215
7/25/2019	2:08	18.35	0.197
7/25/2019	2:09	18.31	0.244
7/25/2019	2:10	18.29	0.263
7/25/2019	2:11	18.27	0.233
7/25/2019	2:12	18.25	0.157
7/25/2019	2:13	18.24	0.156
7/25/2019	2:14	18.22	0.209
7/25/2019	2:15	18.22	0.127
7/25/2019	2:16	18.22	0.12
7/25/2019	2:17	18.2	0.119
7/25/2019	2:18	18.18	0.103
7/25/2019	2:19	18.16	0.09
7/25/2019	2:20	18.15	0.107
7/25/2019	2:21	18.13	0.117
7/25/2019	2:22	18.12	0.1
7/25/2019	2:23	18.1	0.052
7/25/2019	2:24	18.09	0.091
7/25/2019	2:25	18.08	0.122
7/25/2019	2:26	18.06	0.105
7/25/2019	2:27	18.03	0.102
7/25/2019	2:28	18.01	0.107
7/25/2019	2:29	17.99	0.116
7/25/2019	2:30	17.96	0.118
7/25/2019	2:31	17.96	0.109
7/25/2019	2:32	17.97	0.141

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182.3	135.4859439	18.72
186.5	136.0950271	18.7
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190.2	137.249547	18.66
187.6	136.3768654	18.64
180.5	135.4488008	18.62
182.7	135.5123672	18.6
177.5	135.6843278	18.58
175.9	135.9628798	18.56
190.9	137.5349652	18.54
188.7	136.7103661	18.53
200.9	144.1380905	18.53
202.6	145.7762909	18.53
199.9	143.249962	18.53
178.1	135.6073966	18.52
166.9	139.5919783	18.5
150.9	156.3989918	18.48
134.1	193.8009328	18.47
132	187.4756675	18.46
116.6	156.7843776	18.44
91.2	141.2767366	18.43
83.5	142.4613373	18.41
77.91	144.9850677	18.4
81.8	143.0755769	18.36
83.9	142.3357491	18.32
76.08	146.1361412	18.28
87.3	141.5541247	18.25
92.8	141.3525134	18.23
88.5	141.3988308	18.21
89.7	141.3057907	18.19
89.1	141.344545	18.18
94.3	141.5239064	18.17
103.8	144.932729	18.16
133.2	191.0071128	18.15
142.4	173.0693692	18.12
148.1	161.1359522	18.1
147.2	162.8040494	18.08
158.4	146.6051528	18.06
149.3	159.0245589	18.03
179.4	135.4919297	18.01
178.1	135.6073966	17.98
160.6	144.4152874	17.96
160.2	144.7927354	17.94
174.8	136.2167669	17.91
195.3	139.8387928	17.89
220.3	175.2809825	17.86
216.2	165.9591491	17.85
209.3	153.9768314	17.84
238.6	167.137323	17.84
251.2	150.0575889	17.87

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0.382	174.3
0.381	177.4
0.351	180.3
0.346	177.4
0.38	179.5
0.304	179.7
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0.415	169.8
0.399	173.9
0.406	181.4
0.504	188.1
0.422	195.7
0.433	204.8
0.371	198.7
0.373	177.7
0.35	152.7
0.317	136.7
0.366	123.9
0.35	114.8
0.291	111.2
0.239	92.9
0.215	82.9
0.292	75.37
0.243	78.78
0.286	77.55
0.32	73.24
0.281	81.6
0.279	80.7
0.296	79.41
0.19	83.7
0.188	78.14
0.202	87.8
0.223	103.1
0.229	121.7
0.244	137
0.211	142.5
0.147	141.3
0.222	148.6
0.221	145.7
0.225	163.6
0.141	167.6
0.178	157
0.226	157.7
0.209	163.7
0.217	179.7
0.181	201.5
0.212	200
0.209	197.8
0.171	218
0.202	233.1

138.0276292	18.86
136.3491176	18.84
135.6986053	18.82
135.452927	18.8
135.6986053	18.79
135.4859439	18.78
135.475212	18.76
136.949775	18.75
138.0276292	18.72
136.4626721	18.7
135.4506575	18.69
136.5220169	18.68
140.0933217	18.67
148.1486618	18.67
142.25535	18.67
135.6570213	18.66
153.6876994	18.63
188.9294126	18.61
168.4508857	18.59
154.5246801	18.57
150.6306288	18.55
141.3609132	18.53
142.6631883	18.52
146.6281352	18.5
144.4956061	18.44
145.1983877	18.41
148.261862	18.37
143.1564895	18.35
143.5434164	18.32
144.163919	18.29
142.397648	18.27
144.8520983	18.27
141.4818346	18.27
144.539086	18.26
164.4719393	18.25
187.9748679	18.22
172.8296935	18.2
175.7860767	18.18
160.24088	18.17
165.7545685	18.16
141.8632814	18.16
139.1784222	18.14
148.1486618	18.12
147.3618674	18.1
141.786421	18.08
135.475212	18.04
144.6975271	18.02
143.3363204	18
141.5589225	17.99
169.8197457	18
178.7937782	18.03

0.487	179.9	135.4661321	18.97	0.649	173.7	136.5220169
0.516	181.7	135.458704	18.95	0.646	176.4	135.8643244
0.426	182.6	135.5051412	18.93	0.622	178.5	135.564413
0.519	183.8	135.6191797	18.91	0.634	178.7	135.5454083
0.471	181.5	135.452927	18.9	0.616	179	135.5200067
0.494	183.9	135.6313781	18.89	0.615	176.5	135.8458714
0.461	184.5	135.7132992	18.87	0.624	178.4	135.5745369
0.48	177	135.759882	18.86	0.667	174.8	136.2167669
0.534	175	136.1668004	18.84	0.705	171.6	137.249547
0.546	180.7	135.4463252	18.81	0.67	173.9	136.4626721
0.484	184.2	135.6704665	18.8	0.677	178.7	135.5454083
0.611	190.2	137.249547	18.79	0.749	182.3	135.4859439
0.529	195.9	140.2234999	18.78	0.639	187.6	136.3768654
0.514	201.8	144.9848547	18.78	0.624	191.9	137.9805921
0.46	197.3	141.1899582	18.78	0.599	191.7	137.8878733
0.442	187.2	136.2684311	18.77	0.59	182.2	135.4803714
0.493	167.3	139.3528135	18.74	0.586	167.8	139.0645196
0.397	147.8	161.6837458	18.71	0.517	151.1	156.0853794
0.42	131.9	187.1909456	18.7	0.482	137.4	186.7249594
0.402	125.8	172.2544374	18.68	0.443	134	193.4841124
0.326	121.9	164.8158999	18.66	0.414	128.9	179.2802945
0.34	103	144.4847842	18.65	0.393	110.3	149.7788447
0.463	89.9	141.2963201	18.64	0.383	94.7	141.5860815
0.479	80.9	143.4541915	18.62	0.365	79.59	144.0726264
0.5	84.9	142.0529811	18.56	0.386	85.7	141.8586336
0.592	82.3	142.8813029	18.55	0.451	83.3	142.5268211
0.57	79.67	144.032545	18.53	0.444	80.1	143.8222881
0.631	85.3	141.9522815	18.51	0.511	82.4	142.843816
0.64	84.7	142.105983	18.47	0.515	75	146.8948028
0.545	84.7	142.105983	18.43	0.472	74.6	147.1911034
0.454	85.6	141.8813857	18.41	0.354	77.12	145.4615493
0.461	84.6	142.1331484	18.41	0.37	75.55	146.5009612
0.479	90.7	141.2756607	18.4	0.316	84.5	142.1607573
0.383	103.9	144.9909076	18.39	0.317	99	142.6984082
0.362	120	161.6837847	18.37	0.355	115.7	155.627126
0.389	134.3	194.4394783	18.36	0.423	132.6	189.2145397
0.353	140.3	178.3888034	18.34	0.411	138.5	183.4173207
0.26	138.3	184.0049395	18.33	0.315	136.7	188.9294126
0.348	144.3	168.7126952	18.33	0.395	139.7	180.0143756
0.358	146.2	164.7466785	18.32	0.419	146.1	164.946271
0.341	164	141.5589225	18.32	0.415	158.8	146.1859844
0.244	167.6	139.1784222	18.3	0.371	160.9	144.1380905
0.271	159	145.9799608	18.28	0.378	154.5	151.2154981
0.37	155	150.5689831	18.25	0.401	152.7	153.6876994
0.327	164.9	140.9038772	18.23	0.405	159.6	145.3759529
0.313	180.7	135.4463252	18.19	0.404	171.5	137.2889944
0.295	201.1	144.3223303	18.17	0.388	183.1	135.5454083
0.34	203.1	146.2898835	18.16	0.436	185.7	135.9221983
0.355	203.8	147.0339187	18.16	0.459	188.1	136.5220169
0.295	218.9	171.8828066	18.18	0.399	197.6	141.4098131
0.332	234.6	175.2945059	18.2	0.359	215.5	164.548069

19.02	0.776	183.5	135.5850754	136.3678468	Yes
19.01	0.797	187.6	136.3768654	135.7895225	Yes
19	0.758	190.4	137.328883	135.7157967	Yes
18.98	0.827	187.7	136.4050401	135.5343804	Yes
18.97	0.745	187.9	136.4626721	135.9802715	Yes
18.96	0.78	185.7	135.9221983	135.8350147	Yes
18.94	0.718	188.3	136.5830783	135.5529622	Yes
18.93	0.79	183.7	135.6073966	136.1096978	Yes
18.91	0.839	179.1	135.5123672	136.7820761	Yes
18.89	0.819	180.6	135.4473567	136.0836373	Yes
18.87	0.802	188	136.4921301	136.0503744	Yes
18.86	0.897	193.3	138.6806025	136.4919685	Yes
18.85	0.796	200.2	143.5106627	140.2079444	Yes
18.85	0.769	204.9	148.2635581	144.2225999	Yes
18.84	0.656	202.7	145.8778326	141.1457859	Yes
18.83	0.657	191.7	137.8878733	135.7533051	Yes
18.8	0.696	175	136.1668004	142.9242527	Yes
18.78	0.617	159.8	145.1792559	165.7743824	Yes
18.77	0.61	142.6	172.5912057	184.0419309	Yes
18.75	0.657	141.8	174.5327325	176.9347244	Yes
18.73	0.577	136.2	190.5537426	162.8778002	Yes
18.72	0.525	123.8	168.2604307	144.2253197	Yes
18.72	0.549	105.9	146.2584353	142.0017318	Yes
18.69	0.581	93.7	141.4436643	144.7850052	Yes
18.64	0.689	101.6	143.7746389	142.8706994	Yes
18.65	0.759	97.4	142.1888102	143.2355652	Yes
18.64	0.801	97.6	142.2462495	145.5632091	Yes
18.65	0.963	88.8	141.3697448	142.3766779	Yes
18.62	0.946	83.4	142.4938547	143.4741789	Yes
18.59	0.838	83.9	142.3357491	143.7149591	Yes
18.61	0.746	89.7	141.3057907	142.7615934	Yes
18.61	0.664	83.2	142.5602372	143.7076882	Yes
18.59	0.562	87.4	141.5387984	141.6105398	Yes
18.55	0.504	94.9	141.6197787	144.2902827	Yes
18.52	0.464	107.2	147.1911034	168.1974907	Yes
18.49	0.519	121.6	164.3012465	186.1745638	Yes
18.5	0.498	122.5	165.8686538	173.9429424	Yes
18.51	0.464	119.7	161.2161624	177.8811196	Yes
18.51	0.492	128.8	179.0364331	163.8932759	Yes
18.49	0.497	136.7	188.9294126	163.6180192	Yes
18.48	0.494	153.6	152.4227699	141.2750295	Yes
18.44	0.439	157.4	147.6953406	139.5255829	Yes
18.4	0.49	151.5	155.4675767	147.439852	Yes
18.36	0.505	152.2	154.4161117	149.1028213	Yes
18.33	0.5	161.6	143.5106627	141.0707545	Yes
18.29	0.482	174.8	136.2167669	137.0123311	Yes
18.26	0.478	181.6	135.4556091	149.961562	Yes
18.23	0.517	183.2	135.5547035	147.8768878	Yes
18.25	0.535	189.5	136.9857152	144.7729224	Yes
18.28	0.478	201.5	144.6975271	162.5624221	Yes
18.3	0.432	219.3	172.8296935	167.1734855	Yes

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0.388	258	144.932729	18.28	0.396	243.6	158.9827372
0.425	255.1	146.8220309	18.28	0.432	239.6	165.3383346
0.301	268.6	141.3887034	18.27	0.381	258.3	144.7611164
0.353	279.1	142.7340803	18.25	0.422	267.7	141.4954247
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0.173	276.6	141.9767943	18.26	0.241	255.8	146.3270894
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0.165	286.1	146.3962542	18.29	0.182	261.9	143.0358082
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0.243	283.7	144.8750382	18.29	0.239	283.4	144.7048835
0.288	284	145.0495749	18.25	0.292	286.2	146.4659307
0.363	290.7	150.1516501	18.23	0.376	298.2	158.9827372
0.348	308.6	178.5523232	18.21	0.417	316.4	189.898934
0.297	325.5	166.1647422	18.19	0.408	328.2	160.955157
0.291	346.2	140.0289626	18.16	0.369	342.8	142.4968525
0.284	359.7	135.475212	18.14	0.408	350.6	137.6639493
0.359	356.3	135.8831963	18.15	0.462	354	136.4336422
0.313	1.943	135.4679449	18.17	0.467	1.083	135.4461909
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0.227	23.12	146.3107346	18.13	0.329	8.7	136.7103661
0.175	20.36	143.6517038	18.08	0.292	10.27	137.2771139
0.075	48.67	190.7951504	18.07	0.208	14.95	139.6224105
0.062	106.9	146.9680947	18.05	0.106	24.58	147.8980994
0.054	162.8	142.4968525	18.03	0.057	8.08	136.5160052
0.099	169.3	138.2696225	18.01	0.028	151.8	155.0123664
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0.149	151.6	155.3150699	17.94	0.058	106.8	146.8948028
0.145	138.1	184.5985921	17.92	0.099	111	150.437296
0.139	140	179.1954466	17.91	0.162	135.8	191.884056
0.097	194	139.0645196	17.88	0.132	161.2	143.8658923
0.146	180	135.4622116	17.85	0.197	160.4	144.6028841
0.164	177.5	135.6843278	17.84	0.215	163.9	141.6342428
0.171	186	135.9838512	17.81	0.226	173	136.743267
0.278	185	135.7930238	17.77	0.276	174.2	136.3768654
0.325	188	136.4921301	17.75	0.322	176.1	135.9221983
0.278	192.7	138.3696112	17.76	0.314	181.2	135.4473567
0.188	215	163.5696028	17.8	0.246	192.1	138.0751192
0.233	229.4	188.6290418	17.85	0.248	207.8	151.8792052
0.227	241.9	161.5271173	17.89	0.245	213.8	161.3176459
0.224	258.6	144.5938692	17.92	0.198	229.6	188.0494405
0.192	268.2	141.431807	17.96	0.197	263.2	142.5602372
0.212	273.3	141.3988308	17.98	0.24	269.4	141.3232279
0.276	275.7	141.7720144	18.01	0.289	277.2	142.1331484
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18.31	0.446	220.3	175.2809825	165.7718273	Yes
18.33	0.448	222.9	182.2598979	165.10969	Yes
18.36	0.444	229.5	188.3385084	166.6583947	Yes
18.38	0.4	235.3	173.7482078	150.1251415	Yes
18.39	0.442	242	161.3712442	148.615979	Yes
18.4	0.525	236.3	171.6298847	152.6841782	Yes
18.39	0.475	253.4	148.1307424	142.200741	Yes
18.37	0.478	263.1	142.5941034	142.8804456	Yes
18.39	0.52	249.2	152.0502072	143.1183164	Yes
18.42	0.397	238.5	167.3221929	145.8191123	Yes
18.42	0.346	246.7	154.8861795	145.6782463	Yes
18.45	0.222	230	186.9076557	163.5841481	Yes
18.45	0.19	243.9	158.5564148	169.732266	Yes
18.44	0.187	248.1	153.2492103	158.0227244	Yes
18.42	0.236	272.9	141.3609132	149.0604837	Yes
18.4	0.27	286.9	146.9680947	146.1901365	Yes
18.37	0.36	290	149.5052253	144.674289	Yes
18.37	0.47	298.9	160.0036074	152.2604694	Yes
18.37	0.504	313.8	195.7142115	187.0732509	Yes
18.35	0.515	324.3	168.7126952	156.060049	Yes
18.33	0.466	337.3	147.8077356	138.4890907	Yes
18.32	0.446	347.7	139.1212357	138.093356	Yes
18.32	0.493	354.1	136.4050401	135.8681255	Yes
18.34	0.46	358.8	135.5365272	135.5155689	Yes
18.35	0.431	4.533	135.7182396	141.406659	Yes
18.32	0.416	3.533	135.5886441	142.8549163	Yes
18.3	0.351	3.299	135.5643139	141.8468458	Yes
18.31	0.278	2.083	135.4743759	163.7079811	Yes
18.31	0.188	358.5	135.564413	149.5457029	Yes
18.31	0.146	347.1	139.4714437	139.2427916	Yes
18.3	0.102	344.7	141.0459134	141.3857534	Yes
18.28	0.05	3.581	135.5939155	145.6108634	Yes
18.26	0.083	59.53	165.4613667	151.0928383	Yes
18.25	0.124	72.77	148.6550894	170.4930985	Yes
18.26	0.125	92	141.30084	167.5921903	Yes
18.19	0.159	132.1	187.7618297	152.6251505	Yes
18.12	0.132	126.2	173.1016948	142.3372059	Yes
18.1	0.134	122.1	165.1633188	138.7394584	Yes
18.07	0.173	138.8	182.5470487	138.2942187	Yes
18.03	0.247	160	144.9848547	136.1356296	Yes
18.02	0.255	166.6	139.7763685	137.4521828	Yes
18	0.269	178.3	135.5850754	141.8160817	Yes
17.97	0.21	190.3	137.2889944	161.9391878	Yes
17.97	0.207	209.4	154.1225109	167.5557721	Yes
17.98	0.217	221.1	177.3320297	156.2851541	Yes
18.01	0.176	246.3	155.3774631	155.0244165	Yes
18.04	0.189	279.5	142.8813029	143.0909636	Yes
18.08	0.275	289.9	149.4151502	143.1996345	Yes
18.12	0.326	288.9	148.5451154	143.0806428	Yes
18.15	0.386	289.8	149.3256382	142.4656964	Yes
18.17	0.404	290.9	150.341502	141.5385578	Yes

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314	195.7142115	17.32
313.8	195.7142115	17.33
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347.9	139.008273	17.32
		17.31
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		17.28
		17.27
253	148.4611505	17.26
		17.26
77.3	145.3502763	17.24
89.7	141.3057907	17.23
87.2	141.5698857	17.22
85.2	141.9767943	17.22
68.32	153.0033804	17.21
20.74	143.9922988	17.19
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321.8	174.5327325	17.14
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286.2	146.4659307	17.12
		17.11
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107.6	147.4958051	17.08
106.9	146.9680947	17.05
105.7	146.1226545	17.01
92.7	141.344545	16.99

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0.242	248.7
0.175	261
0.199	245.6
0.296	227.9
0.314	229.2
0.361	233.3
0.311	248.4
0.344	256
0.323	250.6
0.279	258.8
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0.137	286.6
0.11	305
0.087	257.6
0.05	281.3
0.082	329.5
0.149	325.7
0.174	317
0.142	312.4
0.137	317.7
0.111	321.3
0.082	348.6
0.053	308.8
0.065	266.8
0.053	251.1
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0.057	246.8
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0.076	355.2
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0.151	301.9
0.065	333.7
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0.348	99.5
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0.409	255.3	146.6780426	17.98	0.415	250.3	150.9250156
0.255	263	142.6284203	17.94	0.31	256.2	146.0555256
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0.507	244.9	157.1826166	17.8	0.573	230.9	184.4211537
0.491	255.3	146.6780426	17.72	0.493	250.1	151.1242187
0.434	260.2	143.7746389	17.68	0.504	258.3	144.7611164
0.536	255.9	146.2584353	17.65	0.539	252.8	148.6296284
0.379	259.8	143.9680589	17.63	0.412	259.6	144.0675996
0.322	276.4	141.9282093	17.6	0.406	270	141.2922309
0.229	271	141.2750152	17.56	0.326	270.1	141.2885722
0.19	278.1	142.397648	17.53	0.261	272	141.30084
0.14	292.9	152.3697801	17.5	0.172	272.9	141.3609132
0.158	256.6	145.7920604	17.51	0.183	252.9	148.5451154
0.078	259.8	143.9680589	17.52	0.122	260.2	143.7746389
0.113	305.6	171.8370419	17.52	0.108	297	157.3167727
0.199	313.8	195.7142115	17.52	0.146	306.3	173.3161361
0.241	308	177.1284437	17.53	0.231	301.4	163.9624173
0.216	299.5	160.9083592	17.58	0.237	292.6	152.0502072
0.204	305.6	171.8370419	17.61	0.219	301.3	163.7942737
0.176	312.7	189.5095215	17.62	0.19	311.4	185.7886529
0.149	332.8	153.5442409	17.6	0.152	322.5	172.8296935
0.092	311.8	186.9076557	17.58	0.104	311.9	187.1909456
0.106	282	143.9680589	17.56	0.11	288.9	148.5451154
0.079	257.1	145.4740121	17.54	0.101	284.5	145.3502763
0.069	248.5	152.8045061	17.52	0.1	282	143.9680589
0.083	255.9	146.2584353	17.5	0.095	290.5	149.9641021
0.072	314	195.7142115	17.49	0.11	319.4	180.8458047
0.08	42.22	180.345435	17.48	0.058	336.1	149.2056183
0.148	85.2	141.9767943	17.46	0.072	89.1	141.344545
0.129	95.3	141.6924026	17.45	0.097	66.79	154.7771065
0.307	86.6	141.6735922	17.44	0.159	90.1	141.2885722
0.161	72.87	148.5704117	17.43	0.176	77.23	145.3933584
0.114	71.72	149.5776918	17.42	0.142	51.26	183.4575531
0.109	18.85	142.3755109	17.43	0.153	1.085	135.446206
0.115	348.8	138.5230334	17.44	0.16	335.9	149.4475739
0.132	333.4	152.6988115	17.45	0.164	334.8	150.8255466
0.165	313.3	191.3112307	17.44	0.172	338.9	146.0826775
0.242	306.2	173.1016948	17.43	0.19	319.4	180.8458047
0.271	295	154.7650203	17.42	0.235	305.7	172.0452245
0.195	286.4	146.6068237	17.41	0.197	310.9	184.4211537
0.083	311.2	185.2375331	17.41	0.109	338	147.0339187
0.105	85.3	141.9522815	17.42	0.13	34.56	162.7283234
0.302	99	142.6984082	17.41	0.206	86.4	141.7116497
0.487	98.5	142.5268211	17.41	0.455	93.2	141.3887034
0.523	97	142.0792607	17.44	0.613	94.9	141.6197787
0.515	91.3	141.2782429	17.36	0.573	91	141.2750152

18.17	0.427	285.8	146.1902907	141.42669	Yes
18.17	0.436	275	141.6372805	142.1711308	Yes
18.21	0.546	266.8	141.6372805	148.341922	Yes
18.21	0.538	261.8	143.0755769	149.4797139	Yes
18.17	0.44	264.8	142.0792607	143.387544	Yes
18.14	0.511	254.6	147.1911034	154.1077041	Yes
18.11	0.656	239.8	164.9891752	181.4775265	Yes
18.05	0.699	234	176.6631365	177.5673312	Yes
17.98	0.774	237.2	169.810806	169.8693514	Yes
17.88	0.684	251	150.2462872	149.8155296	Yes
17.82	0.647	258.2	144.8178344	144.1695819	Yes
17.78	0.719	251.9	149.4151502	148.1216968	Yes
17.75	0.587	254	147.6513318	143.4609177	Yes
17.7	0.42	270.5	141.2782429	142.8230367	Yes
17.65	0.371	266	141.7930115	141.2867435	Yes
17.63	0.292	268.7	141.3790081	145.6246183	Yes
17.61	0.233	269.2	141.3370081	158.1977216	Yes
17.66	0.306	248.4	152.9147416	147.2301764	Yes
17.67	0.223	255.1	146.8220309	144.7965478	Yes
17.67	0.168	284.7	145.4740121	159.1420106	Yes
17.66	0.192	296.6	156.7843776	177.8991148	Yes
17.67	0.277	296.4	156.5223835	178.7938333	Yes
17.72	0.3	295.4	155.2536405	174.3254549	Yes
17.77	0.285	302.4	165.6909983	179.2874549	Yes
17.78	0.25	306.3	173.3161361	183.1228487	Yes
17.76	0.218	318.2	184.3010071	151.0024562	Yes
17.72	0.165	308.4	178.0729882	184.3783448	Yes
17.69	0.158	296.7	156.9164217	146.0991855	Yes
17.66	0.164	304.5	169.6136358	146.9919795	Yes
17.63	0.146	302.6	166.0471971	153.411025	Yes
17.63	0.161	291.7	151.1242187	149.8621771	Yes
17.63	0.156	309.4	180.5179243	184.56282	Yes
17.63	0.133	327.6	162.0534901	160.6396526	Yes
17.6	0.102	0.596	135.4474065	141.7640997	Yes
17.58	0.106	12.53	138.2845042	144.8621963	Yes
17.56	0.167	67.98	153.3845868	142.2341703	Yes
17.54	0.188	54.56	175.3844908	156.0531605	Yes
17.53	0.194	22.46	145.6351144	161.1118472	Yes
17.53	0.256	346.4	139.9016992	142.4675003	Yes
17.57	0.287	328.1	161.1359522	154.3040155	Yes
17.58	0.246	334.5	151.2154981	170.8767996	Yes
17.55	0.241	339.6	145.3759529	172.1704375	Yes
17.54	0.259	334.3	151.4788997	175.7560405	Yes
17.52	0.273	328.8	159.8890273	159.0375697	Yes
17.51	0.238	330.8	156.5569873	160.577452	Yes
17.54	0.213	336	149.3262707	161.51909	Yes
17.56	0.177	4.941	135.7830733	148.1365995	Yes
17.55	0.207	59.52	165.4789779	143.9440676	Yes
17.57	0.426	90.4	141.2801795	143.4412306	Yes
17.61	0.777	97.8	142.3054699	143.0548355	Yes
17.53	0.951	94	141.4818346	141.2996608	Yes

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7/25/2019	4:15	17.02	0.315
7/25/2019	4:16	17.01	0.259
7/25/2019	4:17	17.01	0.222
7/25/2019	4:18	17.03	0.091
7/25/2019	4:19	17.03	0.044
7/25/2019	4:20	17.03	0.124
7/25/2019	4:21	17.01	0.165
7/25/2019	4:22	16.98	0.206
7/25/2019	4:23	16.97	0.312
7/25/2019	4:24	16.98	0.354
7/25/2019	4:25	17	0.423
7/25/2019	4:26	17.02	0.355
7/25/2019	4:27	17.04	0.295
7/25/2019	4:28	17.06	0.242
7/25/2019	4:29	17.07	0.213
7/25/2019	4:30	17.07	0.133
7/25/2019	4:31	17.07	0.082
7/25/2019	4:32	17.08	0.091
7/25/2019	4:33	17.07	0.087
7/25/2019	4:34	17.07	0.138
7/25/2019	4:35	17.05	0.091
7/25/2019	4:36	17.03	0.137
7/25/2019	4:37	17.02	0.147
7/25/2019	4:38	17.01	0.148
7/25/2019	4:39	17.02	0.149
7/25/2019	4:40	17.05	0.151
7/25/2019	4:41	17.09	0.167
7/25/2019	4:42	17.12	0.172
7/25/2019	4:43	17.15	0.155
7/25/2019	4:44	17.18	0.156
7/25/2019	4:45	17.19	0.107
7/25/2019	4:46	17.2	0.06
7/25/2019	4:47	17.2	0.063
7/25/2019	4:48	17.2	0.07
7/25/2019	4:49	17.2	0.091
7/25/2019	4:50	17.23	0.068
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7/25/2019	5:02	17.22	0.119
7/25/2019	5:03	17.21	0.111
7/25/2019	5:04	17.19	0.097
7/25/2019	5:05	17.17	0.073

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0.226	239.3
0.222	234
0.26	235.3
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0.145	133.3
0.127	161.9
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0.195	285.1
0.216	298.7
0.182	316.1
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0.167	342.9

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0.462	88.8	141.3697448	17.21	0.421	85.4	141.9282093
0.36	91.1	141.2756607	17.2	0.304	88.8	141.3697448
0.24	86.5	141.6924026	17.24	0.209	85.6	141.8813857
0.114	96.1	141.8586336	17.25	0.124	100.1	143.1158038
0.127	184.4	135.6986053	17.23	0.113	158	147.0339187
0.272	209.8	154.712722	17.21	0.258	187.3	136.2949008
0.414	221.1	177.3320297	17.21	0.427	200	143.3363204
0.551	234.2	176.202409	17.23	0.637	218	169.8197457
0.582	240.2	164.3012465	17.24	0.696	228.7	190.7045403
0.637	253.4	148.1307424	17.23	0.745	243.8	158.6977847
0.615	256.4	145.922785	17.22	0.665	248.2	153.1370917
0.512	261.5	143.1976347	17.22	0.569	255.1	146.8220309
0.471	262.5	142.8067836	17.22	0.5	255.7	146.3962542
0.379	255.9	146.2584353	17.21	0.392	247.8	153.5893653
0.227	258.7	144.539086	17.21	0.278	251.8	149.5052253
0.212	261	143.4102756	17.22	0.234	265.8	141.8363207
0.169	271.1	141.2756607	17.22	0.217	271	141.2750152
0.201	281.6	143.7746389	17.22	0.238	277	142.0792607
0.257	294.7	154.4054945	17.19	0.296	292.6	152.0502072
0.234	287.8	147.6513318	17.17	0.341	287	147.041908
0.286	279.1	142.7340803	17.16	0.385	283.2	144.5938692
0.345	273.1	141.3790081	17.16	0.436	278.1	142.397648
0.338	268.9	141.3609132	17.16	0.495	268.2	141.431807
0.315	268.2	141.431807	17.18	0.437	267.2	141.5698857
0.309	263.1	142.5941034	17.22	0.342	264.5	142.1607573
0.344	255.3	146.6780426	17.24	0.323	254.8	147.041908
0.317	248.6	152.6948941	17.26	0.315	245.1	156.9164217
0.292	253	148.4611505	17.27	0.323	244.3	157.9982448
0.299	248.7	152.5859038	17.27	0.291	241.9	161.5271173
0.215	247.6	153.8193224	17.28	0.215	244.8	157.3167727
0.119	241.2	162.6406568	17.28	0.14	247.6	153.8193224
0.111	207	150.8255466	17.29	0.082	224.7	187.6599662
0.136	206.4	150.0639356	17.29	0.092	211.1	156.7157803
0.172	220.8	176.5532489	17.31	0.18	211.3	157.0357721
0.165	227.5	194.4394783	17.34	0.176	223.9	185.1983516
0.097	71.49	149.7880534	17.35	0.053	161	144.0468045
0.148	52.04	181.4282546	17.34	0.089	77.41	145.2830654
0.133	74.51	147.258926	17.33	0.099	84.3	142.2173074
0.132	119.1	160.3021067	17.34	0.11	92.3	141.3169846
0.183	120.7	162.802978	17.34	0.171	106.8	146.8948028
0.209	119	160.152474	17.35	0.188	109.2	148.8003043
0.156	151.9	154.8621634	17.35	0.152	143.2	171.184873
0.122	189.5	136.9857152	17.35	0.13	166.1	140.0933217
0.154	222.2	180.290119	17.34	0.208	195.1	139.7144254
0.228	246.1	155.627126	17.37	0.223	226.4	193.2425592
0.202	277.8	142.3054699	17.4	0.236	251.9	149.4151502
0.277	285.2	145.7920604	17.41	0.256	269.6	141.3111722
0.251	292	151.4274771	17.41	0.259	282.6	144.2723744
0.2	307.6	176.202409	17.4	0.21	296	156.0067
0.201	324.4	168.49455	17.39	0.202	311.1	184.9640411

17.42	0.86	88.2	141.431807	141.565331	Yes
17.37	0.701	90.2	141.2853442	141.5873849	Yes
17.38	0.543	93.5	141.4203824	141.3225374	Yes
17.44	0.411	86	141.7930115	145.8009576	Yes
17.42	0.273	100.5	143.2813061	145.7063184	Yes
17.37	0.161	147.4	162.4269132	140.6405398	Yes
17.34	0.256	179.5	135.4859439	156.7111309	Yes
17.31	0.406	198.7	142.25535	172.861657	Yes
17.33	0.628	217.8	169.3736382	177.2489079	Yes
17.37	0.817	228.8	190.403504	172.0536777	Yes
17.42	0.952	240.3	164.1314071	151.3491414	Yes
17.4	0.892	246.3	155.3774631	149.3509325	Yes
17.35	0.724	253.2	148.294859	144.6828654	Yes
17.32	0.637	253.1	148.3777321	145.3509316	Yes
17.31	0.541	245.3	156.6530324	155.5897347	Yes
17.32	0.386	245.6	156.2631643	152.2529653	Yes
17.34	0.349	254.1	147.5733027	143.131442	Yes
17.36	0.282	265.3	141.9522815	143.1967917	Yes
17.34	0.265	282.7	144.324759	157.8597873	Yes
17.31	0.387	297	157.3167727	167.3431996	Yes
17.33	0.507	294.6	154.2869623	160.6931474	Yes
17.35	0.547	294.1	153.7040237	148.10103	Yes
17.36	0.593	289	148.6296284	142.3401967	Yes
17.36	0.523	272.7	141.344545	141.5934972	Yes
17.34	0.494	269.9	141.2963201	141.4050418	Yes
17.35	0.439	262.2	142.919245	143.0590355	Yes
17.35	0.459	251.7	149.595865	153.6797729	Yes
17.36	0.454	244.7	157.451638	163.4922875	Yes
17.35	0.445	242.8	160.152474	159.905836	Yes
17.34	0.439	240.7	163.4605101	165.0804859	Yes
17.34	0.326	234.9	174.6252563	166.3971488	Yes
17.34	0.247	233.3	178.312062	172.2754116	Yes
17.34	0.199	217.8	169.3736382	153.1425539	Yes
17.35	0.216	214	161.6837458	146.308759	Yes
17.36	0.266	213.2	160.24088	161.53597	Yes
17.38	0.26	220.1	174.7809062	183.6287224	Yes
17.4	0.089	190.4	137.328883	161.6112784	Yes
17.38	0.077	81.7	143.1158038	167.6096981	Yes
17.38	0.109	90.5	141.2782429	144.2481735	Yes
17.37	0.147	123.2	167.137323	160.4059824	Yes
17.37	0.218	139.6	180.290119	163.926859	Yes
17.37	0.23	142	174.0400802	170.0010075	Yes
17.38	0.272	168.9	138.471433	151.3202124	Yes
17.37	0.276	182.4	135.4919297	144.6196674	Yes
17.38	0.351	196.7	140.7638403	164.9662594	Yes
17.44	0.34	215.5	164.548069	159.4191656	Yes
17.48	0.299	235.6	173.1016948	147.3482441	Yes
17.52	0.293	253	148.4611505	152.7356999	Yes
17.52	0.263	261.1	143.3668232	169.7817277	Yes
17.51	0.168	274.6	141.5698857	158.1161974	Yes
17.51	0.161	291.9	151.3257947	159.8244095	Yes

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87.1	141.5860815	16.8
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73.16	148.3279429	16.72
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86.5	141.6924026	16.62
90.4	141.2801795	16.59
91.7	141.2885722	16.57
93.2	141.3887034	16.54
99.7	142.9576428	16.54
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117.2	157.5872152	16.53
112.9	152.3697801	16.54
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112.2	151.6326395	16.53

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0.165	255.7
0.183	238.4
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0.113	99.9
0.114	88.7
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0.131	76.79
0.092	78.43
0.141	93
0.199	109.3
0.223	104.2
0.228	106.1
0.212	104.4
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0.207	87.5
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144.9909076	17.19
146.3962542	17.2
167.507983	17.21
158.4157786	17.2
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174.8472386	17.19
136.4626721	17.18
149.3256382	17.17
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146.3962542	16.96
145.2891508	16.95
141.9767943	16.93
141.5860815	16.91
142.0792607	16.9
141.5094486	16.89
141.5239064	16.9
141.6924026	16.91
143.23924	16.92
146.3962542	16.88
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147.6122508	16.77
146.3962542	16.72
145.1803681	16.7
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141.5698857	16.62
141.3299024	16.6
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145.1683796	16.59
146.8948028	16.59
146.2584353	16.61
150.6306288	16.62
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160.7556316	16.6
153.5893653	16.6
146.1902907	16.59

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0.1	329.6	158.5161218	17.39	0.189	325.9	165.3484246
0.112	279.5	142.8813029	17.36	0.153	290.1	149.595865
0.185	246.9	154.6445213	17.33	0.155	264.7	142.105983
0.23	247.8	153.5893653	17.32	0.179	257.1	145.4740121
0.238	253.3	148.2125295	17.31	0.228	254.8	147.041908
0.245	261	143.4102756	17.32	0.268	258.6	144.5938692
0.241	258.8	144.4847842	17.32	0.278	257.4	145.2891508
0.298	253.9	147.7298938	17.32	0.297	251.9	149.4151502
0.198	259.1	144.324759	17.31	0.243	258.6	144.5938692
0.134	268.1	141.4436643	17.3	0.198	268.8	141.3697448
0.096	255.7	146.3962542	17.29	0.145	261	143.4102756
0.048	227	195.3347893	17.28	0.081	267.1	141.5860815
0.06	112.7	152.156119	17.27	0.022	108.3	148.0494963
0.178	105	145.663343	17.24	0.126	84.4	142.1888102
0.271	95.3	141.6924026	17.23	0.188	85.7	141.8586336
0.318	94.7	141.5860815	17.24	0.236	88.8	141.3697448
0.249	91.8	141.2922309	17.23	0.21	91.4	141.2801795
0.263	90.6	141.2767366	17.22	0.203	87.4	141.5387984
0.263	91.5	141.2825466	17.21	0.224	88	141.4559546
0.286	92.3	141.3169846	17.2	0.267	92	141.30084
0.277	99.9	143.0358082	17.17	0.335	99.2	142.7702052
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0.309	107.2	147.1911034	17.12	0.383	111.8	151.2247092
0.294	103.4	144.7048835	17.12	0.347	110.9	150.341502
0.346	98.2	142.4292686	17.1	0.399	102.8	144.3776216
0.404	88.4	141.4093904	17.07	0.408	91.3	141.2782429
0.403	85.6	141.8813857	17.06	0.381	86.2	141.7514553
0.416	88.6	141.3887034	17.06	0.404	87.7	141.4954247
0.426	89.5	141.3169846	17.07	0.392	88.5	141.3988308
0.458	88.2	141.431807	17.08	0.399	84.5	142.1607573
0.402	83.9	142.3357491	17.09	0.443	78.93	144.4149103
0.343	69.59	151.6429607	17.03	0.495	68.72	152.5641802
0.308	70.63	150.6014802	16.97	0.482	66.13	155.5895045
0.306	66.47	155.1673631	16.91	0.479	64.42	157.8330566
0.377	73.38	148.1470565	16.87	0.571	69.8	151.4274771
0.416	77.25	145.3810245	16.86	0.584	71.17	150.0857469
0.389	83.2	142.5602372	16.82	0.573	74.7	147.1162438
0.495	87.6	141.5094486	16.78	0.543	80.5	143.6345036
0.526	89	141.3525134	16.74	0.54	84.7	142.105983
0.511	90.6	141.2767366	16.71	0.542	85.5	141.9045775
0.4	101.7	143.8222881	16.7	0.505	94.2	141.5094486
0.352	112.1	151.529758	16.69	0.507	104.2	145.1683796
0.353	115.2	155.008001	16.68	0.545	108.1	147.8886214
0.358	113.5	153.0256028	16.71	0.559	107.8	147.6513318
0.327	119.5	160.9083592	16.71	0.464	115.8	155.7529709
0.297	124.8	170.2080831	16.71	0.423	120.6	162.6406568
0.25	125.6	171.8370419	16.71	0.366	123.7	168.0709172
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17.5	0.115	299.9	161.5271173	149.6540693	Yes
17.5	0.156	315.4	193.2425592	142.2120681	Yes
17.5	0.192	311.3	185.5124012	161.3034524	Yes
17.49	0.205	298	158.6977847	146.7059356	Yes
17.48	0.219	257.4	145.2891508	166.0194588	Yes
17.46	0.267	248.3	153.0256028	165.9005322	Yes
17.49	0.304	243.6	158.9827372	151.3427534	Yes
17.54	0.358	250.9	150.341502	144.0077151	Yes
17.57	0.4	253	148.4611505	144.986207	Yes
17.56	0.433	249.8	151.4274771	154.3097327	Yes
17.52	0.39	251	150.2462872	151.7974776	Yes
17.49	0.293	260.3	143.7274589	143.7736459	Yes
17.44	0.232	250	151.2247092	160.9835157	Yes
17.4	0.14	233.9	176.8952147	155.6172893	Yes
17.36	0.079	212.7	159.3677662	148.9818769	Yes
17.33	0.091	143.4	170.7253164	143.8297311	Yes
17.31	0.16	109.3	148.8864702	141.5876067	Yes
17.3	0.234	107.3	147.2664881	141.421699	Yes
17.31	0.281	111.5	150.9250156	141.3542671	Yes
17.32	0.298	109.3	148.8864702	143.5451502	Yes
17.33	0.336	108.1	147.8886214	142.3447227	Yes
17.34	0.377	109.3	148.8864702	141.8278508	Yes
17.33	0.452	114.8	154.5246801	151.0765298	Yes
17.32	0.5	122	164.9891752	148.6329524	Yes
17.3	0.563	131.5	186.0662962	151.3539373	Yes
17.31	0.527	134.5	195.0846305	148.8358843	Yes
17.27	0.532	122.9	166.5881931	142.9162469	Yes
17.23	0.577	104.7	145.4740121	141.8993871	Yes
17.23	0.639	96.5	141.9522815	142.1115455	Yes
17.24	0.698	94	141.4818346	141.4593103	Yes
17.29	0.652	92.6	141.3370081	141.4023666	Yes
17.29	0.66	84.6	142.1331484	141.7177621	Yes
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17.25	0.671	74.62	147.1760895	150.8245723	Yes
17.17	0.642	72.68	148.7317695	150.4034236	Yes
17.11	0.674	71.85	149.4601173	152.2351533	Yes
17.13	0.814	75.05	146.8583519	148.2942315	Yes
17.15	0.816	73.87	147.7535664	145.6882806	Yes
17.04	0.838	77.47	145.2466567	143.5720322	Yes
16.96	0.846	82.9	142.6631883	142.0153531	Yes
16.88	0.862	85.7	141.8586336	141.5792386	Yes
16.84	0.833	87.5	141.5239064	141.47498	Yes
16.8	0.743	96.5	141.9522815	142.5259566	Yes
16.77	0.638	104.6	145.4118964	149.3109951	Yes
16.78	0.687	111.7	151.1242187	151.8446601	Yes
16.81	0.687	113.2	152.6948941	149.8262875	Yes
16.81	0.598	121.2	163.6269725	159.1285421	Yes
16.82	0.579	125.1	170.8114111	169.0509752	Yes
16.81	0.47	126.5	173.7482078	168.7669896	Yes
16.8	0.457	123.2	167.137323	163.6043753	Yes
16.79	0.451	118.8	159.8555038	150.9132598	Yes

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7/25/2019	6:16	16.68	0.187
7/25/2019	6:17	16.69	0.162
7/25/2019	6:18	16.7	0.172
7/25/2019	6:19	16.72	0.207
7/25/2019	6:20	16.73	0.261
7/25/2019	6:21	16.74	0.238
7/25/2019	6:22	16.76	0.298
7/25/2019	6:23	16.79	0.25
7/25/2019	6:24	16.82	0.263
7/25/2019	6:25	16.86	0.179
7/25/2019	6:26	16.9	0.167
7/25/2019	6:27	16.95	0.152
7/25/2019	6:28	17.02	0.097
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7/25/2019	6:44	18.15	0.046
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86.9	141.6197787	16.57
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174.7809062	16.97
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136.0719483	17.26
144.7611164	17.36
141.3790081	17.44
142.366475	17.52
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149.0604651	19.14

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0.231	96.7	142.0017483	16.75	0.283	93.4	141.4093904
0.281	87	141.6027124	16.76	0.24	86	141.7930115
0.31	91.1	141.2756607	16.77	0.273	90.1	141.2885722
0.208	89.5	141.3169846	16.77	0.194	80.6	143.5887269
0.143	74.41	147.3347842	16.78	0.164	71.74	149.5595413
0.072	110.4	149.8711879	16.78	0.089	91.6	141.2853442
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0.111	135	194.6299891	16.78	0.158	114.4	154.0518489
0.131	146.3	164.548069	16.79	0.172	127.9	176.8952147
0.14	138.7	182.8356637	16.79	0.189	118	158.6977847
0.203	124.9	170.4081994	16.81	0.253	114.7	154.4054945
0.247	120	161.6837847	16.84	0.303	108.1	147.8886214
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0.336	125.9	172.4646859	16.89	0.419	116.8	157.0491672
0.315	117.6	158.1366964	16.9	0.412	107.5	147.4188376
0.325	111.4	150.8262993	16.93	0.43	102.2	144.0675996
0.297	121.7	164.4719393	16.95	0.432	110.3	149.7788447
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0.323	146.8	163.5696028	16.89	0.449	136.6	189.2509084
0.418	154.3	151.4788997	16.88	0.512	142.2	173.55231
0.386	156.6	148.6120398	16.87	0.545	147.2	162.8040494
0.46	154.1	151.7450728	16.89	0.566	144.4	168.49455
0.36	159.5	145.4751667	16.91	0.515	149.2	159.1957351
0.336	156.4	148.8475437	16.93	0.471	145.2	166.7876462
0.272	153.4	152.6988115	16.96	0.405	145.3	166.5789856
0.269	157.6	147.4724086	16.99	0.368	150.1	157.6854758
0.254	174.3	136.3491176	17.03	0.318	165.4	140.557513
0.214	178.7	135.5454083	17.09	0.268	169	138.4202926
0.176	173.9	136.4626721	17.16	0.165	160.9	144.1380905
0.131	186.7	136.1424529	17.23	0.181	167.9	139.008273
0.087	235.1	174.1845669	17.31	0.077	202.8	145.9799608
0.087	249.9	151.3257947	17.39	0.119	217.8	169.3736382
0.077	263.5	142.4613373	17.47	0.091	239	166.4069628
0.042	275.5	141.7313339	17.57	0.049	224.7	187.6599662
0.063	264.8	142.0792607	17.68	0.05	257	145.5366244
0.06	262.5	142.8067836	17.78	0.084	242.3	160.9083592
0.1	311.5	186.0662962	17.88	0.114	290.8	150.2462872
0.096	317.9	185.1983516	17.97	0.111	303.6	167.8823409
0.068	306.9	174.6252563	18.06	0.093	298.3	159.1263255
0.059	272.3	141.3169846	18.14	0.11	272.3	141.3169846
0.057	271.7	141.2885722	18.21	0.111	259.4	144.169036
0.052	252.9	148.5451154	18.3	0.072	250.2	151.0243214
0.045	188.1	136.5220169	18.44	0.031	210.9	156.3989918
0.067	157.7	147.3618674	18.64	0.053	109.8	149.3256382
0.121	115.5	155.3774631	18.79	0.151	108.1	147.8886214
0.224	120.7	162.802978	18.87	0.177	117.8	158.4157786
0.225	113.6	153.1370917	18.9	0.233	111.9	151.3257947

16.8	0.451	115	154.7650203	149.2854367	Yes
16.83	0.483	104.7	145.4740121	145.9649517	Yes
16.89	0.475	99.3	142.8067836	141.4930359	Yes
16.88	0.451	95.7	141.7720144	142.6259252	Yes
16.89	0.431	91.8	141.2922309	141.544577	Yes
16.89	0.341	82.7	142.7340803	142.0664319	Yes
16.91	0.319	83.6	142.4292686	145.3488518	Yes
16.9	0.181	91.4	141.2801795	153.9173193	Yes
16.88	0.159	109.3	148.8864702	157.4236685	Yes
16.89	0.256	106.1	146.3962542	170.6053228	Yes
16.91	0.252	109.4	148.9731899	157.5362979	Yes
16.92	0.279	106.7	146.8220309	167.5407936	Yes
16.94	0.337	108.4	148.1307424	170.9835306	Yes
16.96	0.387	111	150.437296	161.1430817	Yes
17	0.449	115	154.7650203	167.5479838	Yes
17.02	0.492	120.1	161.8412498	170.6084901	Yes
17.02	0.498	110.9	150.341502	155.1456176	Yes
17.04	0.504	106.6	146.7497779	150.1740266	Yes
17.05	0.516	108.7	148.3777321	159.2042272	Yes
17.03	0.514	116.6	156.7843776	161.7792884	Yes
17.02	0.535	129	179.5253688	178.6474101	Yes
17.05	0.553	134	193.4841124	175.9117945	Yes
17.1	0.56	138.4	183.7103804	172.8489837	Yes
17.06	0.699	148.4	160.5962459	161.3929846	Yes
17.02	0.735	153.5	152.5604335	155.6980017	Yes
17.04	0.75	150.3	157.3589946	157.439108	Yes
17.04	0.69	156.3	148.9662571	151.7876645	Yes
17.05	0.608	150.3	157.3589946	155.6468504	Yes
17.07	0.486	151.1	156.0853794	159.578459	Yes
17.09	0.413	155.9	149.4475739	157.6589292	Yes
17.13	0.39	167.3	139.3528135	138.5027404	Yes
17.19	0.326	173.7	136.5220169	136.5257773	Yes
17.25	0.281	166.4	139.9016992	138.616267	Yes
17.33	0.197	173.3	136.6458601	138.5967044	Yes
17.42	0.085	185.1	135.8102214	156.2695295	Yes
17.53	0.096	237.9	168.4508857	151.7240689	Yes
17.64	0.073	251.1	150.1516501	151.9068008	Yes
17.75	0.046	272.3	141.3169846	156.0706998	Yes
17.88	0.051	268.7	141.3790081	147.6826837	Yes
18	0.071	271.7	141.2885722	149.4590946	Yes
18.13	0.081	274.4	141.5387984	180.0004157	Yes
18.24	0.104	287.8	147.6513318	175.7322183	Yes
18.34	0.111	286.4	146.6068237	160.8194809	Yes
18.42	0.091	262	142.996497	141.4372931	Yes
18.49	0.108	255.9	146.2584353	142.9956118	Yes
18.58	0.088	241.8	161.6837847	148.5973317	Yes
18.73	0.044	224.8	187.9748679	145.3728811	Yes
18.92	0.069	139.3	181.1257634	152.6554615	Yes
19.02	0.179	126.5	173.7482078	158.1938201	Yes
19.06	0.224	132.4	188.6290418	156.0941809	Yes
19.05	0.26	114.8	154.5246801	150.1413149	Yes

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7/25/2019	6:58	18.71	0.492
7/25/2019	6:59	18.75	0.355
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7/25/2019	7:02	18.86	0.332
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7/25/2019	7:05	19.13	0.288
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7/25/2019	7:08	19.43	0.364
7/25/2019	7:09	19.51	0.293
7/25/2019	7:10	19.59	0.392
7/25/2019	7:11	19.66	0.352
7/25/2019	7:12	19.74	0.359
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7/25/2019	7:19	19.96	0.464
7/25/2019	7:20	20	0.552
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7/25/2019	7:22	20.08	0.573
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7/25/2019	7:24	20.17	0.578
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7/25/2019	7:26	20.35	0.473
7/25/2019	7:27	20.46	0.513
7/25/2019	7:28	20.54	0.657
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119.1	160.3021067	20.27
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124.6	169.810806	20.57
117.2	157.5872152	20.56
121.8	164.6434892	20.61
126.2	173.1016948	20.63
98.7	142.5941034	20.67
105.6	146.0555256	20.78
95.8	141.7930115	20.91
105.7	146.1226545	20.99
118.3	159.1263255	21.02
111.9	151.3257947	21.15
114.8	154.5246801	21.29
113	152.4775331	21.42
122.4	165.6909983	21.48
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114.7	154.4054945	21.64
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104.6	145.4118964	22.3

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0.273	106.9
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0.525	118.9
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0.523	127
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0.654	134.8
0.67	132.1
0.588	130.5
0.61	133.8
0.596	132.3
0.547	133.2
0.448	130.2
0.453	127.8
0.487	128.4
0.421	124.3
0.487	109.8
0.595	114.9
0.471	114.5
0.52	113.7
0.604	118.3
0.565	127.6
0.679	130.6
0.748	131.4
0.75	130.3
0.811	122.2
0.755	123.2
0.838	121.6
0.76	114.2
0.857	108.7
0.888	108.4
0.949	109.7
0.83	108.5
1.034	115.7
0.75	103.6
0.763	98.1
0.809	96.3
0.917	97.8
0.885	102.5
0.731	102.1
0.767	107.5
0.794	104.6
0.912	111
0.847	110
0.537	104.8
0.48	92.6
0.355	85.9
0.321	95.8

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160.0036074	19.03
168.0709172	18.98
174.8472386	18.97
183.3515534	18.95
195.3347893	18.91
187.7618297	18.93
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192.8553266	18.98
188.3385084	19.02
191.0071128	19.08
182.5632711	19.17
176.6631365	19.27
178.0729882	19.39
169.2222095	19.52
149.3256382	19.62
154.6445213	19.7
154.1690811	19.79
153.2492103	19.88
159.1263255	19.94
176.202409	20
183.6169505	20.02
185.7886529	20.05
182.824721	20.08
165.3383346	20.1
167.137323	20.11
164.3012465	20.13
153.8193224	20.14
148.3777321	20.16
148.1307424	20.2
149.2366877	20.19
148.2125295	20.23
155.627126	20.26
144.8178344	20.32
142.397648	20.43
141.9045775	20.54
142.3054699	20.59
144.220467	20.62
144.0175927	20.73
147.4188376	20.85
145.4118964	20.96
150.437296	21.02
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141.8144468	21.52
141.7930115	21.73

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0.385	93	141.3697448	18.94	0.269	90.2	141.2853442
0.374	89.8	141.30084	18.91	0.275	88.4	141.4093904
0.334	104.5	145.3502763	18.9	0.339	105.8	146.1902907
0.565	111.1	150.5336711	18.86	0.502	113.8	153.3619607
0.652	119	160.152474	18.79	0.649	117.6	158.1366964
0.578	119.1	160.3021067	18.73	0.535	122.5	165.8686538
0.56	123.9	168.4508857	18.73	0.616	126.4	173.5316387
0.655	127.4	175.7462142	18.71	0.742	126.9	174.6252563
0.769	130.4	183.0874794	18.68	0.819	131	184.6919171
0.749	132.5	188.9210494	18.68	0.773	130.2	182.5632711
0.637	129.8	181.5304128	18.7	0.687	132	187.4756675
0.738	137.7	185.8042924	18.72	0.758	133.1	190.7045403
0.65	134.4	194.7612235	18.74	0.691	129.8	181.5304128
0.613	136.2	190.5537426	18.8	0.629	133	190.403504
0.582	131.5	186.0662962	18.87	0.568	127.5	175.9737479
0.58	130.9	184.4211537	18.96	0.609	129	179.5253688
0.558	128.7	178.7937782	19.06	0.596	127.3	175.5198021
0.477	114.9	154.6445213	19.18	0.443	115.2	155.008001
0.615	112.9	152.3697801	19.28	0.543	112.2	151.6326395
0.665	117.2	157.5872152	19.38	0.604	117.4	157.8605159
0.57	115.3	155.1304872	19.47	0.451	121.8	164.6434892
0.709	117.8	158.4157786	19.56	0.559	120.8	162.9661204
0.699	123	166.7703272	19.64	0.616	126	172.6759748
0.695	131.3	185.5124012	19.7	0.66	132.2	188.0494405
0.828	138.7	182.8356637	19.71	0.742	137.7	185.8042924
0.822	135.8	191.884056	19.71	0.864	136.3	190.2254851
0.913	134	193.4841124	19.73	0.865	134.4	194.7612235
0.931	129	179.5253688	19.75	0.932	128.7	178.7937782
0.933	128.9	179.2802945	19.76	0.822	129	179.5253688
0.922	125.9	172.4646859	19.79	0.868	127.9	176.8952147
0.936	119.3	160.6036824	19.82	0.851	118.2	158.9827372
1.032	112.2	151.6326395	19.85	0.907	112.4	151.8402112
1.029	113.2	152.6948941	19.91	0.991	112.4	151.8402112
1.122	116	156.0067	19.91	1.098	113.6	153.1370917
0.966	110.6	150.0575889	19.95	0.901	112	151.4274771
1.091	120.7	162.802978	19.98	1.128	120.8	162.9661204
0.931	106.1	146.3962542	20.06	0.804	105.2	145.7920604
0.881	100.9	143.4541915	20.17	0.761	101.5	143.7274589
0.982	99.4	142.843816	20.28	0.918	96.2	141.8813857
1.1	101.7	143.8222881	20.33	1.081	100.4	143.23924
0.978	107.5	147.4188376	20.37	0.932	104.4	145.2891508
0.777	107.3	147.2664881	20.47	0.774	105.6	146.0555256
0.829	113	152.4775331	20.57	0.804	110.1	149.595865
0.882	110.5	149.9641021	20.68	0.826	107.1	147.1162438
0.99	117.5	157.9982448	20.73	0.998	115.3	155.1304872
0.918	117.2	157.5872152	20.77	0.928	115.6	155.5019575
0.596	109	148.6296284	20.89	0.575	105.3	145.8571712
0.674	100.6	143.3238336	21.05	0.601	97.9	142.3357491
0.602	89.3	141.3299024	21.19	0.502	83.8	142.366475
0.454	98.9	142.6631883	21.37	0.467	96.5	141.9522815

19.07	0.302	93.8	141.4559546	141.7946325	Yes
19.04	0.374	98.2	142.4292686	141.3186623	Yes
19.01	0.384	96.5	141.9522815	141.8679498	Yes
18.97	0.446	111.3	150.728171	145.7349062	Yes
18.92	0.554	117.4	157.8605159	154.8540709	Yes
18.82	0.712	122	164.9891752	160.273939	Yes
18.76	0.621	124.1	168.8346381	165.1170775	Yes
18.74	0.602	124.9	170.4081994	176.8835758	Yes
18.72	0.774	128.1	177.3628294	179.7303439	Yes
18.69	0.756	133.3	191.3112307	186.8537982	Yes
18.69	0.773	134.7	195.6900033	187.5633158	Yes
18.71	0.699	133.4	191.6169031	184.0603279	Yes
18.73	0.774	135.7	192.2210107	188.5654658	Yes
18.77	0.722	134	193.4841124	186.5093221	Yes
18.82	0.699	137	187.9748679	188.7725277	Yes
18.9	0.65	132.9	190.1039947	178.1685581	Yes
19	0.678	130.8	184.1517432	180.4078272	Yes
19.09	0.632	132.7	189.5095215	180.1090022	Yes
19.21	0.5	114.8	154.5246801	160.298299	Yes
19.31	0.642	117.5	157.9982448	151.4784904	Yes
19.41	0.68	122	164.9891752	160.3790001	Yes
19.52	0.524	120.5	162.4791534	158.789805	Yes
19.6	0.729	125.5	171.6298847	158.733304	Yes
19.66	0.772	129.9	181.7867003	169.9620065	Yes
19.71	0.822	137.6	186.1096044	182.5705437	Yes
19.71	0.935	144.3	168.7126952	180.0795967	Yes
19.72	1.007	140.5	177.8577632	182.487921	Yes
19.73	1.059	137.3	187.035022	187.9093291	Yes
19.73	1.096	132.4	188.6290418	174.1364477	Yes
19.74	1.021	132.5	188.9210494	175.7095502	Yes
19.77	1.033	130.2	182.5632711	177.1606506	Yes
19.81	1.122	123.7	168.0709172	157.4495426	Yes
19.85	1.056	118.1	158.8398912	150.948872	Yes
19.92	1.154	117.2	157.5872152	155.6191634	Yes
19.92	1.342	119.9	161.5271173	153.9919237	Yes
19.97	1.089	117.6	158.1366964	153.5852712	Yes
20.01	1.253	122	164.9891752	163.6244798	Yes
20.09	1.015	112.3	151.7361232	144.9000631	Yes
20.22	0.987	107.7	147.5733027	143.908706	Yes
20.33	1.183	101.7	143.8222881	142.1056977	Yes
20.38	1.308	104.7	145.4740121	143.8724131	Yes
20.42	1.075	109.4	148.9731899	149.0136953	Yes
20.52	0.934	112	151.4274771	147.1663503	Yes
20.62	0.94	111.1	150.5336711	151.004229	Yes
20.73	1.01	112.9	152.3697801	148.7424439	Yes
20.78	1.126	118.7	159.7081601	157.3142566	Yes
20.81	1.08	119.8	161.3712442	159.6420365	Yes
20.94	0.735	109.6	149.1482972	148.6072297	Yes
21.11	0.781	98.9	142.6631883	142.0722054	Yes
21.27	0.709	93.1	141.3790081	141.7041537	Yes
21.45	0.623	104.1	145.1087319	142.9550944	Yes

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7/25/2019	7:40	21.93	0.418
7/25/2019	7:41	21.99	0.349
7/25/2019	7:42	22.12	0.284
7/25/2019	7:43	22.29	0.361
7/25/2019	7:44	22.4	0.366
7/25/2019	7:45	22.55	0.312
7/25/2019	7:46	22.62	0.34
7/25/2019	7:47	22.64	0.273
7/25/2019	7:48	22.71	0.307
7/25/2019	7:49	22.84	0.192
7/25/2019	7:50	22.97	0.303
7/25/2019	7:51	23.06	0.42
7/25/2019	7:52	23.03	0.373
7/25/2019	7:53	23.07	0.315
7/25/2019	7:54	23.14	0.358
7/25/2019	7:55	23.2	0.345
7/25/2019	7:56	23.15	0.422
7/25/2019	7:57	23.11	0.414
7/25/2019	7:58	23.1	0.412
7/25/2019	7:59	23.23	0.327
7/25/2019	8:00	23.37	0.279
7/25/2019	8:01	23.45	0.371
7/25/2019	8:02	23.48	0.497
7/25/2019	8:03	23.54	0.507
7/25/2019	8:04	23.52	0.633
7/25/2019	8:05	23.41	0.537
7/25/2019	8:06	23.35	0.51
7/25/2019	8:07	23.34	0.362
7/25/2019	8:08	23.37	0.399
7/25/2019	8:09	23.41	0.354
7/25/2019	8:10	23.5	0.628
7/25/2019	8:11	23.47	0.588
7/25/2019	8:12	23.51	0.437
7/25/2019	8:13	23.62	0.418
7/25/2019	8:14	23.64	0.442
7/25/2019	8:15	23.8	0.281
7/25/2019	8:16	24.01	0.246
7/25/2019	8:17	24.24	0.389
7/25/2019	8:18	24.42	0.323
7/25/2019	8:19	24.66	0.14
7/25/2019	8:20	24.84	0.255
7/25/2019	8:21	24.88	0.233
7/25/2019	8:22	24.95	0.318
7/25/2019	8:23	25.07	0.314
7/25/2019	8:24	25.19	0.418
7/25/2019	8:25	25.01	0.54
7/25/2019	8:26	24.79	0.348
7/25/2019	8:27	24.67	0.288
7/25/2019	8:28	24.68	0.251
7/25/2019	8:29	24.74	0.408

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83.5	142.4613373	23.03
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114.2	153.8193224	23.43
123.8	168.2604307	23.52
119.6	161.0618684	23.71
115.4	155.2536405	23.88
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131	184.6919171	23.94
127.6	176.202409	24
159.5	145.4751667	24.14
131	184.6919171	24.27
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120.5	162.4791534	24.17
143.1	171.416365	24.16
91.6	141.2853442	24.32
114.5	154.1690811	24.43
126	172.6759748	24.55
144.8	167.6326681	24.57
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140.2	178.6563324	24.53
152.2	154.4161117	24.52
138.1	184.5985921	24.54
158.1	146.9258206	24.56
151.4	155.6208578	24.72
132.7	189.5095215	24.71
175.8	135.9838512	24.72
106.1	146.3962542	24.81
151.4	155.6208578	24.84
165.6	140.4224336	25.09
127.1	175.0703199	25.38
178.4	135.5745369	25.73
166.8	139.6529623	26.04
189.6	137.0220917	26.46
172.1	137.0589052	26.78
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194.5	139.3528135	26.78
191.6	137.8421902	26.79
203.5	146.7114396	26.81
215.7	164.946271	26.52
226.5	193.5866754	26.15
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216.7	166.9973396	25.92
202.4	145.5749597	25.98

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0.421	86.9
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0.252	124.1
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0.532	119.5
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0.532	141
0.497	119.4
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0.609	128
0.581	142.6
0.623	140.1
0.607	126.4
0.685	158.7
0.572	116.7
0.508	147.3
0.446	154.6
0.385	143.6
0.424	166.8
0.345	154.5
0.231	144.5
0.364	168.8
0.339	193.5
0.436	191.9
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0.523	220.5
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0.424	209.5
0.515	201.1

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153.5893653	22.78
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145.3502763	23.19
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152.3697801	23.48
157.5872152	23.57
178.1226162	23.56
161.8681603	23.55
188.2914027	23.53
186.6257896	23.43
178.0729882	23.36
153.6876994	23.4
177.1284437	23.44
172.5912057	23.51
178.9252109	23.57
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151.2154981	24.59
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137.9805921	25.32
136.1668004	25.34
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0.68	99.8	142.996497	21.5	0.635	97.5	142.2173074
0.628	106.4	146.6068237	21.56	0.62	103.4	144.7048835
0.554	109.6	149.1482972	21.63	0.513	107.7	147.5733027
0.446	99.3	142.8067836	21.75	0.439	97.2	142.1331484
0.568	86.9	141.6197787	21.92	0.469	84.5	142.1607573
0.515	88.7	141.3790081	22.01	0.491	84.4	142.1888102
0.512	128.4	178.0729882	22.11	0.55	122	164.9891752
0.542	117.2	157.5872152	22.14	0.58	111.6	151.0243214
0.513	109.6	149.1482972	22.19	0.556	106.6	146.7497779
0.476	124.4	169.4174385	22.27	0.485	122.4	165.6909983
0.345	124.6	169.810806	22.41	0.4	117.8	158.4157786
0.454	116.9	157.1826166	22.54	0.447	118.8	159.8555038
0.684	131.2	185.2375331	22.57	0.699	122.9	166.5881931
0.587	129.7	181.2753983	22.55	0.657	129.9	181.7867003
0.504	125.7	172.0452245	22.59	0.538	119.5	160.9083592
0.583	148.6	160.24088	22.61	0.771	139.1	181.6899539
0.545	130.2	182.5632711	22.61	0.689	122.2	165.3383346
0.587	123.2	167.137323	22.61	0.696	117.2	157.5872152
0.57	113.7	153.2492103	22.66	0.556	106.9	146.9680947
0.618	141.9	174.2857928	22.69	0.63	135.3	193.5866754
0.448	88.6	141.3887034	22.82	0.454	85	142.0271438
0.409	119.6	161.0618684	22.96	0.42	117.6	158.1366964
0.555	127.7	176.4322033	23.08	0.606	119.9	161.5271173
0.686	149.9	158.0152438	23.07	0.745	140.9	176.811543
0.727	147.6	162.0534901	23.04	0.728	146.4	164.3504379
0.842	145.5	166.1647422	23.03	0.843	137.4	186.7249594
0.831	143.1	171.416365	22.91	0.946	131.8	186.9076557
0.782	144.9	167.4198452	22.83	0.843	131.5	186.0662962
0.597	154.6	151.0848301	22.86	0.783	149.7	158.3483275
0.608	138.5	183.4173207	22.91	0.788	128.1	177.3628294
0.59	148.2	160.955157	22.97	0.731	137.4	186.7249594
0.807	150.3	157.3589946	22.99	0.898	138.1	184.5985921
0.82	138.2	184.3010071	22.98	0.797	128.8	179.0364331
0.685	167.3	139.3528135	23.01	0.944	151	156.2417902
0.705	122.5	165.8686538	23.1	0.769	115.7	155.627126
0.67	156.2	149.0856146	23.16	0.712	145.3	166.5789856
0.492	163.4	142.0185516	23.32	0.579	153.7	152.2858181
0.381	136.7	188.9294126	23.51	0.452	140.6	177.5942369
0.542	171.6	137.249547	23.75	0.511	169.9	137.9805921
0.456	169.2	138.3193881	23.9	0.444	149.8	158.1813694
0.16	163.1	142.25535	24.21	0.239	149	159.540656
0.353	181.1	135.4463252	24.44	0.407	178.4	135.5745369
0.355	202	145.1792559	24.53	0.406	192.9	138.471433
0.49	197.8	141.5589225	24.53	0.567	193.9	139.008273
0.555	189.9	137.1338452	24.49	0.729	180.9	135.4455
0.611	201.8	144.9848547	24.51	0.791	197.4	141.262737
0.638	213	159.8890273	24.18	0.864	213.3	160.4181218
0.469	223.6	184.3010071	23.98	0.677	214	161.6837458
0.372	224	185.5005447	23.97	0.472	217.5	168.7126952
0.399	221.9	179.4670474	24.01	0.526	211.6	157.5218261
0.514	199.2	142.6604859	24.06	0.63	194.9	139.5919783

21.59	0.816	105.3	145.8571712	142.1315731	Yes
21.63	0.818	108.7	148.3777321	147.1244632	Yes
21.71	0.649	113.9	153.475345	151.170614	Yes
21.85	0.565	103.9	144.9909076	143.4691901	Yes
22.02	0.704	94.1	141.4954247	142.0308148	Yes
22.12	0.599	90.8	141.2750152	141.8101445	Yes
22.2	0.666	129.5	180.7691609	175.2763134	Yes
22.24	0.67	115	154.7650203	155.3630981	Yes
22.29	0.658	117.6	158.1366964	149.544637	Yes
22.33	0.624	129.7	181.2753983	164.2395582	Yes
22.45	0.528	123.9	168.4508857	164.5307728	Yes
22.58	0.554	124.6	169.810806	154.8520012	Yes
22.59	0.801	131.5	186.0662962	172.8216022	Yes
22.58	0.684	133.2	191.0071128	181.1623076	Yes
22.66	0.546	128.1	177.3628294	167.4021253	Yes
22.69	0.736	142.7	172.3538995	165.9898124	Yes
22.67	0.776	128.9	179.2802945	173.3372886	Yes
22.67	0.786	123.8	168.2604307	162.8794673	Yes
22.72	0.622	114.5	154.1690811	152.0116837	Yes
22.76	0.801	129.4	180.5179243	183.1144367	Yes
22.83	0.657	93	141.3697448	141.4953427	Yes
22.97	0.538	123.6	167.8823409	156.4343565	Yes
23.07	0.752	128	177.1284437	167.0556276	Yes
23.05	0.818	149.2	159.1957351	170.1455178	Yes
23.02	0.767	153.3	152.8379067	164.5229585	Yes
23.02	1.027	143.1	171.416365	175.5792641	Yes
22.89	1.087	140.2	178.6563324	178.1990887	Yes
22.84	1.012	139.4	180.8458047	177.5538655	Yes
22.88	0.891	154.9	150.6969261	154.3842422	Yes
22.91	0.936	133	190.403504	180.6267965	Yes
22.99	0.822	144.2	168.9319213	166.7992857	Yes
22.96	1.064	146.4	164.3504379	169.1259139	Yes
22.99	1.029	140	179.1954466	181.5946501	Yes
23	0.959	158.7	146.2898835	144.4670846	Yes
23.08	0.895	126.1	172.8883094	156.2021139	Yes
23.18	0.828	155.2	150.3151193	158.4751182	Yes
23.34	0.63	160.4	144.6028841	146.4529083	Yes
23.52	0.602	142.6	172.5912057	177.9660648	Yes
23.79	0.675	185.8	135.9423289	137.6144096	Yes
23.93	0.503	167.8	139.0645196	146.8423045	Yes
24.3	0.206	195	139.6529623	151.7738945	Yes
24.57	0.452	191.5	137.796957	136.6507002	Yes
24.79	0.436	203.8	147.0339187	141.4437432	Yes
24.79	0.736	202.1	145.2773166	139.4751503	Yes
24.74	0.837	194.5	139.3528135	136.647084	Yes
24.75	0.838	199.2	142.6604859	143.23103	Yes
24.37	0.942	217	167.6326681	162.4503723	Yes
24.13	0.749	218.5	170.9545255	178.8393762	Yes
24.11	0.525	219.7	173.7955882	179.0101458	Yes
24.15	0.532	213.2	160.24088	164.5637874	Yes
24.24	0.717	201.8	144.9848547	143.0374386	Yes

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7/25/2019	8:34	25.24	0.262
7/25/2019	8:35	25.38	0.342
7/25/2019	8:36	25.38	0.31
7/25/2019	8:37	25.38	0.307
7/25/2019	8:38	25.3	0.217
7/25/2019	8:39	25.26	0.432
7/25/2019	8:40	25.13	0.157
7/25/2019	8:41	25.19	0.24
7/25/2019	8:42	25.17	0.348
7/25/2019	8:43	25.23	0.443
7/25/2019	8:44	25.14	0.474
7/25/2019	8:45	25.28	0.409
7/25/2019	8:46	25.4	0.268
7/25/2019	8:47	25.57	0.506
7/25/2019	8:48	25.72	0.351
7/25/2019	8:49	25.9	0.259
7/25/2019	8:50	26.02	0.4
7/25/2019	8:51	26.14	0.357
7/25/2019	8:52	26.2	0.392
7/25/2019	8:53	26.24	0.425
7/25/2019	8:54	26.3	0.621
7/25/2019	8:55	26.28	0.412
7/25/2019	8:56	26.24	0.631
7/25/2019	8:57	26.15	0.509
7/25/2019	8:58	26.21	0.475
7/25/2019	8:59	26.21	0.483
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7/25/2019	9:01	26.24	0.613
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7/25/2019	9:03	26.18	0.483
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7/25/2019	9:10	26.26	0.441
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173.9	136.4626721	27.53
185.9	135.9628798	27.57
164.5	141.1899582	27.57
193	138.5230334	27.59
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176.5	135.8458714	27.61
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145.9799608	25.91
135.4455	25.99
143.249962	25.97
135.4622116	25.97
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135.9221983	26.62
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0.488	221.1	177.3320297	24.01	0.667	217.4	168.49455
0.611	192.4	138.2203136	24.05	0.711	185.7	135.9221983
0.508	200.5	143.7762629	24.13	0.614	190.4	137.328883
0.712	183.8	135.6191797	24.3	0.82	177	135.759882
0.416	176.2	135.9024875	24.45	0.655	165.7	140.355632
0.455	144.1	169.1522337	24.63	0.542	146.9	163.3767931
0.415	143.6	170.2702897	24.72	0.562	140.4	178.1226162
0.361	199.9	143.249962	24.82	0.441	196.3	140.4897269
0.311	219.5	173.3102392	24.84	0.386	209.4	154.1225109
0.602	233.9	176.8952147	24.83	0.667	230.7	184.9640411
0.28	255.4	146.6068237	24.72	0.36	254.8	147.041908
0.307	235.2	173.9658487	24.81	0.478	232.3	180.7691609
0.52	224.7	187.6599662	24.75	0.735	215.5	164.548069
0.639	201.3	144.5088047	24.71	0.791	197.5	141.3360215
0.591	217.3	168.2774801	24.56	0.716	215.2	163.9580918
0.528	199.8	143.1641434	24.66	0.537	190	137.171973
0.391	189.1	136.8445673	24.76	0.478	179.9	135.4661321
0.779	167.7	139.1212357	24.89	0.91	165.3	140.6257933
0.621	164.4	141.262737	25	0.689	159.2	145.7762909
0.437	202.7	145.8778326	25.11	0.627	189.3	136.9142707
0.65	173.1	136.7103661	25.2	0.863	172.8	136.810367
0.612	164.6	141.1176841	25.21	0.824	160.5	144.5088047
0.562	154.7	150.9548471	25.23	0.684	146.4	164.3504379
0.635	191.9	137.9805921	25.26	0.898	187	136.2167669
1.032	185.6	135.9024875	25.24	1.204	180.6	135.4473567
0.689	187	136.2167669	25.14	1.029	185.5	135.8831963
1.054	198.5	142.096964	25.06	1.353	185.9	135.9628798
0.927	173.5	136.5830783	24.95	1.135	163.6	141.8632814
0.836	171.7	137.21054	24.97	0.965	169.4	138.2203136
0.907	171.2	137.4099861	24.98	0.995	160.6	144.4152874
0.828	181.9	135.4661321	25.05	1.041	172.7	136.8445673
1.109	168.5	138.6806025	25.05	1.248	165.1	140.7638403
1.014	189.3	136.9142707	25.07	1.1	182	135.4704656
0.881	178.5	135.564413	24.97	1.017	178.1	135.6073966
0.746	172.9	136.7766005	25.06	0.929	162.7	142.5784051
0.781	165.2	140.6945686	25.16	0.877	155.9	149.4475739
0.745	142.3	173.3102392	25.08	1.047	138.4	183.7103804
0.794	146.4	164.3504379	24.94	0.883	141.4	175.5328989
0.605	170.7	137.6205085	25.03	0.796	165.2	140.6945686
0.755	184.8	135.759882	25.22	0.84	178.3	135.5850754
0.625	206	149.5695304	25.24	0.702	194.7	139.4714437
0.778	158.8	146.1859844	25.37	0.955	158.3	146.7114396
1	168.7	138.5750946	25.39	1.296	164.8	140.9746448
0.736	160.5	144.5088047	25.42	0.873	155.4	150.0639356
0.779	199.9	143.249962	25.34	0.945	188.8	136.743267
0.503	173	136.743267	25.42	0.618	166.2	140.0289626
0.606	175.2	136.1185285	25.6	0.651	166.9	139.5919783
0.772	192.4	138.2203136	25.61	0.754	187.6	136.3768654
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0.666	179.5	135.4859439	25.79	0.917	171.3	137.3692134
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24.19	0.717	223.9	185.1983516	176.9225002	Yes
24.2	0.896	199.4	142.8262379	136.6440114	Yes
24.28	0.766	194.8	139.5314724	141.8971125	Yes
24.47	0.967	187.1	136.2423866	135.7072767	Yes
24.66	0.626	175.7	136.0052434	137.8856031	Yes
24.84	0.649	155.3	150.1891937	168.50879	Yes
24.87	0.583	152.9	153.4015168	180.140169	Yes
24.98	0.52	206.6	150.3151193	141.3658482	Yes
25.02	0.479	211.1	156.7157803	166.9300128	Yes
24.97	0.799	234.4	175.7462142	185.2944476	Yes
24.85	0.387	255.4	146.6068237	145.1622888	Yes
24.89	0.418	228.1	192.5433417	175.9256632	Yes
24.83	0.786	218	169.8197457	179.8862978	Yes
24.83	0.887	202.5	145.6753339	146.313424	Yes
24.65	0.789	215.7	164.946271	165.8663614	Yes
24.74	0.648	205.7	149.2056183	138.6488847	Yes
24.85	0.528	191.5	137.796957	136.0910608	Yes
24.95	1.001	173.1	136.7103661	139.8270488	Yes
25.07	0.837	173.6	136.5523328	144.0597058	Yes
25.24	0.635	194.6	139.411891	142.3852162	Yes
25.31	0.885	175.3	136.0950271	136.2666045	Yes
25.27	0.854	172.8	136.810367	142.3519488	Yes
25.27	0.824	163.1	142.25535	160.3348672	Yes
25.3	0.922	194.4	139.2942101	137.6084503	Yes
25.36	1.357	188.7	136.7103661	136.0229414	Yes
25.26	1.034	191.6	137.8421902	136.3693029	Yes
25.18	1.438	192.8	138.4202926	139.7805821	Yes
25.1	1.317	170.3	137.796957	139.2163526	Yes
25.1	1.065	177.8	135.6439919	137.0378876	Yes
25.13	1.206	173.3	136.6458601	141.0669766	Yes
25.23	1.168	179.7	135.475212	135.9297698	Yes
25.22	1.335	172	137.0961561	140.9710908	Yes
25.26	1.394	189	136.810367	136.5924953	Yes
25.18	1.175	178.6	135.5547035	135.7712848	Yes
25.19	1.108	170.5	137.7078372	138.5108046	Yes
25.28	1.085	166.9	139.5919783	144.1505646	Yes
25.16	1.183	150.5	157.0357721	183.3421503	Yes
25.05	0.984	153.1	153.1182603	168.0324989	Yes
25.19	0.926	175.3	136.0950271	139.0092566	Yes
25.41	1.02	186.3	136.0492916	135.8209625	Yes
25.47	0.827	200.7	143.9560723	145.3289582	Yes
25.6	1.126	167.7	139.1212357	146.9609105	Yes
25.55	1.297	173.4	136.6142539	140.0930053	Yes
25.57	1.063	166.9	139.5919783	147.3371306	Yes
25.51	1.136	199.3	142.7430964	139.6080178	Yes
25.62	0.732	179.3	135.4983288	140.241773	Yes
25.87	0.718	168.5	138.6806025	137.2971984	Yes
25.97	0.898	194.4	139.2942101	137.4741581	Yes
26.14	0.685	191.9	137.9805921	136.8318144	Yes
26.35	0.808	181.6	135.4556091	136.9265749	Yes
26.44	0.897	176.5	135.8458714	136.7589612	Yes

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18.18
8.63

7/25/2019	9:21	27.28	0.378
7/25/2019	9:22	27.31	0.304
7/25/2019	9:23	27.41	0.47
7/25/2019	9:24	27.34	0.529
7/25/2019	9:25	27.17	0.458
7/25/2019	9:26	27.09	0.36
7/25/2019	9:27	27.23	0.588
7/25/2019	9:28	27.36	0.576
7/25/2019	9:29	27.45	0.542
7/25/2019	9:30	27.45	0.429
7/25/2019	9:31	27.54	0.402
7/25/2019	9:32	27.6	0.468
7/25/2019	9:33	27.58	0.444
7/25/2019	9:34	27.44	0.579
7/25/2019	9:35	27.3	0.742
7/25/2019	9:36	27.2	0.737
7/25/2019	9:37	27.15	0.702
7/25/2019	9:38	27.15	0.551
7/25/2019	9:39	27.21	0.778
7/25/2019	9:40	27.23	0.503
7/25/2019	9:41	27.3	0.566
7/25/2019	9:42	27.34	0.546
7/25/2019	9:43	27.36	0.426
7/25/2019	9:44	27.46	0.186
7/25/2019	9:45	27.54	0.533
7/25/2019	9:46	27.48	0.854
7/25/2019	9:47	27.56	0.643
7/25/2019	9:48	27.63	0.521
7/25/2019	9:49	27.69	0.406
7/25/2019	9:50	27.8	0.638
7/25/2019	9:51	27.88	0.405
7/25/2019	9:52	27.96	0.503
7/25/2019	9:53	27.63	0.797
7/25/2019	9:54	27.34	0.785
7/25/2019	9:55	27.28	0.696
7/25/2019	9:56	27.13	0.593
7/25/2019	9:57	27.07	0.678
7/25/2019	9:58	27.1	0.693
7/25/2019	9:59	27.07	0.662
7/25/2019	10:00	27.07	0.74
7/25/2019	10:01	26.93	0.593
7/25/2019	10:02	26.96	0.517
7/25/2019	10:03	26.98	0.872
7/25/2019	10:04	27.02	0.851
7/25/2019	10:05	27.01	0.706
7/25/2019	10:06	27.11	0.968
7/25/2019	10:07	27.29	0.567
7/25/2019	10:08	27.54	0.518
7/25/2019	10:09	27.48	0.722
7/25/2019	10:10	27.48	0.721
7/25/2019	10:11	27.55	0.848

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174.2	136.3768654	29
163.8	141.7100752	29.15
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131.7	186.6257896	28.8
149.9	158.0152438	28.6
185	135.7930238	28.64
174.9	136.1915717	28.62
176.7	135.8102214	28.74
164.2	141.4098131	28.87
190.9	137.5349652	29.02
148.1	161.1359522	29.04
149.1	159.3677662	28.99
166.3	139.9650888	28.84
169.5	138.1714606	28.65
163.3	142.096964	28.43
169.2	138.3193881	28.32
195.9	140.2234999	28.25
202.8	145.9799608	28.19
201.5	144.6975271	28.11
201.9	145.0817692	28.13
205.3	148.729472	28.14
206.5	150.1891937	28.19
81.3	143.2813061	28.28
231.1	183.8836779	28.34
211.8	157.8499471	28.15
191.4	137.7521729	28.14
179.4	135.4919297	28.21
195.3	139.8387928	28.36
189.4	136.949775	28.48
181.5	135.452927	28.58
205.8	149.3262707	28.72
236.6	171.014516	28.3
211.6	157.5218261	27.85
214.2	162.0534901	27.74
223	182.5470487	27.54
207.7	151.7450728	27.47
139.6	180.290119	27.58
173.3	136.6458601	27.61
224.8	187.9748679	27.57
223.9	185.1983516	27.35
223.4	183.7103804	27.38
204.2	147.4724086	27.39
203.9	147.1426245	27.43
213.6	160.955157	27.4
194	139.0645196	27.54
175.7	136.0052434	27.75
196.8	140.8336095	28.14
214.8	163.184934	28.11
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196	140.2893212	28.14

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0.743	147.2
0.604	126.9
0.437	151.8
0.778	180.6
0.926	161.6
0.851	163.8
0.511	152.9
0.607	172.9
0.67	139.3
0.656	144.6
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1.055	149.5
0.897	148.8
0.844	182.3
1.027	196.1
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0.971	193
0.718	193.3
0.616	193.4
0.304	81.6
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1.185	201.7
0.92	178.2
0.769	174.8
0.556	194.2
1.073	187.2
0.604	181.5
0.793	200.6
1.261	224.5
1.051	208
1.188	209.7
0.911	225
0.952	200.7
0.966	133.1
0.975	163.9
1.063	227
0.881	221.3
0.918	221.9
1.227	203.5
1.347	198.5
1.08	215.3
1.267	200.8
0.732	172.4
0.609	193.6
1.33	207.5
1.202	192.8
1.233	194.2

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136.4050401	26.94
149.8154124	26.97
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155.0123664	26.47
135.4473567	26.53
143.5106627	26.56
141.7100752	26.58
153.4015168	26.55
136.7766005	26.66
181.1257634	26.7
168.0614801	26.66
159.7144084	26.58
155.3150699	26.5
158.684756	26.42
159.8890273	26.34
135.4859439	26.36
140.355632	26.39
138.5230334	26.39
138.5230334	26.42
138.6806025	26.44
138.734051	26.5
143.1564895	26.65
189.898934	26.83
144.8885107	26.78
135.5960285	26.85
136.2167669	26.88
139.1784222	27.01
136.2684311	27.13
135.452927	27.21
143.8658923	27.26
187.035022	27.01
152.1495751	26.76
154.5640391	26.63
188.6095808	26.55
143.9560723	26.56
190.7045403	26.55
141.6342428	26.58
195.3347893	26.61
177.8577632	26.48
179.4670474	26.56
146.7114396	26.57
142.096964	26.56
164.1537804	26.61
144.0468045	26.7
136.949775	26.85
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151.4788997	27.13
138.4202926	27.08
139.1784222	27.13

0.537	166.3	139.9650888	25.79	0.619	152.4	154.1225109
0.515	169.7	138.0751192	25.84	0.607	173	136.743267
0.678	168.3	138.7879636	25.88	0.848	154.8	150.8255466
0.757	145.3	166.5789856	25.71	0.796	144.3	168.7126952
0.689	132.3	188.3385084	25.58	0.704	131.3	185.5124012
0.487	147.7	161.8681603	25.62	0.497	151.1	156.0853794
0.859	183.3	135.564413	25.75	0.92	174	136.4336422
0.864	170.8	137.577514	25.83	1.127	163.2	142.1758963
0.832	163.4	142.0185516	25.87	0.922	156.4	148.8475437
0.589	143.1	171.416365	25.87	0.587	154.2	151.6116385
0.528	180.6	135.4473567	25.98	0.663	168.8	138.5230334
0.703	137.1	187.6599662	26.02	0.772	133.6	192.2329492
0.736	148	161.3176459	25.99	0.813	145.4	166.3713526
0.769	155.7	149.6921424	25.91	0.89	149.2	159.1957351
1.264	161.7	143.4232201	25.82	1.355	155.8	149.5695304
1.143	152.7	153.6876994	25.75	1.303	149.7	158.3483275
1.082	159.1	145.8778326	25.69	1.104	152.2	154.4161117
0.963	190.5	137.3692134	25.72	1.117	181	135.4457063
1.11	198.2	141.8632814	25.76	1.449	190.7	137.4512019
0.746	199.4	142.8262379	25.74	0.913	196	140.2893212
0.932	197.5	141.3360215	25.75	1.148	186.2	136.0270567
0.788	196.6	140.6945686	25.78	0.869	184.3	135.6843278
0.578	201.6	144.7927354	25.82	0.71	187.3	136.2949008
0.267	90.6	141.2767366	25.98	0.317	98	142.366475
0.765	227.2	195.4097096	26.21	0.792	219.6	173.55231
1.198	205	148.379085	26.15	1.49	195.6	140.0289626
0.977	191.2	137.6639493	26.15	1.106	182.2	135.4803714
0.77	178.2	135.5960285	26.11	0.876	170.6	137.6639493
0.518	200.7	143.9560723	26.23	0.67	188.5	136.6458601
1.008	195.2	139.7763685	26.35	1.241	189.3	136.9142707
0.595	177.6	135.6704665	26.45	0.632	178.3	135.5850754
0.819	210.3	155.4675767	26.48	0.905	202.9	146.0826775
1.233	233.5	177.8350956	26.25	1.487	224.4	186.7249594
1.152	214.1	161.8681603	26.06	1.406	205.1	148.4952449
1.09	218.1	170.0444603	25.92	1.351	210.2	155.3150699
1.026	228.3	191.9241395	25.9	1.164	224.5	187.035022
1.004	207.8	151.8792052	25.95	1.128	198.2	141.8632814
1.167	135.7	192.2210107	25.94	1.245	133.9	193.1689136
1.034	166.1	140.0933217	25.96	1.049	159.4	145.5749597
1.18	232.8	179.5253688	26.02	1.397	225.4	189.898934
0.913	226.5	193.5866754	25.91	1.059	221.7	178.9252109
0.843	227	195.3347893	26	1.193	214.8	163.184934
1.358	212.2	158.5161218	26.01	1.595	202.4	145.5749597
1.511	204.4	147.6953406	25.96	1.756	196.2	140.4224336
1.125	219.3	172.8296935	26.01	1.455	208.6	152.9777221
1.374	205.2	148.6120398	26.08	1.708	195.9	140.2234999
0.85	173.4	136.6142539	26.15	0.899	172.8	136.810367
0.764	196.2	140.4224336	26.38	0.824	195.9	140.2234999
1.218	210.7	156.0853794	26.44	1.603	202.4	145.5749597
1.338	198.2	141.8632814	26.34	1.563	189	136.810367
1.313	195.5	139.9650888	26.39	1.506	188.8	136.743267

26.31	0.695	160.1	144.8885107	146.2064139	Yes
26.44	0.712	168	138.952495	136.9000729	Yes
26.43	0.896	163.5	141.9406579	145.2847494	Yes
26.18	0.978	145.6	165.9591491	162.5953871	Yes
26.07	0.843	142.4	173.0693692	183.7754889	Yes
26.19	0.611	158.3	146.7114396	157.7452875	Yes
26.31	1.081	177.6	135.6704665	135.8096089	Yes
26.31	1.178	171.4	137.328883	139.8639112	Yes
26.25	1.094	165.1	140.7638403	142.096598	Yes
26.22	0.696	147.6	162.0534901	154.4598334	Yes
26.43	0.639	168.8	138.5230334	137.0704889	Yes
26.42	0.887	143.2	171.184873	180.5386577	Yes
26.34	0.942	157.5	147.5835656	163.7795612	Yes
26.22	1.036	159.1	145.8778326	152.1418437	Yes
26.06	1.757	167.5	139.23608	146.6198202	Yes
25.9	1.534	158	147.0339187	153.2044367	Yes
25.83	1.439	161.8	143.3363204	149.6255899	Yes
25.88	1.401	189.9	137.1338452	137.1310909	Yes
26	1.578	194.3	139.23608	141.412519	Yes
25.98	0.986	204.5	147.8077356	141.5840299	Yes
26.01	1.252	193.6	138.8423412	140.2419702	Yes
26.17	0.95	193.1	138.5750946	140.9472427	Yes
26.32	0.771	190.8	137.4928614	142.5027202	Yes
26.53	0.363	134.5	195.0846305	142.5202518	Yes
26.69	0.975	224.5	187.035022	185.6861579	Yes
26.47	1.629	201.4	144.6028841	147.7866264	Yes
26.44	1.286	191.6	137.8421902	136.6231305	Yes
26.35	0.982	185.4	135.8643244	136.2421686	Yes
26.48	0.623	202	145.1792559	139.9047868	Yes
26.58	1.317	196.9	140.9038772	137.4772114	Yes
26.67	0.707	185.8	135.9423289	135.540349	Yes
26.66	1.072	213.4	160.5962459	148.6856043	Yes
26.37	1.678	229.2	189.2145397	180.6523982	Yes
26.12	1.557	214.5	162.6150149	155.0087016	Yes
25.95	1.438	223	182.5470487	160.4942649	Yes
25.88	1.339	231.7	182.3031224	187.5289477	Yes
25.92	1.307	206.2	149.8154124	147.3609079	Yes
25.94	1.487	146.3	164.548069	189.0961459	Yes
25.98	1.192	166.5	139.8387928	140.9870961	Yes
26.04	1.612	228	192.8553266	188.18349	Yes
25.93	1.142	228.9	190.1039947	183.8920003	Yes
26.05	1.252	220.4	175.5328989	180.4242878	Yes
25.99	1.929	209.3	153.9768314	149.5687324	Yes
25.94	2.199	203.4	146.6051528	144.3393407	Yes
25.98	1.654	214.3	162.2397397	162.7290882	Yes
26.05	1.912	203.7	146.9258206	142.9867159	Yes
26.16	1.123	179.2	135.5051412	136.5949098	Yes
26.45	0.863	197.3	141.1899582	140.080471	Yes
26.49	1.794	208	152.1495751	154.0810432	Yes
26.36	1.977	196.2	140.4224336	139.3623933	Yes
26.42	1.747	198.6	142.1758963	139.0440248	Yes

16.67
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7.6

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7/25/2019	10:20	28.09	0.718
7/25/2019	10:21	27.92	0.673
7/25/2019	10:22	28.03	0.567
7/25/2019	10:23	28.17	0.625
7/25/2019	10:24	28.27	0.718
7/25/2019	10:25	28.35	0.656
7/25/2019	10:26	28.2	0.775
7/25/2019	10:27	27.9	0.662
7/25/2019	10:28	27.97	0.552
7/25/2019	10:29	28.08	0.403
7/25/2019	10:30	28.22	0.459
7/25/2019	10:31	28.35	0.573
7/25/2019	10:32	28.43	0.572
7/25/2019	10:33	28.5	0.78
7/25/2019	10:34	28.56	0.604
7/25/2019	10:35	28.6	0.687
7/25/2019	10:36	28.61	0.658
7/25/2019	10:37	28.46	0.936
7/25/2019	10:38	28.37	0.855
7/25/2019	10:39	28.26	0.885
7/25/2019	10:40	28.07	0.608
7/25/2019	10:41	28.1	0.283
7/25/2019	10:42	28.26	0.408
7/25/2019	10:43	28.29	0.683
7/25/2019	10:44	28.22	0.985
7/25/2019	10:45	28.19	0.9
7/25/2019	10:46	28.08	0.81
7/25/2019	10:47	28.04	0.724
7/25/2019	10:48	27.89	0.688
7/25/2019	10:49	27.93	0.637
7/25/2019	10:50	27.95	0.632
7/25/2019	10:51	28.17	0.253
7/25/2019	10:52	28.37	0.246
7/25/2019	10:53	28.6	0.513
7/25/2019	10:54	28.74	0.643
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7/25/2019	10:56	29.01	0.344
7/25/2019	10:57	29.05	0.398
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7/25/2019	10:59	28.8	0.959
7/25/2019	11:00	28.71	1.028
7/25/2019	11:01	28.7	0.888
7/25/2019	11:02	28.65	0.788

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181.8	135.4622116	28.38
178.9	135.52806	28.57
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194.3	139.23608	28.89
185.4	135.8643244	29.01
167.7	139.1212357	29.15
193.6	138.8423412	29.18
211.5	157.3589946	28.99
197.2	141.1176841	28.73
192	138.0276292	28.83
186.8	136.1668004	29
193.6	138.8423412	29.08
163.1	142.25535	29.21
138.2	184.3010071	29.15
133.3	191.3112307	28.75
182.6	135.5051412	28.77
192.8	138.4202926	28.88
188.4	136.6142539	29.05
160.5	144.5088047	29.3
172.9	136.7766005	29.47
173.1	136.7103661	29.51
190.7	137.4512019	29.54
193.4	138.734051	29.6
168.4	138.734051	29.61
200.1	143.4232201	29.46
192.8	138.4202926	29.25
213.8	161.3176459	29.05
222	179.7400211	28.77
153.7	152.2858181	28.81
152.7	153.6876994	29.15
193.5	138.7879636	29.27
165.5	140.4897269	29.1
148.7	160.0645165	29.1
165	140.8336095	29.05
196.4	140.557513	28.99
226.1	192.2210107	28.7
208.4	152.6988115	28.67
168.3	138.7879636	28.67
163.1	142.25535	29.02
134.2	194.1193848	29.38
195.9	140.2234999	29.69
178.3	135.5850754	29.8
179.1	135.5123672	29.96
147	163.184934	30.15
208	152.1495751	30.24
88.8	141.3697448	30.11
180.1	135.458704	29.69
157	148.1486618	29.53
159.5	145.4751667	29.51
161.9	143.249962	29.53

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1.001	164.7
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0.959	157.6
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0.999	205.2
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0.739	185.6
1.075	183.9
0.862	184.9
1.287	151.9
0.977	129.5
0.922	131.6
0.836	183.3
0.593	177.1
0.73	187.6
0.671	149.4
0.606	172
1.181	165.9
0.884	172.6
0.955	184.1
0.993	169.8
1.204	196
1.167	186.5
1.165	208.8
0.921	218.9
0.412	157.6
0.531	145.1
0.976	197.3
1.446	157.7
1.068	140.5
1.032	146.3
1.129	185.8
0.857	210.6
0.779	201.2
0.91	165.4
0.33	166.9
0.355	150.7
0.704	175.8
1.05	164.3
0.814	169.7
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0.546	193.9
0.823	89.2
1.276	166.3
1.079	156.5
0.971	151.3
0.983	151.6

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135.475212	27.28
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141.0459134	27.6
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137.8878733	27.73
147.4724086	27.78
136.1668004	27.81
148.6120398	27.65
136.7766005	27.51
135.9024875	27.64
135.6313781	27.77
135.7762441	27.81
154.8621634	27.87
180.7691609	27.71
186.3453391	27.5
135.564413	27.59
135.7439374	27.73
136.3768654	27.89
158.8542338	28.02
137.0961561	28.17
140.2234999	28.22
136.8792016	28.28
135.6570213	28.3
138.0276292	28.28
140.2893212	28.13
136.0950271	27.96
153.2595242	27.81
171.8828066	27.64
147.4724086	27.79
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147.3618674	27.97
177.8577632	27.9
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139.5919783	27.95
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141.3360215	28.75
138.0751192	28.83
156.5569873	29
139.008273	29.07
141.3370081	28.98
139.9650888	28.67
148.729472	28.47
155.7749165	28.4
155.3150699	28.31

1.216	195.5	139.9650888	26.34	1.528	186.1	136.0052434
1.109	183.6	135.5960285	26.53	1.399	180.2	135.4556091
0.786	183.9	135.6313781	26.61	1.018	175.7	136.0052434
1.09	174	136.4336422	26.76	1.307	169.5	138.1714606
0.947	198.9	142.4158267	26.78	1.142	197.4	141.262737
0.838	181.2	135.4473567	26.87	0.956	172.8	136.810367
1.019	161.1	143.9560723	26.93	1.304	159.4	145.5749597
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1.088	211.8	157.8499471	26.84	1.238	204.6	147.9207527
1.043	196.9	140.9038772	26.74	1.242	186	135.9838512
0.786	190.7	137.4512019	26.82	0.958	187.2	136.2684311
1.109	191.9	137.9805921	26.92	1.364	185.6	135.9024875
1.08	192.6	138.3193881	26.94	1.149	188.3	136.5830783
1.143	155.9	149.4475739	27.02	1.56	150.7	156.7157803
1.232	130.6	183.6169505	26.92	1.256	130.5	183.3515534
1.057	130.2	182.5632711	26.75	1.166	128.6	178.5523232
0.916	179.1	135.5123672	26.88	1.008	174.8	136.2167669
0.651	185.9	135.9628798	27.03	0.783	174.4	136.3217962
0.663	184.6	135.7284098	27.16	0.865	184.1	135.6570213
0.863	155.9	149.4475739	27.28	0.827	151.2	155.9297559
0.913	165.3	140.6257933	27.42	0.854	166.6	139.7763685
1.309	172.7	136.8445673	27.47	1.616	165.1	140.7638403
0.985	183.8	135.6191797	27.49	1.155	175.9	135.9628798
0.99	190.6	137.4099861	27.49	1.209	179.6	135.4803714
1.026	181.8	135.4622116	27.44	1.284	174.5	136.2949008
1.448	202.8	145.9799608	27.29	1.653	190.8	137.4928614
1.235	194.1	139.1212357	27.12	1.596	186.2	136.0270567
1.203	214.4	162.4269132	27	1.439	205.9	149.4475739
0.937	223	182.5470487	26.89	1.047	218	169.8197457
0.405	148.2	160.955157	27.07	0.442	180.8	135.4457063
0.604	151.1	156.0853794	27.32	0.565	145.9	165.3484246
1.107	199.6	142.9941199	27.41	1.32	188.8	136.743267
1.62	164.9	140.9038772	27.29	1.859	156.5	148.729472
1.314	150.6	156.8753741	27.21	1.47	143.6	170.2702897
1.194	150.4	157.1969778	27.12	1.441	148.7	160.0645165
1.166	193	138.5230334	27.11	1.427	183.6	135.5960285
0.938	220.8	176.5532489	26.98	1.02	205.5	148.9662571
1.062	209.4	154.1225109	27.02	1.125	201.6	144.7927354
0.956	167.2	139.411891	27.01	1.036	160.1	144.8885107
0.308	160.4	144.6028841	27.31	0.347	171.7	137.21054
0.376	151.1	156.0853794	27.67	0.386	149	159.540656
0.74	184.2	135.6704665	28.03	0.947	173	136.743267
1.031	168.8	138.5230334	28.1	1.399	163	142.3353263
1.091	171.5	137.2889944	28.16	1.16	166.5	139.8387928
0.66	139.4	180.8458047	28.31	0.73	149.8	158.1813694
0.507	191.6	137.8421902	28.41	0.601	178.1	135.6073966
1.157	112.1	151.529758	28.36	1.067	96.6	141.9767943
1.49	175.1	136.1424529	28.13	1.733	163.5	141.9406579
1.511	159.1	145.8778326	27.93	1.58	153.8	152.1495751
1.235	153.2	152.9777221	27.85	1.433	152.9	153.4015168
1.224	161	144.0468045	27.75	1.336	155.8	149.5695304

26.43	1.665	192	138.0276292	139.1164004	Yes
26.62	1.605	187.1	136.2423866	135.4972653	Yes
26.74	1.111	184.8	135.759882	135.6530095	Yes
26.87	1.593	178.5	135.564413	137.9250769	Yes
26.85	1.321	202.5	145.6753339	141.7861439	Yes
26.9	1.098	183.4	135.5745369	136.5024804	Yes
26.91	1.515	167.2	139.411891	144.0311691	Yes
26.93	1.145	189.3	136.9142707	137.893507	Yes
26.83	1.418	213.6	160.955157	152.9354335	Yes
26.71	1.368	192.2	138.1230627	138.6955032	Yes
26.84	0.955	196.4	140.557513	136.9124374	Yes
26.97	1.48	193.2	138.6276173	136.4203145	Yes
26.95	1.4	197.7	141.484113	137.3802629	Yes
26.99	1.639	155.5	149.9393426	150.8202169	Yes
26.81	1.58	138.9	182.2598979	183.009668	Yes
26.7	1.41	137.2	187.3466876	184.693041	Yes
26.88	1.206	183.9	135.6313781	135.6996721	Yes
27.05	0.82	183	135.5365272	136.6122265	Yes
27.24	0.815	184.4	135.6986053	136.0941376	Yes
27.29	1.064	155.6	149.8154124	152.1850921	Yes
27.38	1.188	165.7	140.355632	138.5687296	Yes
27.36	1.813	173.7	136.5220169	138.6355684	Yes
27.39	1.215	185.4	135.8643244	136.4781158	Yes
27.45	1.401	186.8	136.1668004	136.8203574	Yes
27.37	1.437	186	135.9838512	137.1296982	Yes
27.22	1.98	201	144.2299319	141.7963409	Yes
27.02	1.787	194.3	139.23608	137.415903	Yes
26.91	1.636	214.4	162.4269132	156.6129143	Yes
26.77	1.167	222.2	180.290119	175.9974055	Yes
26.97	0.456	195.9	140.2234999	149.0397725	Yes
27.24	0.684	159.5	145.4751667	160.5297107	Yes
27.33	1.556	193.1	138.5750946	139.9288272	Yes
27.18	2.16	167.6	139.1784222	144.3712359	Yes
26.97	1.79	152.7	153.6876994	166.2669859	Yes
26.92	1.619	157.7	147.3618674	155.6607932	Yes
26.98	1.601	192.9	138.471433	137.654726	Yes
26.89	1.115	210.3	155.4675767	168.4175681	Yes
26.95	1.391	207.5	151.4788997	149.0073363	Yes
26.92	1.212	164.2	141.4098131	140.9114696	Yes
27.24	0.373	167.3	139.3528135	140.9151881	Yes
27.67	0.477	168.6	138.6276173	166.6153001	Yes
28.03	0.964	181.2	135.4473567	137.1552711	Yes
28.03	1.474	170.7	137.6205085	139.4448642	Yes
27.93	1.375	172.1	137.0589052	137.6788184	Yes
28.06	0.777	144.5	168.2774801	164.6922739	Yes
28.25	0.589	163.2	142.1758963	141.1518587	Yes
28.29	1.262	125.9	172.4646859	144.0533263	Yes
28.05	1.916	175.2	136.1185285	138.3767259	Yes
27.77	1.984	162.9	142.4158267	148.7263854	Yes
27.6	1.704	158.9	146.0826775	151.9073305	Yes
27.48	1.581	164.5	141.1899582	148.0453417	Yes

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6.912
12.84
6.821
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7.2

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7/25/2019	11:04	28.44	0.552
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7/25/2019	11:06	28.36	0.621
7/25/2019	11:07	28.22	0.719
7/25/2019	11:08	28.18	0.733
7/25/2019	11:09	28.21	0.582
7/25/2019	11:10	28.17	0.541
7/25/2019	11:11	28.17	0.644
7/25/2019	11:12	28.08	0.328
7/25/2019	11:13	27.96	0.667
7/25/2019	11:14	28	0.89
7/25/2019	11:15	28.23	0.825
7/25/2019	11:16	28.44	0.946
7/25/2019	11:17	28.67	0.877
7/25/2019	11:18	28.82	1.103
7/25/2019	11:19	28.72	0.956
7/25/2019	11:20	28.47	0.905
7/25/2019	11:21	28.21	0.954
7/25/2019	11:22	27.76	0.655
7/25/2019	11:23	27.59	0.69
7/25/2019	11:24	27.37	1.124
7/25/2019	11:25	27.48	0.81
7/25/2019	11:26	27.66	0.909
7/25/2019	11:27	27.87	0.649
7/25/2019	11:28	28.15	0.633
7/25/2019	11:29	28.42	0.881
7/25/2019	11:30	28.62	0.584
7/25/2019	11:31	28.7	0.829
7/25/2019	11:32	28.66	0.826
7/25/2019	11:33	28.8	0.784
7/25/2019	11:34	28.87	0.948
7/25/2019	11:35	28.83	1.039
7/25/2019	11:36	28.69	0.926
7/25/2019	11:37	28.75	0.546
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7/25/2019	11:39	28.69	0.673
7/25/2019	11:40	28.6	0.597
7/25/2019	11:41	28.56	0.48
7/25/2019	11:42	28.51	0.569
7/25/2019	11:43	28.57	0.842
7/25/2019	11:44	28.68	0.916
7/25/2019	11:45	28.86	0.737
7/25/2019	11:46	28.95	1.083
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7/25/2019	11:49	28.5	0.75
7/25/2019	11:50	28.33	0.767
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7/25/2019	11:52	27.86	0.675
7/25/2019	11:53	27.79	0.857

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182.7	135.5123672	28.92
182.5	135.4983288	28.84
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202.6	145.7762909	29.02
6.929	136.1988346	28.87
218.6	171.184873	28.64
170.7	137.6205085	28.58
173.7	136.5220169	28.84
183.9	135.6313781	29.1
192.1	138.0751192	29.4
184.2	135.6704665	29.54
143.2	171.184873	29.49
143.1	171.416365	29.25
132.9	190.1039947	28.93
115.8	155.7529709	28.33
132.8	189.8060036	28.07
142.6	172.5912057	27.79
212.9	159.7144084	27.87
216.8	167.2080708	28.07
212	158.1813694	28.33
157.4	147.6953406	28.68
157.1	148.034394	29.04
172.7	136.8445673	29.32
128.5	178.312062	29.46
147.2	162.8040494	29.39
159.1	145.8778326	29.53
161.4	143.6871825	29.64
152	154.712722	29.64
159.6	145.3759529	29.5
158.9	146.0826775	29.57
142.5	172.8296935	29.67
166.3	139.9650888	29.56
164.3	141.3360215	29.44
156.4	148.8475437	29.46
139.4	180.8458047	29.47
157.9	147.1426245	29.49
178.6	135.5547035	29.56
184.5	135.7132992	29.71
191	137.577514	29.76
172.3	136.9857152	29.72
162.9	142.4158267	29.58
196	140.2893212	29.29
184.9	135.7762441	29.04
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226	191.884056	28.38
213.5	160.7752562	28.21

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1.184	173.8
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0.996	150.9
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0.781	182.4
0.348	355.5
0.753	209.8
1.073	172.5
1.045	176.3
1.209	184.3
1.228	176.7
1.489	177.2
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1.205	130.8
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1.221	193.2
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0.737	149.4
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0.831	156.9
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1.116	140.3
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1.247	157.2
1.402	138.7
1.333	152.9
0.847	155.5
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0.802	151.6
0.611	148.6
0.815	136.7
1.153	155.4
1.34	162
1.447	169.9
1.503	179
1.353	161
1.202	156.5
1.169	185.1
1.088	183
0.891	206.4
0.912	219.4
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143.4232201	28.01
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135.6843278	28.24
135.8102214	28.49
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194.2803784	27.33
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148.2635581	28.58
168.6422867	28.61
178.3888034	28.53
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147.9207527	28.65
182.8356637	28.6
153.4015168	28.38
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194.2803784	28.65
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150.0639356	28.45
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144.0468045	28.74
148.729472	28.48
135.8102214	28.2
135.5365272	28
150.0639356	27.7
173.0693692	27.52
165.5509953	27.51

1.649	189.5	136.9857152	27.69	1.905	182.1	135.475212
0.864	200.8	144.0468045	27.33	1.107	193.5	138.7879636
0.778	174	136.4336422	27.34	1.029	169.5	138.1714606
0.867	195.8	140.1581671	27.32	0.955	187.3	136.2949008
1.258	182.2	135.4803714	27.23	1.565	172.7	136.8445673
1.102	178.5	135.564413	27.24	1.233	172.4	136.949775
0.943	152.3	154.2689366	27.33	1.201	148.2	160.955157
0.809	119.3	160.6036824	27.35	0.784	115.9	155.8794948
0.86	196.6	140.6945686	27.41	0.907	183.3	135.564413
0.449	34.21	162.0720736	27.39	0.504	33.37	160.5427158
0.899	212.6	159.1957351	27.23	0.999	201.2	144.4152874
1.289	175	136.1668004	27.28	1.502	168	138.952495
1.263	180.8	135.4457063	27.57	1.443	173.1	136.7103661
1.384	184.8	135.759882	27.7	1.688	184.6	135.7284098
1.392	183.1	135.5454083	27.92	1.673	177	135.759882
1.763	184.9	135.7762441	28.03	2.063	178.7	135.5454083
1.596	138.2	184.3010071	27.82	1.756	136.2	190.5537426
1.349	137.2	187.3466876	27.62	1.632	128.1	177.3628294
1.584	128.8	179.0364331	27.4	1.967	124.6	169.810806
1.037	112.5	151.9449052	27.03	1.007	109.5	149.0604651
1.205	135.9	191.5488631	26.91	1.517	127.8	176.6631365
1.564	141.4	175.5328989	26.74	1.905	138.7	182.8356637
1.359	201.3	144.5088047	26.91	1.59	195.5	139.9650888
1.445	216.7	166.9973396	27.07	1.643	208.1	152.2858181
1.12	208.1	152.2858181	27.28	1.423	197.4	141.262737
0.934	158.3	146.7114396	27.59	1.063	152.1	154.5640391
1.289	146	165.1468514	27.92	1.539	141.6	175.0303206
0.899	167	139.5314724	28.13	1.022	158.8	146.1859844
1.266	124.6	169.810806	28.15	1.548	120.4	162.3184643
1.343	144.1	169.1522337	28.04	1.648	136.4	189.898934
1.18	157.5	147.5835656	28.13	1.445	149.2	159.1957351
1.305	165.1	140.7638403	28.11	1.623	158.8	146.1859844
1.639	147	163.184934	28.05	1.952	139.6	180.290119
1.615	156.6	148.6120398	27.83	1.814	151.1	156.0853794
0.947	159.8	145.1792559	27.89	1.145	153.6	152.4227699
0.894	138.3	184.0049395	28.08	0.937	136	191.2154206
1.03	160.3	144.6975271	27.93	1.471	155	150.5689831
0.846	154.8	150.8255466	27.7	1.045	147.9	161.5002424
0.667	151.9	154.8621634	27.7	0.762	141.7	174.7809062
0.92	142.1	173.7955882	27.78	1.036	139.9	179.4670474
1.355	159.9	145.0817692	27.91	1.619	156.6	148.6120398
1.461	171.8	137.171973	28	1.716	161.1	143.9560723
1.38	174.5	136.2949008	28.25	1.856	168.6	138.6276173
1.749	185.3	135.8458714	28.24	2.034	178.5	135.564413
1.472	171	137.4928614	28.17	1.696	163.8	141.7100752
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1.261	194	139.0645196	27.6	1.588	182	135.4704656
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1.152	211.4	157.1969778	27.17	1.362	203.9	147.1426245
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1.163	217.7	169.1522337	27.06	1.445	207.8	151.8792052

27.44	2.234	189.4	136.949775	135.9997519	Yes
27.18	1.246	199.2	142.6604859	142.5085628	Yes
27.21	1.082	176.3	135.8831963	136.5710207	Yes
27.18	1.067	198.1	141.786421	137.7316736	Yes
27.11	1.841	180.2	135.4556091	136.082359	Yes
27.14	1.405	178.5	135.564413	135.9739283	Yes
27.21	1.242	155.7	149.6921424	158.1445606	Yes
27.26	0.898	124.2	169.0279442	154.3418994	Yes
27.37	1.005	196.4	140.557513	139.3818006	Yes
27.36	0.551	45.78	191.1489412	148.7157289	Yes
27.2	1.146	207.7	151.7450728	157.3771544	Yes
27.26	1.734	175.8	135.9838512	137.4135187	Yes
27.47	1.709	180.4	135.4506575	136.1403214	Yes
27.58	1.893	189.7	137.0589052	135.7009994	Yes
27.76	1.725	181.6	135.4556091	136.2976577	Yes
27.87	2.507	186	135.9838512	135.6801322	Yes
27.56	2.253	144.9	167.4198452	184.3137608	Yes
27.36	1.889	139.4	180.8458047	180.0694063	Yes
27.15	2.121	129.1	179.7716623	178.1207181	Yes
26.84	1.216	118.8	159.8555038	151.4547016	Yes
26.75	1.778	134.5	195.0846305	188.0745954	Yes
26.57	2.086	150	157.8499471	179.8127927	Yes
26.79	1.81	202	145.1792559	145.7039798	Yes
26.96	1.815	214.1	161.8681603	161.2518376	Yes
27.19	1.517	200	143.3363204	149.2272951	Yes
27.51	1.232	153.3	152.8379067	151.9562633	Yes
27.8	1.678	149.6	158.5161218	164.5640066	Yes
28.04	1.092	170.2	137.8421902	142.7063955	Yes
27.99	1.749	126.9	174.6252563	169.7709048	Yes
27.83	1.822	145	167.2080708	175.0610051	Yes
27.85	1.516	157.9	147.1426245	153.0494473	Yes
27.81	1.874	168.9	138.471433	144.63944	Yes
27.71	2.254	151	156.2417902	170.2558597	Yes
27.48	2.093	161.4	143.6871825	150.8687222	Yes
27.6	1.173	154	151.8792052	148.4060115	Yes
27.85	1.137	145.1	166.9973396	185.582608	Yes
27.62	1.6	162.7	142.5784051	146.4183285	Yes
27.34	1.175	157.7	147.3618674	152.2442201	Yes
27.38	0.74	150.5	157.0357721	159.6828733	Yes
27.55	1.182	151.9	154.8621634	180.7594632	Yes
27.66	1.822	163.3	142.096964	147.7250923	Yes
27.76	1.952	169.1	138.3696112	139.9617231	Yes
28.07	2.129	176.5	135.8458714	137.1541024	Yes
28.08	2.426	185.3	135.8458714	136.1269513	Yes
27.97	2.043	173.2	136.6778973	140.0588641	Yes
27.71	1.839	172.5	136.9142707	144.0753096	Yes
27.5	1.758	190.9	137.5349652	137.6586319	Yes
27.41	1.69	189.8	137.0961561	135.7070488	Yes
27.13	1.546	209.6	154.4161117	154.5904074	Yes
26.97	1.409	217	167.6326681	177.4220979	Yes
27.04	1.619	213.9	161.5002424	161.8394226	Yes

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1.046	168.4	138.734051	28.26	1.171	166.8	139.6529623
1.355	199.2	142.6604859	28.37	1.624	194.3	139.23608
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1.483	163.2	142.1758963	27.96	1.71	157.7	147.3618674
1.243	158.3	146.7114396	28.16	1.412	154.2	151.6116385
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1.568	160	144.9848547	27.96	1.849	156.2	149.0856146
1.31	164.6	141.1176841	27.78	1.713	157.7	147.3618674
1.402	137	187.9748679	27.5	1.699	132	187.4756675
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1.596	154.7	150.9548471	27.32	1.746	152.9	153.4015168
1.644	170.3	137.796957	27.56	2.105	159.9	145.0817692
1.529	162	143.1641434	27.54	1.608	158.6	146.3943767
1.285	164.9	140.9038772	27.47	1.454	159.3	145.6753339
1.374	170.4	137.7521729	27.43	1.595	162.2	142.9941199
0.922	167.6	139.1784222	27.47	0.865	163.1	142.25535
0.981	162.9	142.4158267	27.74	0.953	157.6	147.4724086
0.973	151.9	154.8621634	28.02	0.981	149.3	159.0245589
0.944	187.3	136.2949008	28.31	1.004	183.8	135.6191797
0.777	214.5	162.6150149	28.34	0.935	201.7	144.8885107
0.788	182.7	135.5123672	28.48	0.845	166.6	139.7763685
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0.375	347.3	139.3528135	28.92	0.324	344.2	141.4098131
0.463	78.15	144.8463755	29.07	0.502	74.46	147.2967892
0.858	210.9	156.3989918	29.07	1.185	204.9	148.2635581
1.534	216.3	166.1647422	28.48	1.771	208.7	153.1182603
1.61	205.8	149.3262707	27.72	1.941	202.7	145.8778326
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1.088	196.2	140.4224336	27.53	1.371	189.7	137.0589052
1.88	189.6	137.0220917	27.63	2.389	180.5	135.4488008
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1.044	181.8	135.4622116	28.01	1.352	177.4	135.6986053
1.236	215.6	164.7466785	28.08	1.528	205.9	149.4475739
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0.966	208.9	153.4015168	28.35	1.083	197.8	141.5589225
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27.12	1.333	209.7	154.5640391	149.6124712	Yes
27.28	1.051	218.4	170.7253164	173.8327634	Yes
27.59	1.24	190.1	137.21054	135.6966142	Yes
27.96	1.19	196.9	140.9038772	137.7132168	Yes
28.19	1.441	173.8	136.4921301	138.2871915	Yes
28.2	1.921	200	143.3363204	142.0695218	Yes
28.08	0.903	202.9	146.0826775	155.0445456	Yes
28.28	1.647	172.4	136.949775	137.338321	Yes
28.35	1.873	164.8	140.9746448	142.9385319	Yes
28.38	1.401	177.2	135.7284098	135.9125323	Yes
28.31	1.713	162.4	142.8262379	147.4876442	Yes
28.2	1.956	176.6	135.8278372	137.1602776	Yes
28.13	1.708	164.6	141.1176841	140.9931082	Yes
27.87	2.12	166	140.1581671	144.5840681	Yes
27.72	2.067	166.7	139.7144254	144.4158679	Yes
27.96	1.716	162.1	143.0788632	148.7283191	Yes
27.78	2.148	149	159.540656	175.3131642	Yes
27.75	1.822	159.3	145.6753339	158.3123914	Yes
27.74	2.221	167.2	139.411891	144.7844036	Yes
27.52	1.907	163.5	141.9406579	142.5206635	Yes
27.25	1.848	139.3	181.1257634	182.5635631	Yes
27.09	2.347	153	153.2595242	162.8302828	Yes
27.14	2.162	156	149.3262707	153.0434981	Yes
27.34	2.416	170.3	137.796957	140.5099116	Yes
27.31	2.053	166.1	140.0933217	144.0309446	Yes
27.28	1.898	168	138.952495	142.4404095	Yes
27.25	1.949	173.6	136.5523328	139.4586895	Yes
27.36	1.114	179	135.5200067	142.6225465	Yes
27.69	1.176	166.9	139.5919783	142.4946278	Yes
27.98	1.236	157.7	147.3618674	151.2107852	Yes
28.25	1.238	189.7	137.0589052	136.8931715	Yes
28.24	1.077	214	161.6837458	152.1985468	Yes
28.42	1.003	174	136.4336422	139.4641921	Yes
28.49	1.112	165.8	140.2893212	141.5199857	Yes
28.68	0.766	232.8	179.5253688	150.9121801	Yes
29.01	0.337	339.1	145.8778326	141.1844798	Yes
29.26	0.515	88	141.4559546	148.973835	Yes
29.2	1.303	208.3	152.5604335	158.6081239	Yes
28.52	2.056	213.9	161.5002424	159.3711634	Yes
27.71	2.123	208.9	153.4015168	147.7183218	Yes
27.42	1.369	214.1	161.8681603	148.5623003	Yes
27.37	1.115	196.2	140.4224336	140.2885372	Yes
27.54	1.57	196.5	140.6257933	141.5698486	Yes
27.63	2.742	187.2	136.2684311	138.2086538	Yes
27.73	1.713	171.9	137.1338452	140.7122494	Yes
27.96	1.321	186.3	136.0492916	135.6827301	Yes
27.99	1.693	212.3	158.684756	158.1894384	Yes
27.98	0.866	205.5	148.9662571	143.8067607	Yes
28.28	1.093	189.7	137.0589052	137.2318215	Yes
28.34	1.223	206.2	149.8154124	149.7490927	Yes
28.54	0.917	185.5	135.8831963	149.8094337	Yes

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7/25/2019	12:59	27.96	0.394
7/25/2019	13:00	27.92	0.484
7/25/2019	13:01	27.85	0.763
7/25/2019	13:02	27.71	0.833
7/25/2019	13:03	27.52	0.968
7/25/2019	13:04	27.37	1.114
7/25/2019	13:05	27.26	1.176
7/25/2019	13:06	27.25	1.088
7/25/2019	13:07	27.36	0.973
7/25/2019	13:08	27.51	0.872
7/25/2019	13:09	27.67	0.687
7/25/2019	13:10	27.84	0.535
7/25/2019	13:11	27.97	0.414
7/25/2019	13:12	28.13	0.593
7/25/2019	13:13	28.22	0.712
7/25/2019	13:14	28.09	0.932
7/25/2019	13:15	27.95	0.937
7/25/2019	13:16	27.84	0.723
7/25/2019	13:17	27.86	0.497
7/25/2019	13:18	27.9	0.496
7/25/2019	13:19	28.03	0.623
7/25/2019	13:20	28.14	0.682
7/25/2019	13:21	28.18	0.532
7/25/2019	13:22	28.21	0.561
7/25/2019	13:23	28.25	0.811
7/25/2019	13:24	28.18	0.975
7/25/2019	13:25	28.08	0.68
7/25/2019	13:26	28.14	0.661
7/25/2019	13:27	28.16	0.492
7/25/2019	13:28	28.04	0.453
7/25/2019	13:29	28.02	0.27
7/25/2019	13:30	28.14	0.927
7/25/2019	13:31	28.24	0.919
7/25/2019	13:32	28.23	0.827
7/25/2019	13:33	28.05	0.795
7/25/2019	13:34	27.81	0.485
7/25/2019	13:35	27.8	0.209

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192.7	138.3696112	29.54
175	136.1668004	29.65
174.8	136.2167669	29.81
171.5	137.2889944	29.91
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176.5	135.8458714	29.36
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131.6	186.3453391	29.1
82.1	142.9576428	28.74
96	141.8363207	28.49
139.6	180.290119	28.42
150	157.8499471	28.38
140.8	177.0711342	28.26
148.8	159.8890273	28.04
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144.6	168.0614801	27.75
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158	147.0339187	28.31
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202	145.1792559	28.39
185.3	135.8458714	28.54
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138.3	184.0049395	28.83
149.3	159.0245589	28.89
190.5	137.3692134	28.91
197.4	141.262737	28.72
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175.7	136.0052434	28.64
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0.995	142
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1.179	142.7
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0.843	172.1
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0.19	105.9

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146.2584353	27.81

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0.769	234.6	175.2945059	28.38	0.887	228.4	191.6169031
0.883	228.5	191.3112307	28.27	1.059	221.6	178.6563324
0.798	184	135.6439919	28.31	1.02	184.1	135.6570213
1.174	172.2	137.0220917	28.44	1.437	168.6	138.6276173
1.251	168.9	138.471433	28.49	1.582	158.3	146.7114396
1.466	163.9	141.6342428	28.39	1.751	157.5	147.5835656
1.56	156	149.3262707	28.04	1.957	149.9	158.0152438
1.008	163.4	142.0185516	27.75	1.321	154.5	151.2154981
0.762	157.2	147.9207527	27.86	0.949	148.4	160.5962459
1.266	144.7	167.8465446	27.78	1.326	139.7	180.0143756
0.889	136.1	190.8837175	27.72	1.096	134	193.4841124
0.988	85.2	141.9767943	27.57	1.08	84	142.3054699
0.542	102.9	144.4309631	27.5	0.599	94.8	141.6027124
0.657	139.7	180.0143756	27.54	0.774	138.2	184.3010071
1.225	146.6	163.9580918	27.47	1.439	135.6	192.5597384
1.341	143	171.6490075	27.31	1.432	137.4	186.7249594
1.492	140.5	177.8577632	27.15	1.69	131	184.6919171
1.485	139.6	180.290119	27.05	1.925	132.8	189.8060036
1.867	148	161.3176459	26.96	2.074	142.4	173.0693692
1.643	142.1	173.7955882	26.96	1.988	134.7	195.6900033
1.612	145.2	166.7876462	27.11	1.833	138.3	184.0049395
1.346	150.4	157.1969778	27.23	1.546	143.7	170.0444603
1.057	185.5	135.8831963	27.39	1.168	179.9	135.4661321
0.779	190.4	137.328883	27.55	0.844	186.9	136.1915717
0.642	129.8	181.5304128	27.71	0.768	122.2	165.3383346
0.757	127	174.8472386	27.92	0.786	133.3	191.3112307
1.064	147.9	161.5002424	28.02	1.228	140.9	176.811543
1.303	122.7	166.2266321	27.82	1.552	119.8	161.3712442
1.366	154.4	151.3468538	27.62	1.595	149.4	158.8542338
1.24	153.1	153.1182603	27.44	1.536	145.1	166.9973396
0.723	172.8	136.810367	27.47	0.767	163.7	141.786421
0.757	196.1	140.355632	27.58	0.698	175.7	136.0052434
0.946	183.4	135.5745369	27.76	1.131	174.6	136.2684311
1.093	163.6	141.8632814	27.84	1.239	152.9	153.4015168
0.758	138.6	183.1257514	27.9	0.923	138.4	183.7103804
0.766	150.5	157.0357721	28.02	0.826	147.7	161.8681603
1.22	193.5	138.7879636	28.01	1.466	179.1	135.5123672
1.6	197.3	141.1899582	27.72	1.999	188.5	136.6458601
1.099	199.6	142.9941199	27.51	1.315	190.6	137.4099861
1.149	178.2	135.5960285	27.6	1.223	173.2	136.6778973
0.826	161.8	143.3363204	27.73	0.828	152.3	154.2689366
0.743	108.3	148.0494963	27.68	0.841	100.3	143.1976347
0.465	140.3	178.3888034	27.76	0.511	126.7	174.1845669
1.316	126.7	174.1845669	27.94	1.668	121	163.294883
1.355	127.9	176.8952147	27.99	1.615	122.5	165.8686538
1.439	121.4	163.9624173	27.97	1.731	117.7	158.2758734
1.295	125.1	170.8114111	27.77	1.397	119.8	161.3712442
0.874	106.7	146.8220309	27.54	1.007	103.9	144.9909076
0.243	89.9	141.2963201	27.58	0.258	93.4	141.4093904

28.66	1.739	189	136.810367	136.2476713	Yes
28.34	1.715	197.4	141.262737	139.7512761	Yes
28.33	1.081	234.8	174.8472386	182.1503369	Yes
28.18	1.1	226	191.884056	181.1743207	Yes
28.28	1.062	194.2	139.1784222	136.4472882	Yes
28.43	1.501	176.3	135.8831963	137.7344363	Yes
28.4	1.847	166.4	139.9016992	141.2057149	Yes
28.24	1.948	166.3	139.9650888	143.5786346	Yes
27.8	2.332	157.5	147.5835656	150.6273578	Yes
27.56	1.485	157.5	147.5835656	143.1040604	Yes
27.73	1.041	154.9	150.6969261	150.0509164	Yes
27.67	1.589	147.8	161.6837458	171.7850828	Yes
27.63	1.307	142.5	172.8296935	188.0300782	Yes
27.5	1.329	89.9	141.2963201	142.8218618	Yes
27.45	0.803	98.6	142.5602372	143.0226158	Yes
27.53	0.914	155	150.5689831	180.3542612	Yes
27.41	1.678	145.2	166.7876462	172.2251275	Yes
27.26	1.844	146.2	164.7466785	177.3712953	Yes
27.11	2.063	140.4	178.1226162	178.9203167	Yes
27.01	2.134	140.6	177.5942369	189.1993265	Yes
26.92	2.63	150.7	156.7157803	163.1828021	Yes
26.93	2.315	143.6	170.2702897	179.7054382	Yes
27.07	2.266	146.8	163.5696028	172.8019914	Yes
27.17	1.792	153.6	152.4227699	163.7187116	Yes
27.37	1.248	189.3	136.9142707	136.1316905	Yes
27.59	0.889	190.6	137.4099861	136.54964	Yes
27.76	0.807	130.4	183.0874794	177.0209156	Yes
28	0.889	135.2	193.9326112	174.7872077	Yes
28.06	1.38	149.3	159.0245589	164.7916028	Yes
27.79	1.73	127.8	176.6631365	163.9081728	Yes
27.58	1.92	157.6	147.4724086	152.9917849	Yes
27.37	1.74	150.9	156.3989918	155.8871276	Yes
27.43	0.984	166.9	139.5919783	138.7836578	Yes
27.6	0.837	182	135.4704656	143.0272786	Yes
27.82	1.324	179.2	135.5051412	135.7923027	Yes
27.86	1.338	164.9	140.9038772	147.7429115	Yes
27.9	1.055	141.1	176.2962446	181.656787	Yes
28.04	1.048	156.2	149.0856146	158.2352144	Yes
28.03	1.763	190	137.171973	137.0949776	Yes
27.75	2.316	195	139.6529623	139.212682	Yes
27.62	1.356	192.9	138.471433	143.1540313	Yes
27.72	1.483	182.4	135.4919297	136.0503419	Yes
27.82	1.026	161	144.0468045	147.8206907	Yes
27.76	0.816	109.1	148.7146909	144.1410945	Yes
27.89	0.558	132.6	189.2145397	181.4366474	Yes
28.03	1.807	128.3	177.8350956	168.6028548	Yes
28.01	1.751	129.4	180.5179243	176.1778325	Yes
27.94	1.876	124.6	169.810806	163.8886149	Yes
27.73	1.561	129.5	180.7691609	167.0823198	Yes
27.55	1.068	112.1	151.529758	146.0266781	Yes
27.64	0.287	85.3	141.9522815	143.1612233	Yes

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14.69
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7.16
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4.824
10.71
7.69
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19.29
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15.01

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7/25/2019	13:38	28.39	0.503
7/25/2019	13:39	28.55	0.746
7/25/2019	13:40	28.67	0.991
7/25/2019	13:41	28.79	1.045
7/25/2019	13:42	28.92	1.197
7/25/2019	13:43	28.99	0.963
7/25/2019	13:44	29.01	0.843
7/25/2019	13:45	29	1.1
7/25/2019	13:46	28.99	0.699
7/25/2019	13:47	28.97	0.577
7/25/2019	13:48	28.95	0.613
7/25/2019	13:49	28.85	0.638
7/25/2019	13:50	28.68	1.147
7/25/2019	13:51	28.48	0.807
7/25/2019	13:52	28.25	0.594
7/25/2019	13:53	28.02	0.628
7/25/2019	13:54	27.93	0.624
7/25/2019	13:55	28.09	0.407
7/25/2019	13:56	28.33	0.657
7/25/2019	13:57	28.55	0.736
7/25/2019	13:58	28.67	0.747
7/25/2019	13:59	28.51	0.99
7/25/2019	14:00	28.28	1.138
7/25/2019	14:01	28.08	0.794
7/25/2019	14:02	27.99	0.825
7/25/2019	14:03	27.86	0.771
7/25/2019	14:04	27.75	0.607
7/25/2019	14:05	27.74	0.595
7/25/2019	14:06	27.79	0.335
7/25/2019	14:07	27.86	0.317
7/25/2019	14:08	28.06	0.229
7/25/2019	14:09	28.29	0.607
7/25/2019	14:10	28.46	0.644
7/25/2019	14:11	28.44	0.507
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7/25/2019	14:14	27.89	0.824
7/25/2019	14:15	27.82	0.843
7/25/2019	14:16	27.85	0.806
7/25/2019	14:17	27.93	0.619
7/25/2019	14:18	28.1	0.857
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7/25/2019	14:24	28.82	0.907
7/25/2019	14:25	28.86	0.852
7/25/2019	14:26	28.95	0.824

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159.7	145.2773166	29.35
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0.86	142.2
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1.421	169.9
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1.151	169.4
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1.447	133.9
1.072	124.4
0.945	106.8
1	104.5
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0.554	95.9
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0.622	144.5
0.606	116.6
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1.312	115.4
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1.06	156.2
1.025	188.1
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1.315	205.1
1.282	178.1
1.43	156.5
1.4	135.4
1.113	158.1
0.994	156.9
1.073	139.1
1.002	152.1
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155.3150699	28.81
138.2203136	28.74
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147.2519401	28.67
135.8278372	28.67
158.2758734	28.63
176.5532489	28.46
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162.8040494	27.82
147.8077356	28.04
135.6704665	28.32
135.4622116	28.48
194.4394783	28.58
173.9658487	28.44
193.1689136	28.14
169.4174385	27.93
146.8948028	27.87
145.3502763	27.78
143.4985715	27.68
141.8144468	27.68
142.7702052	27.77
141.6552183	27.89
148.6296284	28.2
140.0933217	28.45
168.2774801	28.63
156.7843776	28.58
158.8542338	28.57
155.2536405	28.15
195.6900033	27.89
149.0856146	27.79
136.5220169	27.82
142.25535	27.91
148.4952449	28.03
135.6073966	28.19
148.729472	28.38
193.2425592	28.32
146.9258206	28.39
148.2635581	28.67
181.6899539	28.8
154.5640391	28.8
148.4952449	28.91

0.168	17.35	141.2262844	27.86	0.19	63.62	158.9541087
0.479	134.6	195.4097096	28.15	0.754	133.5	191.9241395
0.913	136	191.2154206	28.42	1.183	134.8	195.3347893
1.15	148.1	161.1359522	28.42	1.352	139.9	179.4670474
1.732	160.4	144.6028841	28.35	2.279	153.5	152.5604335
1.564	165.6	140.4224336	28.37	1.764	163.1	142.25535
1.876	176.6	135.8278372	28.44	2.54	167.9	139.008273
1.635	178.2	135.5960285	28.38	2.048	170.7	137.6205085
1.322	155.4	150.0639356	28.38	1.731	149.7	158.3483275
1.597	177.1	135.7439374	28.29	1.82	166.2	140.0289626
1.014	216	165.5509953	28.2	1.118	203.6	146.8183282
0.815	205.3	148.729472	28.25	0.907	200.6	143.8658923
1.144	180.1	135.458704	28.28	1.305	167.4	139.2942101
0.908	122.4	165.6909983	28.28	1.149	116.6	156.7843776
1.8	146.6	163.9580918	28.11	2.248	138.5	183.4173207
1.16	143.4	170.7253164	27.85	1.466	134.8	195.3347893
0.852	129.1	179.7716623	27.7	0.965	123.9	168.4508857
1.155	125.9	172.4646859	27.57	1.386	119.5	160.9083592
0.92	157.2	147.9207527	27.53	1.034	143.8	169.8197457
0.819	158.7	146.2898835	27.76	1.108	151.6	155.3150699
1.064	183.6	135.5960285	28.08	1.21	183.4	135.5745369
1.433	179.7	135.475212	28.22	1.704	170.5	137.7078372
1.351	139.8	179.7400211	28.31	1.578	135.4	193.2425592
1.598	131.9	187.1909456	28.16	1.956	125.3	171.2186266
1.729	143.4	170.7253164	27.86	2.12	135.2	193.9326112
1.24	129.5	180.7691609	27.66	1.614	123.4	167.507983
1.268	109.8	149.3256382	27.6	1.471	107.4	147.3423991
1.241	108.9	148.5451154	27.53	1.579	104.8	145.5366244
1.046	106.4	146.6068237	27.45	1.314	102.3	144.1180804
0.812	100.2	143.1564895	27.47	0.908	95.8	141.7930115
0.556	103.1	144.539086	27.56	0.604	100.9	143.4541915
0.32	117.7	158.2758734	27.69	0.358	105.3	145.8571712
0.322	284.6	145.4118964	28.02	0.403	280.1	143.1158038
0.855	197.4	141.262737	28.3	0.903	182.5	135.4983288
0.865	153.4	152.6988115	28.48	0.952	143.9	169.5961403
0.766	126.1	172.8883094	28.38	0.913	117.9	158.5564148
1.33	157.1	148.034394	28.34	1.677	144	169.3736382
1.614	120.7	162.802978	27.91	1.961	116.4	156.5223835
1.482	139.4	180.8458047	27.66	1.803	133.6	192.2329492
1.361	159.7	145.2773166	27.55	1.602	154.3	151.4788997
1.232	192.2	138.1230627	27.58	1.433	188.3	136.5830783
1.043	201.1	144.3223303	27.68	1.264	205.3	148.729472
1.499	210.8	156.2417902	27.8	1.848	202.6	145.7762909
1.565	185.5	135.8831963	27.93	1.836	178.9	135.52806
1.726	160.6	144.4152874	28.11	2.042	152.3	154.2689366
1.781	141.9	174.2857928	28.04	2.119	134.5	195.0846305
1.2	161.1	143.9560723	28.09	1.641	151.2	155.9297559
1.189	158.4	146.6051528	28.37	1.455	151.1	156.0853794
1.319	144.5	168.2774801	28.48	1.632	137.1	187.6599662
1.242	159.4	145.5749597	28.44	1.52	153	153.2595242
1.317	157.7	147.3618674	28.55	1.548	154	151.8792052

27.95	0.202	14.39	139.2883758	145.7735694	Yes
28.27	0.636	119.6	161.0618684	193.1244862	Yes
28.51	1.244	141.9	174.2857928	186.2278534	Yes
28.43	1.505	147.5	162.2397397	166.1810732	Yes
28.28	2.579	163.9	141.6342428	147.972052	Yes
28.24	2.247	168.8	138.5230334	141.5276923	Yes
28.29	2.781	175.4	136.0719483	137.4909028	Yes
28.27	2.306	177.6	135.6704665	136.7239336	Yes
28.27	1.821	159.6	145.3759529	153.8015582	Yes
28.15	2.057	174.4	136.3217962	137.478853	Yes
28.2	1.213	210.8	156.2417902	158.6474402	Yes
28.27	1.141	199.1	142.5784051	152.1948064	Yes
28.34	1.374	170.7	137.6205085	136.5090901	Yes
28.34	1.288	121.1	163.4605101	159.3184082	Yes
28.04	2.631	148.9	159.7144084	170.7383051	Yes
27.74	1.603	143.3	170.9545255	178.3629813	Yes
27.64	1.148	137.5	186.4164902	178.5509262	Yes
27.52	1.529	131.3	185.5124012	163.6285994	Yes
27.5	1.165	155.6	149.8154124	155.7807382	Yes
27.76	1.139	156.5	148.729472	148.5038933	Yes
28.09	1.532	192.5	138.2696225	135.9937193	Yes
28.21	1.978	174.1	136.4050401	136.347132	Yes
28.24	1.834	143.6	170.2702897	186.9280444	Yes
28.04	2.226	134.7	195.6900033	179.5410185	Yes
27.74	2.43	143.3	170.9545255	179.9237504	Yes
27.57	1.754	130.5	183.3515534	177.7946737	Yes
27.55	1.715	116.6	156.7843776	148.2670163	Yes
27.48	1.835	114.5	154.1690811	147.5892579	Yes
27.4	1.547	111.8	151.2247092	144.677065	Yes
27.44	1.048	106.9	146.9680947	142.1392398	Yes
27.59	0.698	111.6	151.0243214	144.5455801	Yes
27.77	0.38	152.6	153.8318952	146.8280423	Yes
28.16	0.345	237.6	169.0279442	145.1979581	Yes
28.46	0.985	182.5	135.4983288	146.8379068	Yes
28.6	1.081	152.5	153.9768314	163.2968617	Yes
28.45	0.879	121.2	163.6269725	169.2875378	Yes
28.38	1.902	153.4	152.6988115	155.5862359	Yes
27.88	2.182	121.6	164.3012465	160.9503029	Yes
27.63	2.072	144.3	168.7126952	187.9011052	Yes
27.5	1.837	164.6	141.1176841	148.1650398	Yes
27.58	1.608	196.2	140.4224336	137.7983117	Yes
27.7	1.401	207.9	152.0140384	144.7044537	Yes
27.81	1.988	207.4	151.3468538	154.0160803	Yes
27.93	2.171	189.1	136.8445673	136.001092	Yes
28.09	2.403	160.1	144.8885107	148.5312839	Yes
27.94	2.377	143	171.6490075	183.9808054	Yes
28.02	1.726	156.9	148.2635581	147.9491259	Yes
28.29	1.66	155.6	149.8154124	149.3109934	Yes
28.35	1.857	144.8	167.6326681	175.2030836	Yes
28.31	1.641	166.8	139.6529623	148.4552392	Yes
28.45	1.853	156.4	148.8475437	149.235484	Yes

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7/25/2019	14:28	28.52	0.928
7/25/2019	14:29	28.28	0.75
7/25/2019	14:30	28.38	0.643
7/25/2019	14:31	28.56	0.872
7/25/2019	14:32	28.6	1.218
7/25/2019	14:33	28.67	1.098
7/25/2019	14:34	28.62	0.993
7/25/2019	14:35	28.68	0.769
7/25/2019	14:36	28.82	0.847
7/25/2019	14:37	28.93	0.536
7/25/2019	14:38	29.11	0.644
7/25/2019	14:39	29.33	0.745
7/25/2019	14:40	29.49	1.052
7/25/2019	14:41	29.56	0.686
7/25/2019	14:42	29.48	0.785
7/25/2019	14:43	29.45	0.714
7/25/2019	14:44	29.51	0.983
7/25/2019	14:45	29.32	1.241
7/25/2019	14:46	29.15	1.068
7/25/2019	14:47	29.02	0.979
7/25/2019	14:48	28.93	1.038
7/25/2019	14:49	28.88	0.865
7/25/2019	14:50	28.85	0.942
7/25/2019	14:51	28.62	0.76
7/25/2019	14:52	28.46	0.468
7/25/2019	14:53	28.37	0.723
7/25/2019	14:54	28.2	0.777
7/25/2019	14:55	28	0.914
7/25/2019	14:56	27.84	0.999
7/25/2019	14:57	27.81	1.034
7/25/2019	14:58	27.64	0.857
7/25/2019	14:59	27.54	0.827
7/25/2019	15:00	27.57	0.852
7/25/2019	15:01	27.6	0.952
7/25/2019	15:02	27.58	0.705
7/25/2019	15:03	27.64	0.985
7/25/2019	15:04	27.85	1.153
7/25/2019	15:05	28.02	0.981
7/25/2019	15:06	28.2	0.987
7/25/2019	15:07	28.41	0.787
7/25/2019	15:08	28.63	0.907
7/25/2019	15:09	28.83	0.794
7/25/2019	15:10	28.97	0.638
7/25/2019	15:11	29.1	0.728
7/25/2019	15:12	29.2	0.664
7/25/2019	15:13	29.19	0.787
7/25/2019	15:14	29.21	0.537
7/25/2019	15:15	29.14	0.802
7/25/2019	15:16	29.08	1.003
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166	140.1581671	29.26
147.1	162.994021	29.22
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160.9	144.1380905	29.48
158.2	146.8183282	29.67
189.9	137.1338452	29.88
207	150.8255466	30.08
169.1	138.3696112	30.18
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143.8	169.8197457	30.19
135.2	193.9326112	30.16
126.3	173.3161361	30.23
123	166.7703272	29.92
127.5	175.9737479	29.65
118.7	159.7081601	29.45
93.1	141.3790081	29.31
105	145.663343	29.24
129.3	180.2679334	29.22
119.9	161.5271173	28.99
105.7	146.1226545	28.8
110.3	149.7788447	28.73
120.6	162.6406568	28.58
126.6	173.9658487	28.36
122.3	165.5142265	28.17
134.6	195.4097096	28.13
125.1	170.8114111	27.95
124.3	169.2222095	27.85
144.3	168.7126952	27.91
136.8	188.6095808	27.98
147.4	162.4269132	27.99
148.5	160.4181218	28.09
150.4	157.1969778	28.33
143.3	170.9545255	28.52
142.5	172.8296935	28.72
145.8	165.5509953	28.96
141	176.5532489	29.2
155	150.5689831	29.44
134.5	195.0846305	29.65
147.3	162.6150149	29.79
158.3	146.7114396	29.94
116.1	156.1345891	29.91
120.2	161.9995159	29.88
137	187.9748679	29.79
141.8	174.5327325	29.69
143.6	170.2702897	29.44

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0.803	159.9
1.185	151.4
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1.116	143.5
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0.995	157.4
0.69	149.2
0.956	173.8
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0.826	135.9
1.136	122.6
1.537	110.1
1.321	114
1.208	113.8
1.003	94.9
1.13	103
1.143	123.5
1.18	110.5
0.602	100.4
0.847	109.2
0.832	117.7
1.16	118.5
1.254	122.3
1.524	122.8
1.014	117.9
0.891	118.8
0.89	141.4
1.247	132.6
0.979	141.6
1.122	153.8
1.357	146.5
1.106	141.2
1.049	138.9
1.031	141.2
1.007	142.4
1.028	146.3
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0.881	133.4
0.699	148.1
0.863	106.4
0.723	134.8
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1.241	133.2
1.211	138.2

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149.9641021	28.48
143.23924	28.33
148.8003043	28.26
158.2758734	28.11
159.4157407	27.9
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158.5564148	27.59
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193.1689136	29.14
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1.558	157.6	147.4724086	28.49	1.745	153.7	152.2858181
1.453	136.2	190.5537426	28.15	1.851	130.9	184.4211537
1.327	144.5	168.2774801	27.89	1.717	135.5	192.9002508
0.97	153.3	152.8379067	28.08	1.13	150.6	156.8753741
1.428	153.4	152.6988115	28.3	1.753	148.3	160.7752562
1.613	150	157.8499471	28.29	2.052	145.9	165.3484246
1.633	164	141.5589225	28.31	1.802	152.8	153.5442409
1.542	148	161.3176459	28.2	1.776	141.7	174.7809062
1.294	162.8	142.4968525	28.27	1.6	154.3	151.4788997
1.378	162.3	142.9099119	28.37	1.462	154.5	151.2154981
0.938	153.5	152.5604335	28.52	1.006	146.4	164.3504379
1.14	182.6	135.5051412	28.72	1.326	170.6	137.6639493
1.353	195	139.6529623	28.89	1.67	187.8	136.4336422
1.685	172.2	137.0220917	28.91	1.981	162.2	142.9941199
1.19	133.2	191.0071128	28.89	1.67	125.2	171.014516
1.243	144.5	168.2774801	28.81	1.252	140.1	178.9252109
1.176	136.4	189.898934	28.84	1.36	130.8	184.1517432
1.421	126.5	173.7482078	28.91	1.745	120.4	162.3184643
1.881	118.1	158.8398912	28.76	2.323	112.2	151.6326395
1.64	123.3	167.3221929	28.66	1.93	117	157.3167727
1.504	116.2	156.2631643	28.53	1.811	110.3	149.7788447
1.473	101.6	143.7746389	28.47	1.593	98.1	142.397648
1.456	111.9	151.3257947	28.49	1.683	106.9	146.9680947
1.576	126.4	173.5316387	28.47	1.78	122.1	165.1633188
1.378	115.5	155.3774631	28.24	1.74	110.3	149.7788447
0.831	105.9	146.2584353	28.08	1.075	98.9	142.6631883
1.091	115.8	155.7529709	28.01	1.403	109.5	149.0604651
1.235	121.6	164.3012465	27.88	1.381	115.1	154.8861795
1.481	121.6	164.3012465	27.69	1.767	115.2	155.008001
1.468	124.9	170.4081994	27.57	1.845	118.2	158.9827372
1.786	129	179.5253688	27.57	2.21	124.6	169.810806
1.381	123.8	168.2604307	27.44	1.69	117.8	158.4157786
1.17	121.4	163.9624173	27.39	1.425	115.5	155.3774631
1.162	145.6	165.9591491	27.45	1.39	134.5	195.0846305
1.436	138.8	182.5470487	27.48	1.92	130.6	183.6169505
1.129	145.4	166.3713526	27.46	1.47	136.9	188.2914027
1.351	155.5	149.9393426	27.52	1.534	146.8	163.5696028
1.621	149.9	158.0152438	27.73	2.037	140.9	176.811543
1.506	144.7	167.8465446	27.83	1.7	137.2	187.3466876
1.432	140.5	177.8577632	28.02	1.583	134.8	195.3347893
1.377	147.1	162.994021	28.2	1.47	141.5	175.2809825
1.345	145.6	165.9591491	28.4	1.553	139.7	180.0143756
1.267	150.1	157.6854758	28.6	1.486	143.5	170.4972397
1.11	135.9	191.5488631	28.67	1.446	124.7	170.0089535
1.08	145.7	165.7545685	28.76	1.31	134.5	195.0846305
1.021	152.7	153.6876994	28.8	1.064	144.6	168.0614801
1.058	111.6	151.0243214	28.85	1.322	104.1	145.1087319
0.832	135.2	193.9326112	28.89	1.086	132.3	188.3385084
1.387	136.5	189.5740787	28.79	1.71	130.7	183.8836779
1.387	139.5	180.5672593	28.69	1.799	130.9	184.4211537
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28.36	2.123	160.5	144.5088047	150.0223969	Yes
28.03	2.001	137.7	185.8042924	182.5060996	Yes
27.79	1.888	146.2	164.7466785	182.0448071	Yes
28.01	1.396	156.9	148.2635581	151.770217	Yes
28.19	1.946	158	147.0339187	153.7431895	Yes
28.14	2.332	154.9	150.6969261	160.5049499	Yes
28.14	2.27	162.4	142.8262379	145.7391678	Yes
28.02	2.099	152.6	153.8318952	167.3974532	Yes
28.11	1.714	163.9	141.6342428	144.3839254	Yes
28.2	1.821	163.2	142.1758963	146.4897103	Yes
28.32	1.287	159.6	145.3759529	155.7312337	Yes
28.58	1.424	179.3	135.4983288	136.6987665	Yes
28.78	2.045	193.2	138.6276173	141.1117791	Yes
28.78	2.384	170.9	137.5349652	139.7874158	Yes
28.73	1.764	134.7	195.6900033	181.1727215	Yes
28.68	1.523	152.6	153.8318952	178.1080366	Yes
28.73	1.604	140.2	178.6563324	189.8830379	Yes
28.73	2.003	127.7	176.4322033	168.8575013	Yes
28.55	2.611	121.3	163.7942737	156.7096807	Yes
28.47	2.172	126.5	173.7482078	163.5505197	Yes
28.34	2.213	117.7	158.2758734	154.7780325	Yes
28.29	1.857	108.1	147.8886214	142.2927684	Yes
28.35	2.041	115.1	154.8861795	147.1105042	Yes
28.32	2.173	130.9	184.4211537	171.6643972	Yes
28.09	1.895	119.1	160.3021067	154.1618818	Yes
27.96	1.247	108.5	148.2125295	144.5708796	Yes
27.91	1.639	118.7	159.7081601	150.8481463	Yes
27.78	1.789	125.1	170.8114111	160.025989	Yes
27.59	2.058	123.8	168.2604307	163.1727092	Yes
27.5	2.138	127	174.8472386	165.1048474	Yes
27.5	2.572	132.8	189.8060036	177.7882118	Yes
27.39	1.96	127.6	176.202409	164.0110088	Yes
27.37	1.691	123.9	168.4508857	162.1043984	Yes
27.43	1.678	146	165.1468514	176.3223434	Yes
27.46	2.088	140.2	178.6563324	185.9970299	Yes
27.44	1.69	146.6	163.9580918	173.0299973	Yes
27.5	1.899	155.8	149.5695304	156.5191606	Yes
27.68	2.446	150.7	156.7157803	164.0443863	Yes
27.75	2.093	146.3	164.548069	175.5470701	Yes
27.93	1.924	145	167.2080708	182.070536	Yes
28.11	1.904	149.7	158.3483275	169.9666304	Yes
28.29	1.879	147.8	161.6837458	173.8990357	Yes
28.47	1.642	150	157.8499471	160.8249419	Yes
28.53	1.517	132.6	189.2145397	184.4160242	Yes
28.62	1.428	144.6	168.0614801	178.7677792	Yes
28.65	1.321	152.5	153.9768314	157.3991428	Yes
28.7	1.535	116.7	156.9164217	149.7186165	Yes
28.79	1.262	143	171.6490075	184.9013562	Yes
28.67	1.838	141.2	176.0405229	188.6503845	Yes
28.54	1.951	139.2	181.4071437	182.6320646	Yes
28.23	2.117	144.1	169.1522337	180.1526132	Yes

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7/25/2019	15:25	27.78	1.029
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7/25/2019	15:28	27.85	0.915
7/25/2019	15:29	27.87	0.748
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7/25/2019	15:31	27.8	0.684
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7/25/2019	15:33	27.85	0.385
7/25/2019	15:34	27.81	0.326
7/25/2019	15:35	27.79	0.473
7/25/2019	15:36	27.71	0.668
7/25/2019	15:37	27.56	0.968
7/25/2019	15:38	27.34	1.043
7/25/2019	15:39	27.22	0.737
7/25/2019	15:40	27.17	0.836
7/25/2019	15:41	27.11	0.738
7/25/2019	15:42	27.1	0.778
7/25/2019	15:43	27.07	0.953
7/25/2019	15:44	27.05	0.899
7/25/2019	15:45	27.07	0.771
7/25/2019	15:46	27.12	0.798
7/25/2019	15:47	27.17	0.712
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7/25/2019	15:56	28.08	0.822
7/25/2019	15:57	28.18	0.755
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7/25/2019	15:59	28.29	0.898
7/25/2019	16:00	28.43	0.847
7/25/2019	16:01	28.58	0.85
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7/25/2019	16:03	28.63	0.796
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7/25/2019	16:05	28.87	0.687
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114.1	153.7040237	28.33
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156	149.3262707	28.4
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127.6	176.202409	28.42
128.5	178.312062	28.39
143.4	170.7253164	28.28
123.7	168.0709172	28.07
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123.8	168.2604307	29.32
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182.5470487	27.42
184.6919171	27.49
177.3320297	27.54
177.3320297	27.65
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1.1	136	191.2154206	27.83	1.312	128	177.1284437
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1.652	133.6	192.2329492	27.81	1.989	126.7	174.1845669
1.303	122.7	166.2266321	27.65	1.692	118.5	159.4157407
1.517	124.8	170.2080831	27.55	1.782	117.3	157.7235069
1.165	130	182.0442679	27.55	1.433	122.1	165.1633188
1.073	132.5	188.9210494	27.62	1.484	124.1	168.8346381
1.248	138.1	184.5985921	27.68	1.509	127.2	175.2945059
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0.529	127.8	176.6631365	27.75	0.708	114.9	154.6445213
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1.049	138.1	184.5985921	27.63	1.268	130.2	182.5632711
1.325	121.7	164.4719393	27.5	1.643	116.4	156.5223835
1.506	128.5	178.312062	27.32	1.805	122	164.9891752
1.096	143.6	170.2702897	27.17	1.381	132.2	188.0494405
1.256	138.2	184.3010071	27.12	1.556	129	179.5253688
1.264	141.5	175.2809825	27.07	1.687	132.2	188.0494405
1.096	133.7	192.5433417	27.06	1.455	127.7	176.4322033
1.339	131.1	184.9640411	27.07	1.528	124.8	170.2080831
1.346	136.1	190.8837175	27.07	1.647	128.1	177.3628294
1.191	147.3	162.6150149	27.1	1.602	136.7	188.9294126
1.136	138	184.8977039	27.15	1.477	129	179.5253688
1.095	146.3	164.548069	27.21	1.32	135.1	194.2803784
1.081	141.6	175.0303206	27.3	1.395	134.1	193.8009328
1.31	140.6	177.5942369	27.36	1.734	130.2	182.5632711
0.902	146.3	164.548069	27.39	1.268	135.2	193.9326112
1.025	145.7	165.7545685	27.47	1.236	134.4	194.7612235
0.951	148.2	160.955157	27.59	1.282	133.4	191.6169031
0.932	142.7	172.3538995	27.71	1.226	128.8	179.0364331
1.123	149.6	158.5161218	27.8	1.484	138.3	184.0049395
1.114	135.8	191.884056	27.88	1.355	128.9	179.2802945
1.136	144.3	168.7126952	27.96	1.478	134.2	194.1193848
1.262	148.7	160.0645165	27.99	1.559	138.9	182.2598979
1.469	142.3	173.3102392	28.03	1.761	134	193.4841124
1.424	142.9	171.8828066	28.05	1.817	135.5	192.9002508
1.323	153.9	152.0140384	28.18	1.644	149.8	158.1813694
1.342	145	167.2080708	28.33	1.725	136.7	188.9294126
1.355	129.5	180.7691609	28.35	1.588	119.2	160.4525084
1.252	130.6	183.6169505	28.34	1.655	121	163.294883
1.157	126.3	173.3161361	28.38	1.479	120.7	162.802978
1.152	140	179.1954466	28.59	1.691	129.6	181.0216499
1.452	127.1	175.0703199	28.52	1.784	122.8	166.4069628
1.487	130.1	182.3031224	28.53	1.917	121.8	164.6434892
1.457	123.9	168.4508857	28.48	1.777	115.1	154.8861795

28.05	1.781	147.2	162.8040494	171.1273187	Yes
27.9	2.087	130.6	183.6169505	173.8156644	Yes
27.75	2.025	142.2	173.55231	179.3697296	Yes
27.71	1.593	138.1	184.5985921	184.4108264	Yes
27.79	1.539	146.7	163.7633675	168.4036646	Yes
27.71	2.353	133.6	192.2329492	181.3188845	Yes
27.58	1.966	127.3	175.5198021	165.5060796	Yes
27.5	1.979	128	177.1284437	164.788456	Yes
27.51	1.665	132.9	190.1039947	177.2155578	Yes
27.58	1.658	134.5	195.0846305	179.6981954	Yes
27.63	1.744	137.9	185.1983516	183.1976493	Yes
27.66	1.447	143.5	170.4972397	169.2467376	Yes
27.69	1.379	126.5	173.7482078	155.436002	Yes
27.71	1.596	155	150.5689831	159.4026955	Yes
27.68	1.24	153.2	152.9777221	150.5085459	Yes
27.7	1.023	127.8	176.6631365	173.6574047	Yes
27.74	0.787	126.3	173.3161361	172.3885837	Yes
27.74	1.351	139.7	180.0143756	182.2791669	Yes
27.62	1.593	139.8	179.7400211	181.8653146	Yes
27.49	1.914	126.8	174.4043676	162.7266224	Yes
27.32	2.03	132.2	188.0494405	174.6437213	Yes
27.19	1.496	141.3	175.7860767	177.6815937	Yes
27.14	1.81	138.2	184.3010071	181.0069989	Yes
27.09	1.982	141.9	174.2857928	178.8938381	Yes
27.09	1.682	134.8	195.3347893	187.7978156	Yes
27.1	1.864	133.8	192.8553266	173.0076831	Yes
27.1	1.965	137.9	185.1983516	186.1017372	Yes
27.14	1.846	146.9	163.3767931	169.647657	Yes
27.18	1.671	138.4	183.7103804	185.2471949	Yes
27.24	1.578	144.9	167.4198452	180.8135508	Yes
27.33	1.526	142.4	173.0693692	183.0560267	Yes
27.39	1.869	138.3	184.0049395	183.0490282	Yes
27.42	1.335	142.6	172.5912057	173.6243665	Yes
27.48	1.414	144.4	168.49455	181.2986273	Yes
27.59	1.475	143.7	170.0444603	172.1468468	Yes
27.69	1.434	138.2	184.3010071	179.9452563	Yes
27.79	1.57	146.6	163.9580918	163.3662663	Yes
27.86	1.598	138.1	184.5985921	184.4478332	Yes
27.9	1.754	143.1	171.416365	173.15596	Yes
27.89	1.879	146.9	163.3767931	166.5642688	Yes
27.92	2.124	143.9	169.5961403	178.721457	Yes
27.93	2.108	144.1	169.1522337	179.1927387	Yes
28.06	1.85	156.6	148.6120398	153.6688638	Yes
28.21	1.999	145	167.2080708	176.1495085	Yes
28.23	1.875	132.1	187.7618297	169.5318061	Yes
28.24	1.833	130.5	183.3515534	170.8244195	Yes
28.31	1.568	131.7	186.6257896	166.4376972	Yes
28.55	1.752	139	181.9742025	179.6543459	Yes
28.46	1.974	130.1	182.3031224	166.7306391	Yes
28.45	2.145	130.4	183.0874794	171.9410005	Yes
28.37	1.996	124.2	169.0279442	160.3545753	Yes

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7/25/2019	16:16	28.95	0.818
7/25/2019	16:17	28.85	1.253
7/25/2019	16:18	28.84	0.812
7/25/2019	16:19	28.91	0.831
7/25/2019	16:20	28.93	0.787
7/25/2019	16:21	28.97	0.628
7/25/2019	16:22	29	0.638
7/25/2019	16:23	28.99	0.503
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7/25/2019	16:25	28.87	0.784
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7/25/2019	16:28	28.57	0.838
7/25/2019	16:29	28.49	0.841
7/25/2019	16:30	28.35	0.87
7/25/2019	16:31	28.31	0.623
7/25/2019	16:32	28.33	0.847
7/25/2019	16:33	28.35	0.67
7/25/2019	16:34	28.29	0.698
7/25/2019	16:35	28.23	0.5
7/25/2019	16:36	28.21	0.858
7/25/2019	16:37	28.26	0.745
7/25/2019	16:38	28.33	0.462
7/25/2019	16:39	28.38	0.704
7/25/2019	16:40	28.28	0.782
7/25/2019	16:41	28.2	0.656
7/25/2019	16:42	28.14	0.861
7/25/2019	16:43	28.06	0.876
7/25/2019	16:44	28.01	0.541
7/25/2019	16:45	28.03	0.795
7/25/2019	16:46	28.07	1.116
7/25/2019	16:47	28.2	0.849
7/25/2019	16:48	28.34	0.946
7/25/2019	16:49	28.47	0.65
7/25/2019	16:50	28.64	0.505
7/25/2019	16:51	28.76	0.567
7/25/2019	16:52	28.79	0.567
7/25/2019	16:53	28.82	0.668
7/25/2019	16:54	28.8	0.721
7/25/2019	16:55	28.78	0.903
7/25/2019	16:56	28.71	1.007
7/25/2019	16:57	28.68	0.643
7/25/2019	16:58	28.57	0.751
7/25/2019	16:59	28.54	0.779

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149.7	158.3483275	29.47
137.1	187.6599662	29.66
136.3	190.2254851	29.79
149.6	158.5161218	29.86
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133.5	191.9241395	29.64
141.9	174.2857928	29.71
141.9	174.2857928	29.56
124.3	169.2222095	29.53
155.8	149.5695304	29.65
141.4	175.5328989	29.73
122.9	166.5881931	29.81
130.9	184.4211537	29.87
128.5	178.312062	29.9
127.5	175.9737479	29.84
144.7	167.8465446	29.68
140.5	177.8577632	29.57
139.9	179.4670474	29.42
151.2	155.9297559	29.33
136	191.2154206	29.29
143	171.6490075	29.14
154.5	151.2154981	29.11
164.2	141.4098131	29.18
132.8	189.8060036	29.22
133.2	191.0071128	29.1
131.3	185.5124012	29
145.4	166.3713526	28.95
166.6	139.7763685	29.02
164.2	141.4098131	29.16
134.5	195.0846305	29.29
122	164.9891752	29.14
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119.2	160.4525084	28.85
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114.7	154.4054945	28.6
117.5	157.9982448	28.6
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125.4	171.4237479	29.18
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122.9	166.5881931	29.36
126.5	173.7482078	29.38
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143.4	170.7253164	29.22
147.4	162.4269132	29.21
152.6	153.8318952	29.11
149.7	158.3483275	29.09

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1.459	129
0.943	122.6
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0.83	123.4
1.23	129
1.569	138.7
1.425	136
1.434	135.5
1.286	140.9
1.25	133.1
1.22	134
1.162	154.2
1.329	154
1.075	134.3
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1.002	141.8
1.202	155.6
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0.986	129.8
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1.277	126.5
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1.062	131.3
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0.71	119.7
0.837	122.8
0.995	120.7
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1.207	152.7

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180.5179243	28.55
185.5124012	28.68
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161.2161624	29.04
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176.0405229	28.79
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153.6876994	28.61

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1.303	150.8	156.5569873	28.46	1.474	137.6	186.1096044
0.993	137.2	187.3466876	28.59	1.314	127.7	176.4322033
1.207	144.6	168.0614801	28.7	1.567	133	190.403504
1.41	154.7	150.9548471	28.68	1.641	145.6	165.9591491
1.626	131.4	185.7886529	28.61	1.869	124	168.6422867
1.179	134.2	194.1193848	28.49	1.433	129.3	180.2679334
1.371	133.4	191.6169031	28.56	1.896	120.3	162.1585863
1.665	136.4	189.898934	28.47	2.053	127.7	176.4322033
1.27	126.2	173.1016948	28.46	1.515	120.8	162.9661204
1.456	149.6	158.5161218	28.56	1.804	140.6	177.5942369
1.289	138.3	184.0049395	28.52	1.541	128.6	178.5523232
1.025	128.2	177.5983781	28.67	1.192	120.3	162.1585863
1.279	133	190.403504	28.73	1.642	125.6	171.8370419
0.929	132.9	190.1039947	28.75	1.187	129	179.5253688
1.526	128.7	178.7937782	28.74	1.81	120.9	163.1300876
1.559	140	179.1954466	28.61	2.167	133	190.403504
1.717	138.8	182.5470487	28.48	2.204	131.3	185.5124012
1.62	138.9	182.2598979	28.35	1.975	131	184.6919171
1.441	147.6	162.0534901	28.25	1.873	136.4	189.898934
1.496	139.8	179.7400211	28.18	1.76	130	182.0442679
1.363	140.6	177.5942369	28.1	1.732	130.9	184.4211537
1.1	153.6	152.4227699	28.05	1.47	141.7	174.7809062
1.403	155.2	150.3151193	28.07	1.863	144.4	168.49455
1.066	131.5	186.0662962	28.12	1.539	124.3	169.2222095
1.231	131.6	186.3453391	28.1	1.582	120.7	162.802978
0.801	130.4	183.0874794	28.08	1.115	121.6	164.3012465
1.265	144	169.3736382	28.08	1.383	134.2	194.1193848
1.344	160.7	144.3223303	28.13	1.568	147.6	162.0534901
0.949	160.1	144.8885107	28.17	1.292	144.5	168.2774801
1.152	133	190.403504	28.23	1.443	121.3	163.7942737
1.272	115.4	155.2536405	28.19	1.608	107.7	147.5733027
1.089	117.7	158.2758734	28.16	1.629	111.2	150.6306288
1.33	119.2	160.4525084	28.1	1.58	109.9	149.4151502
1.537	131.6	186.3453391	28	1.975	122.7	166.2266321
0.969	111.4	150.8262993	27.97	1.31	104.9	145.5997344
1.142	110.3	149.7788447	28	1.489	104	145.0495749
1.715	114.7	154.4054945	28.02	2.111	109.7	149.2366877
1.41	118.8	159.8555038	28.19	1.62	111.9	151.3257947
1.445	133.3	191.3112307	28.3	1.832	125.8	172.2544374
1.075	134.8	195.3347893	28.4	1.57	127.6	176.202409
0.915	123.3	167.3221929	28.56	1.136	116.2	156.2631643
1.056	126.4	173.5316387	28.68	1.385	118.1	158.8398912
0.912	123	166.7703272	28.68	1.202	114.4	154.0518489
1.023	125.2	171.014516	28.69	1.279	115.4	155.2536405
1.242	124.9	170.4081994	28.64	1.492	117.4	157.8605159
1.382	129.1	179.7716623	28.62	1.66	123.2	167.137323
1.629	143.8	169.8197457	28.44	2.036	134.7	195.6900033
1.205	146.8	163.5696028	28.39	1.533	136.4	189.898934
1.448	156.7	148.4952449	28.29	1.896	146.2	164.7466785
1.369	154.7	150.9548471	28.24	1.609	144.5	168.2774801

28.31	1.895	141.5	175.2809825	187.3834881	Yes
28.36	1.674	146	165.1468514	169.327791	Yes
28.52	1.446	137.9	185.1983516	184.3068775	Yes
28.63	1.777	143	171.6490075	181.4404008	Yes
28.57	2.089	154.7	150.9548471	157.10196	Yes
28.46	2.092	132.3	188.3385084	175.382968	Yes
28.43	1.559	137.8	185.5005447	185.4578149	Yes
28.5	1.991	129.7	181.2753983	175.131492	Yes
28.4	2.349	136.9	188.2914027	180.0355747	Yes
28.39	1.747	128.5	178.312062	167.8343055	Yes
28.51	2.016	148.2	160.955157	163.4893423	Yes
28.47	1.674	136.9	188.2914027	181.2494544	Yes
28.67	1.445	131.7	186.6257896	169.4422264	Yes
28.67	1.829	135	194.6299891	181.9842745	Yes
28.72	1.368	139.7	180.0143756	178.8623521	Yes
28.67	2.208	129.6	181.0216499	174.3557456	Yes
28.51	2.358	142.6	172.5912057	180.0702897	Yes
28.37	2.485	142	174.0400802	184.2831584	Yes
28.26	2.244	139.8	179.7400211	184.8297783	Yes
28.16	1.992	145	167.2080708	171.1734308	Yes
28.12	2.011	139.2	181.4071437	185.9260625	Yes
28.05	1.897	139.8	179.7400211	181.7871276	Yes
27.99	1.71	152.1	154.5640391	157.5077032	Yes
28	2.08	152.8	153.5442409	153.0246719	Yes
28.05	1.64	135.2	193.9326112	184.8834969	Yes
28.05	1.779	132	187.4756675	178.4759094	Yes
28.05	1.19	131.5	186.0662962	180.0230182	Yes
28.04	1.666	144.5	168.2774801	176.099277	Yes
28.05	1.9	161.4	143.6871825	148.9919003	Yes
28.07	1.458	156.2	149.0856146	151.8534277	Yes
28.15	1.616	130.4	183.0874794	182.7032052	Yes
28.14	1.777	116.1	156.1345891	155.4962999	Yes
28.14	1.637	120.7	162.802978	154.2213324	Yes
28.07	1.747	118.7	159.7081601	156.0060477	Yes
27.98	2.2	131.2	185.2375331	177.9581451	Yes
27.97	1.478	109.3	148.8864702	150.8804128	Yes
28	1.67	110.1	149.595865	149.7531897	Yes
28.01	2.357	118.7	159.7081601	153.0194308	Yes
28.18	1.909	122.2	165.3383346	157.6725422	Yes
28.26	2.002	132.8	189.8060036	182.85757	Yes
28.34	1.629	135.2	193.9326112	186.5660348	Yes
28.52	1.346	126.8	174.4043676	164.5347982	Yes
28.63	1.518	127.4	175.7462142	167.9634373	Yes
28.62	1.303	123.8	168.2604307	162.1566329	Yes
28.63	1.454	124.3	169.2222095	166.6058318	Yes
28.56	1.729	127.3	175.5198021	162.5855881	Yes
28.54	2.024	132.4	188.6290418	174.1452807	Yes
28.34	2.432	144.5	168.2774801	178.0688971	Yes
28.29	1.777	146.4	164.3504379	170.8288238	Yes
28.18	2.19	155.8	149.5695304	153.9508226	Yes
28.12	1.922	152.9	153.4015168	157.8170885	Yes

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5.969
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7/25/2019	17:06	27.13	0.787
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7/25/2019	17:09	26.83	0.489
7/25/2019	17:10	26.77	0.524
7/25/2019	17:11	26.71	0.509
7/25/2019	17:12	26.64	0.538
7/25/2019	17:13	26.58	0.532
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7/25/2019	17:16	26.55	0.667
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7/25/2019	17:18	26.64	0.578
7/25/2019	17:19	26.68	0.612
7/25/2019	17:20	26.73	0.66
7/25/2019	17:21	26.81	0.589
7/25/2019	17:22	26.87	0.54
7/25/2019	17:23	26.94	0.561
7/25/2019	17:24	27	0.542
7/25/2019	17:25	27.02	0.583
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7/25/2019	17:27	26.93	0.583
7/25/2019	17:28	26.86	0.513
7/25/2019	17:29	26.84	0.423
7/25/2019	17:30	26.87	0.41
7/25/2019	17:31	26.99	0.367
7/25/2019	17:32	27.14	0.459
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7/25/2019	17:35	27.39	0.437
7/25/2019	17:36	27.31	0.651
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7/25/2019	17:43	26.71	0.422
7/25/2019	17:44	26.61	0.503
7/25/2019	17:45	26.53	0.491
7/25/2019	17:46	26.45	0.431
7/25/2019	17:47	26.38	0.528
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7/25/2019	17:50	26.3	0.403

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141.7	174.7809062	27.34
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112	151.4274771	26.93
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112.7	152.156119	27.68
121.7	164.4719393	27.85
132.7	189.5095215	28.03
129.2	180.0191816	28.07
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0.599	113.9
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0.567	134.6
0.557	130.1
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0.673	131.3
0.427	131.6
0.559	132.5
0.591	127.3
0.553	130.5
0.514	130.6
0.455	124.8
0.493	128.3
0.548	130.5
0.387	127.5
0.558	127.8
0.486	126
0.485	130.1
0.429	129.9

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144.220467	26.93
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171.014516	27.08
164.8158999	27.05
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151.6326395	27.39
183.8836779	27.53
195.4097096	27.65
182.3031224	27.66
154.1690811	27.56
185.5124012	27.44
186.3453391	27.36
188.9210494	27.3
175.5198021	27.21
183.3515534	27.09
183.6169505	26.98
170.2080831	26.87
177.8350956	26.76
183.3515534	26.67
175.9737479	26.6
176.6631365	26.54
172.6759748	26.49
182.3031224	26.47
181.7867003	26.48

0.794	157.3	147.8077356	28.29	1.1	145	167.2080708
1.196	128.8	179.0364331	28.18	1.435	120.2	161.9995159
1.365	128	177.1284437	27.89	1.828	121	163.294883
1.337	136.2	190.5537426	27.68	1.686	127.5	175.9737479
1.404	124.7	170.0089535	27.53	1.727	117.4	157.8605159
1.265	126.5	173.7482078	27.33	1.823	120.7	162.802978
1.075	138.8	182.5470487	27.14	1.369	129.9	181.7867003
1.002	139.6	180.290119	27.01	1.354	130.7	183.8836779
0.542	135.6	192.5597384	26.93	0.873	125.2	171.014516
0.758	117.4	157.8605159	26.9	0.984	104.9	145.5997344
0.838	106.6	146.7497779	26.9	1.07	101.3	143.6345036
0.728	105.8	146.1902907	26.89	0.965	100.3	143.1976347
0.812	117.2	157.5872152	26.84	1.098	109.6	149.1482972
0.735	121.1	163.4605101	26.79	0.983	110.7	150.1516501
0.756	119.9	161.5271173	26.77	1.052	112.1	151.529758
0.909	124.2	169.0279442	26.75	1.101	114.4	154.0518489
0.934	114.7	154.4054945	26.74	1.068	109.5	149.0604651
0.971	121.3	163.7942737	26.81	1.213	114.4	154.0518489
0.922	130.4	183.0874794	26.84	1.204	122.6	166.0471971
0.988	136	191.2154206	26.84	1.316	127.1	175.0703199
0.846	144	169.3736382	26.84	1.133	131.1	184.9640411
0.956	130.2	182.5632711	26.89	1.145	122.4	165.6909983
0.783	132.6	189.2145397	26.96	1.045	123.4	167.507983
0.825	129.4	180.5179243	27.05	1.061	121.3	163.7942737
0.742	133.8	192.8553266	27.11	0.956	122.8	166.4069628
0.905	110.8	150.2462872	27.17	1.147	105.8	146.1902907
1.202	123.8	168.2604307	27.17	1.407	115.5	155.3774631
0.795	133.9	193.1689136	27.07	1.009	122.3	165.5142265
0.777	132.9	190.1039947	26.99	1.08	121.9	164.8158999
0.672	124.4	169.4174385	26.95	0.96	117.6	158.1366964
0.613	123.7	168.0709172	26.99	0.948	117.9	158.5564148
0.523	128.7	178.7937782	27.1	0.77	119.3	160.6036824
0.681	115.6	155.5019575	27.25	0.851	109.8	149.3256382
0.548	128	177.1284437	27.36	0.913	121.4	163.9624173
0.621	136.7	188.9294126	27.45	0.889	125.2	171.014516
0.648	129.7	181.2753983	27.46	0.878	119.3	160.6036824
0.956	120.1	161.8412498	27.39	1.225	112.5	151.9449052
0.762	133.2	191.0071128	27.28	1.081	125.1	170.8114111
0.603	129.9	181.7867003	27.21	0.797	118.4	159.2706591
0.691	135.9	191.5488631	27.13	0.935	123.3	167.3221929
0.796	133.8	192.8553266	27.06	1.012	122.8	166.4069628
0.59	135.5	192.9002508	26.96	0.916	125.3	171.2186266
0.637	135.7	192.2210107	26.86	0.849	124.5	169.6136358
0.653	130.2	182.5632711	26.76	0.791	118.8	159.8555038
0.741	132.6	189.2145397	26.67	0.845	123.5	167.6946976
0.673	139.6	180.290119	26.59	0.91	125.9	172.4646859
0.646	130.4	183.0874794	26.53	0.764	122.3	165.5142265
0.669	134.5	195.0846305	26.48	0.876	124.6	169.810806
0.665	135.3	193.5866754	26.44	0.831	124	168.6422867
0.571	133.8	192.8553266	26.41	0.796	121.8	164.6434892
0.586	137.2	187.3466876	26.41	0.798	124.4	169.4174385

28.19	1.188	153.8	152.1495751	152.456989	Yes
28.11	1.708	128.8	179.0364331	173.0288234	Yes
27.85	2.017	131.9	187.1909456	172.9926807	Yes
27.67	1.972	138.9	182.2598979	185.6930341	Yes
27.54	1.996	126.4	173.5316387	168.1471235	Yes
27.36	2.022	130	182.0442679	174.2025281	Yes
27.2	1.723	139.8	179.7400211	184.1575228	Yes
27.09	1.544	140.3	178.3888034	182.4596051	Yes
27.03	1.024	134.2	194.1193848	184.4568819	Yes
27	1.14	111.5	150.9250156	151.7611204	Yes
27.02	1.194	110.8	150.2462872	144.3818645	Yes
27	1.192	107.6	147.4958051	145.1625751	Yes
26.96	1.234	119.4	160.7556316	153.4564602	Yes
26.91	1.045	117.5	157.9982448	157.8081415	Yes
26.89	1.17	119.6	161.0618684	156.596931	Yes
26.85	1.29	124.6	169.810806	162.4908898	Yes
26.83	1.327	120.7	162.802978	150.859638	Yes
26.9	1.351	125.7	172.0452245	158.4871161	Yes
26.92	1.362	132.7	189.5095215	177.3735791	Yes
26.89	1.604	136.3	190.2254851	184.7773538	Yes
26.87	1.279	140.6	177.5942369	183.707829	Yes
26.91	1.344	134.1	193.8009328	175.0085189	Yes
26.99	1.285	134	193.4841124	176.4462183	Yes
27.07	1.209	131.1	184.9640411	171.1823377	Yes
27.15	1.185	132.9	190.1039947	179.7632833	Yes
27.22	1.318	117	157.3167727	147.5358588	Yes
27.22	1.609	124.6	169.810806	163.6085893	Yes
27.12	1.264	134.9	194.9814553	179.3659601	Yes
27.05	1.31	130.9	184.4211537	175.3635532	Yes
27.01	1.09	127.2	175.2945059	162.6964533	Yes
27.03	1.093	127.6	176.202409	163.3413164	Yes
27.14	0.906	131.6	186.3453391	176.7915385	Yes
27.28	1.053	118.6	159.5615734	152.1540885	Yes
27.39	1.03	130.1	182.3031224	172.3616195	Yes
27.47	0.956	130.9	184.4211537	186.2157899	Yes
27.49	1.002	127.2	175.2945059	176.0503462	Yes
27.41	1.296	122.6	166.0471971	156.5927537	Yes
27.32	1.24	135.7	192.2210107	184.8879839	Yes
27.25	1.028	123.9	168.4508857	174.4527245	Yes
27.18	1.11	135.6	192.5597384	180.3969234	Yes
27.11	1.222	132.1	187.7618297	181.9093545	Yes
27.02	0.986	133.6	192.2329492	184.423979	Yes
26.92	1.007	134.3	194.4394783	184.846052	Yes
26.83	1.004	129.3	180.2679334	174.3296938	Yes
26.75	1.139	133.4	191.6169031	180.9897182	Yes
26.65	1.115	136.2	190.5537426	180.4017257	Yes
26.6	0.989	131.3	185.5124012	176.5905385	Yes
26.54	1.09	134.9	194.9814553	181.427579	Yes
26.5	0.998	134.7	195.6900033	182.5786616	Yes
26.49	0.9	130.6	183.6169505	180.205897	Yes
26.49	0.928	133.4	191.6169031	181.0848698	Yes

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5.906
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4.091

7/25/2019	17:51	26.32	0.314
7/25/2019	17:52	26.34	0.34
7/25/2019	17:53	26.37	0.289
7/25/2019	17:54	26.4	0.272
7/25/2019	17:55	26.44	0.437
7/25/2019	17:56	26.48	0.381
7/25/2019	17:57	26.5	0.45
7/25/2019	17:58	26.54	0.399
7/25/2019	17:59	26.59	0.311
7/25/2019	18:00	26.6	0.39
7/25/2019	18:01	26.61	0.487
7/25/2019	18:02	26.61	0.472
7/25/2019	18:03	26.61	0.458
7/25/2019	18:04	26.58	0.455
7/25/2019	18:05	26.54	0.557
7/25/2019	18:06	26.48	0.404
7/25/2019	18:07	26.43	0.498
7/25/2019	18:08	26.37	0.319
7/25/2019	18:09	26.33	0.415
7/25/2019	18:10	26.3	0.542
7/25/2019	18:11	26.25	0.545
7/25/2019	18:12	26.21	0.449
7/25/2019	18:13	26.19	0.329
7/25/2019	18:14	26.17	0.458
7/25/2019	18:15	26.16	0.408
7/25/2019	18:16	26.16	0.46
7/25/2019	18:17	26.17	0.562
7/25/2019	18:18	26.21	0.466
7/25/2019	18:19	26.25	0.405
7/25/2019	18:20	26.26	0.446
7/25/2019	18:21	26.26	0.452
7/25/2019	18:22	26.24	0.445
7/25/2019	18:23	26.22	0.457
7/25/2019	18:24	26.21	0.322
7/25/2019	18:25	26.21	0.471
7/25/2019	18:26	26.19	0.492
7/25/2019	18:27	26.19	0.432
7/25/2019	18:28	26.21	0.459
7/25/2019	18:29	26.23	0.387
7/25/2019	18:30	26.27	0.217
7/25/2019	18:31	26.33	0.427
7/25/2019	18:32	26.37	0.541
7/25/2019	18:33	26.48	0.279
7/25/2019	18:34	26.65	0.372
7/25/2019	18:35	26.83	0.513
7/25/2019	18:36	26.96	0.536
7/25/2019	18:37	27.02	0.59
7/25/2019	18:38	27.09	0.571
7/25/2019	18:39	27.15	0.615
7/25/2019	18:40	27.25	0.504
7/25/2019	18:41	27.35	0.666

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117.5	157.9982448	26.79
118.1	158.8398912	26.83
128.6	178.5523232	26.89
121.4	163.9624173	26.94
128.9	179.2802945	26.97
131.8	186.9076557	27.01
139.3	181.1257634	27.07
140.8	177.0711342	27.09
140	179.1954466	27.09
136.7	188.9294126	27.1
147.3	162.6150149	27.1
139.2	181.4071437	27.05
142.1	173.7955882	26.99
135.3	193.5866754	26.91
128.4	178.0729882	26.83
123.8	168.2604307	26.75
129.3	180.2679334	26.71
128.3	177.8350956	26.65
120.3	162.1585863	26.58
122.6	166.0471971	26.52
125.8	172.2544374	26.5
122.7	166.2266321	26.48
140.4	178.1226162	26.48
138	184.8977039	26.49
130	182.0442679	26.49
126.8	174.4043676	26.54
124.1	168.8346381	26.62
118.8	159.8555038	26.64
113.4	152.9147416	26.63
120.3	162.1585863	26.59
120.3	162.1585863	26.56
118.4	159.2706591	26.55
128	177.1284437	26.54
123.9	168.4508857	26.53
128.8	179.0364331	26.53
114.3	153.9352634	26.57
121	163.294883	26.59
127	174.8472386	26.65
127.3	175.5198021	26.76
128.1	177.3628294	26.81
128.9	179.2802945	26.97
117.9	158.5564148	27.24
140	179.1954466	27.51
132.8	189.8060036	27.7
129.5	180.7691609	27.76
129.3	180.2679334	27.83
112.5	151.9449052	27.89
133.3	191.3112307	28.03
116.8	157.0491672	28.17

0.386	131.4
0.323	119.9
0.362	124.7
0.38	131.7
0.372	125.6
0.343	127.8
0.476	120.8
0.369	131.4
0.564	135.3
0.521	135.5
0.505	132.3
0.464	140.3
0.557	139.1
0.527	135.7
0.605	134.1
0.398	131.9
0.514	126.9
0.418	124
0.496	122.5
0.528	116.8
0.571	119.5
0.523	117.3
0.447	121.7
0.465	123.5
0.465	125.9
0.703	123.4
0.639	116.6
0.519	120.3
0.538	115.3
0.487	114.1
0.525	111.9
0.487	113.9
0.461	114.9
0.322	113.4
0.489	114.5
0.527	114.3
0.45	116.2
0.488	110.9
0.403	110.3
0.33	129.2
0.487	119.2
0.633	118.5
0.49	127.3
0.354	126.3
0.569	135.2
0.691	123.6
0.64	123.4
0.615	116.5
0.659	120.4
0.674	133.7
0.651	114.8

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161.5271173	26.53
170.0089535	26.57
186.6257896	26.61
171.8370419	26.66
176.6631365	26.71
162.9661204	26.74
185.7886529	26.79
193.5866754	26.82
192.9002508	26.83
188.3385084	26.82
178.3888034	26.83
181.6899539	26.82
192.2210107	26.78
193.8009328	26.73
187.1909456	26.66
174.6252563	26.61
168.6422867	26.54
165.8686538	26.49
157.0491672	26.45
160.9083592	26.4
157.7235069	26.36
164.4719393	26.33
167.6946976	26.31
172.4646859	26.3
167.507983	26.31
156.7843776	26.32
162.1585863	26.37
155.1304872	26.42
153.7040237	26.44
151.3257947	26.43
153.475345	26.4
154.6445213	26.37
152.9147416	26.37
154.1690811	26.36
153.9352634	26.35
156.2631643	26.34
150.341502	26.37
149.7788447	26.39
180.0191816	26.44
160.4525084	26.52
159.4157407	26.57
175.5198021	26.7
173.3161361	26.92
193.9326112	27.14
167.8823409	27.28
167.507983	27.33
156.6530324	27.39
162.3184643	27.44
192.5433417	27.54
154.5246801	27.65

0.425	137.1	187.6599662	26.42	0.637	122.2	165.3383346
0.422	128.3	177.8350956	26.44	0.584	117.9	158.5564148
0.388	126.2	173.1016948	26.48	0.547	116.8	157.0491672
0.353	133.5	191.9241395	26.52	0.605	121.4	163.9624173
0.588	130.9	184.4211537	26.56	0.693	116.3	156.3924283
0.492	129.6	181.0216499	26.61	0.628	116.7	156.9164217
0.582	131.2	185.2375331	26.64	0.737	118.8	159.8555038
0.534	142.1	173.7955882	26.68	0.678	130.7	183.8836779
0.487	145.7	165.7545685	26.71	0.802	126.4	173.5316387
0.559	144.6	168.0614801	26.71	0.819	127.9	176.8952147
0.713	142.7	172.3538995	26.71	0.773	129.7	181.2753983
0.624	145.7	165.7545685	26.71	0.709	131	184.6919171
0.63	147.2	162.8040494	26.7	0.839	133.7	192.5433417
0.742	143.6	170.2702897	26.66	0.867	130.9	184.4211537
0.813	142.6	172.5912057	26.63	0.941	127.9	176.8952147
0.521	139.3	181.1257634	26.57	0.686	125.7	172.0452245
0.724	132.6	189.2145397	26.51	0.869	122.3	165.5142265
0.51	130.4	183.0874794	26.45	0.694	120.1	161.8412498
0.57	130.9	184.4211537	26.4	0.86	117.6	158.1366964
0.68	125.2	171.014516	26.37	0.852	115.3	155.1304872
0.715	124.3	169.2222095	26.32	0.853	114.5	154.1690811
0.696	129.1	179.7716623	26.29	0.897	118.9	160.0036074
0.551	128	177.1284437	26.26	0.777	117.7	158.2758734
0.615	130	182.0442679	26.24	0.809	120	161.6837847
0.551	131.3	185.5124012	26.23	0.817	121	163.294883
0.703	129.7	181.2753983	26.23	1.05	120.1	161.8412498
0.783	124.5	169.6136358	26.24	0.961	114.4	154.0518489
0.617	126	172.6759748	26.29	0.902	115.5	155.3774631
0.606	123.3	167.3221929	26.33	0.924	115.1	154.8861795
0.617	120.6	162.6406568	26.35	0.821	111	150.437296
0.632	117.4	157.8605159	26.34	0.883	108.3	148.0494963
0.617	120	161.6837847	26.32	0.886	109.1	148.7146909
0.622	123.8	168.2604307	26.29	0.817	113.5	153.0256028
0.492	120.7	162.802978	26.28	0.614	112.2	151.6326395
0.65	122.4	165.6909983	26.27	0.875	113.5	153.0256028
0.657	123.4	167.507983	26.26	0.871	113.3	152.8045061
0.556	126.5	173.7482078	26.26	0.793	113.8	153.3619607
0.599	119.9	161.5271173	26.28	0.827	110.6	150.0575889
0.557	122	164.9891752	26.3	0.708	112.5	151.9449052
0.332	134.2	194.1193848	26.34	0.57	120.5	162.4791534
0.573	127.1	175.0703199	26.4	0.736	114.9	154.6445213
0.785	129.3	180.2679334	26.46	1.027	118.4	159.2706591
0.423	132.6	189.2145397	26.55	0.813	118.3	159.1263255
0.483	122.9	166.5881931	26.73	0.604	115.3	155.1304872
0.632	137.6	186.1096044	26.92	0.943	125.5	171.6298847
0.794	133.2	191.0071128	27.03	1.132	124.4	169.4174385
0.801	130.7	183.8836779	27.08	1.101	122.1	165.1633188
0.756	122.1	165.1633188	27.13	1.052	113	152.4775331
0.825	124.2	169.0279442	27.18	1.094	115.4	155.2536405
0.708	133.6	192.2329492	27.26	1.041	123.4	167.507983
0.717	117.7	158.2758734	27.35	1.075	110.7	150.1516501

26.5	0.671	126.4	173.5316387	182.2976144	Yes
26.52	0.619	124.3	169.2222095	168.9384308	Yes
26.55	0.633	125.7	172.0452245	164.5395151	Yes
26.58	0.564	128.3	177.8350956	175.3380594	Yes
26.63	0.847	127.1	175.0703199	172.8007368	Yes
26.67	0.789	129.8	181.5304128	169.6409064	Yes
26.7	0.861	128.7	178.7937782	171.834863	Yes
26.74	0.802	141.7	174.7809062	182.5938937	Yes
26.75	0.843	138.3	184.0049395	178.4996615	Yes
26.76	0.94	141.8	174.5327325	178.7320199	Yes
26.76	1.067	141.5	175.2809825	180.2908132	Yes
26.76	0.867	140.3	178.3888034	179.4411754	Yes
26.75	1.003	143.3	170.9545255	174.91309	Yes
26.72	1.221	142.5	172.8296935	182.0798994	Yes
26.69	1.145	139.5	180.5672593	179.2707353	Yes
26.63	0.834	133.7	192.5433417	183.4871522	Yes
26.57	1.086	131.9	187.1909456	176.8567527	Yes
26.51	0.76	123.7	168.0709172	170.4578617	Yes
26.46	0.889	126.7	174.1845669	172.1736093	Yes
26.42	1.008	123.8	168.2604307	165.2573165	Yes
26.37	1.051	126.3	173.3161361	161.614559	Yes
26.34	1.107	129.1	179.7716623	165.8864934	Yes
26.31	0.917	125.9	172.4646859	168.0326734	Yes
26.29	1.004	129.1	179.7716623	169.4123456	Yes
26.28	0.925	128.3	177.8350956	174.8486466	Yes
26.27	1.051	128.8	179.0364331	173.8805838	Yes
26.3	1.062	123.6	167.8823409	165.6235326	Yes
26.34	1.034	126.5	173.7482078	166.154098	Yes
26.39	0.969	124.9	170.4081994	161.5433744	Yes
26.41	0.962	119.5	160.9083592	156.6593701	Yes
26.4	0.996	115.4	155.2536405	152.5376371	Yes
26.38	0.994	119.2	160.4525084	156.5081017	Yes
26.36	0.991	123.2	167.137323	159.5222853	Yes
26.34	0.78	117.4	157.8605159	156.6552545	Yes
26.33	0.95	120.2	161.9995159	162.5035315	Yes
26.33	0.924	118.8	159.8555038	160.6746595	Yes
26.33	0.931	123	166.7703272	165.6024415	Yes
26.35	0.986	121.3	163.7942737	153.9653679	Yes
26.37	0.907	122.1	165.1633188	157.501952	Yes
26.42	0.583	124.4	169.4174385	177.8662396	Yes
26.47	0.935	125.8	172.2544374	166.4217879	Yes
26.53	1.08	125.3	171.2186266	169.0792907	Yes
26.64	0.86	127	174.8472386	175.7852405	Yes
26.84	0.721	126.5	173.7482078	163.3978078	Yes
27.06	1.052	134.6	195.4097096	182.7168867	Yes
27.15	1.25	133.3	191.3112307	179.528224	Yes
27.19	1.275	133.9	193.1689136	174.3310352	Yes
27.24	1.243	123.3	167.3221929	163.6404544	Yes
27.3	1.251	127	174.8472386	159.6362385	Yes
27.39	1.121	133.6	192.2329492	185.8988761	Yes
27.48	1.268	121.6	164.3012465	155.0003427	Yes

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7/25/2019	18:47	27.15	0.613
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7/25/2019	19:07	25.62	0.462
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7/25/2019	19:11	25.23	0.474
7/25/2019	19:12	25.14	0.466
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7/25/2019	19:14	25	0.48
7/25/2019	19:15	24.93	0.448
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134.5	195.0846305	25.49
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122.3	165.5142265	24.84
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0.657	129.8	181.5304128	27.43	1.028	120.4	162.3184643
0.873	120.6	162.6406568	27.43	1.188	112.6	152.0502072
0.781	131.9	187.1909456	27.36	1.141	121	163.294883
0.728	123.7	168.0709172	27.26	1.023	114	153.5893653
0.895	128.4	178.0729882	27.11	1.182	119.7	161.2161624
0.827	134.2	194.1193848	26.93	1.065	121.6	164.3012465
0.642	130.6	183.6169505	26.81	0.926	120.8	162.9661204
0.675	125.6	171.8370419	26.74	0.907	116.2	156.2631643
0.654	126.8	174.4043676	26.7	0.942	118	158.6977847
0.691	129.8	181.5304128	26.68	1.004	119	160.152474
0.843	130.9	184.4211537	26.63	1	121.2	163.6269725
0.914	134.5	195.0846305	26.57	1.074	124.5	169.6136358
0.844	139.1	181.6899539	26.53	1.033	127	174.8472386
0.838	141.1	176.2962446	26.52	1.108	128.4	178.0729882
0.722	136.5	189.5740787	26.51	0.95	125.1	170.8114111
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0.755	136	191.2154206	26.5	0.988	126.2	173.1016948
0.701	134	193.4841124	26.46	0.859	125.4	171.4237479
0.746	134.2	194.1193848	26.4	0.925	123.3	167.3221929
0.783	134.3	194.4394783	26.31	0.983	124	168.6422867
0.756	136.9	188.2914027	26.18	0.999	128.5	178.312062
0.715	139.1	181.6899539	26.03	0.908	126.7	174.1845669
0.806	135.6	192.5597384	25.9	0.948	126.4	173.5316387
0.746	133.5	191.9241395	25.76	1.052	123.2	167.137323
0.719	132.8	189.8060036	25.65	1.026	122.3	165.5142265
0.677	127.6	176.202409	25.55	1.031	119	160.152474
0.713	126.4	173.5316387	25.46	0.946	119.8	161.3712442
0.67	128.5	178.312062	25.38	0.876	119.4	160.7556316
0.692	127.5	175.9737479	25.3	0.954	120.1	161.8412498
0.714	125.6	171.8370419	25.23	0.838	119.1	160.3021067
0.695	130	182.0442679	25.16	0.997	122.7	166.2266321
0.756	129.8	181.5304128	25.1	0.922	122.7	166.2266321
0.715	122.5	165.8686538	25.03	0.9	117.3	157.7235069
0.771	124.1	168.8346381	24.98	0.902	117.6	158.1366964
0.786	119.4	160.7556316	24.91	0.904	112.8	152.2626427
0.729	116.2	156.2631643	24.86	0.836	111.8	151.2247092
0.742	118.1	158.8398912	24.83	0.914	112	151.4274771
0.736	116.9	157.1826166	24.82	0.994	110.4	149.8711879
0.774	116.9	157.1826166	24.83	0.995	111	150.437296
0.789	121.4	163.9624173	24.84	1.039	115.1	154.8861795
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0.683	124.8	170.2080831	24.88	0.904	116.7	156.9164217
0.662	128	177.1284437	24.88	0.839	121.7	164.4719393
0.546	136	191.2154206	24.86	0.757	125.8	172.2544374
0.651	134.6	195.4097096	24.84	0.723	125.2	171.014516
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0.615	134.4	194.7612235	24.73	0.84	127.5	175.9737479

27.51	1.305	129.4	180.5179243	173.255641	Yes
27.56	1.008	128.1	177.3628294	176.5868442	Yes
27.56	1.334	123.1	166.9533691	157.7165892	Yes
27.48	1.304	131.6	186.3453391	179.4427018	Yes
27.36	1.201	123.1	166.9533691	164.5644299	Yes
27.19	1.382	131.2	185.2375331	177.0271262	Yes
27	1.319	132.4	188.6290418	179.6532103	Yes
26.88	1.058	129.6	181.0216499	178.350392	Yes
26.82	1.053	125.4	171.4237479	164.3229935	Yes
26.79	1.028	127.9	176.8952147	167.8849895	Yes
26.78	1.159	129.6	181.0216499	176.3671404	Yes
26.72	1.244	131	184.6919171	178.085251	Yes
26.67	1.319	136.5	189.5740787	177.3425755	Yes
26.63	1.288	136.8	188.6095808	180.2488653	Yes
26.62	1.188	136.2	190.5537426	178.741496	Yes
26.63	1.21	137	187.9748679	178.9955169	Yes
26.63	1.058	135.2	193.9326112	177.8254113	Yes
26.62	1.184	135.6	192.5597384	183.5171641	Yes
26.56	1.093	135.5	192.9002508	184.9496628	Yes
26.5	1.204	134.6	195.4097096	178.8923385	Yes
26.4	1.276	135.7	192.2210107	179.0284276	Yes
26.26	1.131	135.7	192.2210107	177.4402678	Yes
26.11	1.203	136.9	188.2914027	183.4032348	Yes
25.98	1.239	135.9	191.5488631	181.0446852	Yes
25.84	1.264	132.8	189.8060036	180.8279367	Yes
25.75	1.195	132.4	188.6290418	178.4977894	Yes
25.65	1.133	129.2	180.0191816	166.2300628	Yes
25.57	1.144	128.6	178.5523232	171.1360272	Yes
25.49	1.029	129.6	181.0216499	175.2764233	Yes
25.41	1.097	128	177.1284437	173.3383365	Yes
25.33	1.064	128.7	178.7937782	164.4091099	Yes
25.27	1.126	130.4	183.0874794	173.5192408	Yes
25.21	1.085	130.3	182.824721	175.8499359	Yes
25.15	1.152	128.7	178.7937782	167.3011312	Yes
25.09	1.185	127	174.8472386	161.8656168	Yes
25.02	1.165	125	170.6093072	156.2267179	Yes
24.96	1.1	123.2	167.137323	154.8466781	Yes
24.93	1.067	121.8	164.6434892	155.9281244	Yes
24.92	1.111	119.1	160.3021067	155.5637755	Yes
24.93	1.14	120.1	161.8412498	155.7053025	Yes
24.95	1.21	123.5	167.6946976	157.4346003	Yes
24.96	1.213	123.7	168.0709172	164.0312086	Yes
24.98	1.238	124.1	168.8346381	164.6302368	Yes
24.98	1.132	126	172.6759748	165.8173888	Yes
24.97	1.051	128.7	178.7937782	171.8722783	Yes
24.95	0.924	133.6	192.2329492	180.1225221	Yes
24.93	0.984	134.9	194.9814553	179.6018454	Yes
24.91	0.911	139.5	180.5672593	185.8775346	Yes
24.87	0.892	137.1	187.6599662	176.9276248	Yes
24.83	0.919	136.9	188.2914027	183.0124432	Yes
24.82	0.963	136.6	189.2509084	179.5382738	Yes

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7/25/2019	19:50	24	0.306
7/25/2019	19:51	23.96	0.291
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7/25/2019	20:09	23.47	0.152
7/25/2019	20:10	23.44	0.17
7/25/2019	20:11	23.41	0.133
7/25/2019	20:12	23.39	0.173
7/25/2019	20:13	23.36	0.128
7/25/2019	20:14	23.35	0.092
7/25/2019	20:15	23.33	0.088
7/25/2019	20:16	23.32	0.056
7/25/2019	20:17	23.31	0.062
7/25/2019	20:18	23.29	0.038
7/25/2019	20:19	23.27	0.014
7/25/2019	20:20	23.25	0.027
7/25/2019	20:21	23.25	0.05
7/25/2019	20:22	23.24	0.055
7/25/2019	20:23	23.22	0.037

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138.6	183.1257514	24.77
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136.8	188.6095808	24.7
126.7	174.1845669	24.66
131.7	186.6257896	24.62
119.3	160.6036824	24.57
112	151.4274771	24.52
112.8	152.2626427	24.45
109.8	149.3256382	24.38
116.6	156.7843776	24.32
124.1	168.8346381	24.26
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120.5	162.4791534	24.16
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138.5	183.4173207	24.07
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133.6	192.2329492	23.94
122.5	165.8686538	23.9
129	179.5253688	23.85
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158	147.0339187	23.66
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162.8	142.4968525	23.6
166.5	139.8387928	23.58
171.5	137.2889944	23.55
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221.4	178.1226162	23.51
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		23.26
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0.282	211
0.218	202.2
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0.565	127.3	175.5198021	24.72	0.736	124.9	170.4081994
0.601	133.4	191.6169031	24.7	0.835	125.7	172.0452245
0.574	134.3	194.4394783	24.68	0.774	127.5	175.9737479
0.56	134.3	194.4394783	24.65	0.753	127.9	176.8952147
0.569	127.5	175.9737479	24.63	0.704	123.6	167.8823409
0.577	122.3	165.5142265	24.59	0.719	118.3	159.1263255
0.494	119.6	161.0618684	24.56	0.674	116	156.0067
0.525	117.3	157.7235069	24.52	0.632	113.4	152.9147416
0.418	116.7	156.9164217	24.48	0.618	112.6	152.0502072
0.538	112.6	152.0502072	24.43	0.634	108.5	148.2125295
0.505	111.4	150.8262993	24.37	0.654	108.1	147.8886214
0.506	115.7	155.627126	24.34	0.625	110.8	150.2462872
0.504	119.7	161.2161624	24.3	0.564	116.2	156.2631643
0.501	119.3	160.6036824	24.27	0.598	116.5	156.6530324
0.531	116.4	156.5223835	24.24	0.666	113.2	152.6948941
0.515	120.1	161.8412498	24.21	0.689	115.6	155.5019575
0.574	124.7	170.0089535	24.19	0.724	120.6	162.6406568
0.523	124.5	169.6136358	24.17	0.675	119.9	161.5271173
0.523	127.2	175.2945059	24.12	0.63	122.6	166.0471971
0.421	124.2	169.0279442	24.07	0.542	118.4	159.2706591
0.477	122.4	165.6909983	24.02	0.535	115	154.7650203
0.413	125.1	170.8114111	23.98	0.537	121	163.294883
0.418	131.7	186.6257896	23.95	0.557	124.8	170.2080831
0.372	135.8	191.884056	23.92	0.483	129.2	180.0191816
0.33	133.8	192.8553266	23.89	0.42	129.8	181.5304128
0.334	136.1	190.8837175	23.86	0.389	131.9	187.1909456
0.342	137.6	186.1096044	23.84	0.417	132.1	187.7618297
0.332	142.3	173.3102392	23.83	0.479	134.3	194.4394783
0.313	147.6	162.0534901	23.81	0.45	140.2	178.6563324
0.286	156.1	149.2056183	23.79	0.432	144.5	168.2774801
0.293	157.5	147.5835656	23.77	0.425	147.7	161.8681603
0.253	147.5	162.2397397	23.74	0.389	142.3	173.3102392
0.296	154.1	151.7450728	23.71	0.392	145.3	166.5789856
0.281	156.3	148.9662571	23.69	0.347	149.2	159.1957351
0.22	178.8	135.5365272	23.68	0.304	166.4	139.9016992
0.279	214.9	163.3767931	23.66	0.331	201.3	144.5088047
0.334	230.2	186.3453391	23.63	0.445	223.8	184.8977039
0.265	218.6	171.184873	23.59	0.34	208.1	152.2858181
0.332	221.5	178.3888034	23.56	0.42	213	159.8890273
0.28	216	165.5509953	23.55	0.396	208.1	152.2858181
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0.188	180.3	135.452927	23.55	0.28	182.3	135.4859439
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0.106	205.8	149.3262707	23.56	0.171	204.4	147.6953406
0.068	198.2	141.8632814	23.55	0.094	203.1	146.2898835
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24.82	0.972	135.8	191.884056	178.6789204	Yes
24.81	0.978	134.2	194.1193848	172.9097495	Yes
24.8	0.932	134.1	193.8009328	179.3998225	Yes
24.78	0.944	137.4	186.7249594	176.9162707	Yes
24.75	0.888	137	187.9748679	181.3472458	Yes
24.72	0.909	134.4	194.7612235	174.4510011	Yes
24.69	0.91	130.1	182.3031224	164.6701557	Yes
24.66	0.887	127.4	175.7462142	163.3913865	Yes
24.62	0.833	124.6	169.810806	155.7705355	Yes
24.58	0.79	122.3	165.5142265	151.6124079	Yes
24.53	0.78	119	160.152474	149.4085278	Yes
24.48	0.837	118.8	159.8555038	148.5919121	Yes
24.45	0.85	122.4	165.6909983	153.1322447	Yes
24.42	0.776	121.9	164.8158999	159.140063	Yes
24.39	0.822	124.8	170.2080831	157.1709964	Yes
24.38	0.852	124.4	169.4174385	155.6801881	Yes
24.37	0.879	124.7	170.0089535	158.6225183	Yes
24.35	0.915	129.8	181.5304128	168.9071261	Yes
24.32	0.871	129.3	180.2679334	167.9212311	Yes
24.28	0.9	131.7	186.6257896	172.8389886	Yes
24.22	0.766	128.6	178.5523232	170.1337899	Yes
24.17	0.814	127.8	176.6631365	160.0941303	Yes
24.14	0.762	131.3	185.5124012	168.1536	Yes
24.11	0.746	135.1	194.2803784	174.1830987	Yes
24.07	0.699	136.8	188.6095808	187.6512047	Yes
24.04	0.667	138.7	182.8356637	181.8912826	Yes
24.01	0.636	139.4	180.8458047	182.6010772	Yes
24	0.656	138.8	182.5470487	182.5855439	Yes
23.99	0.64	143.6	170.2702897	171.7667786	Yes
23.96	0.587	146.5	164.1537804	162.589689	Yes
23.94	0.598	151	156.2417902	150.4253481	Yes
23.91	0.558	153.3	152.8379067	148.4560193	Yes
23.87	0.608	149.5	158.684756	157.9336327	Yes
23.84	0.585	151.1	156.0853794	152.3774263	Yes
23.83	0.552	154.8	150.8255466	148.2865818	Yes
23.81	0.44	166.1	140.0933217	137.5840153	Yes
23.79	0.427	196	140.2893212	160.3689477	Yes
23.75	0.52	220.7	176.2962446	181.1866535	Yes
23.72	0.481	205.9	149.4475739	160.9492555	Yes
23.7	0.588	212.3	158.684756	168.1072637	Yes
23.69	0.557	208.5	152.8379067	155.1429402	Yes
23.7	0.453	192.6	138.3193881	136.2673102	Yes
23.71	0.397	189.1	136.8445673	136.5062056	Yes
23.71	0.377	193.4	138.734051	136.0019025	Yes
23.72	0.359	199	142.4968525	143.2483764	Yes
23.72	0.272	207.7	151.7450728	154.1346594	Yes
23.71	0.203	205.8	149.3262707	141.9390381	Yes
23.7	0.166	202.2	145.3759529	143.2247023	Yes
23.68	0.089	188.5	136.6458601	160.4790323	Yes
23.66	0.075	206.5	150.1891937	137.2720297	Yes
23.64	0.083	235.4	173.5316387	150.137169	Yes

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7/25/2019	20:28	23.07	0.059
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7/25/2019	20:32	22.95	0.033
7/25/2019	20:33	22.9	0.033
7/25/2019	20:34	22.87	0.012
7/25/2019	20:35	22.84	0.022
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7/25/2019	20:39	22.75	0.025
7/25/2019	20:40	22.74	0.037
7/25/2019	20:41	22.71	0.056
7/25/2019	20:42	22.68	0.097
7/25/2019	20:43	22.63	0.113
7/25/2019	20:44	22.61	0.105
7/25/2019	20:45	22.58	0.13
7/25/2019	20:46	22.54	0.161
7/25/2019	20:47	22.49	0.149
7/25/2019	20:48	22.43	0.155
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7/25/2019	20:50	22.33	0.131
7/25/2019	20:51	22.29	0.175
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7/25/2019	20:54	22.15	0.153
7/25/2019	20:55	22.11	0.157
7/25/2019	20:56	22.06	0.145
7/25/2019	20:57	22.01	0.177
7/25/2019	20:58	21.97	0.151
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7/25/2019	21:00	21.92	0.113
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7/25/2019	21:02	21.89	0.097
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7/25/2019	21:05	21.82	0.161
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7/25/2019	21:07	21.72	0.241
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7/25/2019	21:14	21.41	0.203

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160.0036074	21.99
155.627126	21.97
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0.142	298.1	158.8398912	23.45	0.183	285.3	145.8571712
0.161	287.3	147.2664881	23.4	0.214	274.6	141.5698857
0.107	271.2	141.2767366	23.37	0.169	267.8	141.4818346
0.117	301.2	163.6269725	23.35	0.149	287.3	147.2664881
0.102	264.1	142.2756368	23.33	0.135	270.2	141.2853442
0.088	279.9	143.0358082	23.3	0.141	286.9	146.9680947
0.122	289	148.6296284	23.28	0.173	294.7	154.4054945
0.135	299.1	160.3021067	23.26	0.179	291.5	150.9250156
0.107	301.2	163.6269725	23.25	0.141	298	158.6977847
0.077	305.1	170.8114111	23.23	0.127	293.5	153.0256028
0.052	334.4	151.3468538	23.22	0.096	313.9	195.7142115
0.081	7.916	136.4673566	23.2	0.117	338.3	146.7114396
0.073	23.84	147.077328	23.18	0.109	348.8	138.5230334
0.066	19.81	143.172701	23.15	0.094	347	139.5314724
0.039	39.44	173.1655735	23.12	0.072	347.8	139.0645196
0.067	64.49	157.7371755	23.08	0.067	10.71	137.4553479
0.142	69.72	151.5092539	23.05	0.1	42.87	182.1740368
0.267	73.92	147.7141387	23.03	0.252	66.63	154.9713848
0.316	78.82	144.4739816	23.01	0.249	74.35	147.3805523
0.301	83.4	142.4938547	23	0.225	85.7	141.8586336
0.338	80.8	143.4985715	23	0.291	82.7	142.7340803
0.363	78.2	144.8178344	22.98	0.361	78.33	144.7441957
0.381	77.53	145.2104254	22.92	0.446	74.12	147.5577607
0.383	77.57	145.1863697	22.88	0.499	70.42	150.8066267
0.385	78.8	144.4847842	22.86	0.483	73.48	148.0657023
0.338	82.9	142.6631883	22.83	0.381	79.38	144.1792841
0.388	89.6	141.3111722	22.75	0.378	88.1	141.4436643
0.367	97.3	142.1607573	22.68	0.385	94.2	141.5094486
0.31	107.2	147.1911034	22.62	0.371	99.5	142.8813029
0.307	107.8	147.6513318	22.53	0.419	100.7	143.3668232
0.344	113	152.4775331	22.44	0.47	106.6	146.7497779
0.325	113.5	153.0256028	22.37	0.446	108.6	148.294859
0.371	121	163.294883	22.3	0.496	115.5	155.3774631
0.282	119.5	160.9083592	22.26	0.385	114.5	154.1690811
0.222	124.6	169.810806	22.23	0.353	117.9	158.5564148
0.25	131	184.6919171	22.22	0.385	123.9	168.4508857
0.293	134.3	194.4394783	22.24	0.456	126.8	174.4043676
0.235	123.2	167.137323	22.25	0.382	121.1	163.4605101
0.286	117.6	158.1366964	22.23	0.397	115.4	155.2536405
0.317	105.3	145.8571712	22.19	0.41	104.3	145.2285189
0.38	106.8	146.8948028	22.12	0.51	105.8	146.1902907
0.391	92.9	141.3609132	22.06	0.394	91.9	141.2963201
0.507	90.7	141.2756607	22	0.472	89.8	141.30084
0.495	94.5	141.5541247	21.93	0.454	92.7	141.344545
0.443	95	141.6372805	21.85	0.457	93.2	141.3887034
0.485	95.9	141.8144468	21.79	0.549	92.3	141.3169846
0.536	94.5	141.5541247	21.73	0.539	93.1	141.3790081
0.475	88.4	141.4093904	21.68	0.446	85.6	141.8813857
0.415	86.5	141.6924026	21.63	0.383	84.2	142.2462495
0.373	85	142.0271438	21.6	0.383	80.3	143.7274589

23.61	0.131	249.8	151.4274771	161.9282455	Yes
23.59	0.187	287	147.041908	162.1448322	Yes
23.55	0.217	276.7	142.0017483	157.2575621	Yes
23.51	0.188	261.2	143.3238336	141.8212014	Yes
23.49	0.194	287.1	147.1162438	159.6296698	Yes
23.46	0.178	284.4	145.2891508	145.2879219	Yes
23.43	0.19	298.6	159.5615734	152.8440913	Yes
23.41	0.213	295.1	154.8861795	151.3531481	Yes
23.41	0.177	281.8	143.8704074	156.0802247	Yes
23.41	0.171	289.6	149.1482972	159.6112927	Yes
23.41	0.143	285.1	145.7274513	171.3136696	Yes
23.4	0.161	307.8	176.6631365	161.8441661	Yes
23.39	0.161	325.1	166.9973396	149.1768249	Yes
23.38	0.136	329.5	158.684756	152.4641062	Yes
23.35	0.096	315.9	191.5488631	148.9134749	Yes
23.32	0.06	303.9	168.4508857	167.6851592	Yes
23.29	0.028	NAN	#VALUE!	151.115609	Yes
23.24	0.05	41.5	178.3888034	158.3043038	Yes
23.22	0.201	73.35	148.1715683	151.3793195	Yes
23.19	0.254	78.87	144.447059	147.4150031	Yes
23.17	0.277	83	142.6284203	144.3848793	Yes
23.16	0.449	89.5	141.3169846	148.8511304	Yes
23.13	0.508	83.5	142.4613373	148.9291861	Yes
23.07	0.566	83.5	142.4613373	152.2818214	Yes
23.04	0.594	77.03	145.5177885	149.1865613	Yes
23.04	0.644	73.98	147.6670015	149.0479303	Yes
23.04	0.624	82.3	142.8813029	144.8416972	Yes
23.03	0.636	90.9	141.2748	141.6410511	Yes
23.02	0.613	99.3	142.8067836	141.7558628	Yes
22.94	0.568	102.6	144.2723744	147.1375094	Yes
22.84	0.585	102.5	144.220467	145.9034704	Yes
22.75	0.621	104.2	145.1683796	151.6685434	Yes
22.66	0.612	109.1	148.7146909	151.4102983	Yes
22.6	0.709	119.6	161.0618684	162.7997234	Yes
22.62	0.654	119.5	160.9083592	157.6582969	Yes
22.67	0.627	123.1	166.9533691	171.6088466	Yes
22.72	0.675	129.9	181.7867003	182.4143525	Yes
22.74	0.724	130.8	184.1517432	184.2560366	Yes
22.72	0.606	123.1	166.9533691	160.3324029	Yes
22.68	0.571	119.7	161.2161624	156.4834711	Yes
22.57	0.508	109.7	149.2366877	145.5330308	Yes
22.43	0.61	111.4	150.8262993	144.7530226	Yes
22.33	0.571	96.1	141.8586336	141.3814654	Yes
22.23	0.713	93.1	141.3790081	141.4071737	Yes
22.12	0.663	97.2	142.1331484	141.4604191	Yes
22.01	0.645	98.2	142.4292686	141.4138057	Yes
21.93	0.801	97.7	142.2756368	141.5113621	Yes
21.87	0.828	98.1	142.397648	141.3741263	Yes
21.81	0.699	91.7	141.2885722	141.5355889	Yes
21.76	0.621	91.5	141.2825466	142.0646212	Yes
21.72	0.659	87.7	141.4954247	142.3195181	Yes

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7/25/2019	21:16	21.35	0.204
7/25/2019	21:17	21.34	0.253
7/25/2019	21:18	21.33	0.222
7/25/2019	21:19	21.31	0.241
7/25/2019	21:20	21.31	0.269
7/25/2019	21:21	21.3	0.227
7/25/2019	21:22	21.28	0.189
7/25/2019	21:23	21.27	0.212
7/25/2019	21:24	21.27	0.207
7/25/2019	21:25	21.26	0.165
7/25/2019	21:26	21.25	0.138
7/25/2019	21:27	21.24	0.139
7/25/2019	21:28	21.22	0.102
7/25/2019	21:29	21.2	0.123
7/25/2019	21:30	21.18	0.14
7/25/2019	21:31	21.16	0.178
7/25/2019	21:32	21.15	0.188
7/25/2019	21:33	21.12	0.175
7/25/2019	21:34	21.1	0.169
7/25/2019	21:35	21.07	0.222
7/25/2019	21:36	21.04	0.228
7/25/2019	21:37	21	0.228
7/25/2019	21:38	20.98	0.309
7/25/2019	21:39	20.98	0.212
7/25/2019	21:40	20.97	0.237
7/25/2019	21:41	20.96	0.263
7/25/2019	21:42	20.95	0.259
7/25/2019	21:43	20.96	0.267
7/25/2019	21:44	20.96	0.306
7/25/2019	21:45	20.96	0.251
7/25/2019	21:46	20.94	0.242
7/25/2019	21:47	20.92	0.237
7/25/2019	21:48	20.9	0.229
7/25/2019	21:49	20.88	0.247
7/25/2019	21:50	20.86	0.306
7/25/2019	21:51	20.87	0.311
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7/25/2019	21:56	20.87	0.343
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7/25/2019	21:58	20.89	0.301
7/25/2019	21:59	20.89	0.251
7/25/2019	22:00	20.88	0.212
7/25/2019	22:01	20.86	0.249
7/25/2019	22:02	20.84	0.281
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123.4	167.507983	21.15
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124.8	170.2080831	21.08
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117.1	157.451638	21.03
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110.2	149.6870709	20.97
119.6	161.0618684	20.93
109.5	149.0604651	20.92
119.3	160.6036824	20.92
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104.6	145.4118964	20.91
110.4	149.8711879	20.91
117.3	157.7235069	20.92
115.9	155.8794948	20.93
115.9	155.8794948	20.92
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124.6	169.810806	20.88
122.7	166.2266321	20.86
123.8	168.2604307	20.84
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114.9	154.6445213	20.86
125.6	171.8370419	20.87
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133.3	191.3112307	20.85
143	171.6490075	20.83
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0.353	101.4
0.409	105
0.361	105.7
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148.6296284	21.29
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145.663343	21.16
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0.329	100.5	143.2813061	21.57	0.409	97.2	142.1331484
0.406	110.5	149.9641021	21.56	0.521	104.4	145.2891508
0.365	110	149.5052253	21.56	0.459	105.2	145.7920604
0.439	111.1	150.5336711	21.55	0.581	102.7	144.324759
0.439	114.2	153.8193224	21.55	0.546	109.4	148.9731899
0.379	121.5	164.1314071	21.52	0.47	114.3	153.9352634
0.361	125.8	172.2544374	21.51	0.521	119.7	161.2161624
0.371	126	172.6759748	21.54	0.517	121.6	164.3012465
0.392	123.5	167.6946976	21.56	0.498	118.6	159.5615734
0.332	122.4	165.6909983	21.56	0.518	117.6	158.1366964
0.324	120.4	162.3184643	21.56	0.456	114.2	153.8193224
0.279	114.5	154.1690811	21.55	0.416	108.6	148.294859
0.241	113.8	153.3619607	21.55	0.348	106	146.3270894
0.255	113.2	152.6948941	21.54	0.356	107.3	147.2664881
0.314	120.7	162.802978	21.54	0.389	113.5	153.0256028
0.347	124.7	170.0089535	21.54	0.456	117.6	158.1366964
0.356	122	164.9891752	21.53	0.477	116.7	156.9164217
0.343	124	168.6422867	21.5	0.484	118.4	159.2706591
0.342	121.2	163.6269725	21.47	0.519	115	154.7650203
0.403	117.6	158.1366964	21.43	0.549	111.9	151.3257947
0.426	116.9	157.1826166	21.39	0.565	111.8	151.2247092
0.432	117.2	157.5872152	21.34	0.606	111	150.437296
0.499	111.2	150.6306288	21.36	0.644	105.3	145.8571712
0.402	115.8	155.7529709	21.37	0.581	109.7	149.2366877
0.43	109.9	149.4151502	21.38	0.599	106.7	146.8220309
0.474	110.7	150.1516501	21.4	0.622	106.6	146.7497779
0.411	108.7	148.3777321	21.42	0.578	104.7	145.4740121
0.468	109.5	149.0604651	21.44	0.646	106.3	146.5361202
0.475	113.4	152.9147416	21.43	0.601	107.2	147.1911034
0.452	116.8	157.0491672	21.41	0.586	111.9	151.3257947
0.425	116.6	156.7843776	21.38	0.57	110.8	150.2462872
0.394	121.9	164.8158999	21.36	0.567	115	154.7650203
0.432	124.3	169.2222095	21.33	0.555	117.7	158.2758734
0.375	122.1	165.1633188	21.32	0.566	116.5	156.6530324
0.479	122.2	165.3383346	21.33	0.614	113.1	152.5859038
0.479	123.4	167.507983	21.36	0.631	116.2	156.2631643
0.494	121.9	164.8158999	21.36	0.608	115.7	155.627126
0.471	122.8	166.4069628	21.35	0.64	115.4	155.2536405
0.505	121	163.294883	21.34	0.683	113.9	153.475345
0.577	119.5	160.9083592	21.34	0.679	113.6	153.1370917
0.526	117.4	157.8605159	21.34	0.679	112.9	152.3697801
0.507	118.8	159.8555038	21.35	0.661	112.9	152.3697801
0.461	121.8	164.6434892	21.34	0.621	114.8	154.5246801
0.403	124.5	169.6136358	21.33	0.558	116.5	156.6530324
0.376	129.5	180.7691609	21.31	0.516	119.2	160.4525084
0.405	138.5	183.4173207	21.29	0.503	128.1	177.3628294
0.428	140.7	177.3320297	21.25	0.596	129.7	181.2753983
0.423	147.2	162.8040494	21.2	0.556	136.8	188.6095808
0.407	147.8	161.6837458	21.15	0.551	138.7	182.8356637
0.431	163.5	141.9406579	21.09	0.528	151.1	156.0853794

21.71	0.721	92.9	141.3609132	141.3837679	Yes
21.7	0.57	100.3	143.1976347	142.2982634	Yes
21.68	0.64	106	146.3270894	146.7910468	Yes
21.68	0.581	108.1	147.8886214	145.5941109	Yes
21.68	0.749	104.4	145.2891508	147.7850511	Yes
21.67	0.669	113.5	153.0256028	151.7300976	Yes
21.64	0.609	118	158.6977847	155.5876341	Yes
21.68	0.595	120.7	162.802978	167.1700181	Yes
21.72	0.636	123.1	166.9533691	166.3821209	Yes
21.76	0.671	122.1	165.1633188	161.3629176	Yes
21.78	0.643	119.7	161.2161624	159.8797564	Yes
21.8	0.59	113.6	153.1370917	155.2460495	Yes
21.83	0.557	107.7	147.5733027	151.0721685	Yes
21.83	0.518	106	146.3270894	152.3986703	Yes
21.81	0.483	109.8	149.3256382	150.2564105	Yes
21.79	0.517	114.3	153.9352634	159.2277652	Yes
21.77	0.596	118.4	159.2706591	164.8346374	Yes
21.76	0.613	118	158.6977847	160.4047263	Yes
21.73	0.64	119.5	160.9083592	162.953386	Yes
21.72	0.71	116.8	157.0491672	157.329744	Yes
21.7	0.715	115	154.7650203	156.76214	Yes
21.65	0.733	114.2	153.8193224	151.5767316	Yes
21.61	0.77	111.9	151.3257947	154.8569704	Yes
21.64	0.873	108.6	148.294859	147.7246354	Yes
21.65	0.732	111	150.437296	153.4310209	Yes
21.66	0.772	108.1	147.8886214	147.6662901	Yes
21.69	0.788	107.7	147.5733027	146.4755128	Yes
21.73	0.828	106.8	146.8948028	146.8509199	Yes
21.74	0.863	108	147.8089898	149.7458588	Yes
21.73	0.811	110.1	149.595865	150.5269986	Yes
21.7	0.743	114.4	154.0518489	152.9375655	Yes
21.67	0.755	113.6	153.1370917	153.4281192	Yes
21.66	0.745	116.4	156.5223835	162.0579043	Yes
21.63	0.727	117.9	158.5564148	163.5067054	Yes
21.63	0.798	116.8	157.0491672	162.0187567	Yes
21.66	0.856	116.5	156.6530324	159.959429	Yes
21.68	0.843	117.6	158.1366964	162.7257095	Yes
21.68	0.8	115.3	155.1304872	160.5429039	Yes
21.65	0.791	117.3	157.7235069	159.8697442	Yes
21.65	0.842	116	156.0067	157.3500588	Yes
21.64	0.896	114.7	154.4054945	154.2536694	Yes
21.63	0.872	114.8	154.5246801	154.9331554	Yes
21.65	0.901	114.8	154.5246801	154.5998908	Yes
21.63	0.738	116.9	157.1826166	161.6267922	Yes
21.62	0.721	117.6	158.1366964	169.7596981	Yes
21.59	0.693	119.9	161.5271173	176.2493965	Yes
21.58	0.659	126.9	174.6252563	180.9350971	Yes
21.52	0.781	131	184.6919171	183.048465	Yes
21.45	0.743	135.7	192.2210107	170.1218185	Yes
21.38	0.734	139.5	180.5672593	171.1934365	Yes
21.3	0.685	151	156.2417902	145.6640418	Yes

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7/25/2019	22:24	20.52	0.356
7/25/2019	22:25	20.55	0.409
7/25/2019	22:26	20.57	0.332
7/25/2019	22:27	20.59	0.334
7/25/2019	22:28	20.61	0.302
7/25/2019	22:29	20.62	0.279
7/25/2019	22:30	20.63	0.355
7/25/2019	22:31	20.63	0.391
7/25/2019	22:32	20.65	0.411
7/25/2019	22:33	20.65	0.409
7/25/2019	22:34	20.67	0.482
7/25/2019	22:35	20.69	0.403
7/25/2019	22:36	20.72	0.428
7/25/2019	22:37	20.75	0.362
7/25/2019	22:38	20.76	0.248
7/25/2019	22:39	20.76	0.247
7/25/2019	22:40	20.77	0.333
7/25/2019	22:41	20.78	0.25
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121.7	164.4719393	20.68
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0.237	225.9	191.5488631	20.87	0.306	208.7	153.1182603
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0.395	169.8	138.0276292	20.88	0.531	160.5	144.5088047
0.479	169.8	138.0276292	20.9	0.564	160.8	144.2299319
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0.557	171	137.4928614	20.89	0.773	161.5	143.5986496
0.568	166.6	139.7763685	20.89	0.762	157.6	147.4724086
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0.603	160.7	144.3223303	20.88	0.789	150.8	156.5569873
0.621	154.9	150.6969261	20.89	0.747	146.8	163.5696028
0.564	148.5	160.4181218	20.89	0.701	143	171.6490075
0.515	142.5	172.8296935	20.9	0.657	138.7	182.8356637
0.485	145.5	166.1647422	20.89	0.668	136.9	188.2914027
0.43	143.5	170.4972397	20.88	0.564	136.7	188.9294126
0.42	142.1	173.7955882	20.87	0.57	137.5	186.4164902
0.474	137.7	185.8042924	20.85	0.583	131	184.6919171
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0.554	125	170.6093072	20.84	0.659	122.6	166.0471971
0.565	124.3	169.2222095	20.84	0.728	118	158.6977847
0.584	123	166.7703272	20.86	0.824	117.3	157.7235069
0.583	118.1	158.8398912	20.89	0.76	114.4	154.0518489
0.599	118.9	160.0036074	20.94	0.861	113	152.4775331
0.479	117.1	157.451638	20.98	0.655	113.1	152.5859038
0.387	116.3	156.3924283	20.98	0.543	111.8	151.2247092
0.371	125.2	171.014516	20.97	0.513	116.8	157.0491672
0.463	119.6	161.0618684	21	0.616	114.5	154.1690811
0.39	119.9	161.5271173	21.03	0.551	112.7	152.156119
0.495	117.6	158.1366964	21.07	0.687	113.4	152.9147416
0.667	113.4	152.9147416	21.17	0.901	106.8	146.8948028
0.798	103.4	144.7048835	21.25	0.888	99.4	142.843816
0.883	98	142.366475	21.28	1.06	94.5	141.5541247
0.974	88.6	141.3887034	21.38	1.011	86	141.7930115
0.827	96.2	141.8813857	21.48	0.854	93	141.3697448
0.665	121.2	163.6269725	21.54	0.837	114.3	153.9352634
0.634	126.6	173.9658487	21.55	0.745	120.9	163.1300876
0.575	139.2	181.4071437	21.52	0.722	132.4	188.6290418
0.722	134.2	194.1193848	21.55	0.882	125.7	172.0452245
0.629	126.3	173.3161361	21.54	0.824	121.1	163.4605101
0.597	122.2	165.3383346	21.47	0.786	119.3	160.6036824
0.576	121.8	164.6434892	21.39	0.662	117.7	158.2758734
0.57	128.3	177.8350956	21.35	0.792	121.3	163.7942737
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21.21	0.658	160.3	144.6975271	138.4986185	Yes
21.15	0.526	177.7	135.6570213	149.2421515	Yes
21.09	0.47	189.1	136.8445673	159.3225718	Yes
21.05	0.419	205.7	149.2056183	170.8359661	Yes
21.02	0.364	212.2	158.5161218	163.8255619	Yes
21	0.388	198	141.7100752	173.7470391	Yes
20.99	0.437	178.3	135.5850754	142.844481	Yes
20.99	0.46	171	137.4928614	136.1737196	Yes
21.01	0.519	162.1	143.0788632	137.2601355	Yes
21.04	0.562	160.9	144.1380905	137.9638366	Yes
21.07	0.597	158.2	146.8183282	139.5429973	Yes
21.09	0.663	162.8	142.4968525	139.7965494	Yes
21.08	0.737	166.2	140.0289626	138.4275875	Yes
21.08	0.825	167.8	139.0645196	137.4574984	Yes
21.08	0.902	164.8	140.9746448	140.1609441	Yes
21.07	0.941	162	143.1641434	143.1014396	Yes
21.04	0.962	158.8	146.1859844	151.7570952	Yes
21.03	0.976	157.8	147.2519401	149.3482019	Yes
21.03	0.948	154.3	151.4788997	157.1449832	Yes
21.03	0.921	147.8	161.6837458	171.1071996	Yes
21.02	0.788	145.1	166.9973396	178.2215036	Yes
21	0.779	141.9	174.2857928	181.7810935	Yes
20.99	0.761	142.1	173.7955882	181.3420657	Yes
20.96	0.725	143.6	170.2702897	185.9984726	Yes
20.94	0.764	138.5	183.4173207	181.3080836	Yes
20.93	0.846	134.1	193.8009328	172.5124795	Yes
20.94	0.905	130.3	182.824721	164.8009225	Yes
20.95	0.925	126.2	173.1016948	161.4990518	Yes
20.97	0.925	125.4	171.4237479	158.9385437	Yes
21.01	0.898	122.5	165.8686538	154.4717801	Yes
21.07	0.98	119.1	160.3021067	157.0951392	Yes
21.11	0.769	122.3	165.5142265	151.681328	Yes
21.1	0.65	120.5	162.4791534	150.8133464	Yes
21.1	0.678	121	163.294883	163.164246	Yes
21.14	0.732	119.3	160.6036824	157.3559993	Yes
21.17	0.696	113.2	152.6948941	158.7790072	Yes
21.22	0.813	115.5	155.3774631	154.8586054	Yes
21.33	1.108	109	148.6296284	148.7313838	Yes
21.41	1.258	101.9	143.9189973	144.2877112	Yes
21.43	1.39	95.6	141.7514553	141.8743531	Yes
21.53	1.457	90	141.2922309	141.549963	Yes
21.63	1.185	96.3	141.9045775	141.462288	Yes
21.69	0.998	117.8	158.4157786	158.2946202	Yes
21.69	0.959	126.1	172.8883094	171.7466567	Yes
21.68	0.901	137.8	185.5005447	180.9242166	Yes
21.73	1.101	132.4	188.6290418	181.7208258	Yes
21.71	0.986	126.1	172.8883094	164.4300978	Yes
21.62	0.919	124.5	169.6136358	161.5020964	Yes
21.54	0.905	123.1	166.9533691	159.0828866	Yes
21.5	0.983	124	168.6422867	170.9095019	Yes
21.47	0.781	130.5	183.3515534	183.4933709	Yes

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207.7	151.7450728	20.64
209.3	153.9768314	20.6
232.3	180.7691609	20.55
238	168.2604307	20.5
236.4	171.4237479	20.46
226	191.884056	20.43
221.7	178.9252109	20.39
207.2	151.0848301	20.36
207.5	151.4788997	20.32
186.9	136.1915717	20.28
186.9	136.1915717	20.24
190.4	137.328883	20.2
183.1	135.5454083	20.16
176.8	135.7930238	20.12
172	137.0961561	20.09
189.1	136.8445673	20.05
189.2	136.8792016	20.02
181.1	135.4463252	19.98
181.7	135.458704	19.94
169.2	138.3193881	19.9
171.9	137.1338452	19.87
164.7	141.0459134	19.84
158.2	146.8183282	19.81
162.6	142.6604859	19.79
163.9	141.6342428	19.76
181.9	135.4661321	19.74
201.5	144.6975271	19.71
206.1	149.6921424	19.68
208.5	152.8379067	19.65
202	145.1792559	19.61
209.4	154.1225109	19.58
206.9	150.6969261	19.55
211	156.5569873	19.53
211.5	157.3589946	19.5
215.4	164.3504379	19.49
218	169.8197457	19.49
228.2	192.2329492	19.51
237.6	169.0279442	19.5
247.3	154.1690811	19.5
246.5	155.1304872	19.49
246.3	155.3774631	19.48
234.7	175.0703199	19.48
220.5	175.7860767	19.48
222	179.7400211	19.46

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0.322	163.3
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0.233	183.5
0.188	199.1
0.245	213.3
0.258	212
0.233	206.1
0.254	195.6
0.272	185.6
0.264	181.8
0.26	171.9
0.234	176.5
0.248	175
0.262	172.5
0.224	168.4
0.236	161.5
0.257	179.9
0.225	177.6
0.265	161.7
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0.322	159
0.341	151.5
0.384	148.9
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0.293	191.5
0.277	197.6
0.271	195.4
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0.294	201.8
0.295	204.8
0.293	217
0.306	229
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0.374	238.6
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0.363	241.7
0.314	233.5
0.261	219.4
0.281	210

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135.8458714	20.37
136.1668004	20.34
136.9142707	20.3
138.734051	20.27
143.5986496	20.23
135.4661321	20.2
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143.4232201	20.13
138.5750946	20.1
146.3943767	20.07
145.9799608	20.05
155.4675767	20.02
159.7144084	20
155.6208578	19.99
152.0140384	19.97
137.249547	19.95
136.8792016	19.92
141.786421	19.89
139.9016992	19.86
137.796957	19.83
141.4098131	19.81
139.9016992	19.79
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144.9848547	19.77
148.1486618	19.76
167.6326681	19.77
189.8060036	19.78
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177.8350956	19.75
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155.0123664	19.74

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0.297	155.8	149.5695304	21.2	0.393	147.3	162.6150149
0.325	162.8	142.4968525	21.14	0.433	151.1	156.0853794
0.355	157	148.1486618	21.08	0.507	145.8	165.5509953
0.436	150	157.8499471	21.02	0.549	140.8	177.0711342
0.414	165.4	140.557513	20.96	0.511	153.2	152.9777221
0.37	188.5	136.6458601	20.91	0.467	173.8	136.4921301
0.307	188.7	136.7103661	20.86	0.449	179.4	135.4919297
0.242	183.5	135.5850754	20.81	0.416	170.2	137.8421902
0.258	196.1	140.355632	20.76	0.324	183	135.5365272
0.289	211.8	157.8499471	20.71	0.375	195.8	140.1581671
0.328	210.7	156.0853794	20.68	0.413	200.3	143.5986496
0.309	206	149.5695304	20.65	0.407	194.9	139.5919783
0.307	197.6	141.4098131	20.62	0.435	188.1	136.5220169
0.374	189.9	137.1338452	20.6	0.466	182.1	135.475212
0.338	185.5	135.8831963	20.57	0.466	176.3	135.8831963
0.355	179.3	135.4983288	20.54	0.446	172.6	136.8792016
0.323	179.2	135.5051412	20.5	0.455	170.4	137.7521729
0.317	178.9	135.52806	20.47	0.453	168.5	138.6806025
0.318	179	135.5200067	20.44	0.444	166.7	139.7144254
0.305	170.1	137.8878733	20.4	0.405	160.1	144.8885107
0.299	172.6	136.8792016	20.37	0.408	159.7	145.2773166
0.285	180.1	135.458704	20.34	0.411	168.4	138.734051
0.295	181.7	135.458704	20.3	0.388	170.5	137.7078372
0.307	171	137.4928614	20.27	0.45	161.5	143.5986496
0.415	174	136.4336422	20.24	0.537	161.8	143.3363204
0.424	166.1	140.0933217	20.23	0.594	156.9	148.2635581
0.442	165.2	140.6945686	20.21	0.584	154.2	151.6116385
0.457	159.9	145.0817692	20.2	0.584	150.2	157.5218261
0.438	154.7	150.9548471	20.18	0.636	145	167.2080708
0.394	156.5	148.729472	20.18	0.576	144.2	168.9319213
0.375	158.5	146.4994658	20.16	0.534	147.4	162.4269132
0.379	170	137.9340071	20.15	0.459	153.1	153.1182603
0.343	186.6	136.1185285	20.12	0.464	169.9	137.9805921
0.366	193.9	139.008273	20.09	0.501	175.8	135.9838512
0.394	190	137.171973	20.05	0.504	175.4	136.0719483
0.36	190.5	137.3692134	20.02	0.512	172.3	136.9857152
0.373	194.4	139.2942101	20	0.482	177.2	135.7284098
0.373	192.7	138.3696112	19.98	0.475	177.4	135.6986053
0.382	195.8	140.1581671	19.97	0.493	178.5	135.564413
0.38	196.1	140.355632	19.96	0.471	177.3	135.7132992
0.386	196.8	140.8336095	19.97	0.443	179.3	135.4983288
0.342	208.3	152.5604335	19.98	0.422	190.3	137.2889944
0.364	221.2	177.5942369	20	0.439	206	149.5695304
0.435	230.7	184.9640411	20	0.542	215.6	164.7466785
0.434	232.8	179.5253688	20.03	0.535	216.6	166.7876462
0.425	236.2	171.8370419	20.05	0.554	218.8	171.6490075
0.418	235.2	173.9658487	20.05	0.56	219.3	172.8296935
0.389	225.2	189.2509084	20.05	0.521	206.6	150.3151193
0.349	210.9	156.3989918	20.05	0.502	191.7	137.8878733
0.386	203.7	146.9258206	20.04	0.539	183.7	135.6073966

21.41	0.703	132.9	190.1039947	184.282708	Yes
21.34	0.559	147.9	161.5002424	152.9282377	Yes
21.26	0.586	152.5	153.9768314	146.3901095	Yes
21.19	0.665	148.9	159.7144084	154.5685322	Yes
21.13	0.736	143.5	170.4972397	168.755009	Yes
21.07	0.672	153.5	152.5604335	142.9622415	Yes
21.02	0.636	171.1	137.4512019	140.5774143	Yes
20.97	0.564	177.1	135.7439374	140.2423651	Yes
20.91	0.506	171.4	137.328883	140.7472931	Yes
20.86	0.408	179.8	135.4704656	149.8099313	Yes
20.81	0.442	191.8	137.9340071	156.6716667	Yes
20.77	0.517	199.7	143.0788632	157.3222866	Yes
20.74	0.543	194.4	139.2942101	157.6844268	Yes
20.71	0.57	191	137.577514	149.2215009	Yes
20.68	0.602	184.1	135.6570213	139.8990937	Yes
20.65	0.585	179.8	135.4704656	139.676876	Yes
20.63	0.619	173.9	136.4626721	136.4257368	Yes
20.6	0.607	171.8	137.171973	136.3236893	Yes
20.58	0.557	170.3	137.796957	136.9260865	Yes
20.55	0.561	169.1	138.3696112	136.9235278	Yes
20.52	0.555	166.4	139.9016992	139.3258647	Yes
20.49	0.564	165.2	140.6945686	140.712831	Yes
20.45	0.526	171.7	137.21054	136.6258636	Yes
20.41	0.537	172	137.0961561	136.4290523	Yes
20.39	0.606	164.6	141.1176841	139.9902641	Yes
20.38	0.715	162.3	142.9099119	138.4509403	Yes
20.38	0.746	158.8	146.1859844	143.2676611	Yes
20.37	0.771	155.8	149.5695304	143.8550033	Yes
20.36	0.757	150.6	156.8753741	149.7792714	Yes
20.35	0.783	145.2	166.7876462	156.1739136	Yes
20.34	0.795	146.5	164.1537804	153.9856842	Yes
20.32	0.654	148.2	160.955157	150.643665	Yes
20.3	0.683	155.6	149.8154124	140.9419866	Yes
20.28	0.563	167.1	139.4714437	138.9189623	Yes
20.25	0.607	172.9	136.7766005	141.6176719	Yes
20.22	0.633	171.2	137.4099861	141.4958818	Yes
20.21	0.62	169	138.4202926	139.3327854	Yes
20.19	0.602	172.2	137.0220917	142.638736	Yes
20.18	0.565	170.8	137.577514	141.1667105	Yes
20.17	0.557	172.6	136.8792016	144.0363649	Yes
20.17	0.565	171.1	137.4512019	144.6031951	Yes
20.17	0.552	173.6	136.5523328	147.2077595	Yes
20.16	0.519	181.6	135.4556091	156.8254604	Yes
20.15	0.487	191.6	137.8421902	177.30068	Yes
20.16	0.526	205.4	148.8475437	173.0137	Yes
20.17	0.504	207.9	152.0140384	166.9048548	Yes
20.2	0.526	212.4	158.8542338	164.1536953	Yes
20.22	0.556	211.2	156.8753741	166.0035638	Yes
20.24	0.587	198.1	141.786421	173.1178608	Yes
20.23	0.623	186.4	136.0719483	160.7855777	Yes
20.22	0.658	180.1	135.458704	154.3214012	Yes

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7/25/2019	23:48	19.41	0.197
7/25/2019	23:49	19.39	0.202
7/25/2019	23:50	19.36	0.174
7/25/2019	23:51	19.34	0.197
7/25/2019	23:52	19.35	0.228
7/25/2019	23:53	19.36	0.273
7/25/2019	23:54	19.37	0.173
7/25/2019	23:55	19.36	0.193
7/25/2019	23:56	19.35	0.22
7/25/2019	23:57	19.35	0.216
7/25/2019	23:58	19.33	0.167
7/25/2019	23:59	19.3	0.163
7/26/2019	0:00	19.27	0.147
7/26/2019	0:01	19.25	0.143
7/26/2019	0:02	19.24	0.121
7/26/2019	0:03	19.23	0.149
7/26/2019	0:04	19.21	0.145
7/26/2019	0:05	19.18	0.171
7/26/2019	0:06	19.18	0.21
7/26/2019	0:07	19.19	0.205
7/26/2019	0:08	19.19	0.223
7/26/2019	0:09	19.19	0.2
7/26/2019	0:10	19.18	0.233
7/26/2019	0:11	19.16	0.219
7/26/2019	0:12	19.12	0.217
7/26/2019	0:13	19.09	0.182
7/26/2019	0:14	19.06	0.157
7/26/2019	0:15	19.03	0.146
7/26/2019	0:16	19	0.133
7/26/2019	0:17	18.98	0.118
7/26/2019	0:18	18.95	0.13
7/26/2019	0:19	18.93	0.108
7/26/2019	0:20	18.9	0.114
7/26/2019	0:21	18.88	0.088
7/26/2019	0:22	18.86	0.098
7/26/2019	0:23	18.83	0.12
7/26/2019	0:24	18.8	0.12
7/26/2019	0:25	18.78	0.168
7/26/2019	0:26	18.76	0.17
7/26/2019	0:27	18.74	0.187
7/26/2019	0:28	18.72	0.234
7/26/2019	0:29	18.71	0.233
7/26/2019	0:30	18.69	0.196
7/26/2019	0:31	18.68	0.166
7/26/2019	0:32	18.67	0.176
7/26/2019	0:33	18.65	0.152
7/26/2019	0:34	18.64	0.129
7/26/2019	0:35	18.62	0.164
7/26/2019	0:36	18.61	0.138
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200.1	143.4232201	19.42
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161.1	143.9560723	19.34
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168.8	138.5230334	19.33
175.2	136.1185285	19.31
165.6	140.4224336	19.29
173.2	136.6778973	19.28
182.9	135.52806	19.25
189.9	137.1338452	19.23
190	137.171973	19.2
212.2	158.5161218	19.19
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148.9	159.7144084	19.14
145.2	166.7876462	19.14
150.1	157.6854758	19.15
137.8	185.5005447	19.16
137.2	187.3466876	19.16
131	184.6919171	19.14
128.6	178.5523232	19.1
134.1	193.8009328	19.06
127.4	175.7462142	19.02
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157.8	147.2519401	18.95
173.6	136.5523328	18.92
175.8	135.9838512	18.89
179.3	135.4983288	18.85
183.7	135.6073966	18.82
202.8	145.9799608	18.79
204.2	147.4724086	18.76
189.2	136.8792016	18.73
178.5	135.564413	18.69
167.6	139.1784222	18.66
172.8	136.810367	18.62
179.6	135.4803714	18.6
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172.1	137.0589052	18.56
176.9	135.7762441	18.55
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183.3	135.564413	18.53
188.1	136.5220169	18.52
175	136.1668004	18.51
183.6	135.5960285	18.49
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0.358	114
0.309	122.3
0.235	139
0.238	150.4
0.227	157.8
0.191	157.4
0.178	169
0.159	183
0.18	189.6
0.21	179
0.236	173.5
0.267	157.1
0.311	158.6
0.342	160.8
0.373	159.9
0.374	160.4
0.319	162.2
0.298	161.7
0.292	173.7
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0.244	164.2
0.251	172.9
0.246	159.7
0.31	156.8
0.304	144.9

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157.1969778	19.15
147.2519401	19.12
147.6953406	19.1
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135.5365272	19.04
137.0220917	19.01
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136.5830783	18.96
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146.3943767	18.93
144.2299319	18.92
145.0817692	18.91
144.6028841	18.92
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143.4232201	18.91
136.5220169	18.9
135.9628798	18.88
141.4098131	18.85
136.7766005	18.83
145.2773166	18.8
148.379085	18.79
167.4198452	18.78

0.446	198.7	142.25535	20.05	0.59	181.8	135.4622116
0.426	187.9	136.4626721	20.05	0.561	173.9	136.4626721
0.4	178.2	135.5960285	20.06	0.554	165.1	140.7638403
0.376	161.1	143.9560723	20.09	0.561	150.8	156.5569873
0.462	156.4	148.8475437	20.12	0.515	148.1	161.1359522
0.454	159.6	145.3759529	20.18	0.6	149.1	159.3677662
0.385	161.3	143.7762629	20.2	0.535	152.4	154.1225109
0.403	166.2	140.0289626	20.2	0.59	155.6	149.8154124
0.468	164	141.5589225	20.2	0.606	153.7	152.2858181
0.433	164	141.5589225	20.19	0.596	154.7	150.9548471
0.414	170.2	137.8421902	20.17	0.596	160.2	144.7927354
0.395	180.7	135.4463252	20.13	0.585	170.2	137.8421902
0.345	190.1	137.21054	20.09	0.484	186	135.9838512
0.317	217.4	168.49455	20.12	0.444	203.7	146.9258206
0.293	220.1	174.7809062	20.13	0.447	207.7	151.7450728
0.372	208.8	153.2595242	20.14	0.484	191.3	137.7078372
0.381	185.2	135.8278372	20.12	0.525	170.9	137.5349652
0.45	161.6	143.5106627	20.15	0.615	153.5	152.5604335
0.517	149.1	159.3677662	20.19	0.71	142.6	172.5912057
0.507	144.5	168.2774801	20.22	0.715	139.3	181.1257634
0.549	143.8	169.8197457	20.22	0.77	137.7	185.8042924
0.57	134	193.4841124	20.2	0.821	130.9	184.4211537
0.566	132	187.4756675	20.13	0.828	129	179.5253688
0.564	125.8	172.2544374	20.01	0.788	124.5	169.6136358
0.554	121.8	164.6434892	19.87	0.746	122	164.9891752
0.49	124.9	170.4081994	19.74	0.647	122.1	165.1633188
0.426	122.9	166.5881931	19.63	0.587	120.8	162.9661204
0.407	132	187.4756675	19.53	0.612	128	177.1284437
0.332	144.9	167.4198452	19.46	0.517	139	181.9742025
0.297	154.9	150.6969261	19.42	0.467	145.8	165.5509953
0.333	162.6	142.6604859	19.38	0.495	149.6	158.5161218
0.305	163	142.3353263	19.36	0.49	147.9	161.5002424
0.278	169.7	138.0751192	19.35	0.44	154.6	151.0848301
0.262	179.7	135.475212	19.33	0.425	159.9	145.0817692
0.254	185.8	135.9423289	19.3	0.403	170.1	137.8878733
0.307	183.7	135.6073966	19.27	0.485	167.8	139.0645196
0.363	178.7	135.5454083	19.26	0.564	164.9	140.9038772
0.391	168.1	138.8971847	19.28	0.615	159	145.9799608
0.451	169.3	138.2696225	19.29	0.672	159.9	145.0817692
0.503	168.5	138.6806025	19.31	0.715	159.7	145.2773166
0.547	169	138.4202926	19.33	0.79	160.4	144.6028841
0.527	170.4	137.7521729	19.37	0.761	160.4	144.6028841
0.496	170	137.9340071	19.37	0.723	160.8	144.2299319
0.451	170	137.9340071	19.37	0.659	160.4	144.6028841
0.432	177.2	135.7284098	19.34	0.603	168	138.952495
0.423	179.9	135.4661321	19.31	0.605	171.8	137.171973
0.372	174.2	136.3768654	19.26	0.523	170.9	137.5349652
0.377	177.7	135.6570213	19.22	0.556	175.9	135.9628798
0.368	172.5	136.9142707	19.18	0.533	173.9	136.4626721
0.429	169.6	138.1230627	19.15	0.592	170.5	137.7078372
0.424	157.6	147.4724086	19.12	0.591	161.8	143.3363204

20.21	0.696	180.8	135.4457063	144.346306	Yes
20.23	0.665	173.6	136.5523328	138.3245848	Yes
20.28	0.664	166.2	140.0289626	137.1979914	Yes
20.35	0.689	154.3	151.4788997	150.8035354	Yes
20.38	0.717	154.1	151.7450728	153.8599526	Yes
20.44	0.713	152.8	153.5442409	150.8201801	Yes
20.47	0.706	154.7	150.9548471	147.7094797	Yes
20.48	0.748	159	145.9799608	142.4125215	Yes
20.49	0.752	158.6	146.3943767	146.672486	Yes
20.48	0.754	159.7	145.2773166	144.0835729	Yes
20.47	0.75	163	142.3353263	139.1976507	Yes
20.43	0.74	175.1	136.1424529	136.4966934	Yes
20.41	0.607	185.6	135.9024875	136.502589	Yes
20.4	0.518	196.1	140.355632	159.2803566	Yes
20.39	0.5	203.4	146.6051528	165.2239465	Yes
20.38	0.557	190.8	137.4928614	148.4159575	Yes
20.37	0.634	173.4	136.6142539	136.085169	Yes
20.42	0.718	159.5	145.4751667	149.2312417	Yes
20.47	0.775	152.7	153.6876994	170.3118648	Yes
20.51	0.752	149.5	158.684756	176.7238575	Yes
20.55	0.8	145.8	165.5509953	175.5576408	Yes
20.56	0.891	141.9	174.2857928	182.869182	Yes
20.55	0.994	138.7	182.8356637	179.9654876	Yes
20.45	1.097	131.8	186.9076557	170.7705935	Yes
20.29	1.043	128	177.1284437	164.8273016	Yes
20.14	0.979	127.9	176.8952147	171.842674	Yes
20.01	0.915	126.9	174.6252563	164.7224733	Yes
19.9	0.924	134.1	193.8009328	172.0333954	Yes
19.83	0.801	139.5	180.5672593	169.6550476	Yes
19.75	0.731	145.4	166.3713526	152.499308	Yes
19.71	0.735	150.5	157.0357721	146.1030997	Yes
19.69	0.716	151.5	155.4675767	146.7573095	Yes
19.69	0.657	153.7	152.2858181	140.7969096	Yes
19.65	0.611	160	144.9848547	140.5183673	Yes
19.63	0.565	165.2	140.6945686	139.5811756	Yes
19.6	0.612	170	137.9340071	136.7677811	Yes
19.61	0.707	166.2	140.0289626	137.1491942	Yes
19.64	0.74	164.9	140.9038772	143.0224904	Yes
19.67	0.824	168.6	138.6276173	141.6390339	Yes
19.72	0.878	167.5	139.23608	140.9170556	Yes
19.76	0.971	166.5	139.8387928	141.1797999	Yes
19.81	0.95	165.5	140.4897269	141.0042115	Yes
19.82	0.878	166.3	139.9650888	140.2335757	Yes
19.82	0.854	167.6	139.1784222	140.4146791	Yes
19.79	0.787	173.4	136.6142539	136.6918337	Yes
19.72	0.804	180.2	135.4556091	136.2807504	Yes
19.65	0.716	183.9	135.6313781	137.872111	Yes
19.59	0.762	189.5	136.9857152	135.9981325	Yes
19.53	0.697	186.3	136.0492916	139.0058682	Yes
19.47	0.746	181.5	135.452927	140.8186261	Yes
19.42	0.744	170.7	137.6205085	152.2958553	Yes

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7/26/2019	0:46	18.57	0.21
7/26/2019	0:47	18.56	0.217
7/26/2019	0:48	18.56	0.206
7/26/2019	0:49	18.55	0.233
7/26/2019	0:50	18.53	0.162
7/26/2019	0:51	18.51	0.147
7/26/2019	0:52	18.49	0.159
7/26/2019	0:53	18.48	0.136
7/26/2019	0:54	18.46	0.189
7/26/2019	0:55	18.45	0.176
7/26/2019	0:56	18.45	0.204
7/26/2019	0:57	18.45	0.165
7/26/2019	0:58	18.45	0.127
7/26/2019	0:59	18.44	0.11
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7/26/2019	1:01	18.41	0.108
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7/26/2019	1:26	18.26	0.249
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205.3	148.729472	18.37
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184.9	135.7762441	18.37
173	136.743267	18.34
167.4	139.2942101	18.32
159.5	145.4751667	18.29
161	144.0468045	18.27
164.2	141.4098131	18.25
173.8	136.4921301	18.24
183.9	135.6313781	18.23
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181.6	135.4556091	18.2
188.8	136.743267	18.19
180.1	135.458704	18.17
176.8	135.7930238	18.16
181.5	135.452927	18.15
189.7	137.0589052	18.15
203.4	146.6051528	18.15
185.4	135.8643244	18.16
197.5	141.3360215	18.17
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182.3	135.4859439	18.2
194	139.0645196	18.21
190.6	137.4099861	18.22
192.4	138.2203136	18.23
183.9	135.6313781	18.23
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191.9	137.9805921	18.27

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0.374	130.3
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0.213	207.6
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0.159	180.3
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0.137	152.3
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0.152	159.4
0.158	171.7
0.215	173.9
0.241	177
0.255	178.5
0.314	175
0.293	171.6
0.301	179.7
0.282	184.6
0.322	190.4
0.337	185
0.408	189.6
0.399	182.3
0.429	185.2
0.392	182.6
0.426	183.8
0.472	182.7
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0.374	182.7
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187.6599662	18.75
177.3320297	18.74
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182.8356637	18.67
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140.355632	18.63
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152.4227699	18.65
181.6899539	18.68
164.1537804	18.67
151.6116385	18.66
136.3491176	18.64
135.452927	18.62
139.7763685	18.6
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154.8621634	18.53
162.4269132	18.51
145.5749597	18.49
137.21054	18.46
136.4626721	18.44
135.759882	18.43
135.564413	18.42
136.1668004	18.4
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135.475212	18.4
135.7284098	18.41
137.328883	18.42
135.7930238	18.43
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135.4859439	18.45
135.8278372	18.46
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135.6191797	18.47
135.5123672	18.48
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135.6570213	18.48
137.7078372	18.5
135.4661321	18.51

0.494	146.6	163.9580918	19.1	0.664	150.8	156.5569873
0.555	150.6	156.8753741	19.07	0.722	152.8	153.5442409
0.568	148.3	160.7752562	19.05	0.717	149	159.540656
0.574	147.5	162.2397397	19.02	0.696	149.4	158.8542338
0.543	139.1	181.6899539	18.98	0.704	142.4	173.0693692
0.584	135	194.6299891	18.95	0.699	137.5	186.4164902
0.519	139.2	181.4071437	18.93	0.646	141.3	175.7860767
0.521	138	184.8977039	18.91	0.659	139.6	180.290119
0.524	137.9	185.1983516	18.9	0.7	139.3	181.1257634
0.486	145.6	165.9591491	18.9	0.694	142.6	172.5912057
0.502	155.7	149.6921424	18.93	0.684	148.5	160.4181218
0.411	166.8	139.6529623	18.94	0.621	152.9	153.4015168
0.377	167.6	139.1784222	18.96	0.574	154	151.8792052
0.352	177.4	135.6986053	18.96	0.511	164.3	141.3360215
0.314	186.2	136.0270567	18.94	0.494	168.6	138.6276173
0.423	194.5	139.3528135	18.92	0.534	177.9	135.6313781
0.401	199.4	142.8262379	18.93	0.583	179.3	135.4983288
0.466	204.7	148.034394	18.95	0.581	189.1	136.8445673
0.428	225	188.6095808	18.97	0.547	208.7	153.1182603
0.379	221.2	177.5942369	18.96	0.541	204.7	148.034394
0.332	211.1	156.7157803	18.93	0.494	194.9	139.5919783
0.265	196.5	140.6257933	18.89	0.405	186.9	136.1915717
0.264	189.6	137.0220917	18.86	0.365	184.3	135.6843278
0.221	178.1	135.6073966	18.83	0.35	180.9	135.4455
0.19	174.7	136.2423866	18.8	0.291	179	135.5200067
0.219	164.4	141.262737	18.77	0.301	171.9	137.1338452
0.245	164.2	141.4098131	18.74	0.351	170	137.9340071
0.19	162.2	142.9941199	18.71	0.302	172.7	136.8445673
0.221	172.3	136.9857152	18.68	0.338	172.7	136.8445673
0.279	178	135.6191797	18.66	0.38	179	135.5200067
0.333	180.2	135.4556091	18.64	0.444	180.6	135.4473567
0.351	184.7	135.7439374	18.64	0.501	181.3	135.4488008
0.429	185	135.7930238	18.63	0.596	181.6	135.4556091
0.459	181	135.4457063	18.63	0.641	179	135.5200067
0.399	178	135.6191797	18.63	0.594	177.8	135.6439919
0.385	187.9	136.4626721	18.65	0.599	182.8	135.5200067
0.435	191	137.577514	18.67	0.608	184.9	135.7762441
0.514	196.9	140.9038772	18.69	0.639	187.9	136.4626721
0.473	192.2	138.1230627	18.7	0.659	185.1	135.8102214
0.564	195.4	139.9016992	18.71	0.764	186.3	136.0492916
0.579	187.9	136.4626721	18.73	0.732	181.2	135.4473567
0.632	189.2	136.8792016	18.73	0.731	180.2	135.4556091
0.604	188.2	136.5523328	18.73	0.734	180.2	135.4556091
0.597	189	136.810367	18.72	0.796	180.7	135.4463252
0.617	188.3	136.5830783	18.72	0.794	180.4	135.4506575
0.548	186.8	136.1668004	18.72	0.676	179.7	135.475212
0.557	186.4	136.0719483	18.71	0.684	180.3	135.452927
0.583	185.1	135.8102214	18.71	0.686	179.4	135.4919297
0.592	190.4	137.328883	18.7	0.678	181	135.4457063
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19.37	0.844	160.9	144.1380905	168.810817	Yes
19.34	0.929	160.4	144.6028841	159.5513027	Yes
19.31	0.976	157	148.1486618	164.8968792	Yes
19.26	0.943	155.7	149.6921424	164.5351029	Yes
19.21	0.967	148.3	160.7752562	179.1930033	Yes
19.18	0.928	143.9	169.5961403	185.3303086	Yes
19.17	0.899	143.4	170.7253164	175.2463991	Yes
19.15	0.902	141.4	175.5328989	178.7566479	Yes
19.16	0.985	139.8	179.7400211	181.0447892	Yes
19.24	1.012	138.3	184.0049395	168.4179591	Yes
19.3	0.964	142	174.0400802	150.2831439	Yes
19.32	0.865	145.8	165.5509953	142.293896	Yes
19.32	0.795	147.7	161.8681603	141.2960622	Yes
19.31	0.679	154.7	150.9548471	137.0389377	Yes
19.28	0.619	159.2	145.7762909	138.4875258	Yes
19.26	0.631	169.9	137.9805921	141.0173239	Yes
19.24	0.64	176.1	135.9221983	146.4270178	Yes
19.22	0.694	181.9	135.4661321	148.8292438	Yes
19.21	0.623	210.1	155.1633342	177.3055218	Yes
19.19	0.663	211.3	157.0357721	164.5149729	Yes
19.15	0.655	205	148.379085	151.9521061	Yes
19.1	0.567	196.5	140.6257933	137.3653458	Yes
19.06	0.54	198	141.7100752	135.9838976	Yes
19.02	0.486	193.4	138.734051	136.893133	Yes
18.99	0.428	190.1	137.21054	138.775852	Yes
18.95	0.406	183.2	135.5547035	144.5351714	Yes
18.91	0.48	183.6	135.5960285	144.563197	Yes
18.87	0.423	184.7	135.7439374	145.9188534	Yes
18.84	0.471	188.2	136.5523328	138.9743431	Yes
18.82	0.534	194.6	139.411891	135.9952761	Yes
18.81	0.591	194.4	139.2942101	135.7255413	Yes
18.81	0.72	193.9	139.008273	135.6020573	Yes
18.82	0.825	190.5	137.3692134	135.8890782	Yes
18.84	0.865	189.4	136.949775	135.6478044	Yes
18.86	0.803	189.4	136.949775	136.0764356	Yes
18.89	0.785	195.6	140.0289626	135.7277044	Yes
18.91	0.79	197.1	141.0459134	136.5352683	Yes
18.93	0.869	198.8	142.3353263	140.3251463	Yes
18.94	0.9	196.3	140.4897269	136.3976581	Yes
18.95	0.972	195.1	139.7144254	138.577276	Yes
18.96	0.976	191.6	137.8421902	136.0184675	Yes
18.95	0.979	190.3	137.2889944	136.1490725	Yes
18.94	1.005	188.8	136.743267	135.7497568	Yes
18.93	1.045	189.5	136.9857152	136.7350979	Yes
18.93	0.978	189.6	137.0220917	136.2390223	Yes
18.91	0.888	188.7	136.7103661	136.3277817	Yes
18.9	0.86	188.1	136.5220169	135.6671551	Yes
18.88	0.865	185.7	135.9221983	136.6274542	Yes
18.87	0.905	190.4	137.328883	136.8882116	Yes
18.87	0.762	195.5	139.9650888	137.7789467	Yes
18.89	0.782	194	139.0645196	136.5009895	Yes

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179	135.5200067	18.61
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0.611	144.3	168.7126952	19.27	0.772	141.8	174.5327325
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0.578	151.1	156.0853794	19.31	0.819	144.3	168.7126952
0.686	144.4	168.49455	19.33	0.919	141.8	174.5327325
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0.515	136.9	188.2914027	19.34	0.609	130.3	182.824721
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0.207	180.1	135.458704	19.35	0.283	168.3	138.7879636
0.246	158.1	146.9258206	19.34	0.333	147.5	162.2397397
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0.399	173.9	136.4626721	19.36	0.561	162.2	142.9941199
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0.26	130.5	183.3515534	19.24	0.369	131.6	186.3453391
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18.89	0.76	194.4	139.2942101	136.9949476	Yes
18.9	0.779	192.6	138.3193881	135.6161986	Yes
18.91	0.824	192.1	138.0751192	136.3248593	Yes
18.93	0.814	196.4	140.557513	137.1729272	Yes
18.94	0.903	197.4	141.262737	137.0064596	Yes
18.98	1.045	196.7	140.7638403	137.0630338	Yes
19.02	1.088	195.2	139.7763685	136.8308098	Yes
19.04	1.097	189.6	137.0220917	135.9348559	Yes
19.06	1.202	182.3	135.4859439	136.4483482	Yes
19.08	1.157	181.8	135.4622116	136.3177373	Yes
19.1	1.004	180.2	135.4556091	136.0584458	Yes
19.12	1.041	178.6	135.5547035	136.6383685	Yes
19.14	1.078	176.1	135.9221983	137.13677	Yes
19.17	1.018	175.7	136.0052434	137.7180242	Yes
19.19	0.932	171.3	137.3692134	139.915864	Yes
19.22	1.062	164.3	141.3360215	145.8861255	Yes
19.26	1.07	157.2	147.9207527	148.7327155	Yes
19.27	1.094	157.4	147.6953406	154.446688	Yes
19.28	1.066	148.7	160.0645165	165.4779522	Yes
19.3	1.117	145.1	166.9973396	173.9794288	Yes
19.32	1.055	146.1	164.946271	172.5185492	Yes
19.33	1.01	146.7	163.7633675	171.1621259	Yes
19.35	0.904	146.3	164.548069	175.3946954	Yes
19.37	0.872	142.2	173.55231	176.3453312	Yes
19.38	0.941	146.3	164.548069	161.3282495	Yes
19.39	0.956	146.8	163.5696028	161.6651575	Yes
19.41	0.968	149	159.540656	166.3769743	Yes
19.42	1.124	144.9	167.4198452	171.5544296	Yes
19.43	1.195	136	191.2154206	183.073954	Yes
19.41	0.846	138.9	182.2598979	180.2480825	Yes
19.41	0.576	140	179.1954466	174.7936933	Yes
19.42	0.68	141.2	176.0405229	165.1519324	Yes
19.46	0.707	145.4	166.3713526	165.7666577	Yes
19.48	0.616	154.9	150.6969261	142.4189143	Yes
19.49	0.489	160.5	144.5088047	139.0949673	Yes
19.48	0.389	163.5	141.9406579	136.8216935	Yes
19.47	0.423	149.9	158.0152438	158.4686147	Yes
19.46	0.576	131.6	186.3453391	166.9298247	Yes
19.47	0.717	131.2	185.2375331	175.3626337	Yes
19.49	0.748	134.1	193.8009328	175.5225038	Yes
19.51	0.771	139.8	179.7400211	162.8451998	Yes
19.53	0.783	148.1	161.1359522	143.0610258	Yes
19.53	0.875	153.7	152.2858181	142.5649575	Yes
19.54	0.777	155.5	149.9393426	138.4280508	Yes
19.52	0.732	150.2	157.5218261	157.8342073	Yes
19.47	0.544	138.2	184.3010071	164.5597396	Yes
19.41	0.562	134.1	193.8009328	158.1775655	Yes
19.38	0.535	136.8	188.6095808	176.7214499	Yes
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19.29	0.452	129.9	181.7867003	171.165171	Yes

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181.1	135.4463252	18.97
166.4	139.9016992	18.96
162.9	142.4158267	18.96
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0.375	165.3	140.6257933	19.4	0.485	160.5	144.5088047
0.384	179.7	135.475212	19.38	0.532	169.6	138.1230627
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0.333	163.4	142.0185516	19.35	0.454	156.3	148.9662571
0.332	159.2	145.7762909	19.34	0.501	152.4	154.1225109
0.434	159.8	145.1792559	19.34	0.587	152.7	153.6876994
0.514	167.2	139.411891	19.33	0.658	160.5	144.5088047
0.576	166.8	139.6529623	19.32	0.738	159.8	145.1792559
0.627	174.9	136.1915717	19.3	0.854	167.4	139.2942101
0.689	174.3	136.3491176	19.29	0.833	167.4	139.2942101
0.729	168.1	138.8971847	19.29	0.865	161.7	143.4232201
0.701	171.4	137.328883	19.3	0.828	162.6	142.6604859
0.638	165.6	140.4224336	19.31	0.915	160.6	144.4152874
0.727	165.8	140.2893212	19.33	0.926	157.6	147.4724086
0.679	166.8	139.6529623	19.34	0.961	159.1	145.8778326
0.747	164.5	141.1899582	19.35	0.887	157.3	147.8077356
0.69	167.2	139.411891	19.36	0.976	160.5	144.5088047
0.738	161.2	143.8658923	19.36	0.924	154.5	151.2154981
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0.713	159.5	145.4751667	19.35	0.916	154.9	150.6969261
0.779	157.9	147.1426245	19.34	0.92	153	153.2595242
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19.28	0.39	133.6	192.2329492	156.7159386	Yes
19.28	0.34	138.7	182.8356637	142.4511886	Yes
19.28	0.37	136	191.2154206	149.8677358	Yes
19.29	0.455	139.8	179.7400211	150.4452834	Yes
19.3	0.473	137.3	187.035022	167.909344	Yes
19.31	0.519	140.4	178.1226162	158.1838587	Yes
19.32	0.577	132.8	189.8060036	181.9237636	Yes
19.34	0.663	127.3	175.5198021	172.1210363	Yes
19.35	0.711	125.1	170.8114111	172.7788414	Yes
19.37	0.761	125.9	172.4646859	162.5389585	Yes
19.4	0.701	125.2	171.014516	163.1613308	Yes
19.42	0.686	123.3	167.3221929	153.9301406	Yes
19.45	0.679	127	174.8472386	167.2345354	Yes
19.48	0.66	131	184.6919171	172.5947296	Yes
19.5	0.655	133.8	192.8553266	178.3047446	Yes
19.53	0.645	135.8	191.884056	179.8230229	Yes
19.55	0.651	142.9	171.8828066	163.7823074	Yes
19.56	0.671	149.6	158.5161218	151.4524318	Yes
19.56	0.604	156.9	148.2635581	142.2671584	Yes
19.52	0.57	177.6	135.6704665	136.4724303	Yes
19.5	0.639	171.5	137.2889944	136.9959177	Yes
19.49	0.627	163.5	141.9406579	146.1076872	Yes
19.48	0.663	160	144.9848547	149.7576022	Yes
19.47	0.752	159.6	145.3759529	149.8269015	Yes
19.46	0.817	166.9	139.5919783	141.8333734	Yes
19.44	0.907	167.1	139.4714437	142.6059048	Yes
19.42	1.017	176.1	135.9221983	138.0122415	Yes
19.4	1.047	174.7	136.2423866	138.04459	Yes
19.41	1.058	170.8	137.577514	141.0351416	Yes
19.42	1.004	170	137.9340071	140.3351252	Yes
19.43	0.955	170.3	137.796957	142.6447751	Yes
19.45	1.072	163.7	141.786421	143.9301237	Yes
19.46	1.015	165.9	140.2234999	142.1762333	Yes
19.47	1.114	162.2	142.9941199	144.4787334	Yes
19.47	1.078	166.1	140.0933217	141.4450124	Yes
19.47	1.086	163	142.3353263	146.0278392	Yes
19.46	1.063	159.8	145.1792559	151.1425078	Yes
19.45	1.086	158.8	146.1859844	149.3268376	Yes
19.43	1.137	157.8	147.2519401	151.1411906	Yes
19.42	1.26	150.6	156.8753741	164.6665774	Yes
19.42	1.112	153.1	153.1182603	156.9371581	Yes
19.41	1.24	150.4	157.1969778	160.0752266	Yes
19.41	1.365	148.3	160.7752562	163.6658732	Yes
19.4	1.327	148.2	160.955157	165.4008191	Yes
19.39	1.331	148.3	160.7752562	165.4020227	Yes
19.36	1.448	147.1	162.994021	164.695549	Yes
19.34	1.407	149	159.540656	162.77183	Yes
19.32	1.519	148.6	160.24088	163.6109668	Yes
19.3	1.76	149.3	159.0245589	163.025563	Yes
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7/26/2019	3:20	19.13	0.848
7/26/2019	3:21	19.16	0.817
7/26/2019	3:22	19.17	0.721
7/26/2019	3:23	19.18	0.598
7/26/2019	3:24	19.17	0.611
7/26/2019	3:25	19.17	0.704
7/26/2019	3:26	19.17	0.697
7/26/2019	3:27	19.17	0.667
7/26/2019	3:28	19.16	0.603
7/26/2019	3:29	19.15	0.542
7/26/2019	3:30	19.13	0.752
7/26/2019	3:31	19.13	0.823
7/26/2019	3:32	19.13	0.49
7/26/2019	3:33	19.12	0.537
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1.207	151.4	155.6208578	19.34	1.373	147.4	162.4269132
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1.106	151.4	155.6208578	19.36	1.31	149.6	158.5161218
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1.383	155.7	149.6921424	19.4	1.597	150.9	156.3989918
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1.259	162.8	142.4968525	19.42	1.452	156	149.3262707
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1.154	157.5	147.5835656	19.37	1.352	150.9	156.3989918
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1.207	155.7	149.6921424	19.31	1.368	151.5	155.4675767
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0.969	163.4	142.0185516	19.32	1.148	157	148.1486618
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0.964	170.9	137.5349652	19.3	1.22	163.2	142.1758963
0.876	168.4	138.734051	19.28	1.265	160	144.9848547
1.097	159.9	145.0817692	19.25	1.325	156.2	149.0856146
1.157	159.7	145.2773166	19.24	1.392	155.8	149.5695304
1.32	161.1	143.9560723	19.24	1.443	155.8	149.5695304
1.149	163	142.3353263	19.26	1.276	156.3	148.9662571
1.27	164.1	141.484113	19.25	1.401	157.5	147.5835656
1.157	164.4	141.262737	19.25	1.295	160.7	144.3223303
1.169	174.1	136.4050401	19.24	1.395	165.7	140.355632
1.111	177.3	135.7132992	19.25	1.313	171.3	137.3692134
1.047	172.5	136.9142707	19.24	1.142	170.3	137.796957
1.07	172.2	137.0220917	19.24	1.319	166.5	139.8387928
1.068	166.3	139.9650888	19.24	1.285	161.2	143.8658923
1.121	167.5	139.23608	19.26	1.345	163.8	141.7100752
1.238	168.5	138.6806025	19.25	1.43	161.4	143.6871825
1.143	164.8	140.9746448	19.25	1.358	159.5	145.4751667
1.199	168.7	138.5750946	19.25	1.412	162.2	142.9941199
0.945	172.1	137.0589052	19.26	1.265	169.2	138.3193881
0.865	172.1	137.0589052	19.25	1.178	168.5	138.6806025
0.859	168.9	138.471433	19.24	1.07	164.5	141.1899582
1.039	167.9	139.008273	19.22	1.15	160.8	144.2299319
0.951	163	142.3353263	19.21	1.166	158.8	146.1859844
1.037	162.9	142.4158267	19.21	1.223	159	145.9799608
0.794	164.3	141.3360215	19.21	0.944	159.6	145.3759529
0.848	171.3	137.3692134	19.21	0.922	166.4	139.9016992
0.919	174	136.4336422	19.2	1.081	168.7	138.5750946
0.946	165.3	140.6257933	19.2	1.103	159.1	145.8778326
0.915	165.3	140.6257933	19.21	1.195	160.5	144.5088047

19.37	1.636	154	151.8792052	157.8937408	Yes
19.41	1.628	152.2	154.4161117	161.153952	Yes
19.44	1.528	152.9	153.4015168	158.5790181	Yes
19.42	1.471	152.3	154.2689366	157.0303331	Yes
19.41	1.512	151.8	155.0123664	157.3619081	Yes
19.44	1.59	151.6	155.3150699	158.9119547	Yes
19.44	1.477	153	153.2595242	156.6753204	Yes
19.42	1.548	155.9	149.4475739	154.1116256	Yes
19.44	1.799	153.7	152.2858181	153.9778543	Yes
19.48	1.756	154.9	150.6969261	154.2559493	Yes
19.51	1.562	158.7	146.2898835	147.6358546	Yes
19.5	1.479	161.9	143.249962	144.3192765	Yes
19.5	1.404	166.2	140.0289626	143.3444602	Yes
19.5	1.573	160.1	144.8885107	146.5077171	Yes
19.5	1.521	157.1	148.034394	151.9652366	Yes
19.47	1.453	157	148.1486618	151.062535	Yes
19.43	1.473	155.5	149.9393426	152.9078531	Yes
19.39	1.424	157.7	147.3618674	147.6922341	Yes
19.37	1.59	156.1	149.2056183	153.0126987	Yes
19.38	1.519	156.5	148.729472	153.8962323	Yes
19.39	1.318	158.2	146.8183282	150.4772211	Yes
19.39	1.327	162.8	142.4968525	145.2245624	Yes
19.38	1.33	165.7	140.355632	141.2085518	Yes
19.36	1.258	166.1	140.0933217	140.3795768	Yes
19.33	1.257	163.8	141.7100752	141.5201434	Yes
19.3	1.431	160.4	144.6028841	146.8877579	Yes
19.28	1.54	160	144.9848547	147.4760332	Yes
19.3	1.674	159.9	145.0817692	146.3905557	Yes
19.31	1.519	160.5	144.5088047	145.5647684	Yes
19.31	1.55	162.2	142.9941199	145.1105034	Yes
19.3	1.452	165.9	140.2234999	142.9581212	Yes
19.3	1.524	172.2	137.0220917	138.3857547	Yes
19.3	1.409	178.2	135.5960285	136.6313291	Yes
19.3	1.331	175.5	136.0492916	137.296976	Yes
19.3	1.409	171.6	137.249547	138.4946865	Yes
19.31	1.474	169	138.4202926	142.3060244	Yes
19.32	1.504	169.2	138.3193881	140.6329843	Yes
19.31	1.533	164.1	141.484113	141.5757164	Yes
19.3	1.41	165.1	140.7638403	141.6592984	Yes
19.3	1.588	167.9	139.008273	140.3497125	Yes
19.31	1.396	175.2	136.1185285	137.4183904	Yes
19.29	1.168	174	136.4336422	137.7213362	Yes
19.28	1.212	166.6	139.7763685	140.2825699	Yes
19.27	1.329	166.3	139.9650888	142.3448178	Yes
19.26	1.328	163.3	142.096964	144.0942819	Yes
19.27	1.409	162.9	142.4158267	145.1963501	Yes
19.26	1.097	167.1	139.4714437	142.7477598	Yes
19.25	1.198	169.7	138.0751192	138.1480449	Yes
19.25	1.184	175.8	135.9838512	137.5518554	Yes
19.25	1.306	166.9	139.5919783	143.0077203	Yes
19.26	1.286	164.6	141.1176841	143.2413423	Yes

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7/26/2019	4:07	19.03	0.379
7/26/2019	4:08	19.02	0.436
7/26/2019	4:09	19.01	0.456
7/26/2019	4:10	18.99	0.461
7/26/2019	4:11	18.98	0.43
7/26/2019	4:12	18.97	0.495
7/26/2019	4:13	18.96	0.544
7/26/2019	4:14	18.95	0.453
7/26/2019	4:15	18.94	0.377
7/26/2019	4:16	18.93	0.545
7/26/2019	4:17	18.92	0.42
7/26/2019	4:18	18.91	0.456
7/26/2019	4:19	18.89	0.466
7/26/2019	4:20	18.87	0.498
7/26/2019	4:21	18.86	0.337
7/26/2019	4:22	18.84	0.362
7/26/2019	4:23	18.82	0.518
7/26/2019	4:24	18.81	0.481
7/26/2019	4:25	18.79	0.481
7/26/2019	4:26	18.78	0.555
7/26/2019	4:27	18.76	0.492
7/26/2019	4:28	18.74	0.492
7/26/2019	4:29	18.73	0.546
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7/26/2019	4:40	18.68	0.597
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7/26/2019	4:43	18.64	0.469
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7/26/2019	4:50	18.46	0.328
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171	137.4928614	18.95
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169.1	138.3696112	18.93
175.2	136.1185285	18.92
169.7	138.0751192	18.91
163.2	142.1758963	18.9
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161.1	143.9560723	18.87
158.5	146.4994658	18.86
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161.3	143.7762629	18.84
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162.5	142.7430964	18.8
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174.2	136.3768654	18.75
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171.1	137.4512019	18.72
171	137.4928614	18.71
164.7	141.0459134	18.69
167	139.5314724	18.67
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170.3	137.796957	18.64
165.8	140.2893212	18.62
171.7	137.21054	18.61
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167.2	139.411891	18.61
163.4	142.0185516	18.61
164.1	141.484113	18.62
164.6	141.1176841	18.61
169.8	138.0276292	18.61
165	140.8336095	18.6
159	145.9799608	18.59
162.8	142.4968525	18.57
163.3	142.096964	18.55
168.7	138.5750946	18.53
164.5	141.1899582	18.5
164.8	140.9746448	18.47
169.5	138.1714606	18.44
165.8	140.2893212	18.41
163.2	142.1758963	18.38
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0.679	153.1
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0.763	163.3
0.728	160.4
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0.961	158.9
0.868	162.1
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0.802	160
0.821	152.1
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0.571	163.6
0.629	157.2
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0.584	158.3
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157.8499471	18.98
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157.0357721	18.96
152.8379067	18.94
153.9768314	18.92
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146.7114396	18.88
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148.4952449	18.82
142.9099119	18.8
144.2299319	18.79
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142.096964	18.78
144.6028841	18.76
151.4788997	18.76
146.0826775	18.76
143.0788632	18.77
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145.9799608	18.55
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143.3363204	18.48
144.3223303	18.48
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0.979	163.4	142.0185516	19.22	1.063	159.5	145.4751667
0.815	162.5	142.7430964	19.21	1.065	156.5	148.729472
0.882	161.8	143.3363204	19.2	1.015	160.1	144.8885107
0.684	164.8	140.9746448	19.18	1.018	163.2	142.1758963
0.818	164.4	141.262737	19.17	1.004	156.5	148.729472
0.811	162.3	142.9099119	19.16	0.905	159.3	145.6753339
0.838	165.7	140.355632	19.14	0.914	164.3	141.3360215
0.907	166.6	139.7763685	19.12	1.001	163.2	142.1758963
0.874	167.6	139.1784222	19.12	1.002	159.6	145.3759529
0.904	159.7	145.2773166	19.11	0.963	160	144.9848547
0.901	162.7	142.5784051	19.09	0.981	155.1	150.441715
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0.921	156.1	149.2056183	19.06	0.986	153.6	152.4227699
0.849	161.1	143.9560723	19.05	0.827	158.6	146.3943767
0.879	158.2	146.8183282	19.03	0.954	156.4	148.8475437
0.816	160.5	144.5088047	19.01	1.051	157.2	147.9207527
0.913	162.1	143.0788632	18.99	1.044	160.5	144.5088047
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0.783	161	144.0468045	18.98	0.975	160.3	144.6975271
0.886	169.7	138.0751192	18.97	1.139	164.8	140.9746448
0.948	171	137.4928614	18.97	1.116	165	140.8336095
0.929	172.2	137.0220917	18.95	1.186	164.2	141.4098131
0.948	164.6	141.1176841	18.95	1.196	161.6	143.5106627
0.818	162.8	142.4968525	18.93	0.981	161.7	143.4232201
0.974	163.5	141.9406579	18.91	1.077	160.8	144.2299319
0.979	165.6	140.4224336	18.9	1.167	163.5	141.9406579
0.882	170.8	137.577514	18.89	1.24	164.2	141.4098131
0.936	169.7	138.0751192	18.89	1.114	166.4	139.9016992
0.789	161.9	143.249962	18.88	1.028	161.5	143.5986496
0.854	161.4	143.6871825	18.87	1.111	158	147.0339187
1.021	168.9	138.471433	18.88	1.376	161.9	143.249962
0.986	165	140.8336095	18.9	1.276	162.5	142.7430964
1.3	164.2	141.4098131	18.9	1.197	158.7	146.2898835
1.062	164.3	141.3360215	18.91	1.252	158.9	146.0826775
1.009	162.4	142.8262379	18.91	1.142	160.4	144.6028841
1.066	161.2	143.8658923	18.9	1.187	159.1	145.8778326
0.984	164.7	141.0459134	18.89	1.235	159.7	145.2773166
0.92	162.9	142.4158267	18.87	1.102	158.9	146.0826775
0.98	158.5	146.4994658	18.85	1.184	157.9	147.1426245
0.875	154.7	150.9548471	18.83	1.018	154	151.8792052
0.806	158.1	146.9258206	18.79	0.896	157.4	147.6953406
0.672	166	140.1581671	18.75	0.856	163.1	142.25535
0.795	164	141.5589225	18.71	0.915	163.2	142.1758963
0.691	164.2	141.4098131	18.67	0.839	163.5	141.9406579
0.811	166.7	139.7144254	18.64	0.914	161.8	143.3363204
0.727	162.7	142.5784051	18.61	0.882	160.4	144.6028841
0.793	162.4	142.8262379	18.58	0.89	161.3	143.7762629
0.89	164.9	140.9038772	18.57	1.067	165.1	140.7638403
0.981	168.4	138.734051	18.58	1.188	163.8	141.7100752
0.941	158.1	146.9258206	18.59	1.011	160.5	144.5088047

19.26	1.316	165	140.8336095	144.3550915	Yes
19.27	1.306	161.5	143.5986496	145.2913086	Yes
19.26	1.198	162.8	142.4968525	144.5468123	Yes
19.25	1.171	165.4	140.557513	143.6676602	Yes
19.23	1.023	165.2	140.6945686	141.7501187	Yes
19.21	1.117	161.4	143.6871825	143.6842526	Yes
19.21	1.127	163.9	141.6342428	143.1425702	Yes
19.18	1.094	168.6	138.6276173	141.4847743	Yes
19.17	1.205	167.9	139.008273	141.0126886	Yes
19.16	1.192	165.8	140.2893212	143.9369386	Yes
19.15	1.229	161.2	143.8658923	145.6255008	Yes
19.13	1.231	161.2	143.8658923	145.7341634	Yes
19.11	1.192	159.7	145.2773166	149.6875255	Yes
19.1	1.14	159.2	145.7762909	153.119573	Yes
19.09	1.176	161.4	143.6871825	147.7462177	Yes
19.08	1.175	158	147.0339187	148.0700104	Yes
19.06	1.184	159.8	145.1792559	146.0396404	Yes
19.04	1.237	165	140.8336095	144.3141462	Yes
19.04	1.089	159.2	145.7762909	149.6099551	Yes
19.04	1.152	165.7	140.355632	144.0375849	Yes
19.03	1.206	170.4	137.7521729	139.3224777	Yes
19.03	1.307	170.4	137.7521729	139.0136381	Yes
19.03	1.245	170.5	137.7078372	139.5346142	Yes
19.02	1.201	170.3	137.796957	141.587785	Yes
19	1.165	166.3	139.9650888	143.8653077	Yes
18.98	1.352	166.5	139.8387928	142.1529935	Yes
18.98	1.253	168.5	138.6806025	141.1202242	Yes
18.97	1.258	171.5	137.2889944	140.2336566	Yes
18.96	1.251	171.2	137.4099861	139.4676848	Yes
18.95	1.148	167.3	139.3528135	142.9352042	Yes
18.96	1.27	164.6	141.1176841	144.8526352	Yes
18.98	1.427	166	140.1581671	142.0068931	Yes
18.99	1.344	166.7	139.7144254	141.0798796	Yes
18.99	1.574	165.6	140.4224336	143.4291851	Yes
19	1.387	162.8	142.4968525	144.9380925	Yes
18.99	1.345	163.7	141.786421	145.0650222	Yes
18.98	1.368	164.6	141.1176841	145.0772457	Yes
18.97	1.209	166.4	139.9016992	143.0396487	Yes
18.95	1.292	162.6	142.6604859	143.5792421	Yes
18.93	1.237	163.8	141.7100752	148.5465226	Yes
18.89	1.168	159.2	145.7762909	152.1769245	Yes
18.85	1.06	161.5	143.5986496	147.2169251	Yes
18.8	0.894	168.5	138.6806025	140.7129733	Yes
18.76	1.101	168.7	138.5750946	143.2113824	Yes
18.72	1.016	169.4	138.2203136	141.2896813	Yes
18.69	1.053	166.4	139.9016992	141.8005418	Yes
18.66	0.972	166.2	140.0289626	143.5455125	Yes
18.63	1.091	165.2	140.6945686	143.9802554	Yes
18.63	1.183	170.6	137.6639493	141.3903877	Yes
18.64	1.266	171.7	137.21054	140.888605	Yes
18.67	1.221	166.7	139.7144254	145.5439749	Yes

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0.752	172.3
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0.927	183	135.5365272	18.97	1.187	178.3	135.5850754
1.004	177.7	135.6570213	18.99	1.048	176	135.9423289
0.839	181	135.4457063	19	1.249	174.4	136.3217962
1.051	182.9	135.52806	19.01	1.141	174.1	136.4050401
0.899	182.6	135.5051412	19.02	1.012	176.6	135.8278372
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0.877	179.8	135.4704656	19.03	1.13	176.4	135.8643244
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0.716	181.9	135.4661321	19.04	0.933	178.2	135.5960285
0.77	186.9	136.1915717	19.05	0.999	177	135.759882
0.856	185	135.7930238	19.06	1.037	175.4	136.0719483
0.885	182.5	135.4983288	19.08	0.971	178.5	135.564413
0.907	183.2	135.5547035	19.08	1	176.7	135.8102214
1.011	184.3	135.6843278	19.09	1.094	178.5	135.564413
0.924	184.6	135.7284098	19.1	0.96	180	135.4622116
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1.047	191.4	137.7521729	19.13	1.195	182.4	135.4919297
1.078	187.8	136.4336422	19.15	1.055	181.1	135.4463252
0.926	184.2	135.6704665	19.16	1.011	181.5	135.452927
0.94	184.2	135.6704665	19.16	1.129	175.7	136.0052434
0.875	182.6	135.5051412	19.15	1.179	175.1	136.1424529
0.985	179.9	135.4661321	19.14	1.111	174.1	136.4050401
1.067	180	135.4622116	19.14	1.11	171.8	137.171973
1.013	177.2	135.7284098	19.13	1.217	173.5	136.5830783
0.898	176	135.9423289	19.13	1.113	170.7	137.6205085
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0.728	183.2	135.5547035	19.12	0.929	174.3	136.3491176
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1.035	166.8	139.6529623	19.12	1.334	163.5	141.9406579
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18.68	1.178	163.6	141.8632814	144.3887886	Yes
18.7	1.341	162.5	142.7430964	147.3356264	Yes
18.71	1.295	161.8	143.3363204	148.6837496	Yes
18.73	1.388	163.2	142.1758963	147.657674	Yes
18.76	1.367	165.2	140.6945686	145.9877703	Yes
18.79	1.474	164.4	141.262737	143.9231199	Yes
18.82	1.381	167.9	139.008273	142.489816	Yes
18.83	1.279	166.8	139.6529623	141.4906672	Yes
18.84	1.345	168	138.952495	141.7323491	Yes
18.84	1.333	167.5	139.23608	142.3367168	Yes
18.86	1.392	171.7	137.21054	139.9307556	Yes
18.87	1.205	174.8	136.2167669	138.8600228	Yes
18.87	1.277	177.8	135.6439919	137.4757689	Yes
18.89	1.245	177.3	135.7132992	137.2627688	Yes
18.94	1.402	177.8	135.6439919	136.2611428	Yes
18.96	1.212	181.5	135.452927	136.2797506	Yes
18.99	1.255	185.2	135.8278372	135.8338644	Yes
19.01	1.243	181	135.4457063	136.0391634	Yes
19.03	1.249	183.2	135.5547035	135.8739346	Yes
19.05	1.307	182	135.4704656	135.775802	Yes
19.06	1.255	182.2	135.4803714	135.8024269	Yes
19.07	1.336	184.4	135.6986053	135.986002	Yes
19.07	1.131	184.4	135.6986053	135.598996	Yes
19.08	1.149	187.8	136.4336422	135.7339453	Yes
19.08	1.182	184.2	135.6704665	136.1504475	Yes
19.08	1.114	185.2	135.8278372	136.0672786	Yes
19.08	1.053	186.9	136.1915717	135.6238765	Yes
19.09	1.128	185.7	135.9221983	135.7408059	Yes
19.1	1.217	183	135.5365272	135.9806115	Yes
19.12	1.187	185.3	135.8458714	135.7060936	Yes
19.13	1.248	184.4	135.6986053	135.78545	Yes
19.13	1.254	188.8	136.743267	135.8268212	Yes
19.15	1.202	188.3	136.5830783	135.5291227	Yes
19.16	1.218	185.7	135.9221983	135.563163	Yes
19.17	1.355	192.8	138.4202926	136.1581082	Yes
19.19	1.365	193.1	138.5750946	136.0612782	Yes
19.2	1.192	190.8	137.4928614	135.5784821	Yes
19.2	1.264	187.2	136.2684311	135.8488354	Yes
19.19	1.174	184.5	135.7132992	135.9165779	Yes
19.19	1.315	179	135.5200067	136.2771923	Yes
19.19	1.314	180.7	135.4463252	136.2026027	Yes
19.19	1.326	182.8	135.5200067	136.2903819	Yes
19.18	1.295	180	135.4622116	137.0673457	Yes
19.18	1.154	179.8	135.4704656	135.8619495	Yes
19.16	0.99	181.2	135.4473567	136.0316395	Yes
19.15	1.288	179.7	135.475212	136.407911	Yes
19.15	1.409	175.5	136.0492916	139.0241842	Yes
19.17	1.402	171.9	137.1338452	139.8827469	Yes
19.17	1.38	169.7	138.0751192	141.0301148	Yes
19.17	1.325	169.1	138.3696112	140.2978515	Yes
19.16	1.425	170.2	137.8421902	139.6253447	Yes

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180.3	135.452927	19.14
183	135.5365272	19.16

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0.816	168.5
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0.986	160.6
0.946	167.8
0.846	162.6
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1	166.8
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0.958	165.8
0.906	171.3
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0.804	174.6
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0.942	167.5
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0.851	171.6
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0.854	190.4
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0.836	194.3
0.852	195.8
0.714	191.4
0.733	191.6
0.999	186.8
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1.028	177.5
0.907	181.6
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0.989	174.3
1.309	173.5
1.102	178.3
1.105	176

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135.5850754	19.22
135.9423289	19.23

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1.085	177.2	135.7284098	19.12	1.304	171.2	137.4099861
1.038	173.5	136.5830783	19.12	1.197	168.6	138.6276173
1.113	172.9	136.7766005	19.12	1.193	170.3	137.796957
1.042	176.6	135.8278372	19.11	1.224	174.6	136.2684311
1.069	174.5	136.2949008	19.1	1.175	171.4	137.328883
1.061	175.9	135.9628798	19.1	1.194	168.2	138.8423412
1.09	176.2	135.9024875	19.1	1.178	171.4	137.328883
0.983	175.9	135.9628798	19.12	1.151	172.4	136.949775
1.114	176.3	135.8831963	19.11	1.315	169.3	138.2696225
1.168	170.7	137.6205085	19.13	1.346	165.4	140.557513
1.057	172.1	137.0589052	19.14	1.318	167.9	139.008273
1.034	172.1	137.0589052	19.14	1.256	163.2	142.1758963
1.154	165.6	140.4224336	19.15	1.24	160.7	144.3223303
1.026	167.2	139.411891	19.16	1.231	161.2	143.8658923
1.133	164.8	140.9746448	19.16	1.382	160.6	144.4152874
1.188	167.1	139.4714437	19.17	1.389	164.9	140.9038772
1.186	173.1	136.7103661	19.19	1.422	165.8	140.2893212
1.175	172.1	137.0589052	19.2	1.392	165.5	140.4897269
1.164	174.6	136.2684311	19.21	1.331	169.7	138.0751192
1.108	179.7	135.475212	19.22	1.346	171.4	137.328883
0.921	180.6	135.4473567	19.22	1.212	172.9	136.7766005
1.044	172.5	136.9142707	19.22	1.125	167.3	139.3528135
1.026	178.6	135.5547035	19.22	1.253	174.6	136.2684311
1.298	178.3	135.5850754	19.23	1.389	170.6	137.6639493
1.23	175.3	136.0950271	19.25	1.342	167.9	139.008273
1.101	177.4	135.6986053	19.27	1.429	168.9	138.471433
1.023	177.4	135.6986053	19.28	1.224	171.7	137.21054
1.033	179.6	135.4803714	19.28	1.026	173.3	136.6458601
1.088	181.8	135.4622116	19.27	1.262	176.6	135.8278372
1.129	188.2	136.5523328	19.29	1.293	181	135.4457063
1.1	192.7	138.3696112	19.31	1.43	185.6	135.9024875
1.102	189.4	136.949775	19.31	1.267	184.7	135.7439374
1.054	195.3	139.8387928	19.33	1.21	189.5	136.9857152
0.885	196.9	140.9038772	19.33	1.16	189.5	136.9857152
1.003	197.5	141.3360215	19.32	1.207	190.7	137.4512019
1.048	200.1	143.4232201	19.31	1.221	190.1	137.21054
0.979	198.2	141.8632814	19.3	1.191	189.3	136.9142707
1.073	193	138.5230334	19.3	1.144	189	136.810367
1.005	192.4	138.2203136	19.28	1.068	184.7	135.7439374
1.146	191.9	137.9805921	19.26	1.345	185.7	135.9221983
1.028	185.9	135.9628798	19.25	1.147	182.7	135.5123672
1.26	187.4	136.3217962	19.25	1.524	178.7	135.5454083
1.199	183.8	135.6191797	19.25	1.418	177	135.759882
1.148	183.1	135.5454083	19.25	1.257	179.1	135.5123672
1.22	187	136.2167669	19.25	1.549	176.7	135.8102214
1.383	186.6	136.1185285	19.26	1.585	177.6	135.6704665
1.255	182.1	135.475212	19.27	1.438	176.1	135.9221983
1.387	184.8	135.759882	19.28	1.76	177.1	135.7439374
1.322	181.5	135.452927	19.29	1.488	173.4	136.6142539
1.325	181.6	135.4556091	19.31	1.485	175.1	136.1424529

19.17	1.417	170.2	137.8421902	137.6006868	Yes
19.17	1.371	176.8	135.7930238	137.0076882	Yes
19.17	1.32	178.4	135.5745369	137.2414367	Yes
19.16	1.34	176.7	135.8102214	137.339225	Yes
19.15	1.403	182.1	135.475212	136.0725482	Yes
19.15	1.389	176.3	135.8831963	137.2611482	Yes
19.14	1.323	180	135.4622116	137.2296956	Yes
19.15	1.412	181	135.4457063	136.8930101	Yes
19.16	1.294	176.7	135.8102214	136.8691134	Yes
19.15	1.419	176.7	135.8102214	137.0466543	Yes
19.17	1.432	175.2	136.1185285	139.5593252	Yes
19.18	1.367	173.6	136.5523328	137.928694	Yes
19.19	1.378	171.1	137.4512019	139.7960705	Yes
19.19	1.418	165.8	140.2893212	143.3748949	Yes
19.2	1.311	167.1	139.4714437	142.2464378	Yes
19.2	1.459	167.6	139.1784222	143.7652373	Yes
19.21	1.511	167	139.5314724	141.3412774	Yes
19.23	1.44	172.5	136.9142707	138.4278887	Yes
19.24	1.551	173	136.743267	138.5707897	Yes
19.26	1.443	174.6	136.2684311	137.7594779	Yes
19.26	1.447	179.1	135.5123672	136.4793114	Yes
19.26	1.219	179.3	135.4983288	136.16784	Yes
19.25	1.332	174.9	136.1915717	138.0189149	Yes
19.26	1.365	180.6	135.4473567	135.8905078	Yes
19.27	1.53	177.4	135.6986053	137.0883641	Yes
19.3	1.535	174.7	136.2423866	137.4549379	Yes
19.32	1.401	174	136.4336422	137.3299181	Yes
19.32	1.331	178.3	135.5850754	137.2356009	Yes
19.32	1.298	182.2	135.4803714	136.0397339	Yes
19.31	1.287	183.3	135.564413	136.0004519	Yes
19.32	1.388	188.9	136.7766005	136.0825419	Yes
19.34	1.364	193.3	138.6806025	137.83271	Yes
19.35	1.404	192.9	138.471433	137.3046262	Yes
19.36	1.404	198.2	141.8632814	138.0334958	Yes
19.36	1.239	197	140.9746448	138.4451837	Yes
19.35	1.301	200.8	144.0468045	139.6963586	Yes
19.35	1.291	200.5	143.7762629	139.8353209	Yes
19.34	1.352	201.2	144.4152874	139.7572602	Yes
19.33	1.327	197.2	141.1176841	138.1846339	Yes
19.3	1.302	197.3	141.1899582	137.4351121	Yes
19.29	1.466	195.9	140.2234999	136.7371981	Yes
19.28	1.419	190.8	137.4928614	135.6486127	Yes
19.28	1.628	191.1	137.6205085	135.9512602	Yes
19.28	1.544	187.7	136.4050401	135.7058179	Yes
19.28	1.401	189.4	136.949775	135.5029283	Yes
19.28	1.576	185.7	135.9221983	135.7541106	Yes
19.29	1.562	184.7	135.7439374	136.597949	Yes
19.3	1.537	186.9	136.1915717	135.907431	Yes
19.31	1.774	187.4	136.3217962	135.939341	Yes
19.32	1.659	184	135.6439919	135.7762958	Yes
19.34	1.668	183.1	135.5454083	135.7692295	Yes

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7/26/2019	6:37	19.15	0.82
7/26/2019	6:38	19.16	0.801
7/26/2019	6:39	19.17	0.858
7/26/2019	6:40	19.18	0.891
7/26/2019	6:41	19.19	0.669
7/26/2019	6:42	19.2	0.919
7/26/2019	6:43	19.22	0.723
7/26/2019	6:44	19.23	0.68
7/26/2019	6:45	19.24	0.917
7/26/2019	6:46	19.26	0.819
7/26/2019	6:47	19.27	0.723
7/26/2019	6:48	19.28	0.643
7/26/2019	6:49	19.29	0.688
7/26/2019	6:50	19.29	0.912
7/26/2019	6:51	19.31	0.817
7/26/2019	6:52	19.33	0.825
7/26/2019	6:53	19.34	0.718
7/26/2019	6:54	19.35	0.857
7/26/2019	6:55	19.36	0.776
7/26/2019	6:56	19.38	0.729
7/26/2019	6:57	19.39	0.77
7/26/2019	6:58	19.4	0.736
7/26/2019	6:59	19.42	0.797
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7/26/2019	7:01	19.47	0.632
7/26/2019	7:02	19.48	0.679
7/26/2019	7:03	19.49	0.846
7/26/2019	7:04	19.51	0.611
7/26/2019	7:05	19.52	0.735
7/26/2019	7:06	19.53	0.743
7/26/2019	7:07	19.54	0.815
7/26/2019	7:08	19.55	0.852
7/26/2019	7:09	19.56	0.761
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7/26/2019	7:11	19.61	1.028
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7/26/2019	7:15	19.66	0.856
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7/26/2019	7:20	19.72	0.738
7/26/2019	7:21	19.74	0.767
7/26/2019	7:22	19.75	0.837
7/26/2019	7:23	19.78	0.968
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188.7	136.7103661	19.17
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189.6	137.0220917	19.21
190.1	137.21054	19.23
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195.1	139.7144254	19.29
199.8	143.1641434	19.3
191.8	137.9340071	19.31
189.9	137.1338452	19.31
189	136.810367	19.33
193.9	139.008273	19.35
187.7	136.4050401	19.37
182.7	135.5123672	19.38
188	136.4921301	19.39
186	135.9838512	19.4
188	136.4921301	19.42
189.8	137.0961561	19.44
183	135.5365272	19.45
192.9	138.471433	19.47
195.6	140.0289626	19.49
190.8	137.4928614	19.51
188.7	136.7103661	19.52
179.8	135.4704656	19.54
183.3	135.564413	19.55
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188.3	136.5830783	19.57
183.8	135.6191797	19.58
174.2	136.3768654	19.59
175.2	136.1185285	19.61
182.7	135.5123672	19.62
187.1	136.2423866	19.65
184.6	135.7284098	19.67
190.2	137.249547	19.68
183	135.5365272	19.69
186.4	136.0719483	19.7
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190.5	137.3692134	19.74
189.3	136.9142707	19.75
191	137.577514	19.77
190.3	137.2889944	19.79
191.8	137.9340071	19.81
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185.8	135.9423289	19.89

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1.077	187.6
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1.219	185.5
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1.137	185.6
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1.114	180.6
1.19	175.8
1.188	181.2
1.119	184.4
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1.064	178
1.084	181.9
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1.045	170
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1.303	179
1.31	180
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1.158	182.8
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135.4556091	19.75
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136.0270567	19.87
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1.544	185.8	135.9423289	19.32	1.823	177.5	135.6843278
1.431	186	135.9838512	19.34	1.565	180.8	135.4457063
1.454	184.8	135.759882	19.34	1.625	177.7	135.6570213
1.468	189.6	137.0220917	19.35	1.633	181.3	135.4488008
1.328	190.9	137.5349652	19.35	1.641	182.9	135.52806
1.678	189.8	137.0961561	19.38	1.996	182.7	135.5123672
1.334	191.9	137.9805921	19.41	1.512	186.4	136.0719483
1.268	194.5	139.3528135	19.41	1.71	188.7	136.7103661
1.554	194.1	139.1212357	19.43	1.902	186.1	136.0052434
1.373	195.4	139.9016992	19.45	1.578	191.1	137.6205085
1.417	193.7	138.8971847	19.45	1.577	185.9	135.9628798
1.271	194.5	139.3528135	19.45	1.51	187	136.2167669
1.359	190.1	137.21054	19.45	1.488	183	135.5365272
1.545	191.2	137.6639493	19.47	1.682	183.8	135.6191797
1.414	193.2	138.6276173	19.51	1.737	182.3	135.4859439
1.534	189.3	136.9142707	19.53	1.692	180.4	135.4506575
1.394	186	135.9838512	19.54	1.568	178.6	135.5547035
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1.373	189.3	136.9142707	19.57	1.686	180.9	135.4455
1.207	187.5	136.3491176	19.57	1.509	184.1	135.6570213
1.408	188.9	136.7766005	19.58	1.555	181.2	135.4473567
1.424	182.6	135.5051412	19.58	1.603	177.5	135.6843278
1.43	189.1	136.8445673	19.62	1.653	180.2	135.4556091
1.371	189.2	136.8792016	19.63	1.641	183.6	135.5960285
1.187	192.9	138.471433	19.65	1.577	186.6	136.1185285
1.206	187	136.2167669	19.65	1.539	183.5	135.5850754
1.362	178.9	135.52806	19.67	1.53	173.6	136.5523328
1.105	185.4	135.8643244	19.68	1.443	179.9	135.4661321
1.245	190.4	137.328883	19.68	1.511	180.9	135.4455
1.258	191.1	137.6205085	19.69	1.488	180.5	135.4488008
1.317	182.6	135.5051412	19.7	1.539	175.5	136.0492916
1.335	178.7	135.5454083	19.71	1.587	171.9	137.1338452
1.333	181	135.4457063	19.71	1.513	176.5	135.8458714
1.56	185.2	135.8278372	19.74	1.876	178.6	135.5547035
1.627	190.6	137.4099861	19.78	1.869	180.7	135.4463252
1.448	183.3	135.564413	19.8	1.63	179.4	135.4919297
1.256	185.9	135.9628798	19.79	1.586	180.6	135.4473567
1.464	181.8	135.4622116	19.78	1.508	174.2	136.3768654
1.463	188.1	136.5220169	19.78	1.678	184.2	135.6704665
1.322	185.1	135.8102214	19.8	1.602	179.7	135.475212
1.379	185.1	135.8102214	19.81	1.557	175.7	136.0052434
1.405	188.5	136.6458601	19.82	1.648	181.3	135.4488008
1.318	188.2	136.5523328	19.81	1.399	184.6	135.7284098
1.368	188.3	136.5830783	19.82	1.59	183.2	135.5547035
1.439	189	136.810367	19.84	1.637	181.8	135.4622116
1.604	190.5	137.3692134	19.86	1.777	183	135.5365272
1.621	190.6	137.4099861	19.88	1.827	183.1	135.5454083
1.191	186.2	136.0270567	19.89	1.451	183.4	135.5745369
1.602	191.7	137.8878733	19.9	2.01	185.6	135.9024875
1.463	187.7	136.4050401	19.92	1.622	179.4	135.4919297

19.34	1.833	190.2	137.249547	135.8602619	Yes
19.35	1.898	189.8	137.0961561	136.0457236	Yes
19.36	1.866	191.2	137.6639493	135.7224776	Yes
19.36	1.825	189.3	136.9142707	135.6580986	Yes
19.37	1.88	193.4	138.734051	135.8760234	Yes
19.37	1.626	191.6	137.8421902	136.449604	Yes
19.41	2.172	193	138.5230334	136.3161924	Yes
19.44	1.641	195.9	140.2234999	137.1407089	Yes
19.43	1.638	196.1	140.355632	138.3382936	Yes
19.45	2.082	197.5	141.3360215	137.8677777	Yes
19.48	1.736	203.2	146.3943767	138.5289587	Yes
19.48	1.716	195.2	139.7763685	138.5539449	Yes
19.48	1.604	197.7	141.484113	137.4701132	Yes
19.48	1.687	196.9	140.9038772	136.3502298	Yes
19.51	1.874	194.2	139.1784222	136.4120499	Yes
19.55	1.73	194.3	139.23608	137.2512576	Yes
19.56	1.848	191.5	137.796957	136.0538671	Yes
19.57	1.814	190.3	137.2889944	135.670575	Yes
19.56	1.692	195.6	140.0289626	136.568591	Yes
19.6	1.722	191.4	137.7521729	136.0615273	Yes
19.6	1.609	193.2	138.6276173	136.052892	Yes
19.62	1.799	191.6	137.8421902	136.1918675	Yes
19.62	1.709	188.1	136.5220169	135.6774618	Yes
19.65	1.708	186.6	136.1185285	136.5547415	Yes
19.67	1.872	194.2	139.1784222	137.0506995	Yes
19.69	1.643	196.9	140.9038772	137.4366931	Yes
19.69	1.642	190.7	137.4512019	136.1086017	Yes
19.71	1.774	181.9	135.4661321	136.1617536	Yes
19.71	1.506	190.8	137.4928614	135.6285123	Yes
19.72	1.637	190.3	137.2889944	136.133854	Yes
19.72	1.495	186.9	136.1915717	136.3017728	Yes
19.73	1.6	182.5	135.4983288	135.7789854	Yes
19.74	1.674	180.4	135.4506575	136.7475315	Yes
19.75	1.651	183.6	135.5960285	135.7701432	Yes
19.78	1.986	187.4	136.3217962	135.6037287	Yes
19.82	1.999	193.1	138.5750946	136.1402274	Yes
19.83	1.83	189.4	136.949775	135.67181	Yes
19.82	1.585	190.7	137.4512019	136.0449475	Yes
19.81	1.706	185.5	135.8831963	135.9176263	Yes
19.81	1.905	190.8	137.4928614	135.9709028	Yes
19.84	1.743	189	136.810367	135.8467256	Yes
19.85	1.711	187.8	136.4336422	135.9264104	Yes
19.85	1.846	191.9	137.9805921	136.238951	Yes
19.85	1.607	195.4	139.9016992	136.1923876	Yes
19.85	1.752	194.9	139.5919783	136.4525807	Yes
19.88	1.836	190.2	137.249547	136.2840275	Yes
19.89	1.979	192.9	138.471433	136.5986128	Yes
19.91	2.074	194.1	139.1212357	136.1350138	Yes
19.91	1.561	189.2	136.8792016	135.6365604	Yes
19.93	2.17	193.9	139.008273	136.7283934	Yes
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7/26/2019	7:38	19.99	0.701
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7/26/2019	7:41	20.02	0.827
7/26/2019	7:42	20.05	0.817
7/26/2019	7:43	20.07	0.718
7/26/2019	7:44	20.09	0.738
7/26/2019	7:45	20.11	0.773
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7/26/2019	7:48	20.18	0.909
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7/26/2019	7:50	20.21	0.893
7/26/2019	7:51	20.23	0.762
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7/26/2019	7:54	20.27	0.835
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1.558	187.3	136.2949008	19.99	1.834	178.9	135.52806
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1.517	185.7	135.9221983	20.05	1.772	180.2	135.4556091
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1.53	196.4	140.557513	20.06	1.801	187.9	136.4626721
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1.388	196.1	140.355632	20.06	1.587	190.3	137.2889944
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1.277	187.5	136.3491176	20.16	1.664	182	135.4704656
1.424	186.6	136.1185285	20.19	1.779	185.1	135.8102214
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1.298	190.1	137.21054	20.21	1.739	183.9	135.6313781
1.627	188.7	136.7103661	20.23	1.835	184.7	135.7439374
1.407	189.3	136.9142707	20.24	1.836	183.4	135.5745369
1.414	185.6	135.9024875	20.26	1.704	181.4	135.4506575
1.411	188.3	136.5830783	20.27	1.692	179.3	135.4983288
1.636	184.8	135.759882	20.28	1.794	176.5	135.8458714
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1.51	193.5	138.7879636	20.31	1.827	186.4	136.0719483
1.369	195.1	139.7144254	20.33	1.91	187.4	136.3217962
1.465	190.7	137.4512019	20.38	1.715	187.8	136.4336422
1.559	191.9	137.9805921	20.39	1.803	185.4	135.8643244
1.463	194	139.0645196	20.38	1.591	188.4	136.6142539
1.562	193.7	138.8971847	20.39	1.929	190	137.171973
1.704	201.4	144.6028841	20.44	2.099	196.3	140.4897269
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1.874	197.8	141.5589225	20.47	2.288	193.3	138.6806025
1.51	194.3	139.23608	20.5	2.007	188.5	136.6458601
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1.932	194.7	139.4714437	20.46	2.309	187.1	136.2423866
2.12	192.7	138.3696112	20.48	2.458	184.6	135.7284098
1.576	189.3	136.9142707	20.48	1.974	187.9	136.4626721
1.74	193	138.5230334	20.46	2.192	187.5	136.3491176
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1.633	185.3	135.8458714	20.5	1.889	179.1	135.5123672
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19.96	1.836	197.3	141.1899582	136.8769904	Yes
19.98	2.038	191.9	137.9805921	136.0685438	Yes
20	1.621	188.4	136.6142539	135.5585172	Yes
20.01	1.831	191.3	137.7078372	135.8897088	Yes
20.02	1.993	186.4	136.0719483	135.9131125	Yes
20.05	2.445	189.6	137.0220917	136.0857673	Yes
20.08	1.956	190.7	137.4512019	135.9433969	Yes
20.07	1.882	190.9	137.5349652	136.0283678	Yes
20.07	2.12	195.7	140.0933217	136.168359	Yes
20.08	2.011	195.9	140.2234999	135.9510448	Yes
20.08	1.871	199	142.4968525	139.1078271	Yes
20.09	1.875	201.3	144.5088047	139.8228266	Yes
20.08	1.727	202.4	145.5749597	138.2668662	Yes
20.09	1.705	201.8	144.9848547	142.1877989	Yes
20.12	1.836	200.1	143.4232201	137.9398005	Yes
20.16	1.858	201.6	144.7927354	139.2402646	Yes
20.18	1.475	199.7	143.0788632	138.2277262	Yes
20.2	1.757	193.1	138.5750946	135.8298831	Yes
20.22	1.795	191.3	137.7078372	137.085967	Yes
20.22	1.968	191.7	137.8878733	135.8279988	Yes
20.24	1.721	192.8	138.4202926	137.2476435	Yes
20.26	2.051	194	139.0645196	136.378518	Yes
20.27	1.815	194.4	139.2942101	136.3949454	Yes
20.28	1.813	189.3	136.9142707	135.8385697	Yes
20.29	1.909	190.8	137.4928614	135.9214699	Yes
20.3	2.08	191.1	137.6205085	135.7458632	Yes
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20.41	2.109	199.8	143.1641434	138.6746895	Yes
20.47	2.329	205.9	149.4475739	143.0342337	Yes
20.49	2.096	201.2	144.4152874	139.0135277	Yes
20.51	2.456	202.8	145.9799608	142.5831058	Yes
20.53	2.013	197.2	141.1176841	139.0332283	Yes
20.52	2.519	200	143.3363204	138.9649829	Yes
20.53	2.155	200.7	143.9560723	140.6848576	Yes
20.5	2.589	197.4	141.262737	138.8926731	Yes
20.52	2.873	193.5	138.7879636	137.3631652	Yes
20.51	2.077	196.4	140.557513	137.6212212	Yes
20.49	2.327	196.4	140.557513	137.5876544	Yes
20.49	2.098	191.5	137.796957	135.7961092	Yes
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20.53	2.329	187.9	136.4626721	135.706517	Yes
20.53	2.094	193.5	138.7879636	137.1770101	Yes
20.53	2.142	189	136.810367	135.6492422	Yes
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16.19
18.77
7.82
11.03
6.5
9.07
8.63
7.2
7.85
4.929
7.41
11.49
14.8
6.063
4.226
6.546
9.07
10.2

7/26/2019	8:18	20.52	0.684
7/26/2019	8:19	20.55	0.915
7/26/2019	8:20	20.57	0.947
7/26/2019	8:21	20.59	0.888
7/26/2019	8:22	20.62	0.948
7/26/2019	8:23	20.65	0.859
7/26/2019	8:24	20.67	0.74
7/26/2019	8:25	20.7	0.765
7/26/2019	8:26	20.71	0.853
7/26/2019	8:27	20.73	0.81
7/26/2019	8:28	20.74	0.85
7/26/2019	8:29	20.75	0.88
7/26/2019	8:30	20.77	0.851
7/26/2019	8:31	20.77	0.934
7/26/2019	8:32	20.78	0.853
7/26/2019	8:33	20.78	0.803
7/26/2019	8:34	20.79	0.893
7/26/2019	8:35	20.78	1.061
7/26/2019	8:36	20.79	0.817
7/26/2019	8:37	20.79	0.812
7/26/2019	8:38	20.8	0.905
7/26/2019	8:39	20.81	0.755
7/26/2019	8:40	20.82	1.015
7/26/2019	8:41	20.83	1.003
7/26/2019	8:42	20.84	0.761
7/26/2019	8:43	20.86	0.762
7/26/2019	8:44	20.88	0.753
7/26/2019	8:45	20.9	0.789
7/26/2019	8:46	20.92	0.767
7/26/2019	8:47	20.95	1.061
7/26/2019	8:48	20.98	0.937
7/26/2019	8:49	21.01	0.91
7/26/2019	8:50	21.04	0.74
7/26/2019	8:51	21.08	0.665
7/26/2019	8:52	21.12	0.948
7/26/2019	8:53	21.15	1.051
7/26/2019	8:54	21.19	0.983
7/26/2019	8:55	21.22	0.969
7/26/2019	8:56	21.24	1.034
7/26/2019	8:57	21.26	0.925
7/26/2019	8:58	21.29	1.049
7/26/2019	8:59	21.3	0.816
7/26/2019	9:00	21.33	0.63
7/26/2019	9:01	21.35	0.882
7/26/2019	9:02	21.37	0.839
7/26/2019	9:03	21.4	0.646
7/26/2019	9:04	21.42	0.84
7/26/2019	9:05	21.46	0.8
7/26/2019	9:06	21.49	1.032
7/26/2019	9:07	21.53	0.826
7/26/2019	9:08	21.59	0.827

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189.1	136.8445673	20.64
181.5	135.452927	20.67
186.6	136.1185285	20.7
184.9	135.7762441	20.73
194.2	139.1784222	20.76
184.4	135.6986053	20.79
192.8	138.4202926	20.81
203.5	146.7114396	20.82
192	138.0276292	20.83
190	137.171973	20.85
191.7	137.8878733	20.86
188.2	136.5523328	20.87
188.4	136.6142539	20.88
183.6	135.5960285	20.88
192.3	138.1714606	20.88
190	137.171973	20.88
192.6	138.3193881	20.88
193.7	138.8971847	20.89
184.5	135.7132992	20.89
188.7	136.7103661	20.9
177.9	135.6313781	20.92
196.3	140.4897269	20.93
192.2	138.1230627	20.94
197.9	141.6342428	20.96
203.6	146.8183282	20.97
200.7	143.9560723	20.99
185.6	135.9024875	21.03
207	150.8255466	21.05
178.9	135.52806	21.08
194.3	139.23608	21.11
204.1	147.3618674	21.14
192.8	138.4202926	21.18
184.9	135.7762441	21.23
195.6	140.0289626	21.28
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190.9	137.5349652	21.34
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200	143.3363204	21.4
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203.9	147.1426245	21.47
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188.2	136.5523328	21.56
203.2	146.3943767	21.59
192.9	138.471433	21.63
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197.7	141.484113	21.71
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1.206	188.6
1.087	182
1.075	179.4
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1.35	181.7
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1.234	191.4
1.213	188.1
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1.143	186
1.414	183.6
1.417	188.6
1.18	194.7
1.256	193.8
1.201	190.7
1.562	196
1.183	194.1
1.095	189.8
1.371	194.8
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1.312	190.5
1.069	188.9
1.424	189.9
0.967	189.4
1.156	195.1

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135.9024875	20.65
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135.6439919	20.74
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135.6704665	20.77
135.6843278	20.78
135.5123672	20.79
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135.5200067	20.83
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141.262737	20.88
137.0589052	20.89
135.4473567	20.92
138.952495	20.94
135.52806	20.98
136.0950271	21.01
137.7521729	21.04
136.5220169	21.08
135.6073966	21.12
135.9838512	21.17
135.5960285	21.2
136.6778973	21.23
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138.952495	21.27
137.4512019	21.29
140.2893212	21.31
139.1212357	21.32
137.0961561	21.36
139.5314724	21.38
138.2203136	21.4
135.5200067	21.43
137.3692134	21.46
136.7766005	21.49
137.1338452	21.52
136.949775	21.57
139.7144254	21.62

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1.63	185.4	135.8643244	20.59	1.875	176.1	135.9221983
1.564	178.3	135.5850754	20.61	1.773	170.2	137.8421902
1.539	182.8	135.5200067	20.64	2.023	175.1	136.1424529
1.717	181.5	135.452927	20.67	2.024	173.2	136.6778973
1.441	185.6	135.9024875	20.69	1.536	183.5	135.5850754
1.198	188.1	136.5220169	20.69	1.276	184.4	135.6986053
1.48	188.4	136.6142539	20.71	1.852	182.3	135.4859439
1.442	194.3	139.23608	20.71	1.89	188	136.4921301
1.487	187.5	136.3491176	20.71	1.651	182.1	135.475212
1.511	185.7	135.9221983	20.73	1.679	179.3	135.4983288
1.509	189.5	136.9857152	20.73	1.883	185.3	135.8458714
1.333	183.6	135.5960285	20.74	1.546	179.7	135.475212
1.639	184.8	135.759882	20.75	1.812	178.4	135.5745369
1.524	186	135.9838512	20.76	1.793	180.1	135.458704
1.626	188.1	136.5220169	20.76	2.013	180.3	135.452927
1.491	186.2	136.0270567	20.75	1.797	179.4	135.4919297
1.703	183.9	135.6313781	20.76	1.978	177.7	135.6570213
1.628	184.3	135.6843278	20.77	1.968	179.2	135.5051412
1.428	182.7	135.5123672	20.77	1.912	175.8	135.9838512
1.392	188.4	136.6142539	20.78	1.561	182	135.4704656
1.422	183.8	135.6191797	20.79	1.874	179.1	135.5123672
1.721	188.7	136.7103661	20.8	2.008	182.1	135.475212
1.569	185.7	135.9221983	20.82	1.932	180.1	135.458704
1.36	190.5	137.3692134	20.83	1.676	186.9	136.1915717
1.413	197.2	141.1176841	20.83	1.809	194.1	139.1212357
1.325	191.3	137.7078372	20.85	1.557	190.9	137.5349652
1.396	185	135.7930238	20.87	1.674	180	135.4622116
1.488	198.9	142.4158267	20.89	1.908	192.2	138.1230627
1.783	184.6	135.7284098	20.93	2.129	179.7	135.475212
1.619	192	138.0276292	20.97	1.719	187.1	136.2423866
1.545	195.8	140.1581671	20.99	1.918	190.6	137.4099861
1.445	192.2	138.1230627	21.03	1.815	188.6	136.6778973
1.329	187	136.2167669	21.07	1.721	183.8	135.6191797
1.593	190.8	137.4928614	21.11	1.803	186.4	136.0719483
1.888	191.5	137.796957	21.15	2.092	186.5	136.0950271
1.695	188.4	136.6142539	21.18	2.108	186.2	136.0270567
1.713	194.6	139.411891	21.2	1.879	190.2	137.249547
1.818	196.4	140.557513	21.21	2.044	192.7	138.3696112
1.706	196.6	140.6945686	21.22	1.919	192.2	138.1230627
1.789	200.6	143.8658923	21.25	2.246	193.7	138.8971847
1.42	199.6	142.9941199	21.26	1.854	194.7	139.4714437
1.223	193.7	138.8971847	21.29	1.651	190.4	137.328883
1.648	197.1	141.0459134	21.31	2.026	193.1	138.5750946
1.698	195.5	139.9650888	21.33	1.986	188.9	136.7766005
1.33	185.2	135.8278372	21.35	1.468	181.7	135.458704
1.662	197.4	141.262737	21.37	2.044	192.9	138.471433
1.594	191.6	137.8421902	21.39	1.726	187.1	136.2423866
1.639	197.4	141.262737	21.43	2.131	189.3	136.9142707
1.502	195.4	139.9016992	21.46	1.56	192.1	138.0751192
1.484	201.7	144.8885107	21.51	1.901	195.7	140.0933217

20.58	1.777	189.7	137.0589052	135.7835774	Yes
20.62	2.187	188.3	136.5830783	136.0514067	Yes
20.63	2.004	177.9	135.6313781	136.7035499	Yes
20.66	2.06	185.2	135.8278372	135.9208689	Yes
20.68	2.21	182.1	135.475212	136.1879089	Yes
20.7	1.796	194	139.0645196	136.5394787	Yes
20.71	1.525	193.3	138.6806025	136.0740232	Yes
20.72	1.953	190.7	137.4512019	136.5411206	Yes
20.73	1.84	196.5	140.6257933	139.7793868	Yes
20.73	1.926	191.5	137.796957	136.3306061	Yes
20.75	1.873	191.1	137.6205085	136.0211074	Yes
20.75	1.989	194.1	139.1212357	136.5974816	Yes
20.76	1.815	187.3	136.2949008	135.8269753	Yes
20.76	2.09	187.8	136.4336422	135.86526	Yes
20.77	2.055	190.1	137.21054	135.6228777	Yes
20.78	2.158	189.5	136.9857152	136.406694	Yes
20.77	1.999	189.1	136.8445673	136.0366421	Yes
20.78	2.265	185.8	135.9423289	136.3979097	Yes
20.78	2.394	187.1	136.2423866	136.3892798	Yes
20.79	2.132	187.7	136.4050401	135.7344818	Yes
20.81	1.829	191.8	137.9340071	136.0643243	Yes
20.82	1.959	185.8	135.9423289	135.5707329	Yes
20.83	2.393	192.8	138.4202926	137.0335022	Yes
20.84	2.173	191	137.577514	136.2489737	Yes
20.85	1.778	193.9	139.008273	137.7602248	Yes
20.85	1.945	204.2	147.4724086	142.0799962	Yes
20.86	1.79	198.5	142.096964	139.064445	Yes
20.88	1.845	191.2	137.6639493	135.6512699	Yes
20.9	1.91	201.8	144.9848547	142.5792328	Yes
20.95	2.461	190.4	137.328883	135.5649355	Yes
20.99	2.067	197	140.9746448	137.4002807	Yes
21.01	2.19	201.2	144.4152874	140.6705484	Yes
21.05	2.021	196.3	140.4897269	137.4358174	Yes
21.09	1.785	192.1	138.0751192	135.8048968	Yes
21.13	2.103	192.2	138.1230627	137.3944059	Yes
21.16	2.431	197.1	141.0459134	136.6460422	Yes
21.19	2.378	193.7	138.8971847	136.7135433	Yes
21.21	2.288	197.7	141.484113	139.9996935	Yes
21.23	2.319	200.8	144.0468045	141.1477647	Yes
21.23	2.223	202.5	145.6753339	139.9012884	Yes
21.26	2.493	204	147.2519401	144.668314	Yes
21.27	1.922	201.7	144.8885107	142.4625893	Yes
21.31	1.705	196.3	140.4897269	140.1162121	Yes
21.32	2.319	203.8	147.0339187	140.0675411	Yes
21.34	2.246	198.5	142.096964	140.3390949	Yes
21.37	1.816	189.6	137.0220917	135.8397202	Yes
21.38	2.197	203.6	146.8183282	140.87444	Yes
21.4	2.165	199.1	142.5784051	137.3331526	Yes
21.44	2.33	199.2	142.6604859	139.8622358	Yes
21.48	2.032	200.5	143.7762629	139.1026766	Yes
21.52	2.176	205.1	148.4952449	146.2342844	Yes

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7/26/2019	9:11	21.71	1.119
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7/26/2019	9:13	21.74	0.899
7/26/2019	9:14	21.77	0.932
7/26/2019	9:15	21.81	1.083
7/26/2019	9:16	21.83	0.782
7/26/2019	9:17	21.89	0.874
7/26/2019	9:18	21.94	0.932
7/26/2019	9:19	22	0.836
7/26/2019	9:20	22.04	1.153
7/26/2019	9:21	22.06	0.975
7/26/2019	9:22	22.09	0.836
7/26/2019	9:23	22.12	1.063
7/26/2019	9:24	22.14	0.83
7/26/2019	9:25	22.17	0.926
7/26/2019	9:26	22.21	0.956
7/26/2019	9:27	22.26	0.956
7/26/2019	9:28	22.31	0.785
7/26/2019	9:29	22.4	0.603
7/26/2019	9:30	22.48	0.888
7/26/2019	9:31	22.57	0.902
7/26/2019	9:32	22.59	0.759
7/26/2019	9:33	22.67	0.759
7/26/2019	9:34	22.76	0.799
7/26/2019	9:35	22.85	0.759
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7/26/2019	9:37	23.13	0.644
7/26/2019	9:38	23.18	0.674
7/26/2019	9:39	23.2	0.835
7/26/2019	9:40	23.19	0.813
7/26/2019	9:41	23.3	0.809
7/26/2019	9:42	23.42	0.921
7/26/2019	9:43	23.49	0.771
7/26/2019	9:44	23.64	0.773
7/26/2019	9:45	23.76	0.763
7/26/2019	9:46	23.8	0.887
7/26/2019	9:47	23.84	0.682
7/26/2019	9:48	23.9	0.848
7/26/2019	9:49	24.08	0.652
7/26/2019	9:50	24.36	0.98
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7/26/2019	9:53	24.67	1.077
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7/26/2019	9:59	25.5	0.648

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206.1	149.6921424	21.91
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205	148.379085	21.92
193.9	139.008273	21.96
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203.9	147.1426245	22.03
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197.9	141.6342428	22.17
194.6	139.411891	22.22
210	155.0123664	22.27
187.9	136.4626721	22.27
198.2	141.8632814	22.3
193.3	138.6806025	22.34
208.8	153.2595242	22.35
209.8	154.712722	22.37
196.5	140.6257933	22.43
203.9	147.1426245	22.48
211.7	157.6854758	22.54
223.9	185.1983516	22.66
212.9	159.7144084	22.77
215.8	165.1468514	22.86
216.6	166.7876462	22.86
180	135.4622116	22.94
206.1	149.6921424	23.02
212.4	158.8542338	23.12
191.8	137.9340071	23.31
201.3	144.5088047	23.45
197.7	141.484113	23.51
214.1	161.8681603	23.52
198.3	141.9406579	23.48
201.6	144.7927354	23.6
201.3	144.5088047	23.74
199.8	143.1641434	23.82
207.3	151.2154981	24.01
190.6	137.4099861	24.16
203.3	146.4994658	24.2
207.9	152.0140384	24.18
217.5	168.7126952	24.22
211.4	157.1969778	24.43
201.4	144.6028841	24.78
223.4	183.7103804	25.11
201.7	144.8885107	25.26
226.5	193.5866754	25.01
184.8	135.759882	24.9
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199	142.4968525	25.59
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208.3	152.5604335	25.93

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1.485	193.8
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1.284	192.4
1.312	186.8
1.617	194.5
1.12	195.1
1.028	188.8
1.177	192.6
1.009	189
1.543	192.5
1.226	185.2
1.181	190.1
1.489	188.7
1.349	194.7
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1.29	189.4
1.398	188.6
1.123	197.9
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1.308	200.5
1.372	183.7
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1.643	202.6
1.299	187.4
1.468	185
1.592	191.7
1.257	188.3
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1.638	200.8
1.452	198.9
1.4	190
1.373	212.3
1.635	197.4
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1.512	183.8
1.526	191
1.726	185.7
1.779	200.7
1.269	198.1
1.205	201.7

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138.3193881	21.96
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146.2898835	22.39
139.411891	22.48
145.3759529	22.57
144.0468045	22.56
135.7132992	22.65
139.5314724	22.71
143.7762629	22.79
135.6073966	22.93
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135.6191797	24.45
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141.786421	25.06
144.8885107	25.24

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1.946	199	142.4968525	21.6	2.312	193.8	138.952495
1.984	201.8	144.9848547	21.59	2.447	195.1	139.7144254
1.647	196.7	140.7638403	21.6	1.927	192.3	138.1714606
1.642	191.8	137.9340071	21.64	1.978	188.8	136.743267
1.829	198.6	142.1758963	21.69	2.311	193.2	138.6276173
1.512	195.4	139.9016992	21.72	1.736	193.8	138.952495
1.515	193.6	138.8423412	21.78	1.721	190.3	137.2889944
1.616	196.1	140.355632	21.83	1.942	193.6	138.8423412
1.521	189.5	136.9857152	21.87	1.691	185.8	135.9423289
1.918	197.9	141.6342428	21.9	2.335	192.4	138.2203136
1.674	189.9	137.1338452	21.91	1.956	184.1	135.6570213
1.507	193.9	139.008273	21.92	1.863	191.1	137.6205085
1.889	193.8	138.952495	21.95	2.151	190.4	137.328883
1.606	198.6	142.1758963	21.96	2.069	193.1	138.5750946
1.672	200.1	143.4232201	21.98	2.235	195.8	140.1581671
1.74	197.9	141.6342428	22.02	2.065	191.3	137.7078372
1.762	195.8	140.1581671	22.07	2.129	189.7	137.0589052
1.42	200.5	143.7762629	22.11	1.754	197.2	141.1176841
1.212	208.3	152.5604335	22.21	1.594	203.1	146.2898835
1.509	200.7	143.9560723	22.3	1.8	191.8	137.9340071
1.562	207.3	151.2154981	22.4	1.944	200.6	143.8658923
1.354	203.1	146.2898835	22.39	1.953	197.5	141.3360215
1.354	186.7	136.1424529	22.47	1.822	185	135.7930238
1.761	201.3	144.5088047	22.51	2.271	194.9	139.5919783
1.507	205.6	149.0856146	22.58	1.934	197.3	141.1899582
1.606	189.5	136.9857152	22.7	2.017	182.6	135.5051412
1.272	191.4	137.7521729	22.77	1.552	187.5	136.3491176
1.49	194.5	139.3528135	22.82	1.767	188.6	136.6778973
1.741	206.7	150.441715	22.82	2.355	202.7	145.8778326
1.593	189.6	137.0220917	22.82	1.893	184.2	135.6704665
1.77	193.3	138.6806025	22.93	2.181	188.1	136.5220169
1.898	196.2	140.4224336	23	2.392	191.7	137.8878733
1.589	194.7	139.4714437	23.08	1.702	189.2	136.8792016
1.544	192.7	138.3696112	23.24	2.117	187.2	136.2684311
1.514	192.9	138.471433	23.34	1.873	186.5	136.0950271
1.869	205.3	148.729472	23.36	2.222	200.1	143.4232201
1.532	198.7	142.25535	23.38	2.019	192.5	138.2696225
1.732	210.4	155.6208578	23.44	2.353	203.4	146.6051528
1.428	205.5	148.9662571	23.63	2.018	196.9	140.9038772
1.794	192.8	138.4202926	23.92	1.93	187.5	136.3491176
1.84	219.3	172.8296935	24.21	2.127	210.2	155.3150699
1.575	203.5	146.7114396	24.29	2.234	197.9	141.6342428
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1.969	190	137.171973	24.05	2.156	183.6	135.5960285
1.606	197.2	141.1176841	24.28	2.238	190.2	137.249547
1.884	192.6	138.3193881	24.51	2.523	186.5	136.0950271
2.146	209.5	154.2689366	24.56	2.776	199.5	142.9099119
1.463	200.9	144.1380905	24.53	1.941	195.5	139.9650888
1.328	207.1	150.9548471	24.75	1.731	197.8	141.5589225

21.58	2.347	197.8	141.5589225	138.7116905	Yes
21.6	2.753	201.2	144.4152874	141.765898	Yes
21.6	2.758	201.5	144.6975271	141.9685628	Yes
21.59	2.856	204.5	147.8077356	143.7820874	Yes
21.61	2.298	198.5	142.096964	141.3836749	Yes
21.65	2.154	196.9	140.9038772	137.4630869	Yes
21.7	2.374	199.8	143.1641434	141.9910157	Yes
21.74	2.138	200.4	143.6871825	141.427811	Yes
21.79	1.994	198.6	142.1758963	138.5343349	Yes
21.84	2.238	200.3	143.5986496	139.787901	Yes
21.88	1.949	196.6	140.6945686	137.2875755	Yes
21.89	2.709	199.2	142.6604859	143.2841363	Yes
21.9	2.356	195.1	139.7144254	136.2703439	Yes
21.92	2.048	196.5	140.6257933	138.9256507	Yes
21.94	2.708	201.4	144.6028841	137.9180867	Yes
21.95	2.431	201	144.2299319	143.3704897	Yes
21.97	2.442	204.4	147.6953406	144.2042857	Yes
22.01	2.399	202	145.1792559	139.2294121	Yes
22.06	2.39	199.4	142.8262379	140.2593985	Yes
22.1	2.046	203.8	147.0339187	146.0534164	Yes
22.2	1.651	210.6	155.9297559	157.584638	Yes
22.29	2.11	200.4	143.6871825	145.2540947	Yes
22.38	2.192	208.7	153.1182603	151.4010487	Yes
22.37	2.166	206.3	149.9393426	149.6150889	Yes
22.44	2.018	192.5	138.2696225	135.7777469	Yes
22.48	2.423	204.6	147.9207527	143.3310995	Yes
22.55	2.215	206.3	149.9393426	148.2265174	Yes
22.71	2.187	192.4	138.2203136	136.508065	Yes
22.79	1.764	196.2	140.4224336	138.8301153	Yes
22.83	2.162	197.2	141.1176841	138.6251347	Yes
22.8	2.545	208.6	152.9777221	150.9909997	Yes
22.81	2.257	191.1	137.6205085	137.7387531	Yes
22.91	2.59	196.5	140.6257933	138.9470946	Yes
22.97	2.815	200.5	143.7762629	140.1767462	Yes
23.06	2.178	197.9	141.6342428	139.0244667	Yes
23.23	2.248	195.2	139.7763685	140.4813722	Yes
23.31	2.323	197.1	141.0459134	136.8804636	Yes
23.32	2.711	207.2	151.0848301	145.2872526	Yes
23.33	2.391	199.9	143.249962	142.3902757	Yes
23.38	2.644	209.9	154.8621634	153.7463776	Yes
23.56	2.191	206.7	150.441715	147.3707347	Yes
23.88	2.495	194.2	139.1784222	139.1360668	Yes
24.15	2.564	217.5	168.7126952	167.6349749	Yes
24.23	2.425	208	152.1495751	143.6242325	Yes
23.99	2.883	220.1	174.7809062	175.3446273	Yes
23.99	2.743	193.5	138.7879636	136.0367658	Yes
24.22	2.335	195.3	139.8387928	138.5290514	Yes
24.45	2.782	196.3	140.4897269	138.2083665	Yes
24.49	3.277	210.9	156.3989918	150.1688942	Yes
24.48	2.151	199.1	142.5784051	145.1879409	Yes
24.72	1.982	203.7	146.9258206	147.4906784	Yes

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11.99

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7/26/2019	10:01	25.85	0.813
7/26/2019	10:02	26.05	0.802
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7/26/2019	10:04	26.14	0.65
7/26/2019	10:05	26.13	0.917
7/26/2019	10:06	26.01	0.97
7/26/2019	10:07	25.87	0.883
7/26/2019	10:08	25.83	0.672
7/26/2019	10:09	25.83	0.851
7/26/2019	10:10	25.72	0.729
7/26/2019	10:11	25.52	0.878
7/26/2019	10:12	25.41	0.828
7/26/2019	10:13	25.46	0.829
7/26/2019	10:14	25.54	1.161
7/26/2019	10:15	25.52	0.895
7/26/2019	10:16	25.51	0.872
7/26/2019	10:17	25.51	0.771
7/26/2019	10:18	25.39	0.845
7/26/2019	10:19	25.29	0.637
7/26/2019	10:20	25.23	0.903
7/26/2019	10:21	25.21	0.804
7/26/2019	10:22	25.28	0.79
7/26/2019	10:23	25.31	0.683
7/26/2019	10:24	25.3	0.869
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7/26/2019	10:26	25.25	0.824
7/26/2019	10:27	25.22	0.871
7/26/2019	10:28	25.21	0.942
7/26/2019	10:29	25.12	0.9
7/26/2019	10:30	25.09	0.911
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7/26/2019	10:32	25.07	0.967
7/26/2019	10:33	25.04	0.863
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7/26/2019	10:38	25.09	0.747
7/26/2019	10:39	25.17	0.489
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7/26/2019	10:41	25.31	0.87
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7/26/2019	10:44	25.71	0.743
7/26/2019	10:45	25.86	0.741
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7/26/2019	10:47	26.14	0.634
7/26/2019	10:48	26.22	0.809
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203	146.1859844	26.52
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198	141.7100752	26.49
194.4	139.2942101	26.3
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212.3	158.684756	26.04
214.5	162.6150149	26.07
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199.8	143.1641434	25.63
198.5	142.096964	25.74
203.2	146.3943767	25.72
204.2	147.4724086	25.74
217.1	167.8465446	25.76
223.2	183.1257514	25.62
234.4	175.7462142	25.5
236	172.2544374	25.42
228.7	190.7045403	25.37
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225	188.6095808	25.42
198	141.7100752	25.44
213.6	160.955157	25.42
205.8	149.3262707	25.43
218.6	171.184873	25.33
224.9	188.2914027	25.29
207.4	151.3468538	25.33
214.5	162.6150149	25.28
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223.2	183.1257514	25.23
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215.1	163.7633675	25.29
224.2	186.1096044	25.41
215.9	165.3484246	25.5
210.6	155.9297559	25.58
228.5	191.3112307	25.65
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199.3	142.7430964	26.05
214.1	161.8681603	26.23
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214.9	163.3767931	26.53
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201	144.2299319	26.81

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1.322	221.9
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1.306	213.4
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1.201	215.3
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1.392	202.3	145.4751667	25.11	1.692	195	139.6529623
1.551	193.9	139.008273	25.23	1.911	187.2	136.2684311
1.36	202.5	145.6753339	25.36	1.703	195.8	140.1581671
1.369	226.5	193.5866754	25.34	1.605	216.4	166.3713526
1.713	202	145.1792559	25.29	2.131	193.4	138.734051
2.038	193.3	138.6806025	25.14	2.047	189.3	136.9142707
1.74	210	155.0123664	24.99	2.224	201.6	144.7927354
1.402	209.7	154.5640391	25.05	1.53	201.1	144.3223303
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1.501	234.6	175.2945059	25.1	2.002	227.3	195.0846305
1.957	231.8	182.0442679	24.98	2.397	223.5	184.0049395
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1.846	198.8	142.3353263	24.92	2.298	190.9	137.5349652
1.965	199.9	143.249962	24.96	2.223	191.9	137.9805921
1.954	201.2	144.4152874	24.92	2.355	192.5	138.2696225
1.576	202.4	145.5749597	24.95	1.903	198	141.7100752
1.587	211.9	158.0152438	24.97	2.173	204	147.2519401
1.775	218	169.8197457	24.92	2.263	212.6	159.1957351
1.334	231	184.1517432	24.87	1.789	220.9	176.811543
1.509	227.4	194.7612235	24.86	2.082	218.4	170.7253164
1.685	228	192.8553266	24.86	2.006	222.3	180.5672593
1.756	210.5	155.7749165	24.88	1.974	204	147.2519401
1.143	224	185.5005447	24.91	1.414	216.8	167.2080708
1.87	220.8	176.5532489	24.88	2.264	210.4	155.6208578
1.513	219.2	172.5912057	24.85	1.832	211.5	157.3589946
1.765	205.4	148.8475437	24.85	2.02	196.8	140.8336095
1.562	213.1	160.0645165	24.83	1.945	207.5	151.4788997
1.945	207.7	151.7450728	24.81	2.333	197.1	141.0459134
1.552	221.2	177.5942369	24.74	2.003	213.7	161.1359522
1.501	214.4	162.4269132	24.75	1.797	209.1	153.6876994
1.433	210.9	156.3989918	24.79	1.954	202.2	145.3759529
1.846	205.3	148.729472	24.78	2.09	195.9	140.2234999
1.577	209.9	154.8621634	24.72	2.063	200.6	143.8658923
0.962	217.8	169.3736382	24.76	1.086	212.2	158.5161218
1.195	234.8	174.8472386	24.8	1.668	229	189.8060036
1.584	219.3	172.8296935	24.79	1.872	213.1	160.0645165
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1.448	218.6	171.184873	24.83	1.702	212.7	159.3677662
0.895	227.3	195.0846305	24.95	1.204	219.4	173.0693692
1.145	213.1	160.0645165	25.04	1.331	204.6	147.9207527
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1.543	200.4	143.6871825	25.33	2.033	192.1	138.0751192
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1.467	226.5	193.5866754	25.61	1.648	218.5	170.9545255
1.302	219	172.1177686	25.78	1.626	210.4	155.6208578
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24.85	1.765	210.2	155.3150699	153.6838396	Yes
25.06	1.832	200.3	143.5986496	143.4130841	Yes
25.19	2.393	194.4	139.2942101	139.5942398	Yes
25.32	2.115	200	143.3363204	143.4059907	Yes
25.28	1.928	225.1	188.9294126	180.2888561	Yes
25.22	2.565	200.5	143.7762629	141.2887136	Yes
25.07	2.759	195.1	139.7144254	138.7618126	Yes
24.92	2.407	207.4	151.3468538	150.338839	Yes
25.01	1.84	205.2	148.6120398	151.1242365	Yes
25.07	2.469	210.7	156.0853794	154.7316366	Yes
25.02	2.218	231.8	182.0442679	184.9164633	Yes
24.87	2.854	228.3	191.9241395	183.5211251	Yes
24.77	2.217	217.9	169.5961403	163.1286149	Yes
24.84	2.709	199.1	142.5784051	140.2537568	Yes
24.89	2.853	202.5	145.6753339	140.4497378	Yes
24.85	2.817	201.6	144.7927354	141.9135953	Yes
24.89	2.246	204	147.2519401	144.4378908	Yes
24.92	2.372	211.7	157.6854758	156.5228626	Yes
24.86	2.621	216.2	165.9591491	168.6420363	Yes
24.8	2.141	225.9	191.5488631	179.2499048	Yes
24.78	2.314	223.7	184.5985921	178.3817635	Yes
24.78	2.495	227.1	195.6900033	185.8985434	Yes
24.81	2.472	214.6	162.8040494	149.6411792	Yes
24.83	1.584	225.8	191.2154206	177.3858841	Yes
24.82	2.598	218.4	170.7253164	170.2682581	Yes
24.8	2.137	218.1	170.0444603	169.9693568	Yes
24.8	2.485	204.1	147.3618674	143.1272281	Yes
24.78	2.263	210.8	156.2417902	156.0275529	Yes
24.76	2.747	207.4	151.3468538	146.4069799	Yes
24.71	2.178	220.2	175.0303206	167.7627535	Yes
24.72	2.141	213.3	160.4181218	164.3459343	Yes
24.76	2.154	210	155.0123664	150.6423431	Yes
24.74	2.579	203.9	147.1426245	148.4359708	Yes
24.68	2.34	207.3	151.2154981	148.8769148	Yes
24.73	1.327	215	163.5696028	172.330745	Yes
24.76	1.823	234.6	175.2945059	186.7545226	Yes
24.74	2.224	218.7	171.416365	169.6117186	Yes
24.72	2.489	205.4	148.8475437	145.6174988	Yes
24.77	2.004	221	177.0711342	163.7280631	Yes
24.91	1.253	223.1	182.8356637	184.715549	Yes
24.99	1.564	210.7	156.0853794	155.7872765	Yes
24.99	2.538	212.1	158.3483275	154.7804715	Yes
25	2.482	222.1	180.0143756	180.3479105	Yes
25.14	2.287	206.4	150.0639356	149.8473437	Yes
25.23	2.346	200	143.3363204	140.9066585	Yes
25.36	1.883	203.3	146.4994658	151.0345694	Yes
25.51	1.995	224.9	188.2914027	182.1850733	Yes
25.65	1.76	213.3	160.4181218	163.8173	Yes
25.71	2.191	211.2	156.8753741	151.5799993	Yes
25.65	2.059	210.5	155.7749165	153.7366725	Yes
25.74	2.318	204.1	147.3618674	143.2746656	Yes

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1.213	237.3	169.6136358	26.08	1.471	227.5	194.4394783
1.062	220.3	175.2809825	26.09	1.301	208.3	152.5604335
1.145	216.6	166.7876462	26.22	1.571	210.2	155.3150699
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1.767	212	158.1813694	26.13	2.299	202.5	145.6753339
1.541	209.7	154.5640391	26.02	1.834	201.7	144.8885107
1.309	216	165.5509953	26.06	1.426	210.1	155.1633342
1.397	221.4	178.1226162	26.35	1.585	219.5	173.3102392
1.741	221	177.0711342	26.37	2.135	211.2	156.8753741
1.861	222.9	182.2598979	26.19	2.31	212.4	158.8542338
1.611	206.7	150.441715	25.95	2.064	200.1	143.4232201
2.189	195.2	139.7763685	25.99	2.766	187	136.2167669
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1.654	222.7	181.6899539	26.04	1.961	218.5	170.9545255
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1.983	209.4	154.1225109	26.6	2.158	201	144.2299319
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1.899	213	159.8890273	26.54	2.432	205.2	148.6120398
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1.445	222.1	180.0143756	26.4	1.731	217.2	168.0614801
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1.79	224.4	186.7249594	26.57	2.258	214.6	162.8040494
1.923	190.3	137.2889944	26.78	2.597	184.5	135.7132992
1.736	195.3	139.8387928	26.93	2.148	188.7	136.7103661
1.769	200.8	144.0468045	26.85	2.317	191.5	137.796957
2.107	208.5	152.8379067	26.83	2.696	200.9	144.1380905
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1.963	222.3	180.5672593	26.66	2.529	212.8	159.540656
1.767	210.1	155.1633342	26.57	2.495	201.8	144.9848547
1.792	210.7	156.0853794	26.51	2.224	203	146.1859844
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1.896	214.7	162.994021	26.61	2.451	209.1	153.6876994
1.788	230.5	185.5124012	26.52	2.18	225.8	191.2154206
1.605	220.9	176.811543	26.55	1.926	216.5	166.5789856
1.583	228.7	190.7045403	26.69	1.835	223.5	184.0049395
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25.95	2.57	234.8	174.8472386	177.9890526	Yes
25.97	2.592	230.7	184.9640411	181.7843608	Yes
25.87	1.718	232	181.5304128	179.2888091	Yes
25.93	1.53	216.2	165.9591491	167.5809481	Yes
26.08	1.551	216.3	166.1647422	162.5288388	Yes
26.17	2.483	205.2	148.6120398	148.3932151	Yes
25.97	2.744	210	155.0123664	154.0779482	Yes
25.87	2.253	210.7	156.0853794	146.7034826	Yes
25.94	1.793	217.8	169.3736382	157.6472148	Yes
26.24	1.756	223.3	183.4173207	177.3977618	Yes
26.26	2.528	216.9	167.4198452	166.4319068	Yes
26.07	2.65	216.4	166.3713526	173.1047278	Yes
25.85	2.309	206.3	149.9393426	146.1612849	Yes
25.89	3.142	195.8	140.1581671	140.969396	Yes
25.95	2.567	208.9	153.4015168	153.2121355	Yes
25.94	2.386	224.6	187.3466876	179.6767327	Yes
26	3.014	207.6	151.6116385	149.37507	Yes
26.19	3.166	197.4	141.262737	139.3794732	Yes
26.37	2.651	202.7	145.8778326	145.9684679	Yes
26.43	2.763	205.4	148.8475437	150.0061537	Yes
26.58	2.46	212.1	158.3483275	156.9658287	Yes
26.62	2.479	208.6	152.9777221	152.3072559	Yes
26.42	2.024	220.8	176.5532489	179.9831962	Yes
26.43	2.783	211.1	156.7157803	156.3592202	Yes
26.35	2.555	212.9	159.7144084	158.0340494	Yes
26.29	2.06	223.7	184.5985921	169.5946233	Yes
26.38	2.314	229.2	189.2145397	185.9259338	Yes
26.43	2.547	219.2	172.5912057	178.0560523	Yes
26.66	2.868	190.5	137.3692134	136.6106218	Yes
26.79	2.628	196.9	140.9038772	137.8775072	Yes
26.74	2.6	197.7	141.484113	142.0671663	Yes
26.73	3.064	208	152.1495751	151.6768826	Yes
26.72	2.398	204.3	147.5835656	147.8256683	Yes
26.74	3.125	219.1	172.3538995	175.2052232	Yes
26.53	2.846	217	167.6326681	172.7165837	Yes
26.47	2.699	208.1	152.2858181	152.0795149	Yes
26.42	2.581	209.1	153.6876994	154.3732921	Yes
26.52	2.415	207.9	152.0140384	147.8534394	Yes
26.51	2.847	209.6	154.4161117	152.2527725	Yes
26.54	2.564	202.7	145.8778326	143.5973205	Yes
26.55	2.767	214.1	161.8681603	157.3454875	Yes
26.46	2.562	229.9	187.1909456	187.2956913	Yes
26.48	2.247	218.2	170.2702897	174.5648526	Yes
26.6	2.035	228.4	191.6169031	189.0161071	Yes
26.74	3.216	206.7	150.441715	146.5086702	Yes
26.72	2.584	212.8	159.540656	155.0625381	Yes
26.88	2.448	212.1	158.3483275	160.5847083	Yes
26.96	2.599	207.8	151.8792052	150.7478912	Yes
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26.99	3.162	212.6	159.1957351	152.9115533	Yes

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7/26/2019	11:47	27.86	1.173
7/26/2019	11:48	27.9	1.4
7/26/2019	11:49	27.8	0.962
7/26/2019	11:50	27.85	1.371
7/26/2019	11:51	27.88	1.608
7/26/2019	11:52	27.89	0.863
7/26/2019	11:53	28.02	0.826
7/26/2019	11:54	28.16	1.108
7/26/2019	11:55	28.21	0.796
7/26/2019	11:56	28.22	0.818
7/26/2019	11:57	28.32	1.318
7/26/2019	11:58	28.36	1.307
7/26/2019	11:59	28.35	1.049
7/26/2019	12:00	28.36	1.238
7/26/2019	12:01	28.42	1.254
7/26/2019	12:02	28.39	1.512
7/26/2019	12:03	28.34	1.34
7/26/2019	12:04	28.26	0.981
7/26/2019	12:05	28.22	1.33
7/26/2019	12:06	28.25	1.08
7/26/2019	12:07	28.26	1.262
7/26/2019	12:08	28.31	0.977
7/26/2019	12:09	28.43	1.133
7/26/2019	12:10	28.39	1.302
7/26/2019	12:11	28.31	1.173
7/26/2019	12:12	28.18	1.27
7/26/2019	12:13	28.1	0.958
7/26/2019	12:14	28.17	1.113
7/26/2019	12:15	28.24	1.039
7/26/2019	12:16	28.37	0.78
7/26/2019	12:17	28.55	1.176
7/26/2019	12:18	28.66	1.15
7/26/2019	12:19	28.67	1.438
7/26/2019	12:20	28.57	1.361
7/26/2019	12:21	28.64	0.899
7/26/2019	12:22	28.8	1.032
7/26/2019	12:23	28.86	1.353
7/26/2019	12:24	28.82	1.397
7/26/2019	12:25	28.84	1.083
7/26/2019	12:26	28.93	1.391
7/26/2019	12:27	28.87	1.108
7/26/2019	12:28	28.64	0.866
7/26/2019	12:29	28.64	1.022
7/26/2019	12:30	28.62	1.632
7/26/2019	12:31	28.61	1.058
7/26/2019	12:32	28.69	0.798

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200.6	143.8658923	28.06
207.7	151.7450728	28.15
211.4	157.1969778	28.04
185.6	135.9024875	28.11
205.3	148.729472	28.15
202.6	145.7762909	28.17
208.4	152.6988115	28.33
205.4	148.8475437	28.49
237.7	168.8346381	28.52
218.4	170.7253164	28.45
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185.8	135.9423289	28.69
188.6	136.6778973	28.66
204.4	147.6953406	28.6
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226.9	194.9814553	28.2
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202.6	145.7762909	28.36
199	142.4968525	28.53
189.5	136.9857152	28.77
197	140.9746448	28.9
203.4	146.6051528	28.92
217.8	169.3736382	28.81
204.5	147.8077356	28.89
193.3	138.6806025	29.07
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182.5	135.4983288	29.12
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198	141.7100752	29.16
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186.9	136.1915717	28.89
183.9	135.6313781	28.86
200.6	143.8658923	28.85
211.9	158.0152438	28.96

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1.577	187.4
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144.6975271	28.53

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1.922	214.2	162.0534901	27.44	2.771	210.1	155.1633342
2.64	206.1	149.6921424	27.34	3.208	197.3	141.1899582
2.536	203.4	146.6051528	27.19	3.097	196.7	140.7638403
1.976	197.2	141.1176841	27.29	2.242	190.7	137.4512019
2.546	205.9	149.4475739	27.33	3.162	199.2	142.6604859
1.931	209.7	154.5640391	27.22	2.499	203.9	147.1426245
2.262	192.7	138.3696112	27.35	2.771	184.3	135.6843278
2.454	203.3	146.4994658	27.36	2.847	196.3	140.4897269
1.55	203.7	146.9258206	27.33	1.968	200.9	144.1380905
1.44	204.2	147.4724086	27.59	1.976	204.1	147.3618674
1.857	203.7	146.9258206	27.75	2.074	197.4	141.262737
1.555	232.2	181.0216499	27.81	2.009	228.6	191.0071128
1.363	212.2	158.5161218	27.86	1.712	209.5	154.2689366
2.267	191.1	137.6205085	27.86	2.815	184	135.6439919
2.267	187.9	136.4626721	27.83	2.914	181.1	135.4463252
1.882	196.7	140.7638403	27.8	2.689	190.2	137.249547
1.885	193.8	138.952495	27.79	2.363	187.6	136.3768654
2.589	183.1	135.5454083	27.85	2.84	175.2	136.1185285
2.615	193	138.5230334	27.81	3.358	184.3	135.6843278
2.505	202.3	145.4751667	27.77	2.929	197.5	141.3360215
1.928	214.3	162.2397397	27.69	2.394	211.6	157.5218261
2.242	206.6	150.3151193	27.69	2.896	199.7	143.0788632
1.975	197.3	141.1899582	27.71	2.491	190.1	137.21054
2.068	196.1	140.355632	27.7	2.723	190.2	137.249547
1.741	206.3	149.9393426	27.81	2.177	202.5	145.6753339
1.774	219.6	173.55231	28.03	2.252	215.9	165.3484246
2.255	208.3	152.5604335	27.82	2.693	200.2	143.5106627
2.211	217.7	169.1522337	27.72	3.067	211.8	157.8499471
2.158	222.4	180.8458047	27.66	2.643	218	169.8197457
1.851	220.9	176.811543	27.59	2.323	212.3	158.684756
1.924	215.2	163.9580918	27.66	2.185	209.5	154.2689366
2.024	202.9	146.0826775	27.76	2.57	197.1	141.0459134
1.665	191.6	137.8421902	27.9	2.229	189.7	137.0589052
2.208	180.6	135.4473567	28.15	2.728	174.6	136.2684311
2.108	199	142.4968525	28.22	2.499	191.3	137.7078372
2.596	202.4	145.5749597	28.11	2.998	195.2	139.7763685
2.13	208.7	153.1182603	28	2.545	201.1	144.3223303
1.43	200.8	144.0468045	28.11	1.814	199.2	142.6604859
1.761	193.6	138.8423412	28.35	2.129	184.2	135.6704665
2.559	170.7	137.6205085	28.37	2.939	163	142.3353263
2.703	195.6	140.0289626	28.24	3.206	188	136.4921301
2.044	184.3	135.6843278	28.3	2.276	181.3	135.4488008
2.388	189.5	136.9857152	28.41	2.896	185.2	135.8278372
2.308	196.2	140.4224336	28.25	2.88	188.1	136.5220169
1.613	178.3	135.5850754	27.95	2.23	173.7	136.5220169
1.941	193.8	138.952495	28.01	2.713	186.9	136.1915717
2.767	184.6	135.7284098	28.05	3.755	176.3	135.8831963
1.924	197.9	141.6342428	28.09	2.458	190.2	137.249547
1.605	207.9	152.0140384	28.24	1.926	203.4	146.6051528

27.09	2.329	221.3	177.8577632	185.3387262	Yes
27.26	2.543	213.1	160.0645165	156.112856	Yes
27.24	2.938	213.1	160.0645165	158.4357065	Yes
27.16	3.674	204.9	148.2635581	146.9781929	Yes
27.03	3.679	203.8	147.0339187	144.0309522	Yes
27.14	2.932	198.9	142.4158267	139.9611911	Yes
27.15	3.637	205.9	149.4475739	146.4484476	Yes
27.04	3	209.7	154.5640391	151.997314	Yes
27.19	3.539	193.5	138.7879636	136.441662	Yes
27.2	3.451	202.9	146.0826775	143.5604245	Yes
27.18	2.326	204.8	148.1486618	145.0010863	Yes
27.45	2.196	207.5	151.4788997	148.1053995	Yes
27.6	2.618	200	143.3363204	144.4326675	Yes
27.66	2.163	230.4	185.7886529	180.856668	Yes
27.68	1.892	213.1	160.0645165	160.8061958	Yes
27.67	3.256	193.3	138.6806025	137.0833532	Yes
27.69	3.438	187.8	136.4336422	135.7943083	Yes
27.66	2.967	196.3	140.4897269	139.8673907	Yes
27.66	2.912	195.6	140.0289626	137.2982903	Yes
27.71	3.787	183.9	135.6313781	135.809411	Yes
27.67	3.982	192.3	138.1714606	136.6149489	Yes
27.63	3.619	203.5	146.7114396	144.1117967	Yes
27.52	2.885	214	161.6837458	161.0621232	Yes
27.53	3.405	205	148.379085	147.2527432	Yes
27.59	2.897	197.3	141.1899582	139.6187162	Yes
27.58	3.102	195.9	140.2234999	139.938477	Yes
27.7	2.56	208.4	152.6988115	150.8559629	Yes
27.9	2.674	218.8	171.6490075	171.7405103	Yes
27.66	3.163	206.8	150.5689831	148.3346263	Yes
27.57	3.408	218.2	170.2702897	164.4177787	Yes
27.5	3.047	221.5	178.3888034	175.7369925	Yes
27.44	2.678	217	167.6326681	173.040375	Yes
27.52	2.7	213.9	161.5002424	160.7058368	Yes
27.62	2.972	203.7	146.9258206	143.52371	Yes
27.79	2.599	194.2	139.1784222	138.429936	Yes
28.04	3.489	184.4	135.6986053	136.1933628	Yes
28.12	3.16	199.7	143.0788632	139.925592	Yes
27.98	3.75	202.2	145.3759529	142.7981403	Yes
27.9	3.051	207.4	151.3468538	152.4520872	Yes
28.01	2.136	204.1	147.3618674	144.6862395	Yes
28.23	2.56	191.2	137.6639493	137.3788016	Yes
28.23	3.636	174	136.4336422	139.3186013	Yes
28.11	3.996	196.7	140.7638403	138.8207278	Yes
28.21	3.028	186.8	136.1668004	135.5359561	Yes
28.3	3.521	192.6	138.3193881	136.3546693	Yes
28.12	3.516	196.5	140.6257933	138.9376704	Yes
27.84	2.484	178.1	135.6073966	136.1226649	Yes
27.93	3.022	195.3	139.8387928	137.0450514	Yes
27.98	4.298	186.2	136.0270567	135.7125952	Yes
28.04	3.04	197.6	141.4098131	140.1593888	Yes
28.16	2.44	208.7	153.1182603	150.3329905	Yes

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10.5
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8.7

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7/26/2019	12:36	28.99	1.114
7/26/2019	12:37	29	1.166
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7/26/2019	12:41	28.73	1.568
7/26/2019	12:42	28.66	1.318
7/26/2019	12:43	28.73	1.203
7/26/2019	12:44	28.81	1.457
7/26/2019	12:45	28.77	1.311
7/26/2019	12:46	28.68	1.088
7/26/2019	12:47	28.58	1.032
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7/26/2019	12:49	28.72	1.188
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7/26/2019	12:54	28.16	1.294
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7/26/2019	12:57	27.99	0.887
7/26/2019	12:58	28.29	0.797
7/26/2019	12:59	28.63	0.956
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7/26/2019	13:13	28.9	1.379
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7/26/2019	13:23	28.09	1.384

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197.8	141.5589225	29.2
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221.9	179.4670474	28.25
217.2	168.0614801	28.28
219.1	172.3538995	28.1
234	176.6631365	27.97
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225.3	189.5740787	28.8
191.8	137.9340071	29.14
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185.6	135.9024875	29.18
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198.5	142.096964	29.19
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198.6	142.1758963	29.31
201	144.2299319	29.41
188.4	136.6142539	29.41
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211.5	157.3589946	29.27
227.5	194.4394783	29.14
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223.2	183.1257514	28.98
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224.9	188.2914027	29.19
218.2	170.2702897	28.52
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228.8	190.403504	27.82
236.6	171.014516	28.23

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2.203	190.7
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2.107	189.5
1.816	173.5
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1.543	208.8
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1.582	203.3
1.536	206.7
1.685	220.5
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1.484	225.9
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1.196	219.9
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2.211	176.8
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2.314	187.1
2.063	198.9
1.907	197.9
1.804	191
2.585	178
2.255	199.4
1.925	203.5
2.142	220.8
1.986	211.8
2.167	205.2
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1.828	199.5
1.991	198.5
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1.805	185.7
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1.203	220.2
2.002	225.8

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153.9768314	28.75
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135.8643244	28.77
135.4661321	28.72
136.2167669	28.57
137.4512019	28.48
141.0459134	28.43
136.9857152	28.37
136.5830783	28.53
136.1185285	28.63
163.3767931	28.55
174.2857928	28.48
153.2595242	28.37
150.5689831	28.49
146.4994658	28.52
150.441715	28.27
175.7860767	27.86
184.0049395	27.75
157.5218261	28.02
154.5640391	27.98
154.712722	27.8
191.5488631	27.71
157.5218261	27.86
174.2857928	28.22
165.1468514	28.59
137.0589052	28.85
135.6439919	28.78
135.7930238	28.75
139.7763685	28.8
136.2423866	28.7
142.4158267	28.78
141.6342428	28.84
137.577514	28.93
135.6191797	28.9
142.8262379	28.75
146.7114396	28.78
176.5532489	28.73
157.8499471	28.62
148.6120398	28.63
141.262737	28.77
142.9099119	29
142.096964	29.04
166.5789856	28.75
154.8621634	28.12
145.5749597	27.83
135.9221983	27.6
143.3363204	27.48
175.0303206	27.58
191.2154206	28.01

1.759	214.5	162.6150149	28.43	2.245	207.2	151.0848301
1.639	208.5	152.8379067	28.48	2.032	203.7	146.9258206
1.522	211.1	156.7157803	28.45	1.823	205.2	148.6120398
1.952	207.3	151.2154981	28.48	2.76	199.4	142.8262379
2.017	194.2	139.1784222	28.45	2.714	186	135.9838512
2.904	182.4	135.4919297	28.41	3.955	178.5	135.564413
2.83	197.4	141.262737	28.24	3.475	186.7	136.1424529
2.449	195.6	140.0289626	28.15	3.125	188.8	136.743267
2.84	202.6	145.7762909	28.11	3.439	196.1	140.355632
2.356	196.4	140.557513	28.06	3.052	189.5	136.9857152
2.218	181.5	135.452927	28.22	2.549	174	136.4336422
2.481	191.5	137.796957	28.34	3.022	185.4	135.8643244
2.356	219.5	173.3102392	28.25	2.682	214.8	163.184934
1.993	227.2	195.4097096	28.2	2.563	219.2	172.5912057
1.757	216.6	166.7876462	28.11	2.12	210.3	155.4675767
2.067	214.9	163.3767931	28.24	2.7	206.1	149.6921424
2.072	209.9	154.8621634	28.25	2.32	201.9	145.0817692
1.799	214.8	163.184934	28.01	2.281	212	158.1813694
2.07	227.5	194.4394783	27.65	2.524	222.5	181.1257634
1.419	227.8	193.4841124	27.57	1.838	226.6	193.9326112
1.872	220.9	176.811543	27.83	2.204	214.8	163.184934
2.083	215.1	163.7633675	27.79	2.414	210.2	155.3150699
1.584	212.6	159.1957351	27.6	1.892	209.8	154.712722
1.723	229.5	188.3385084	27.54	2.187	231.8	182.0442679
1.46	217.9	169.5961403	27.7	1.756	215.8	165.1468514
1.563	226.8	194.6299891	28.04	1.812	224.2	186.1096044
1.579	221.1	177.3320297	28.4	2.077	217.9	169.5961403
1.929	192.4	138.2203136	28.61	2.565	187.4	136.3217962
2.41	183.9	135.6313781	28.52	3.195	175	136.1668004
2.552	181.8	135.4622116	28.49	3.171	175.7	136.0052434
2.618	200.1	143.4232201	28.53	3.596	195	139.6529623
2.833	194.5	139.3528135	28.4	3.259	186.4	136.0719483
2.199	206.2	149.8154124	28.5	3.038	198.3	141.9406579
2.313	202.3	145.4751667	28.55	2.75	194.1	139.1212357
2.326	195.3	139.8387928	28.61	2.736	190.8	137.4928614
3.197	188.3	136.5830783	28.57	3.682	181.5	135.452927
2.549	204.5	147.8077356	28.41	3.036	197.6	141.4098131
2.001	210	155.0123664	28.47	2.639	201.8	144.9848547
2.636	227.3	195.0846305	28.47	3.176	221.1	177.3320297
2.457	219.7	173.7955882	28.38	2.936	212.6	159.1957351
2.326	213.7	161.1359522	28.39	3.007	206.9	150.6969261
1.762	200.4	143.6871825	28.53	2.31	198.4	142.0185516
1.92	209.1	153.6876994	28.76	2.591	200.2	143.5106627
2.251	203.2	146.3943767	28.77	2.828	194.1	139.1212357
2.189	222.6	181.4071437	28.5	2.903	215.4	164.3504379
1.892	216.3	166.1647422	27.89	2.472	210.9	156.3989918
1.664	210.4	155.6208578	27.6	1.928	205.7	149.2056183
2.246	191.2	137.6639493	27.4	2.608	187.4	136.3217962
2.106	208.7	153.1182603	27.3	2.711	202.6	145.7762909
1.47	225.6	190.5537426	27.43	1.807	224.2	186.1096044
2.227	233.3	178.312062	27.87	2.854	229.6	188.0494405

28.34	2.51	212.6	159.1957351	156.5830882	Yes
28.38	2.377	208	152.1495751	149.7676766	Yes
28.31	2.185	211.6	157.5218261	154.4973519	Yes
28.35	3.069	204.9	148.2635581	149.0597472	Yes
28.31	3.196	191.5	137.796957	138.1463801	Yes
28.3	4.203	185.4	135.8643244	135.7763883	Yes
28.13	4.1	195.3	139.8387928	138.7952198	Yes
28.07	3.57	194.8	139.5314724	138.8898633	Yes
28.02	4.164	203.7	146.9258206	145.3250868	Yes
27.96	3.501	196	140.2893212	138.5919341	Yes
28.16	3.349	183.2	135.5547035	136.1029941	Yes
28.27	3.638	192.2	138.1230627	137.2539725	Yes
28.16	3.243	218.8	171.6490075	166.9296277	Yes
28.09	2.76	222.1	180.0143756	183.0231779	Yes
28.04	2.42	215.7	164.946271	162.6362669	Yes
28.16	2.849	210.5	155.7749165	161.2612656	Yes
28.16	2.943	209.3	153.9768314	149.7165421	Yes
27.94	2.641	214.1	161.8681603	160.690636	Yes
27.58	2.819	227.7	193.8009328	183.4136102	Yes
27.51	2.042	225.7	190.8837175	188.561596	Yes
27.75	2.481	220.8	176.5532489	169.2463376	Yes
27.7	2.828	216.4	166.3713526	160.4259892	Yes
27.55	2.36	213.5	160.7752562	160.2437697	Yes
27.49	2.467	233.3	178.312062	184.648694	Yes
27.64	2.185	221.3	177.8577632	162.4875734	Yes
27.97	2.158	227.1	195.6900033	186.2078475	Yes
28.29	2.337	221	177.0711342	175.412275	Yes
28.46	2.926	193.4	138.734051	137.3837555	Yes
28.41	3.755	182.6	135.5051412	136.3440444	Yes
28.41	3.781	183.3	135.564413	135.7907416	Yes
28.43	3.974	201.1	144.3223303	140.8867799	Yes
28.31	3.916	195.5	139.9650888	138.4410281	Yes
28.45	3.229	203.8	147.0339187	150.1877206	Yes
28.46	3.396	202.3	145.4751667	142.1016354	Yes
28.53	3.272	196.5	140.6257933	139.784775	Yes
28.49	4.504	189.7	137.0589052	136.0673597	Yes
28.34	3.6	204.8	148.1486618	143.9999647	Yes
28.41	2.998	207	150.8255466	151.0169138	Yes
28.37	3.828	227.5	194.4394783	185.8523468	Yes
28.26	3.643	216.2	165.9591491	169.2377187	Yes
28.27	3.492	211	156.5569873	160.8926674	Yes
28.44	2.608	201.1	144.3223303	143.0125601	Yes
28.66	2.768	206.5	150.1891937	149.6141504	Yes
28.67	3.345	202.6	145.7762909	143.8269792	Yes
28.41	3.245	219.1	172.3538995	175.1569925	Yes
27.82	2.783	215.7	164.946271	161.9240467	Yes
27.55	2.416	210.9	156.3989918	152.485523	Yes
27.39	3.245	193.3	138.6806025	137.0320644	Yes
27.31	3.172	209.9	154.8621634	148.0425535	Yes
27.44	2.172	224.3	186.4164902	185.5242929	Yes
27.83	3.106	232.5	180.2679334	182.1478598	Yes

26.03
12.4
17.12
6.245
11.48
7.62
7.24
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7.23
5.661
8.74
13.39
11.72
18.22
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16.01
27.11
21.83
8.71
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24.93
12.62
10.22
10.38
7.11
20.1
37.44
8.26
14.53
15.32
35.81
11.4

7/26/2019	13:24	28.44	1.301
7/26/2019	13:25	28.72	1.28
7/26/2019	13:26	28.88	0.911
7/26/2019	13:27	28.94	1.028
7/26/2019	13:28	29.03	0.853
7/26/2019	13:29	29.31	1.281
7/26/2019	13:30	29.47	1.667
7/26/2019	13:31	29.55	1.501
7/26/2019	13:32	29.58	1.451
7/26/2019	13:33	29.4	1.417
7/26/2019	13:34	29.38	0.998
7/26/2019	13:35	29.51	0.962
7/26/2019	13:36	29.57	1.272
7/26/2019	13:37	29.23	1.158
7/26/2019	13:38	28.81	0.977
7/26/2019	13:39	28.44	1.148
7/26/2019	13:40	28.16	1.113
7/26/2019	13:41	27.89	1.181
7/26/2019	13:42	27.7	1.14
7/26/2019	13:43	27.57	1.109
7/26/2019	13:44	27.56	0.846
7/26/2019	13:45	27.49	0.897
7/26/2019	13:46	27.46	0.657
7/26/2019	13:47	27.47	0.54
7/26/2019	13:48	27.48	0.665
7/26/2019	13:49	27.46	1.131
7/26/2019	13:50	27.49	1.384
7/26/2019	13:51	27.85	0.859
7/26/2019	13:52	28.33	1.523
7/26/2019	13:53	28.61	1.675
7/26/2019	13:54	28.78	1.259
7/26/2019	13:55	29.04	1.194
7/26/2019	13:56	29.14	1.11
7/26/2019	13:57	29.3	1.299
7/26/2019	13:58	29.29	1.449
7/26/2019	13:59	29.12	1.268
7/26/2019	14:00	29.04	1.229
7/26/2019	14:01	29.1	1.343
7/26/2019	14:02	29.23	1.391
7/26/2019	14:03	29.33	1.419
7/26/2019	14:04	29.12	1.243
7/26/2019	14:05	28.82	0.995
7/26/2019	14:06	28.74	0.91
7/26/2019	14:07	28.9	1.447
7/26/2019	14:08	28.78	1.328
7/26/2019	14:09	28.52	1.362
7/26/2019	14:10	28.64	1.272
7/26/2019	14:11	28.91	1.608
7/26/2019	14:12	29.13	1.734
7/26/2019	14:13	29.17	1.319
7/26/2019	14:14	29.25	1.459

223.8	184.8977039	28.6
223.5	184.0049395	28.87
222.5	181.1257634	29.05
219.8	174.0400802	29.13
202.2	145.3759529	29.19
190.9	137.5349652	29.55
184	135.6439919	29.77
203.7	146.9258206	29.86
207.4	151.3468538	29.89
224.8	187.9748679	29.66
211	156.5569873	29.6
217	167.6326681	29.74
234	176.6631365	29.82
241	162.9661204	29.36
225.3	189.5740787	28.87
218.6	171.184873	28.46
227.3	195.0846305	28.19
223.7	184.5985921	27.93
215.9	165.3484246	27.76
212.4	158.8542338	27.65
221.4	178.1226162	27.69
214.4	162.4269132	27.66
205.1	148.4952449	27.66
197	140.9746448	27.7
193.3	138.6806025	27.76
205.3	148.729472	27.78
218.2	170.2702897	27.78
206.2	149.8154124	28.16
189.7	137.0589052	28.71
217.1	167.8465446	29
190.1	137.21054	29.13
207.1	150.9548471	29.44
215.6	164.7466785	29.52
205.2	148.6120398	29.67
220.2	175.0303206	29.61
238.1	168.0709172	29.37
216.7	166.9973396	29.22
192.3	138.1714606	29.25
182.7	135.5123672	29.43
191.1	137.6205085	29.62
206.3	149.9393426	29.4
197.5	141.3360215	29.09
202.9	146.0826775	29
215.6	164.7466785	29.23
214.9	163.3767931	29.07
207.9	152.0140384	28.74
216.7	166.9973396	28.82
184.8	135.759882	29.13
182.5	135.4983288	29.42
195.7	140.0933217	29.47
193.3	138.6806025	29.56

2.17	210.9
1.893	215.7
1.449	216.4
1.517	203.7
1.464	193
1.94	181.3
2.388	172.8
2.168	187.5
2.354	200.2
2.054	211.2
1.612	204
1.43	205.4
1.856	221.4
1.725	224.9
1.587	214.9
1.751	201.7
1.5	215.8
1.597	208.5
1.771	205.9
1.584	200.2
1.39	206.8
1.291	200.7
0.999	196.8
0.88	186.4
0.961	184.4
1.846	191.9
2.271	201
1.713	197.8
2.12	187.6
2.242	204.1
1.945	179.3
1.561	195.4
1.652	202.1
1.965	194.1
2.076	205.4
2.02	223.7
1.837	206.7
2.214	182.2
2.01	179.1
2.49	181.4
2.226	191.5
1.436	191
1.632	184.3
1.951	206
2.173	204.2
2.182	201.2
2.139	200.7
2.345	181.8
2.308	180.6
2.267	187.2
1.85	185.5

156.3989918	28.37
164.946271	28.6
166.3713526	28.76
146.9258206	28.78
138.5230334	28.85
135.4488008	29.16
136.810367	29.28
136.3491176	29.31
143.5106627	29.28
156.8753741	29.03
147.2519401	29.09
148.8475437	29.26
178.1226162	29.34
188.2914027	28.94
163.3767931	28.46
144.8885107	28.1
165.1468514	27.85
152.8379067	27.65
149.4475739	27.48
143.5106627	27.4
150.5689831	27.42
143.9560723	27.41
140.8336095	27.41
136.0719483	27.44
135.6986053	27.47
137.9805921	27.47
144.2299319	27.51
141.5589225	27.9
136.3768654	28.43
147.3618674	28.61
135.4983288	28.74
139.9016992	29.01
145.2773166	29.01
139.1212357	29.12
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184.5985921	28.85
150.441715	28.79
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135.5123672	28.95
135.4506575	29.11
137.796957	28.8
137.577514	28.5
135.6843278	28.46
149.5695304	28.72
147.4724086	28.59
144.4152874	28.31
143.9560723	28.42
135.4622116	28.71
135.4473567	28.97
136.2684311	28.97
135.8831963	29.02

2.408	218.6	171.184873	28.23	3.005	214.1	161.8681603
2.224	221.2	177.5942369	28.45	2.78	215.5	164.548069
1.652	218.1	170.0444603	28.57	2.164	214.5	162.6150149
1.732	209	153.5442409	28.57	2.142	206.7	150.441715
1.63	197.8	141.5589225	28.63	2.086	194.3	139.23608
2.382	184.4	135.6986053	28.92	2.789	179.7	135.475212
2.941	179.9	135.4661321	29.04	3.577	175.8	135.9838512
2.622	194.9	139.5919783	29.02	3.241	186.7	136.1424529
2.599	207	150.8255466	28.95	3.531	201	144.2299319
2.393	217.8	169.3736382	28.68	2.93	210.5	155.7749165
1.902	211.9	158.0152438	28.78	2.262	207.7	151.7450728
1.801	211.1	156.7157803	29	1.988	206.7	150.441715
1.989	228.5	191.3112307	29.09	2.725	222.5	181.1257634
1.993	230.4	185.7886529	28.7	2.562	227.5	194.4394783
1.941	220.3	175.2809825	28.21	2.38	215.8	165.1468514
1.959	209.5	154.2689366	27.86	2.527	204.6	147.9207527
1.77	222.3	180.5672593	27.62	2.269	218.8	171.6490075
1.929	215.7	164.946271	27.46	2.452	210.3	155.4675767
2.125	215.1	163.7633675	27.32	2.639	209.8	154.712722
1.911	209	153.5442409	27.25	2.297	203.4	146.6051528
1.512	214.8	163.184934	27.27	1.986	209.8	154.712722
1.516	207.7	151.7450728	27.27	1.877	203.6	146.8183282
1.103	200.4	143.6871825	27.26	1.452	199.2	142.6604859
1.07	190.6	137.4099861	27.27	1.258	187.8	136.4336422
1.104	190	137.171973	27.31	1.327	187.3	136.2949008
2.084	197.4	141.262737	27.32	2.602	188.9	136.7766005
2.342	208.3	152.5604335	27.38	3.117	202.4	145.5749597
1.717	204	147.2519401	27.79	2.306	199.5	142.9099119
2.535	195.9	140.2234999	28.32	3.097	189.8	137.0961561
2.513	211.1	156.7157803	28.44	3.237	203.1	146.2898835
2.129	185	135.7930238	28.55	2.808	179.2	135.5051412
2.093	201	144.2299319	28.8	2.342	194.2	139.1784222
2.067	206.9	150.6969261	28.75	2.592	202.4	145.5749597
2.201	200	143.3363204	28.86	2.864	196.7	140.7638403
2.327	215	163.5696028	28.69	3.009	206.2	149.8154124
2.107	227.4	194.7612235	28.57	2.852	222.4	180.8458047
2.197	211.5	157.3589946	28.55	2.771	204.6	147.9207527
2.548	188.3	136.5830783	28.61	3.181	181.4	135.4506575
2.503	186	135.9838512	28.69	3.086	178.1	135.6073966
2.851	189.2	136.8792016	28.86	3.491	181.4	135.4506575
2.352	196.3	140.4897269	28.49	3.202	188.3	136.5830783
1.748	199.6	142.9941199	28.18	2.063	192.1	138.0751192
1.91	191.5	137.796957	28.16	2.36	184.7	135.7439374
2.297	212.8	159.540656	28.5	2.868	208.1	152.2858181
2.409	210	155.0123664	28.39	3.138	203.1	146.2898835
2.232	207.3	151.2154981	28.11	3.038	201.1	144.3223303
2.445	207.8	151.8792052	28.22	3.032	202.2	145.3759529
2.801	187.6	136.3768654	28.53	3.465	181.2	135.4473567
2.917	183.9	135.6313781	28.79	3.48	179.8	135.4704656
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28.16	3.476	217.8	169.3736382	168.5874322	Yes
28.3	3.291	221	177.0711342	172.7733791	Yes
28.42	2.411	216.9	167.4198452	170.0391478	Yes
28.45	2.564	212.1	158.3483275	156.2379642	Yes
28.55	2.419	200.2	143.5106627	141.1734972	Yes
28.82	3.506	185.7	135.9221983	136.0393958	Yes
28.92	4.334	182.4	135.4919297	135.9760856	Yes
28.92	3.74	195.2	139.7763685	139.7523423	Yes
28.82	3.897	207.1	150.9548471	147.4782487	Yes
28.52	3.424	215.4	164.3504379	167.4996991	Yes
28.65	2.668	211.3	157.0357721	153.392311	Yes
28.86	2.637	210.1	155.1633342	155.9094268	Yes
28.93	2.942	225.7	190.8837175	181.8056867	Yes
28.54	2.744	230.2	186.3453391	182.8714136	Yes
28.1	2.808	219.2	172.5912057	173.3446765	Yes
27.78	2.824	211.4	157.1969778	154.5657682	Yes
27.57	2.681	221	177.0711342	178.1119372	Yes
27.43	2.86	215.7	164.946271	164.4625867	Yes
27.29	3.086	214.2	162.0534901	158.318022	Yes
27.24	2.567	210.7	156.0853794	150.6285725	Yes
27.26	2.252	214.4	162.4269132	161.6473138	Yes
27.27	2.248	210.2	155.3150699	151.2365966	Yes
27.28	1.734	201.2	144.4152874	143.9191307	Yes
27.3	1.657	192.5	138.2696225	137.7225554	Yes
27.35	1.612	192.5	138.2696225	136.9615204	Yes
27.36	3.016	196.8	140.8336095	141.1873504	Yes
27.41	3.514	208.8	153.2595242	153.1589037	Yes
27.77	2.428	206.7	150.441715	145.3840467	Yes
28.27	3.663	196.8	140.8336095	137.6888566	Yes
28.34	3.632	209	153.5442409	154.553519	Yes
28.49	3.126	187	136.2167669	136.0017585	Yes
28.71	2.877	203.2	146.3943767	143.5662251	Yes
28.63	3.084	208	152.1495751	151.5739702	Yes
28.75	3.331	202.1	145.2773166	142.958359	Yes
28.55	3.258	212.7	159.3677662	159.3157199	Yes
28.45	2.978	225.6	190.5537426	182.0691344	Yes
28.44	3.145	209.9	154.8621634	155.6797005	Yes
28.5	3.802	190.1	137.21054	136.421392	Yes
28.59	3.769	187	136.2167669	135.6539955	Yes
28.79	3.997	187.4	136.3217962	136.3502563	Yes
28.41	3.492	195.7	140.0933217	141.2022762	Yes
28.16	2.533	199.9	143.249962	139.9956936	Yes
28.17	2.597	193.9	139.008273	138.8269749	Yes
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28.35	3.588	208.3	152.5604335	153.0378629	Yes
28.07	3.379	205.7	149.2056183	147.9917885	Yes
28.15	3.584	207.9	152.0140384	152.0521425	Yes
28.46	3.89	188.3	136.5830783	135.7615789	Yes
28.71	4.261	187.2	136.2684311	135.5118823	Yes
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28.68	3.474	191.9	137.9805921	136.8267579	Yes

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2.923	190	137.171973	28.83	3.766	182.9	135.52806
2.622	191.7	137.8878733	28.75	3.625	184	135.6439919
2.745	183	135.5365272	28.73	3.491	179.1	135.5123672
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28.45	3.186	199.9	143.249962	141.620748	Yes
28.13	3.265	189.3	136.9142707	135.830296	Yes
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28.82	3.748	173.2	136.6778973	138.1032243	Yes
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28.81	2.877	169.8	138.0276292	139.5645247	Yes
28.88	3.135	187.5	136.3491176	136.4847017	Yes
28.99	3.548	190	137.171973	136.4739838	Yes
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7/26/2019	15:25	29.9	1.423
7/26/2019	15:26	29.89	1.05
7/26/2019	15:27	29.9	0.975
7/26/2019	15:28	29.91	1.388
7/26/2019	15:29	29.82	1.3
7/26/2019	15:30	29.73	1.418
7/26/2019	15:31	29.7	1.48
7/26/2019	15:32	29.59	1.369
7/26/2019	15:33	29.54	1.519
7/26/2019	15:34	29.54	1.352
7/26/2019	15:35	29.55	1.292
7/26/2019	15:36	29.58	1.026
7/26/2019	15:37	29.62	0.977
7/26/2019	15:38	29.7	0.819
7/26/2019	15:39	29.8	0.892
7/26/2019	15:40	29.83	0.706
7/26/2019	15:41	29.51	1.073
7/26/2019	15:42	29.03	0.997
7/26/2019	15:43	28.82	0.672
7/26/2019	15:44	28.92	1.01
7/26/2019	15:45	29.04	1.279
7/26/2019	15:46	29.13	1.543
7/26/2019	15:47	29.09	1.264
7/26/2019	15:48	29.16	1.054
7/26/2019	15:49	29.28	0.932
7/26/2019	15:50	29.41	0.912
7/26/2019	15:51	29.47	0.763
7/26/2019	15:52	29.6	1.118
7/26/2019	15:53	29.65	1.292
7/26/2019	15:54	29.62	1.148
7/26/2019	15:55	29.58	1.233
7/26/2019	15:56	29.53	1.033

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190.3	137.2889944	29.72
193.2	138.6276173	29.88
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194	139.0645196	30.1
165.6	140.4224336	30.22
189.1	136.8445673	30.27
195.2	139.7763685	30.18
201.9	145.0817692	30
228.4	191.6169031	29.78
239.1	166.2266321	29.61
222.5	181.1257634	29.61
221.8	179.1954466	29.64
218.8	171.6490075	29.61
213.2	160.24088	29.71
217.2	168.0614801	29.82
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206.5	150.1891937	29.88
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173.7	136.5220169	30.25
195.7	140.0933217	30.31
198.8	142.3353263	30.29
199.6	142.9941199	30.13
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191.2	137.6639493	29.89
189.5	136.9857152	29.86
187.9	136.4626721	29.88
191.9	137.9805921	29.9
192.1	138.0751192	29.93
191.7	137.8878733	29.98
195.1	139.7144254	30.08
172.3	136.9857152	30.23
186.1	136.0052434	30.3
195.6	140.0289626	29.93
201	144.2299319	29.35
211.6	157.5218261	29.09
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188	136.4921301	29.35
201.8	144.9848547	29.47
219.1	172.3538995	29.38
196	140.2893212	29.43
187.9	136.4626721	29.58
210.6	155.9297559	29.75
217.6	168.9319213	29.84
184.9	135.7762441	29.99
165.8	140.2893212	30.11
154.6	151.0848301	30.13
170.7	137.6205085	30.11
184.4	135.6986053	30.04

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2.172	195.2
2.103	192.1
1.783	215.3
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1.294	215.4
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1.645	196
1.917	205.1
1.851	202.8
1.439	194.2
1.559	180
1.822	169.9
1.527	167.3
1.809	187.8
2.155	192.9
2.016	192.6
1.99	177.2
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2.249	180
1.784	181.2
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1.581	184.1
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1.899	184.1
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2.266	180
2.794	192
2.297	205
1.897	190.2
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1.889	161.5
1.703	157.3
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2.343	172.3

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139.7763685	29.45
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140.2893212	29.27
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145.9799608	29.31
139.1784222	29.41
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142.8262379	28.7
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138.0276292	29.02
148.379085	28.98
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135.475212	29.2
140.8336095	29.34
143.8658923	29.39
136.2423866	29.54
143.5986496	29.62
147.8077356	29.55
142.096964	29.49
136.9857152	29.41

2.885	193.2	138.6276173	28.87	3.52	185.3	135.8458714
2.089	187	136.2167669	28.89	2.544	181.5	135.452927
1.627	182.8	135.5200067	29.04	1.996	175.7	136.0052434
1.606	201.3	144.5088047	29.18	2.146	193	138.5230334
1.935	196.7	140.7638403	29.11	2.353	189.5	136.9857152
2.151	169.7	138.0751192	29.28	2.844	166.4	139.9016992
2.287	188.2	136.5523328	29.3	2.728	183.1	135.5454083
2.522	198.5	142.096964	29.15	3.199	193.6	138.8423412
2.567	196.4	140.557513	28.98	2.993	191.9	137.9805921
2	222.4	180.8458047	28.84	2.76	217.3	168.2774801
1.615	230.1	186.6257896	28.87	2.079	226.6	193.9326112
1.613	220.7	176.2962446	29	1.858	218.9	171.8828066
2.274	220.6	176.0405229	29.08	2.734	213.8	161.3176459
1.856	210.6	155.9297559	28.99	2.477	207	150.8255466
1.812	203	146.1859844	29.02	2.303	197.3	141.1899582
2.332	213.8	161.3176459	29.1	2.84	205.5	148.9662571
1.801	209	153.5442409	29.07	2.551	202.2	145.3759529
1.64	200.5	143.7762629	29.17	2.041	193.7	138.8971847
1.852	181.3	135.4488008	29.31	2.208	178.6	135.5547035
2.336	174.8	136.2167669	29.4	2.765	166.8	139.6529623
1.912	172	137.0961561	29.34	2.351	166.2	140.0289626
1.992	193.9	139.008273	29.36	2.435	186.5	136.0950271
2.426	200.2	143.5106627	29.26	3.106	195	139.6529623
2.284	196.2	140.4224336	29.1	2.849	192.2	138.1230627
2.438	182.3	135.4859439	29.06	2.886	176.3	135.8831963
2.58	180.5	135.4488008	29.1	3.348	172.7	136.8445673
2.57	185.3	135.8458714	28.99	3.229	180.4	135.4506575
2.632	186.6	136.1185285	29	3.14	179.3	135.4983288
2.435	187.1	136.2423866	29.03	3.057	180.4	135.4506575
2.594	184.4	135.6986053	29.08	3.246	178.4	135.5745369
2.355	185.5	135.8831963	29.14	2.649	181.9	135.4661321
2.194	191.7	137.8878733	29.15	2.542	185.2	135.8278372
1.81	186.4	136.0719483	29.23	2.282	183.4	135.5745369
1.72	179.4	135.4919297	29.34	2.131	173.2	136.6778973
1.616	186.6	136.1185285	29.33	1.917	181.8	135.4622116
2.153	190.3	137.2889944	28.91	2.715	185.9	135.9628798
1.988	194.8	139.5314724	28.35	2.471	188.4	136.6142539
1.367	205.3	148.729472	28.21	1.657	200.7	143.9560723
2.223	207.1	150.9548471	28.47	2.697	199.2	142.6604859
2.38	185.8	135.9423289	28.69	3.106	176.9	135.7762441
2.819	194.4	139.2942101	28.83	3.833	189.2	136.8792016
2.327	210.6	155.9297559	28.78	3.276	204.4	147.6953406
1.996	193.7	138.8971847	28.85	2.66	188.5	136.6458601
2.008	188	136.4921301	28.98	2.568	182.2	135.4803714
1.782	202.2	145.3759529	29.1	2.316	196.7	140.7638403
1.546	207.1	150.9548471	29.1	2.087	204.4	147.6953406
1.983	181.3	135.4488008	29.24	2.402	173.6	136.5523328
2.235	168.6	138.6276173	29.31	2.736	159.9	145.0817692
2.003	162.4	142.8262379	29.2	2.355	154.9	150.6969261
2.368	171.3	137.3692134	29.16	3.063	161.1	143.9560723
2.354	177	135.759882	29.07	3.302	168.4	138.734051

28.74	4.226	193.7	138.8971847	138.1331453	Yes
28.78	3.121	189.8	137.0961561	136.1072885	Yes
28.93	2.417	182.2	135.4803714	136.4111993	Yes
29.06	2.407	199.8	143.1641434	141.719806	Yes
29	2.636	195	139.6529623	138.3729931	Yes
29.16	3.32	174	136.4336422	139.4380164	Yes
29.17	3.327	192	138.0276292	136.1925364	Yes
28.99	3.857	200.8	144.0468045	140.1230106	Yes
28.83	3.631	199.6	142.9941199	140.4237484	Yes
28.72	2.983	220.7	176.2962446	176.2234921	Yes
28.76	2.225	227.5	194.4394783	182.5505884	Yes
28.88	2.421	218.2	170.2702897	173.4138131	Yes
28.94	3.276	219	172.1177686	169.8869091	Yes
28.82	2.835	212.3	158.684756	156.8724811	Yes
28.89	2.641	202.5	145.6753339	146.976536	Yes
28.98	3.278	210.9	156.3989918	156.710157	Yes
28.93	2.692	206.6	150.3151193	155.5580461	Yes
29.03	2.479	201.1	144.3223303	143.0102659	Yes
29.17	2.803	184.6	135.7284098	135.6520422	Yes
29.21	3.287	174.8	136.2167669	137.6240454	Yes
29.16	2.767	173.6	136.5523328	138.2499873	Yes
29.23	2.935	191.9	137.9805921	137.907566	Yes
29.13	3.622	199.9	143.249962	140.9925961	Yes
28.99	3.373	196.8	140.8336095	139.9647511	Yes
28.98	3.451	182.7	135.5123672	135.6489697	Yes
29.01	3.71	182.8	135.5200067	136.2343371	Yes
28.92	3.771	188.1	136.5220169	136.1040219	Yes
28.94	3.722	187.4	136.3217962	136.046912	Yes
28.96	3.668	187.2	136.2684311	135.9054621	Yes
29.03	3.961	186	135.9838512	136.1789865	Yes
29.07	3.466	189.5	136.9857152	136.2179511	Yes
29.05	3.011	192.8	138.4202926	136.9881754	Yes
29.15	2.55	189.2	136.8792016	136.754483	Yes
29.25	2.543	181.1	135.4463252	136.1907347	Yes
29.25	2.388	188.2	136.5523328	135.7927647	Yes
28.84	3.178	193.8	138.952495	137.2344645	Yes
28.34	2.939	196.4	140.557513	139.1951746	Yes
28.22	2.133	205.3	148.729472	147.4804489	Yes
28.46	3.047	206.4	150.0639356	147.2160852	Yes
28.66	3.434	185.2	135.8278372	135.9182287	Yes
28.8	4.175	196	140.2893212	139.7964739	Yes
28.72	3.599	208.8	153.2595242	156.0895202	Yes
28.79	3.086	195.6	140.0289626	138.2704782	Yes
28.92	2.988	189.1	136.8445673	135.9775964	Yes
29.04	2.581	205	148.379085	145.7257896	Yes
29.03	2.339	208.9	153.4015168	152.8620003	Yes
29.19	2.691	182.4	135.4919297	136.0049411	Yes
29.21	3.268	169	138.4202926	141.8993393	Yes
29.05	2.929	164.2	141.4098131	148.1039324	Yes
29.04	3.525	169.8	138.0276292	140.2606895	Yes
28.95	3.584	177.2	135.7284098	136.7945634	Yes

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13.55
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10.17
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12
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15.68
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13.11
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10.34
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6.31
10.98
9.12

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7/26/2019	15:59	29.46	1.269
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7/26/2019	16:01	29.56	0.784
7/26/2019	16:02	29.61	1.106
7/26/2019	16:03	29.65	1.104
7/26/2019	16:04	29.67	0.883
7/26/2019	16:05	29.74	1.083
7/26/2019	16:06	29.77	1.064
7/26/2019	16:07	29.77	1.003
7/26/2019	16:08	29.69	0.85
7/26/2019	16:09	29.56	1.502
7/26/2019	16:10	29.41	1.025
7/26/2019	16:11	29.39	1.069
7/26/2019	16:12	29.36	0.766
7/26/2019	16:13	29.44	1.023
7/26/2019	16:14	29.5	1.043
7/26/2019	16:15	29.52	0.779
7/26/2019	16:16	29.55	0.987
7/26/2019	16:17	29.54	0.846
7/26/2019	16:18	29.55	1.318
7/26/2019	16:19	29.51	1.379
7/26/2019	16:20	29.42	1.132
7/26/2019	16:21	29.37	1.116
7/26/2019	16:22	29.28	1.593
7/26/2019	16:23	29.17	1.08
7/26/2019	16:24	29.12	1.1
7/26/2019	16:25	29.1	1.194
7/26/2019	16:26	28.98	1.452
7/26/2019	16:27	28.97	1.273
7/26/2019	16:28	29.01	1.592
7/26/2019	16:29	28.97	1.031
7/26/2019	16:30	29.08	1.048
7/26/2019	16:31	29.15	1.082
7/26/2019	16:32	29.11	1.602
7/26/2019	16:33	29.03	1.442
7/26/2019	16:34	29.03	1.305
7/26/2019	16:35	29.1	1.05
7/26/2019	16:36	29.11	1.309
7/26/2019	16:37	29.17	1.071
7/26/2019	16:38	29.25	0.984
7/26/2019	16:39	29.28	1.026
7/26/2019	16:40	29.28	0.988
7/26/2019	16:41	29.27	0.801
7/26/2019	16:42	29.18	1.015
7/26/2019	16:43	28.79	0.99
7/26/2019	16:44	28.61	0.778
7/26/2019	16:45	28.71	1.027
7/26/2019	16:46	28.87	0.932
7/26/2019	16:47	29.01	0.999

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203.6	146.8183282	29.99
199.9	143.249962	29.84
202	145.1792559	29.91
212.9	159.7144084	29.99
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169.4	138.2203136	30.14
188.4	136.6142539	30.2
175.6	136.0270567	30.29
175.3	136.0950271	30.35
215	163.5696028	30.34
216.7	166.9973396	30.19
210	155.0123664	29.99
205.4	148.8475437	29.78
213.7	161.1359522	29.77
185.8	135.9423289	29.73
178.7	135.5454083	29.91
183.3	135.564413	30.03
167.6	139.1784222	30.14
167.1	139.4714437	30.28
174.8	136.2167669	30.29
177.2	135.7284098	30.32
181	135.4457063	30.23
182.2	135.4803714	30.1
189.5	136.9857152	30.08
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211	156.5569873	29.84
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211.7	157.6854758	29.74
213.1	160.0645165	29.59
207.1	150.9548471	29.57
197.6	141.4098131	29.64
209.5	154.2689366	29.61
198.2	141.8632814	29.8
198.9	142.4158267	29.94
224.4	186.7249594	29.89
205.6	149.0856146	29.73
203.1	146.2898835	29.73
188.8	136.743267	29.86
200.6	143.8658923	29.9
194.8	139.5314724	30
190.1	137.21054	30.14
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212.3	158.684756	30.2
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186.3	136.0492916	29.49
172.7	136.8445673	29.63

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1.952	195.7
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1.57	196.8
1.49	193.7
1.861	174.5
1.96	166.8
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1.9	173.3
1.687	174.2
1.695	205
1.343	207.6
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1.864	200.6
1.905	203
1.541	183.2
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2.285	172.7
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2.087	170.1
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2.278	195.1
2.01	204
1.964	195.5
2.269	204
2.322	201.5
2.005	198.4
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1.771	198.8
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1.991	189.6
2.627	205.1
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1.953	192.5
2.118	183.7
1.986	187.6
1.649	188.9
1.985	176.8
1.621	182.4
1.816	183.6
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1.645	189.8
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1.709	183.7
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1.994	182
1.839	173.1

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136.6458601	29.65
136.3768654	29.7
148.379085	29.69
151.6116385	29.63
146.4994658	29.47
143.8658923	29.28
146.1859844	29.26
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136.2684311	29.45
138.2203136	29.51
143.0788632	29.58
139.9650888	29.59
136.8445673	29.6
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137.8878733	29.4
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139.7144254	29.27
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139.9650888	29.15
147.2519401	29.1
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142.0185516	29
137.0220917	29.06
142.3353263	29.03
135.6191797	29.21
137.0220917	29.26
148.4952449	29.16
140.4897269	29.08
138.2696225	29.06
135.6073966	29.16
136.3768654	29.2
136.7766005	29.26
135.7930238	29.38
135.4919297	29.42
135.5960285	29.39
140.355632	29.39
137.0961561	29.28
145.3759529	28.76
135.6073966	28.55
136.0492916	28.75
135.4704656	28.99
136.7103661	29.17

2.016	194.4	139.2942101	29.08	2.639	191.2	137.6639493
2.392	201.3	144.5088047	29.04	3.019	197.1	141.0459134
2.273	196.3	140.4897269	28.91	2.969	192	138.0276292
1.582	201.5	144.6975271	28.99	2.164	196.9	140.9038772
1.56	197.3	141.1899582	29.06	2.187	193.6	138.8423412
2.161	182.6	135.5051412	29.11	2.526	176.5	135.8458714
2.216	172.4	136.949775	29.21	2.857	163.6	141.8632814
1.91	186.6	136.1185285	29.23	2.253	180.2	135.4556091
2.143	178.4	135.5745369	29.3	2.63	170.8	137.577514
2.011	182.1	135.475212	29.34	2.402	175.3	136.0950271
1.812	209.7	154.5640391	29.32	2.434	204.6	147.9207527
1.441	214.8	163.184934	29.28	1.887	212.9	159.7144084
2.666	209.4	154.1225109	29.12	3.121	202.8	145.9799608
2.198	205.9	149.4475739	28.92	2.731	201	144.2299319
2.114	206.9	150.6969261	28.91	2.681	201.7	144.8885107
1.598	186.1	136.0052434	28.89	2.04	183.7	135.6073966
2.092	173.2	136.6778973	29.05	2.615	167.5	139.23608
2.086	180.4	135.4506575	29.1	2.675	173	136.743267
1.484	172.9	136.7766005	29.15	1.909	166.2	140.0289626
1.86	165.8	140.2893212	29.19	2.527	159.4	145.5749597
2.073	173.8	136.4921301	29.18	2.546	164.6	141.1176841
2.673	180.2	135.4556091	29.19	3.146	175.2	136.1185285
2.928	183	135.5365272	29.15	3.315	177.8	135.6439919
2.294	174	136.4336422	29.04	2.938	167.8	139.0645196
2.43	185.6	135.9024875	29.03	2.909	180.4	135.4506575
2.841	201.9	145.0817692	28.92	3.243	194.9	139.5919783
2.064	208.6	152.9777221	28.85	2.735	203.8	147.0339187
2.097	200.6	143.8658923	28.82	2.636	196.5	140.6257933
2.489	210.5	155.7749165	28.77	3.176	203	146.1859844
2.53	208.6	152.9777221	28.69	3.259	202.7	145.8778326
2.241	205.7	149.2056183	28.7	2.917	200.9	144.1380905
2.658	198.1	141.786421	28.76	3.564	190.5	137.3692134
1.687	204.5	147.8077356	28.75	2.389	199.4	142.8262379
2.175	189.9	137.1338452	28.92	2.604	184.3	135.6843278
2.214	195.1	139.7144254	28.94	2.783	192.1	138.0751192
2.627	211.7	157.6854758	28.84	3.533	204.7	148.034394
2.624	203.5	146.7114396	28.77	3.3	197	140.9746448
2.242	200	143.3363204	28.74	2.641	195.7	140.0933217
2.124	188.1	136.5220169	28.85	2.843	181.3	135.4488008
2.327	190	137.171973	28.9	2.803	186.7	136.1424529
1.91	193.1	138.5750946	28.96	2.314	190.2	137.249547
2.145	183.7	135.6073966	29.07	2.719	176.7	135.8102214
2.005	184.8	135.759882	29.08	2.359	183.4	135.5745369
1.961	189.9	137.1338452	29.03	2.478	183.4	135.5745369
1.461	202.8	145.9799608	29.03	1.987	198.1	141.786421
2.048	198.3	141.9406579	28.93	2.38	194.4	139.2942101
1.914	210.9	156.3989918	28.45	2.574	203.8	147.0339187
1.697	190.9	137.5349652	28.27	2.212	184.9	135.7762441
1.849	181.5	135.452927	28.51	2.139	176.1	135.9221983
2.149	186.6	136.1185285	28.75	2.692	179.4	135.4919297
1.965	177	135.759882	28.9	2.452	169.6	138.1230627

29.03	3.055	198.1	141.786421	140.4046695	Yes
28.97	3.505	203.3	146.4994658	143.116592	Yes
28.86	3.304	197.6	141.4098131	139.9253313	Yes
28.93	2.297	203.3	146.4994658	142.9035674	Yes
29	2.551	198.3	141.9406579	144.6609731	Yes
29.07	2.94	186	135.9838512	135.8684377	Yes
29.16	3.435	173.5	136.5830783	139.1715831	Yes
29.17	2.699	187.5	136.3491176	135.9117739	Yes
29.25	3.165	179.2	135.5051412	136.4562419	Yes
29.3	2.97	184.1	135.6570213	136.0105329	Yes
29.28	2.728	212.2	158.5161218	153.6083699	Yes
29.24	2.11	215.1	163.7633675	160.3770801	Yes
29.04	3.804	209.1	153.6876994	150.403576	Yes
28.85	3.203	207.6	151.6116385	146.5977354	Yes
28.84	3.23	206.7	150.441715	150.7268433	Yes
28.83	2.397	190.8	137.4928614	135.7774181	Yes
28.98	3.208	176.1	135.9221983	137.3368147	Yes
29.05	3.093	183.6	135.5960285	136.0066922	Yes
29.12	2.339	171.3	137.3692134	138.5510747	Yes
29.11	2.877	167.6	139.1784222	142.1036469	Yes
29.1	3.043	175.7	136.0052434	138.4479175	Yes
29.14	3.767	183	135.5365272	136.0367787	Yes
29.12	3.923	186	135.9838512	135.5708117	Yes
29.03	3.604	178.4	135.5745369	137.2166016	Yes
29.03	3.696	188.1	136.5220169	135.956201	Yes
28.89	4.029	203.4	146.6051528	142.8016253	Yes
28.84	3.003	207.6	151.6116385	150.955142	Yes
28.8	3.041	202.7	145.8778326	142.2649146	Yes
28.74	3.626	208.2	152.4227699	151.7245792	Yes
28.66	3.635	209	153.5442409	150.9043995	Yes
28.66	3.423	206.9	150.6969261	146.5792769	Yes
28.73	3.813	199.4	142.8262379	139.3968848	Yes
28.72	2.501	205.9	149.4475739	146.8095591	Yes
28.87	3.015	190.2	137.249547	137.5751585	Yes
28.89	3.138	197.3	141.1899582	139.3068657	Yes
28.78	3.85	209.5	154.2689366	160.2350185	Yes
28.73	3.639	203.8	147.0339187	144.3153565	Yes
28.7	3.164	201.9	145.0817692	141.997287	Yes
28.82	3.22	189.3	136.9142707	136.0803703	Yes
28.86	3.341	192.6	138.3193881	138.3892959	Yes
28.9	2.909	195.9	140.2234999	138.0331786	Yes
29	3.235	186.6	136.1185285	136.1052955	Yes
29.02	3.077	190.8	137.4928614	135.8841787	Yes
28.97	2.929	192.6	138.3193881	136.6685055	Yes
28.96	2.156	201.7	144.8885107	146.7016925	Yes
28.88	2.942	203.1	146.2898835	141.5346899	Yes
28.44	2.894	209.1	153.6876994	155.4096392	Yes
28.29	2.617	191.9	137.9805921	136.2775444	Yes
28.51	2.568	183.1	135.5454083	135.7179434	Yes
28.74	3.255	187.5	136.3491176	135.7825538	Yes
28.89	2.867	177.3	135.7132992	136.8594695	Yes

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11.73

7/26/2019	16:48	29.14	1.044
7/26/2019	16:49	29.25	0.92
7/26/2019	16:50	29.36	0.892
7/26/2019	16:51	29.41	1.262
7/26/2019	16:52	29.37	1.137
7/26/2019	16:53	29.31	1.106
7/26/2019	16:54	29.3	0.837
7/26/2019	16:55	29.26	1.675
7/26/2019	16:56	29.19	1.113
7/26/2019	16:57	29.3	0.894
7/26/2019	16:58	29.41	1.008
7/26/2019	16:59	29.35	1.012
7/26/2019	17:00	29.42	0.683
7/26/2019	17:01	29.56	0.904
7/26/2019	17:02	29.65	0.644
7/26/2019	17:03	29.73	1.085
7/26/2019	17:04	29.72	1.168
7/26/2019	17:05	29.64	0.994
7/26/2019	17:06	29.39	0.922
7/26/2019	17:07	29.01	1.13
7/26/2019	17:08	28.85	1.113
7/26/2019	17:09	28.82	1.002
7/26/2019	17:10	28.89	1.096
7/26/2019	17:11	29.02	0.84
7/26/2019	17:12	29.19	0.754
7/26/2019	17:13	29.38	1.177
7/26/2019	17:14	29.44	1.143
7/26/2019	17:15	29.45	1.047
7/26/2019	17:16	29.38	0.966
7/26/2019	17:17	29.28	1.091
7/26/2019	17:18	29.24	1.662
7/26/2019	17:19	29.17	1.118
7/26/2019	17:20	29.18	1.463
7/26/2019	17:21	29.21	0.977
7/26/2019	17:22	29.23	1.053
7/26/2019	17:23	29.22	1.235
7/26/2019	17:24	29.14	1.405
7/26/2019	17:25	29.14	1.188
7/26/2019	17:26	29.14	1.288
7/26/2019	17:27	29.15	1.373
7/26/2019	17:28	29.16	1.278
7/26/2019	17:29	29.13	1.235
7/26/2019	17:30	29.07	1.022
7/26/2019	17:31	29.04	0.943
7/26/2019	17:32	29.07	0.971
7/26/2019	17:33	29.07	0.912
7/26/2019	17:34	29.15	0.817
7/26/2019	17:35	29.2	1.026
7/26/2019	17:36	29.11	0.968
7/26/2019	17:37	29.17	0.898
7/26/2019	17:38	29.25	1.152

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167.4	139.2942101	29.92
161.4	143.6871825	29.86
163.2	142.1758963	29.84
162.1	143.0788632	29.79
185.3	135.8458714	29.66
198.4	142.0185516	29.76
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209	153.5442409	29.73
198.5	142.096964	29.75
205.5	148.9662571	29.89
200	143.3363204	30.01
201	144.2299319	30.12
202.8	145.9799608	30.08
196.2	140.4224336	30
170.2	137.8421902	29.78
172.8	136.810367	29.34
175.5	136.0492916	29.16
173.4	136.6142539	29.22
182.6	135.5051412	29.38
182.4	135.4919297	29.55
198.2	141.8632814	29.78
196	140.2893212	29.99
177.3	135.7132992	30.06
184.4	135.6986053	30.06
213.5	160.7752562	29.97
207.2	151.0848301	29.81
194	139.0645196	29.73
191	137.577514	29.63
189.7	137.0589052	29.65
189	136.810367	29.69
202.9	146.0826775	29.76
210.5	155.7749165	29.74
210.3	155.4675767	29.64
193.6	138.8423412	29.61
193.7	138.8971847	29.62
183.6	135.5960285	29.63
190.3	137.2889944	29.64
194.2	139.1784222	29.63
183	135.5365272	29.59
204.8	148.1486618	29.56
207.4	151.3468538	29.58
205.4	148.8475437	29.57
206.9	150.6969261	29.66
212.6	159.1957351	29.69
215.9	165.3484246	29.58
195.5	139.9650888	29.64
188.3	136.5830783	29.75

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1.632	160.9
1.48	162.5
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1.981	175.9
1.396	191.1
1.708	201.1
1.696	198.8
1.284	191.3
1.553	185
1.436	189.1
1.868	190.3
1.861	187
1.878	189.3
1.896	165.6
2.023	169.6
2.215	168.5
1.875	165.7
2.072	170.5
1.752	180.7
1.466	186.1
1.836	178.6
1.898	172.6
1.816	184.3
2.236	194.5
2.171	189.1
2.708	182.4
2.005	188.8
2.255	184.5
1.956	181.6
1.983	194.7
2.383	194.8
2.334	190.1
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2.279	187.3
2.194	177.2
2.29	177.7
2.678	177.7
2.213	176.8
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1.654	199.8
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1.561	196
1.943	203
1.812	204
1.733	183.6
2.162	176.1

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138.6806025	28.6
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137.7078372	28.8
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135.6843278	29.33
139.3528135	29.21
136.8445673	29.09
135.4919297	29.03
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141.1176841	28.85
140.2893212	28.92
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135.9221983	29.04

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1.936	181.9	135.4661321	29.11	2.307	177.9	135.6313781
2.043	179.3	135.4983288	29.22	2.715	172.3	136.9857152
2.27	174	136.4336422	29.24	2.739	164.7	141.0459134
2.241	173	136.743267	29.14	2.89	165.1	140.7638403
1.937	161.9	143.249962	29.04	2.205	156.6	148.6120398
1.885	167.6	139.1784222	29.03	2.06	159.6	145.3759529
2.584	159.9	145.0817692	28.98	3.203	154.3	151.4788997
2.304	181.2	135.4473567	28.89	2.783	174.3	136.3491176
1.57	193.9	139.008273	29.02	1.897	190	137.171973
1.864	208.6	152.9777221	29.11	2.318	201.1	144.3223303
2.192	208	152.1495751	28.96	2.37	202.1	145.2773166
1.498	196.3	140.4897269	28.97	1.799	190.6	137.4099861
1.748	190.7	137.4512019	29.12	2.163	185.7	135.9221983
1.34	197.7	141.484113	29.17	1.954	188.4	136.6142539
2.139	197.6	141.4098131	29.2	2.691	192.4	138.2203136
2.387	194.6	139.411891	29.08	2.719	189.3	136.9142707
2.087	194	139.0645196	28.98	2.632	190.3	137.2889944
1.859	169.1	138.3696112	28.77	2.375	163.4	142.0185516
2.186	175.7	136.0052434	28.38	2.62	167.1	139.4714437
2.189	172.1	137.0589052	28.28	2.909	160.9	144.1380905
1.96	167	139.5314724	28.35	2.446	159.3	145.6753339
2.188	178.3	135.5850754	28.52	2.753	168.4	138.734051
1.733	179.7	135.475212	28.69	2.219	173.3	136.6458601
1.506	195.4	139.9016992	28.87	1.816	188.5	136.6458601
2.143	185.3	135.8458714	29.02	2.557	177.1	135.7439374
2.256	176.6	135.8278372	29.06	2.633	170.3	137.796957
2.102	186.8	136.1668004	29.01	2.419	183.9	135.6313781
1.914	201.7	144.8885107	28.88	3.118	194	139.0645196
2.218	197.1	141.0459134	28.75	2.863	188.2	136.5523328
2.879	189.9	137.1338452	28.69	3.69	183.2	135.5547035
2.095	193.9	139.008273	28.6	2.582	189.2	136.8792016
2.529	187.9	136.4626721	28.64	2.976	183.8	135.6191797
2.076	186.1	136.0052434	28.67	2.456	179.8	135.4704656
2.054	200.8	144.0468045	28.69	2.697	195.5	139.9650888
2.244	201.9	145.0817692	28.67	2.957	195	139.6529623
2.499	197.8	141.5589225	28.64	3.193	189.3	136.9142707
2.413	191.5	137.796957	28.67	2.721	185.2	135.8278372
2.39	192.2	138.1230627	28.66	3.015	185.2	135.8278372
2.547	182.6	135.5051412	28.66	2.882	176.2	135.9024875
2.544	184	135.6439919	28.69	2.867	177.1	135.7439374
2.639	185.2	135.8278372	28.7	3.542	176	135.9423289
2.497	183.6	135.5960285	28.66	2.883	176.7	135.8102214
2.021	199.5	142.9099119	28.58	2.473	195.2	139.7763685
1.934	207.9	152.0140384	28.57	2.233	202.3	145.4751667
1.826	208.1	152.2858181	28.58	2.439	199	142.4968525
1.703	205.3	148.729472	28.62	2.002	197.6	141.4098131
1.977	210.3	155.4675767	28.67	2.574	204.5	147.8077356
1.847	214.3	162.2397397	28.62	2.301	211	156.5569873
1.979	192.4	138.2203136	28.65	2.178	186.4	136.0719483
2.209	183.8	135.6191797	28.75	2.892	175.3	136.0950271

28.98	2.75	174.3	136.3491176	137.0269756	Yes
29.06	2.842	184.1	135.6570213	136.3905931	Yes
29.16	3.03	180.4	135.4506575	136.0693182	Yes
29.14	3.162	172.5	136.9142707	138.616684	Yes
29	3.294	172.7	136.8445673	138.844103	Yes
28.9	2.782	165.7	140.355632	144.9218187	Yes
28.89	2.726	167.5	139.23608	142.3683419	Yes
28.83	3.76	162.8	142.4968525	146.6413382	Yes
28.78	3.215	181.9	135.4661321	135.9013064	Yes
28.95	2.31	195.7	140.0933217	138.9548265	Yes
29.04	2.791	207.1	150.9548471	149.7860522	Yes
28.89	2.993	210.1	155.1633342	148.3266147	Yes
28.9	2.239	199	142.4968525	139.4261285	Yes
29.06	2.519	191.7	137.8878733	139.5331703	Yes
29.14	2.071	194.3	139.23608	139.5698136	Yes
29.13	3.004	200.1	143.4232201	140.2872633	Yes
29.03	3.309	197	140.9746448	139.6307224	Yes
28.93	3.028	198.3	141.9406579	138.4225546	Yes
28.71	2.786	172.9	136.7766005	139.6631966	Yes
28.29	3.133	174.9	136.1915717	137.6025292	Yes
28.21	3.274	170.9	137.5349652	138.9817224	Yes
28.27	2.754	167.5	139.23608	140.5441731	Yes
28.47	3.041	174.7	136.2423866	136.8830262	Yes
28.65	2.593	182.1	135.475212	135.7648317	Yes
28.84	2.195	195	139.6529623	138.604021	Yes
28.99	2.87	185.1	135.8102214	136.8584584	Yes
29.02	3.22	178.3	135.5850754	136.5543238	Yes
28.97	2.849	188.7	136.7103661	135.7952779	Yes
28.86	2.934	199	142.4968525	146.020275	Yes
28.75	3.15	194.6	139.411891	141.3819109	Yes
28.69	4.048	191.9	137.9805921	136.8112495	Yes
28.61	3.182	194.4	139.2942101	137.5520639	Yes
28.65	3.681	190.3	137.2889944	136.213514	Yes
28.69	3.007	187.7	136.4050401	135.9354213	Yes
28.69	3.018	203.3	146.4994658	142.3915036	Yes
28.66	3.35	201.7	144.8885107	145.0102801	Yes
28.64	3.653	195.3	139.8387928	142.7878275	Yes
28.67	3.565	193.1	138.5750946	137.0104181	Yes
28.68	3.383	190.3	137.2889944	137.2857464	Yes
28.68	3.575	184	135.6439919	135.6830168	Yes
28.7	3.484	184.8	135.759882	136.0834862	Yes
28.71	3.654	182.7	135.5123672	136.6514024	Yes
28.68	3.526	184.3	135.6843278	135.6839502	Yes
28.6	2.87	200.3	143.5986496	142.4608038	Yes
28.57	2.787	209.1	153.6876994	148.0000506	Yes
28.58	2.68	205.3	148.729472	146.1869746	Yes
28.61	2.477	205.1	148.4952449	145.2813831	Yes
28.64	2.925	210.1	155.1633342	152.1642579	Yes
28.59	2.618	215.5	164.548069	157.8492729	Yes
28.62	2.754	193.2	138.6276173	137.4633448	Yes
28.72	3.091	182.4	135.4919297	136.0548709	Yes

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2.177	189.7	137.0589052	28.46	2.635	183.3	135.564413
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2.313	190.1	137.21054	28.45	2.917	181.8	135.4622116
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1.99	188.4	136.6142539	28.38	2.486	183.3	135.564413
1.834	178.6	135.5547035	28.41	2.286	171.3	137.3692134
2.312	177.5	135.6843278	28.42	2.798	170.3	137.796957
2.328	188.9	136.7766005	28.38	2.879	181.7	135.458704
1.737	181.7	135.458704	28.38	2.215	176.1	135.9221983
1.661	175.8	135.9838512	28.42	2.183	169.2	138.3193881
1.636	180.6	135.4473567	28.49	1.794	173.5	136.5830783
1.671	188.2	136.5523328	28.55	2.221	180.3	135.452927
1.465	184.6	135.7284098	28.59	1.789	177.6	135.6704665
1.576	184.9	135.7762441	28.64	1.718	183.4	135.5745369
1.947	195.8	140.1581671	28.59	2.585	188.7	136.7103661
2.018	188	136.4921301	28.47	2.597	180	135.4622116
2.184	197.1	141.0459134	28.37	2.645	190.8	137.4928614
1.932	188.5	136.6458601	28.25	2.614	183.4	135.5745369
2.042	187.5	136.3491176	28.23	2.861	180.3	135.452927
2.368	190.3	137.2889944	28.18	2.585	184.7	135.7439374
2.086	182.6	135.5051412	28.17	2.456	175.2	136.1185285
2.25	190.4	137.328883	28.16	2.555	183.5	135.5850754
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1.96	192.4	138.2203136	28.16	2.586	185.9	135.9628798
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28.68	3.28	183.5	135.5850754	135.7648465	Yes
28.64	2.878	193.5	138.7879636	137.5993899	Yes
28.6	3.109	193.3	138.6806025	137.916565	Yes
28.58	3.339	192.4	138.2203136	136.122606	Yes
28.56	2.741	203.3	146.4994658	142.3910868	Yes
28.55	3.339	195.7	140.0933217	138.424889	Yes
28.57	3.259	196.4	140.557513	137.7560942	Yes
28.49	2.793	205.3	148.729472	146.9063456	Yes
28.49	2.655	204.9	148.2635581	147.1667207	Yes
28.47	2.898	204.5	147.8077356	144.799138	Yes
28.48	2.336	199.7	143.0788632	139.4187986	Yes
28.47	2.971	208	152.1495751	151.4226194	Yes
28.45	2.767	203.7	146.9258206	142.6529794	Yes
28.42	3.318	203	146.1859844	142.0062583	Yes
28.38	2.814	198.3	141.9406579	141.965833	Yes
28.46	3.046	184.6	135.7284098	136.0151635	Yes
28.51	3.273	189.7	137.0589052	136.4879687	Yes
28.49	3.196	191.8	137.9340071	136.5769922	Yes
28.49	2.953	186.4	136.0719483	135.738133	Yes
28.5	3.217	189.5	136.9857152	137.1934392	Yes
28.48	3.088	193.8	138.952495	137.9467938	Yes
28.46	3	189.5	136.9857152	136.4917713	Yes
28.47	2.782	178.7	135.5454083	136.0999065	Yes
28.46	3.318	178.4	135.5745369	136.4777318	Yes
28.45	3.321	189.1	136.8445673	136.6070148	Yes
28.46	2.586	184.4	135.6986053	135.7219111	Yes
28.49	2.449	177.1	135.7439374	136.7608468	Yes
28.55	2.35	182.2	135.4803714	136.0548064	Yes
28.65	2.393	186	135.9838512	136.4185935	Yes
28.71	2.153	182.7	135.5123672	135.8368731	Yes
28.75	2.247	188.3	136.5830783	135.630696	Yes
28.67	2.87	194.4	139.2942101	140.0183192	Yes
28.56	2.931	188.6	136.6778973	137.3608397	Yes
28.46	3.094	197.3	141.1899582	139.4161115	Yes
28.35	2.86	189.5	136.9857152	137.1475319	Yes
28.33	3.084	187.7	136.4050401	136.7009956	Yes
28.28	3.204	191.9	137.9805921	136.8573999	Yes
28.3	2.928	184.1	135.6570213	135.9205535	Yes
28.28	3.213	191.6	137.8421902	137.7448825	Yes
28.31	2.625	185.1	135.8102214	135.56055	Yes
28.3	2.935	192.5	138.2696225	138.4840607	Yes
28.27	3.007	188.2	136.5523328	135.9583578	Yes
28.28	3.458	190.2	137.249547	136.5673581	Yes
28.29	2.913	185.9	135.9628798	136.3199758	Yes
28.27	2.815	191.3	137.7078372	137.4530819	Yes
28.27	2.331	179.3	135.4983288	136.2781779	Yes
28.27	3.006	185.8	135.9423289	135.7642494	Yes
28.21	3.062	184.3	135.6843278	137.0691835	Yes
28.13	3.261	177.5	135.6843278	136.9406588	Yes
28.08	2.908	174.6	136.2684311	137.8400025	Yes

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7/26/2019	18:40	28.26	0.696
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7/26/2019	19:03	27.23	0.878
7/26/2019	19:04	27.21	0.851
7/26/2019	19:05	27.19	0.862
7/26/2019	19:06	27.17	1.01
7/26/2019	19:07	27.16	0.803
7/26/2019	19:08	27.16	0.837
7/26/2019	19:09	27.17	0.947
7/26/2019	19:10	27.16	0.973
7/26/2019	19:11	27.14	0.884
7/26/2019	19:12	27.1	0.993
7/26/2019	19:13	27.08	0.988
7/26/2019	19:14	27.03	0.903
7/26/2019	19:15	26.98	0.691
7/26/2019	19:16	26.9	0.888
7/26/2019	19:17	26.78	0.876
7/26/2019	19:18	26.69	0.862
7/26/2019	19:19	26.62	0.874
7/26/2019	19:20	26.56	0.896

175.4	136.0719483	28.96
178.4	135.5745369	29.01
179.7	135.475212	29.06
179.9	135.4661321	29.09
187.1	136.2423866	29.21
188	136.4921301	29.27
185.5	135.8831963	29.33
185.1	135.8102214	29.36
191.1	137.6205085	29.28
183.2	135.5547035	29.2
180.6	135.4473567	29.13
177.6	135.6704665	29.08
193.5	138.7879636	29.05
183	135.5365272	29.11
188.7	136.7103661	29.18
178.7	135.5454083	29.3
197	140.9746448	29.39
190.9	137.5349652	29.43
187.1	136.2423866	29.29
187.4	136.3217962	29.15
190	137.171973	29.02
187.3	136.2949008	28.93
189.3	136.9142707	28.83
183.1	135.5454083	28.75
182.2	135.4803714	28.65
184.9	135.7762441	28.54
184.7	135.7439374	28.49
190.7	137.4512019	28.35
180.8	135.4457063	28.21
175.2	136.1185285	28.09
181.4	135.4506575	28.03
182.1	135.475212	27.93
182.3	135.4859439	27.84
177.2	135.7284098	27.79
192.3	138.1714606	27.79
183.5	135.5850754	27.78
185.5	135.8831963	27.75
186.8	136.1668004	27.75
187	136.2167669	27.75
180.9	135.4455	27.75
180.8	135.4457063	27.73
181.2	135.4473567	27.72
182.8	135.5200067	27.71
180	135.4622116	27.67
177	135.759882	27.59
172.3	136.9857152	27.51
179.4	135.4919297	27.43
168.9	138.471433	27.33
177.8	135.6439919	27.22
167.1	139.4714437	27.14
172.1	137.0589052	27.11

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1.481	180.6
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0.993	183.9
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1.1	180.8
1.162	179.1
1.229	177.5
1.232	179.4
1.207	179.9
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1.137	174.8
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1.525	175.4
1.413	173.5
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1.437	175.3
1.495	178.3
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1.107	168.6
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1.188	162.9
1.184	163.7
1.12	164.2
1.223	163.3

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135.4661321	28.4
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135.4859439	28.37
135.6313781	28.41
135.4622116	28.42
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135.4457063	28.13
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135.6843278	28
135.4919297	27.95
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135.5123672	27.8
135.4859439	27.74
135.8831963	27.64
137.4928614	27.55
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137.171973	27.38
138.1714606	27.3
137.171973	27.23
137.3692134	27.22
136.0719483	27.21
136.5830783	27.21
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141.4098131	26.57
142.096964	26.56

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1.477	179.3	135.4983288	27.94	1.88	172.7	136.8445673
1.735	180.7	135.4463252	27.95	2.205	173.5	136.5830783
1.334	184.4	135.6986053	27.98	1.764	176.8	135.7930238
1.295	179.1	135.5123672	28.01	1.594	172.1	137.0589052
1.439	183.3	135.564413	28.05	1.92	176.3	135.8831963
1.249	184.3	135.6843278	28.07	1.379	177.5	135.6843278
1.683	183.1	135.5454083	28.09	1.951	179.9	135.4661321
1.682	185.4	135.8643244	28.03	2.226	179.6	135.4803714
1.504	177.4	135.6986053	27.99	1.856	169.5	138.1714606
1.202	177.4	135.6986053	27.94	1.682	169.8	138.0276292
1.232	182	135.4704656	27.87	1.443	174.2	136.3768654
1.022	186.7	136.1424529	27.83	1.504	182.3	135.4859439
1.023	178.5	135.564413	27.86	1.365	170.1	137.8878733
1.185	182.6	135.5051412	27.92	1.426	176.1	135.9221983
0.832	182.8	135.5200067	27.97	1.118	176.7	135.8102214
0.892	189.5	136.9857152	27.99	1.094	184.3	135.6843278
1.488	187	136.2167669	28.01	1.817	178.6	135.5547035
1.577	182.5	135.4983288	27.93	1.795	178.2	135.5960285
1.41	183	135.5365272	27.87	1.655	177.5	135.6843278
1.072	187.9	136.4626721	27.75	1.42	181.2	135.4473567
1.278	180.9	135.4455	27.7	1.538	174.8	136.2167669
1.075	182	135.4704656	27.67	1.591	172.5	136.9142707
1.273	186.1	136.0052434	27.63	1.662	177.1	135.7439374
1.181	182.7	135.5123672	27.58	1.652	177.5	135.6843278
1.119	185.3	135.8458714	27.51	1.321	181.1	135.4463252
1.422	183.7	135.6073966	27.45	1.796	178.2	135.5960285
1.54	184	135.6439919	27.37	1.885	176.4	135.8643244
1.376	176.6	135.8278372	27.3	1.794	168.8	138.5230334
1.275	177	135.759882	27.2	1.65	172.5	136.9142707
1.208	178.3	135.5850754	27.11	1.452	167.8	139.0645196
1.781	177.4	135.6986053	27.06	1.954	168.9	138.471433
1.667	175.7	136.0052434	27.02	2.261	167.7	139.1212357
1.658	176.7	135.8102214	27.02	2.127	168.8	138.5230334
1.562	180.5	135.4488008	27	2.223	173.5	136.5830783
1.675	180.4	135.4506575	26.98	1.958	170.5	137.7078372
1.793	180.5	135.4488008	26.97	2.277	171.6	137.249547
1.473	180	135.4622116	26.95	2.037	170.4	137.7521729
1.539	182.4	135.4919297	26.93	2.214	176.4	135.8643244
1.722	179.9	135.4661321	26.93	2.191	169.8	138.0276292
1.826	178.4	135.5745369	26.94	2.132	170.7	137.6205085
1.644	174.4	136.3217962	26.92	1.916	167.2	139.411891
1.732	178.4	135.5745369	26.9	2.005	170.2	137.8421902
1.589	176.4	135.8643244	26.87	1.989	168.4	138.734051
1.357	172.7	136.8445673	26.79	1.679	165.4	140.557513
1.237	170.5	137.7078372	26.68	1.557	160.2	144.7927354
1.421	167.9	139.008273	26.57	1.685	162.3	142.9099119
1.471	166.1	140.0933217	26.48	1.735	158.4	146.6051528
1.559	169.5	138.1714606	26.42	1.795	161.3	143.7762629
1.31	165.7	140.355632	26.37	1.685	159.8	145.1792559
1.532	171.6	137.249547	26.36	1.925	161.2	143.8658923

28.06	2.411	177.8	135.6439919	136.6080593	Yes
28.09	2.169	180	135.4622116	136.0530834	Yes
28.1	2.544	180.9	135.4455	135.882918	Yes
28.14	2.075	184.1	135.6570213	135.6012795	Yes
28.2	2.074	181.1	135.4463252	136.3648798	Yes
28.25	2.242	184.6	135.7284098	135.8630267	Yes
28.28	1.783	184.9	135.7762441	135.6859454	Yes
28.29	2.558	184.6	135.7284098	135.5835323	Yes
28.22	2.492	186.2	136.0270567	136.1078341	Yes
28.17	2.266	180.7	135.4463252	136.6026211	Yes
28.12	2.019	178.1	135.6073966	136.431481	Yes
28.06	1.854	182.9	135.52806	135.7658014	Yes
28.04	1.657	185.8	135.9423289	136.492766	Yes
28.08	1.62	180	135.4622116	136.3852866	Yes
28.15	1.837	185.1	135.8102214	135.9486817	Yes
28.2	1.444	186.7	136.1424529	135.5903951	Yes
28.21	1.399	190.5	137.3692134	137.3190165	Yes
28.22	2.192	187.5	136.3491176	136.1921618	Yes
28.14	2.253	184.8	135.759882	135.7331931	Yes
28.06	2.003	183.8	135.6191797	135.9036498	Yes
27.98	1.705	187.3	136.2949008	136.131927	Yes
27.92	1.935	182.3	135.4859439	135.8673837	Yes
27.89	1.628	180	135.4622116	136.2458337	Yes
27.83	1.952	185.9	135.9628798	135.6966297	Yes
27.78	1.793	185.1	135.8102214	135.5357996	Yes
27.73	1.724	186.2	136.0270567	135.645202	Yes
27.66	2.113	183.7	135.6073966	135.6083266	Yes
27.55	2.178	183.5	135.5850754	136.2106786	Yes
27.46	2.13	177.1	135.7439374	136.8223596	Yes
27.35	1.921	179.7	135.475212	136.2523621	Yes
27.26	1.874	179.7	135.475212	136.8180564	Yes
27.22	2.495	177.3	135.7132992	136.9541777	Yes
27.17	2.549	176.8	135.7930238	136.946099	Yes
27.18	2.404	178.3	135.5850754	136.8577195	Yes
27.17	2.499	181	135.4457063	136.568822	Yes
27.17	2.483	179.4	135.4919297	136.3316621	Yes
27.16	2.718	181.2	135.4473567	136.2834692	Yes
27.15	2.325	179.9	135.4661321	136.369053	Yes
27.14	2.285	182.9	135.52806	135.7895241	Yes
27.13	2.525	180.2	135.4556091	136.2104372	Yes
27.15	2.617	178.2	135.5960285	136.4436492	Yes
27.1	2.319	176.2	135.9024875	137.3381261	Yes
27.07	2.409	178.3	135.5850754	136.3646877	Yes
27.04	2.343	176.5	135.8458714	136.9986485	Yes
26.94	1.992	174.3	136.3491176	137.9473949	Yes
26.81	1.864	170.2	137.8421902	140.9290549	Yes
26.71	2.139	171.9	137.1338452	139.6500182	Yes
26.62	2.073	167.4	139.2942101	141.8964335	Yes
26.54	2.238	169	138.4202926	139.8445341	Yes
26.49	2.082	169.5	138.1714606	141.6040362	Yes
26.49	2.175	169.7	138.0751192	140.0678271	Yes

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2.423
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5.374
5.304
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2.749
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3.618
4.696
4.444

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7/26/2019	19:23	26.51	0.968
7/26/2019	19:24	26.45	0.975
7/26/2019	19:25	26.42	0.878
7/26/2019	19:26	26.36	0.988
7/26/2019	19:27	26.28	0.683
7/26/2019	19:28	26.2	0.851
7/26/2019	19:29	26.1	0.672
7/26/2019	19:30	25.98	0.908
7/26/2019	19:31	25.87	0.677
7/26/2019	19:32	25.72	0.696
7/26/2019	19:33	25.58	0.957
7/26/2019	19:34	25.44	0.77
7/26/2019	19:35	25.31	0.722
7/26/2019	19:36	25.17	0.849
7/26/2019	19:37	25.06	0.862
7/26/2019	19:38	24.95	0.71
7/26/2019	19:39	24.83	0.547
7/26/2019	19:40	24.72	0.648
7/26/2019	19:41	24.61	0.547
7/26/2019	19:42	24.49	0.574
7/26/2019	19:43	24.38	0.606
7/26/2019	19:44	24.29	0.592
7/26/2019	19:45	24.22	0.573
7/26/2019	19:46	24.15	0.583
7/26/2019	19:47	24.07	0.633
7/26/2019	19:48	24	0.463
7/26/2019	19:49	23.93	0.733
7/26/2019	19:50	23.87	0.547
7/26/2019	19:51	23.8	0.446
7/26/2019	19:52	23.75	0.559
7/26/2019	19:53	23.7	0.616
7/26/2019	19:54	23.66	0.449
7/26/2019	19:55	23.61	0.461
7/26/2019	19:56	23.55	0.538
7/26/2019	19:57	23.48	0.52
7/26/2019	19:58	23.4	0.504
7/26/2019	19:59	23.34	0.503
7/26/2019	20:00	23.28	0.628
7/26/2019	20:01	23.24	0.547
7/26/2019	20:02	23.18	0.613
7/26/2019	20:03	23.14	0.554
7/26/2019	20:04	23.08	0.495
7/26/2019	20:05	23.02	0.507
7/26/2019	20:06	22.96	0.51
7/26/2019	20:07	22.91	0.457
7/26/2019	20:08	22.85	0.411
7/26/2019	20:09	22.79	0.35
7/26/2019	20:10	22.72	0.363
7/26/2019	20:11	22.66	0.352

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173.7	136.5220169	27.13
171.7	137.21054	27.13
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169	138.4202926	27.07
165.9	140.2234999	27.02
168.8	138.5230334	26.93
170.9	137.5349652	26.85
165.3	140.6257933	26.73
163.7	141.786421	26.58
168.5	138.6806025	26.44
176.2	135.9024875	26.26
164.1	141.484113	26.05
168.3	138.7879636	25.84
170.8	137.577514	25.64
168.3	138.7879636	25.44
167.4	139.2942101	25.28
175.1	136.1424529	25.14
176.9	135.7762441	25
168.5	138.6806025	24.87
166.7	139.7144254	24.76
162.4	142.8262379	24.64
167.3	139.3528135	24.54
169.7	138.0751192	24.44
175	136.1668004	24.36
163.6	141.8632814	24.28
170.2	137.8421902	24.2
169.2	138.3193881	24.12
165.3	140.6257933	24.04
168.4	138.734051	23.96
166	140.1581671	23.89
172.8	136.810367	23.83
170.8	137.577514	23.8
169.4	138.2203136	23.76
166.7	139.7144254	23.72
167.9	139.008273	23.67
164.8	140.9746448	23.6
172.5	136.9142707	23.52
161.8	143.3363204	23.44
169.2	138.3193881	23.37
170.6	137.6639493	23.31
168	138.952495	23.25
182	135.4704656	23.19
179.8	135.4704656	23.12
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176.9	135.7762441	22.99
170.4	137.7521729	22.93
181.3	135.4488008	22.87
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173.7	136.5220169	22.67

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1.389	156.5
1.192	159.9
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0.877	158.8
0.917	159.5
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1.039	152.9
0.969	155.5
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0.852	157.4
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0.823	154.6
0.897	151.2
0.907	152.7
0.896	157.4
0.821	152.6
0.913	155.7
0.928	156.5
0.966	155.8
0.961	159.3
0.925	157.7
0.971	159.7
0.849	162.1
0.769	165.3
0.753	167.3
0.815	158.7
0.901	156.6
0.929	158.5
0.91	159.5
0.95	162.7
0.923	161.1
0.89	163.1
0.915	165.7
0.812	167
0.845	165.4
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0.771	166
0.775	172.7
0.649	173.2
0.704	174
0.639	174.1

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138.8971847	26.59
142.7430964	26.58
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150.5689831	26.44
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153.4015168	26.06
149.9393426	25.96
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146.1859844	25.53
147.5835656	25.39
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143.5986496	25.18
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147.6953406	24.8
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147.6953406	24.35
153.8318952	24.27
149.6921424	24.2
148.729472	24.13
149.5695304	24.06
145.6753339	24.01
147.3618674	23.95
145.2773166	23.9
143.0788632	23.86
140.6257933	23.82
139.3528135	23.77
146.2898835	23.7
148.6120398	23.62
146.4994658	23.54
145.4751667	23.48
142.5784051	23.43
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136.4336422	22.85
136.4050401	22.78

1.262	168.8	138.5230334	26.35	1.676	160.9	144.1380905
1.695	173.8	136.4921301	26.37	1.965	164.8	140.9746448
1.568	166.5	139.8387928	26.36	1.784	159	145.9799608
1.566	163.9	141.6342428	26.32	2.017	155.2	150.3151193
1.391	164.4	141.262737	26.3	1.828	155	150.5689831
1.63	162.6	142.6604859	26.23	1.843	152.3	154.2689366
1.167	163.6	141.8632814	26.14	1.397	155.2	150.3151193
1.336	161.8	143.3363204	26.04	1.487	156.1	149.2056183
1.215	163.3	142.096964	25.96	1.53	155.7	149.6921424
1.317	161.7	143.4232201	25.88	1.607	152	154.712722
1.292	161.8	143.3363204	25.8	1.496	154	151.8792052
1.271	159.6	145.3759529	25.68	1.438	152.1	154.5640391
1.394	165.5	140.4897269	25.57	1.677	156.6	148.6120398
1.292	165	140.8336095	25.46	1.667	154.1	151.7450728
1.258	166.2	140.0289626	25.35	1.624	155.9	149.4475739
1.396	167.7	139.1212357	25.25	1.76	158.1	146.9258206
1.449	166.1	140.0933217	25.21	1.629	156	149.3262707
1.09	164.8	140.9746448	25.11	1.436	158.1	146.9258206
1.093	165.2	140.6945686	24.97	1.299	159.2	145.7762909
0.979	163.3	142.096964	24.85	1.24	159.1	145.8778326
0.969	159.8	145.1792559	24.72	1.165	154.4	151.3468538
0.982	158.4	146.6051528	24.61	1.144	152.2	154.4161117
1.042	160.5	144.5088047	24.52	1.234	153.5	152.5604335
1.091	163.3	142.096964	24.48	1.229	154.3	151.4788997
1.012	167.5	139.23608	24.43	1.222	159.4	145.5749597
1.034	163.7	141.786421	24.35	1.131	157	148.1486618
1.059	162.7	142.5784051	24.28	1.271	158.2	146.8183282
1.014	161.4	143.6871825	24.21	1.309	157.1	148.034394
1.124	163.6	141.8632814	24.16	1.336	159.2	145.7762909
1.139	165.5	140.4897269	24.11	1.327	159.3	145.6753339
0.911	163.2	142.1758963	24.05	1.152	157.4	147.6953406
1.016	164.6	141.1176841	24	1.247	160	144.9848547
0.992	165.1	140.7638403	23.96	1.113	159.4	145.5749597
0.807	168.7	138.5750946	23.9	1.047	161.8	143.3363204
0.88	170.4	137.7521729	23.84	1.041	163.4	142.0185516
0.843	161.6	143.5106627	23.76	1.07	156.7	148.4952449
0.947	159	145.9799608	23.69	1.179	156	149.3262707
0.915	162.5	142.7430964	23.61	1.195	156.4	148.8475437
0.943	162.2	142.9941199	23.57	1.202	156.6	148.6120398
1.067	164.8	140.9746448	23.53	1.288	159	145.9799608
0.979	163.1	142.25535	23.5	1.186	157.2	147.9207527
0.981	165.7	140.355632	23.46	1.21	160.2	144.7927354
0.985	170	137.9340071	23.42	1.155	163.9	141.6342428
0.867	171	137.4928614	23.35	1.042	165.3	140.6257933
0.886	167.2	139.411891	23.29	1.063	162.2	142.9941199
0.837	168.6	138.6276173	23.22	0.974	163.5	141.9406579
0.79	170.5	137.7078372	23.16	1.012	165.7	140.355632
0.704	177.5	135.6843278	23.11	1.032	170.3	137.796957
0.679	179.9	135.4661321	23.05	0.889	171.5	137.2889944
0.661	179.3	135.4983288	22.97	0.879	173.2	136.6778973
0.678	177.6	135.6704665	22.9	0.866	170.6	137.6639493

26.47	1.824	167.9	139.008273	140.4040986	Yes
26.51	2.338	172.3	136.9857152	138.2214941	Yes
26.5	2.225	169.9	137.9805921	141.4430975	Yes
26.45	2.353	164.3	141.3360215	145.1769492	Yes
26.43	2.11	165.1	140.7638403	143.8334455	Yes
26.35	2.253	162.6	142.6604859	146.9304764	Yes
26.25	1.742	163.3	142.096964	144.2218547	Yes
26.16	1.853	164.5	141.1899582	143.8880176	Yes
26.08	1.91	164.3	141.3360215	144.3019088	Yes
26.01	1.841	161.7	143.4232201	148.33097	Yes
25.91	1.79	162.8	142.4968525	145.9588677	Yes
25.79	1.853	163	142.3353263	147.1353228	Yes
25.69	2.01	165.7	140.355632	143.7502918	Yes
25.56	1.926	164	141.5589225	144.3881576	Yes
25.45	1.629	163.7	141.786421	143.659404	Yes
25.35	2.022	168.6	138.6276173	142.175228	Yes
25.34	2.034	164.7	141.0459134	143.078113	Yes
25.22	1.671	166.1	140.0933217	142.4548023	Yes
25.08	1.602	165.3	140.6257933	142.8033402	Yes
24.96	1.494	166.5	139.8387928	143.5876849	Yes
24.84	1.449	163.7	141.786421	146.6705625	Yes
24.73	1.437	161.3	143.7762629	148.7330831	Yes
24.66	1.556	162.4	142.8262379	148.0879519	Yes
24.62	1.533	163.8	141.7100752	146.3346706	Yes
24.57	1.439	164.9	140.9038772	142.1682952	Yes
24.49	1.541	165	140.8336095	146.4075649	Yes
24.43	1.604	164.9	140.9038772	144.2327665	Yes
24.36	1.557	165.3	140.6257933	144.6926092	Yes
24.32	1.636	166.2	140.0289626	144.458724	Yes
24.27	1.572	167.9	139.008273	142.6436114	Yes
24.2	1.476	167	139.5314724	144.3478179	Yes
24.16	1.527	166.7	139.7144254	142.0475556	Yes
24.13	1.41	166.9	139.5919783	141.7487943	Yes
24.06	1.306	167.8	139.0645196	140.1893805	Yes
23.99	1.351	170.2	137.8421902	139.7094908	Yes
23.91	1.298	166.3	139.9650888	144.326016	Yes
23.86	1.404	163.4	142.0185516	146.223229	Yes
23.79	1.438	164.3	141.3360215	143.7510941	Yes
23.75	1.473	164	141.5589225	145.1044117	Yes
23.71	1.626	166.1	140.0933217	141.9630997	Yes
23.68	1.526	165.8	140.2893212	142.9490311	Yes
23.63	1.499	168.8	138.5230334	141.5890531	Yes
23.58	1.416	170.3	137.796957	138.8485869	Yes
23.5	1.404	171.6	137.249547	138.2801482	Yes
23.44	1.385	169.2	138.3193881	140.0243423	Yes
23.38	1.345	169	138.4202926	139.0933705	Yes
23.33	1.281	171	137.4928614	138.9934523	Yes
23.26	1.143	177.6	135.6704665	136.4436632	Yes
23.2	1.106	178.1	135.6073966	136.2196825	Yes
23.13	1.134	178.7	135.5454083	136.2397465	Yes
23.06	1.14	178.2	135.5960285	136.5653682	Yes

7.65
5.874
5.313
6.388
4.977
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3.882
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0.942

7/26/2019	20:12	22.59	0.305
7/26/2019	20:13	22.52	0.415
7/26/2019	20:14	22.46	0.368
7/26/2019	20:15	22.4	0.413
7/26/2019	20:16	22.35	0.363
7/26/2019	20:17	22.3	0.328
7/26/2019	20:18	22.25	0.347
7/26/2019	20:19	22.19	0.43
7/26/2019	20:20	22.15	0.464
7/26/2019	20:21	22.11	0.356
7/26/2019	20:22	22.07	0.328
7/26/2019	20:23	22.02	0.267
7/26/2019	20:24	21.98	0.302
7/26/2019	20:25	21.94	0.327
7/26/2019	20:26	21.89	0.234
7/26/2019	20:27	21.85	0.314
7/26/2019	20:28	21.8	0.278
7/26/2019	20:29	21.76	0.259
7/26/2019	20:30	21.73	0.28
7/26/2019	20:31	21.69	0.278
7/26/2019	20:32	21.65	0.239
7/26/2019	20:33	21.61	0.256
7/26/2019	20:34	21.57	0.262
7/26/2019	20:35	21.53	0.27
7/26/2019	20:36	21.49	0.259
7/26/2019	20:37	21.44	0.283
7/26/2019	20:38	21.4	0.267
7/26/2019	20:39	21.37	0.308
7/26/2019	20:40	21.33	0.287
7/26/2019	20:41	21.3	0.288
7/26/2019	20:42	21.28	0.33
7/26/2019	20:43	21.26	0.266
7/26/2019	20:44	21.24	0.293
7/26/2019	20:45	21.23	0.336
7/26/2019	20:46	21.21	0.363
7/26/2019	20:47	21.19	0.379
7/26/2019	20:48	21.17	0.403
7/26/2019	20:49	21.16	0.414
7/26/2019	20:50	21.15	0.383
7/26/2019	20:51	21.14	0.462
7/26/2019	20:52	21.12	0.402
7/26/2019	20:53	21.11	0.356
7/26/2019	20:54	21.1	0.418
7/26/2019	20:55	21.09	0.358
7/26/2019	20:56	21.08	0.319
7/26/2019	20:57	21.06	0.273
7/26/2019	20:58	21.03	0.238
7/26/2019	20:59	21	0.258
7/26/2019	21:00	20.96	0.185
7/26/2019	21:01	20.93	0.238
7/26/2019	21:02	20.9	0.201

177.9	135.6313781	22.6
170.9	137.5349652	22.54
182.1	135.475212	22.47
174.9	136.1915717	22.41
170.1	137.8878733	22.35
179.3	135.4983288	22.3
176.4	135.8643244	22.23
172.7	136.8445673	22.18
169.6	138.1230627	22.13
163.8	141.7100752	22.08
165.4	140.557513	22.03
168.4	138.734051	21.98
167.9	139.008273	21.93
166.2	140.0289626	21.88
174.9	136.1915717	21.83
172	137.0961561	21.78
167.1	139.4714437	21.73
167.2	139.411891	21.68
167.8	139.0645196	21.64
171.4	137.328883	21.6
178.5	135.564413	21.56
176.9	135.7762441	21.52
176.2	135.9024875	21.48
178.8	135.5365272	21.44
183.4	135.5745369	21.4
175.7	136.0052434	21.35
178.8	135.5365272	21.31
173	136.743267	21.28
183.6	135.5960285	21.25
176	135.9423289	21.21
168.8	138.5230334	21.19
166.8	139.6529623	21.16
167.4	139.2942101	21.14
168	138.952495	21.12
164.2	141.4098131	21.11
174.1	136.4050401	21.09
170.5	137.7078372	21.07
169	138.4202926	21.06
167	139.5314724	21.05
167.1	139.4714437	21.03
179.5	135.4859439	21.03
176.4	135.8643244	21.02
175.7	136.0052434	21.01
182.1	135.475212	21
189.1	136.8445673	20.99
191.3	137.7078372	20.97
195.6	140.0289626	20.95
202.2	145.3759529	20.92
207.9	152.0140384	20.9
196	140.2893212	20.87
191.5	137.796957	20.85

0.615	172.1
0.604	168.4
0.66	169.5
0.717	171.4
0.627	171.3
0.55	169.7
0.603	165.6
0.568	165.9
0.581	163.9
0.567	163.8
0.53	158.8
0.57	163.6
0.436	160.7
0.427	162.7
0.419	165.4
0.386	165.1
0.428	166.2
0.41	162.3
0.345	166.1
0.403	161.1
0.424	167.8
0.365	167.3
0.386	169.3
0.371	170.8
0.378	173
0.38	169
0.438	169.5
0.411	165.7
0.406	173.1
0.43	159.9
0.346	158.8
0.409	158.8
0.437	157.8
0.495	156
0.434	156.4
0.506	160.5
0.545	160
0.531	159.8
0.476	161
0.542	165
0.578	162.4
0.42	163.8
0.485	165
0.404	168.2
0.381	177
0.305	183.9
0.298	185.3
0.312	189.7
0.263	196.9
0.305	188.4
0.285	184.7

137.0589052	22.7
138.734051	22.64
138.1714606	22.58
137.328883	22.53
137.3692134	22.49
138.0751192	22.44
140.4224336	22.38
140.2234999	22.33
141.6342428	22.29
141.7100752	22.25
146.1859844	22.2
141.8632814	22.16
144.3223303	22.11
142.5784051	22.07
140.557513	22.02
140.7638403	21.98
140.0289626	21.93
142.9099119	21.9
140.0933217	21.87
143.9560723	21.83
139.0645196	21.79
139.3528135	21.75
138.2696225	21.71
137.577514	21.67
136.743267	21.62
138.4202926	21.58
138.1714606	21.54
140.355632	21.51
136.7103661	21.48
145.0817692	21.45
146.1859844	21.43
146.1859844	21.41
147.2519401	21.4
149.3262707	21.39
148.8475437	21.38
144.5088047	21.36
144.9848547	21.33
145.1792559	21.32
144.0468045	21.3
140.8336095	21.29
142.8262379	21.28
141.7100752	21.27
140.8336095	21.27
138.8423412	21.26
135.759882	21.24
135.6313781	21.22
135.8458714	21.2
137.0589052	21.17
140.9038772	21.14
136.6142539	21.12
135.7439374	21.1

0.589	176.7	135.8102214	22.82	0.86	168.9	138.471433
0.695	170.7	137.6205085	22.76	0.792	166.1	140.0933217
0.734	174.1	136.4050401	22.71	0.904	166.7	139.7144254
0.733	174.7	136.2423866	22.67	0.91	167.4	139.2942101
0.611	173.5	136.5830783	22.63	0.829	166.2	140.0289626
0.666	173.1	136.7103661	22.58	0.774	166.5	139.8387928
0.651	173.2	136.6778973	22.53	0.827	165.3	140.6257933
0.693	168.6	138.6276173	22.48	0.825	164.6	141.1176841
0.671	169.3	138.2696225	22.45	0.848	165.4	140.557513
0.617	166.9	139.5919783	22.41	0.78	160.9	144.1380905
0.619	162.9	142.4158267	22.37	0.721	159.6	145.3759529
0.481	164.8	140.9746448	22.32	0.766	160.5	144.5088047
0.565	163.4	142.0185516	22.27	0.685	159.9	145.0817692
0.509	165.5	140.4897269	22.23	0.69	161.6	143.5106627
0.485	169.1	138.3696112	22.19	0.642	163	142.3353263
0.572	167.4	139.2942101	22.15	0.597	162	143.1641434
0.483	169.5	138.1714606	22.1	0.691	165	140.8336095
0.499	168.6	138.6276173	22.08	0.678	162.8	142.4968525
0.522	170	137.9340071	22.05	0.627	166.1	140.0933217
0.532	167.5	139.23608	22.02	0.671	162.6	142.6604859
0.476	173.9	136.4626721	21.98	0.681	167.9	139.008273
0.516	174.1	136.4050401	21.95	0.676	166.4	139.9016992
0.52	174	136.4336422	21.91	0.707	167.8	139.0645196
0.513	176.6	135.8278372	21.86	0.658	169.5	138.1714606
0.498	178.9	135.52806	21.82	0.663	171.4	137.328883
0.509	174.2	136.3768654	21.78	0.681	168.5	138.6806025
0.525	175.5	136.0492916	21.74	0.724	169.8	138.0276292
0.569	172.4	136.949775	21.71	0.695	166.8	139.6529623
0.528	178	135.6191797	21.68	0.72	169.4	138.2203136
0.498	169.6	138.1230627	21.65	0.707	165.7	140.355632
0.597	168.5	138.6806025	21.64	0.678	161.8	143.3363204
0.518	168	138.952495	21.62	0.672	161.5	143.5986496
0.581	166.2	140.0289626	21.6	0.779	160.6	144.4152874
0.559	164.4	141.262737	21.59	0.841	159.9	145.0817692
0.68	164.7	141.0459134	21.57	0.758	159.3	145.6753339
0.607	166.5	139.8387928	21.55	0.842	161.7	143.4232201
0.639	165.7	140.355632	21.52	0.88	161.5	143.5986496
0.733	166.8	139.6529623	21.5	0.878	161.5	143.5986496
0.665	167.4	139.2942101	21.47	0.883	162.4	142.8262379
0.751	170.5	137.7078372	21.46	0.84	163.7	141.786421
0.662	171.5	137.2889944	21.46	0.899	165.9	140.2234999
0.641	172	137.0961561	21.46	0.763	166.5	139.8387928
0.615	170.5	137.7078372	21.46	0.762	166.3	139.9650888
0.566	173.9	136.4626721	21.44	0.672	166.4	139.9016992
0.524	176.5	135.8458714	21.43	0.693	171.1	137.4512019
0.484	186.6	136.1185285	21.4	0.576	179.8	135.4704656
0.494	188.4	136.6142539	21.38	0.609	181.3	135.4488008
0.494	192.3	138.1714606	21.35	0.586	184.4	135.6986053
0.372	200.5	143.7762629	21.33	0.544	192.8	138.4202926
0.455	195	139.6529623	21.32	0.59	186.7	136.1424529
0.412	188.3	136.5830783	21.3	0.589	181.8	135.4622116

22.98	1.123	175.8	135.9838512	136.7429844	Yes
22.92	1.129	173.8	136.4921301	138.4957116	Yes
22.87	1.192	175.4	136.0719483	137.4415345	Yes
22.84	1.198	175.1	136.1424529	137.2642629	Yes
22.8	1.025	174.8	136.2167669	137.9672819	Yes
22.75	1.12	175.2	136.1185285	137.5306517	Yes
22.71	1.084	173	136.743267	138.3976121	Yes
22.67	1.13	173.7	136.5220169	139.2033421	Yes
22.65	1.095	173	136.743267	139.6461103	Yes
22.61	1.028	170.9	137.5349652	141.7875548	Yes
22.56	1.046	169.6	138.1230627	143.6338193	Yes
22.5	0.916	168.6	138.6276173	141.5201955	Yes
22.46	0.919	168.4	138.734051	142.607731	Yes
22.43	0.816	169.4	138.2203136	141.6519393	Yes
22.39	0.886	172	137.0961561	139.3635056	Yes
22.35	0.856	171.1	137.4512019	140.0795875	Yes
22.31	0.881	172.3	136.9857152	139.6263691	Yes
22.29	0.917	170.3	137.796957	140.8615682	Yes
22.26	0.873	175.8	135.9838512	139.2962925	Yes
22.22	0.908	171.5	137.2889944	140.7953803	Yes
22.2	0.88	174.2	136.3768654	137.5249694	Yes
22.16	0.869	174.8	136.2167669	137.8589492	Yes
22.13	0.93	175.6	136.0270567	137.417568	Yes
22.08	0.918	177.6	135.6704665	136.7783347	Yes
22.03	0.878	179	135.5200067	136.2936867	Yes
21.98	0.847	175.9	135.9628798	137.370751	Yes
21.94	0.864	176.6	135.8278372	136.9462272	Yes
21.91	0.972	174.9	136.1915717	138.4254091	Yes
21.88	0.986	178	135.6191797	136.536472	Yes
21.86	0.937	173.6	136.5523328	139.8756982	Yes
21.83	1.002	170.2	137.8421902	141.6814852	Yes
21.8	0.927	169.5	138.1714606	142.0975229	Yes
21.78	0.953	168.9	138.471433	142.7476	Yes
21.77	0.942	169.1	138.3696112	143.655818	Yes
21.75	1.121	168.7	138.5750946	144.244651	Yes
21.72	1.091	171.1	137.4512019	141.0439644	Yes
21.69	1.041	170.7	137.6205085	141.6617434	Yes
21.68	1.153	170.9	137.5349652	141.7127901	Yes
21.64	1.132	170.6	137.6639493	141.4246812	Yes
21.63	1.12	171.7	137.21054	139.9498278	Yes
21.63	1.088	174.6	136.2684311	138.956169	Yes
21.62	1.009	174.5	136.2949008	138.6273371	Yes
21.61	1.03	172.1	137.0589052	138.6279447	Yes
21.6	0.926	175.8	135.9838512	137.6704811	Yes
21.59	0.836	179.5	135.4859439	136.4753807	Yes
21.56	0.761	184.9	135.7762441	136.2320524	Yes
21.53	0.779	189	136.810367	136.9844722	Yes
21.51	0.781	191.2	137.6639493	139.076231	Yes
21.49	0.619	200.5	143.7762629	143.7786178	Yes
21.49	0.747	194.2	139.1784222	138.1747476	Yes
21.48	0.745	190.6	137.4099861	136.3965461	Yes

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7/26/2019	21:07	20.76	0.169
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7/26/2019	21:13	20.68	0.169
7/26/2019	21:14	20.67	0.192
7/26/2019	21:15	20.65	0.182
7/26/2019	21:16	20.64	0.163
7/26/2019	21:17	20.62	0.167
7/26/2019	21:18	20.62	0.21
7/26/2019	21:19	20.6	0.24
7/26/2019	21:20	20.59	0.238
7/26/2019	21:21	20.58	0.263
7/26/2019	21:22	20.58	0.238
7/26/2019	21:23	20.57	0.24
7/26/2019	21:24	20.56	0.287
7/26/2019	21:25	20.55	0.288
7/26/2019	21:26	20.55	0.381
7/26/2019	21:27	20.54	0.242
7/26/2019	21:28	20.52	0.281
7/26/2019	21:29	20.51	0.289
7/26/2019	21:30	20.49	0.273
7/26/2019	21:31	20.47	0.265
7/26/2019	21:32	20.45	0.256
7/26/2019	21:33	20.43	0.286
7/26/2019	21:34	20.41	0.219
7/26/2019	21:35	20.39	0.25
7/26/2019	21:36	20.37	0.244
7/26/2019	21:37	20.35	0.239
7/26/2019	21:38	20.33	0.222
7/26/2019	21:39	20.31	0.168
7/26/2019	21:40	20.29	0.208
7/26/2019	21:41	20.27	0.206
7/26/2019	21:42	20.25	0.216
7/26/2019	21:43	20.23	0.245
7/26/2019	21:44	20.21	0.263
7/26/2019	21:45	20.2	0.315
7/26/2019	21:46	20.19	0.328
7/26/2019	21:47	20.19	0.323
7/26/2019	21:48	20.2	0.316
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7/26/2019	21:50	20.2	0.291
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155.7	149.6921424	20.51
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141.1176841	20.49
135.4488008	20.48
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138.0751192	20.43
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147.5835656	20.37
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0.33	168.6	138.6276173	21.21	0.482	167.2	139.411891
0.315	172.3	136.9857152	21.19	0.465	168.6	138.6276173
0.293	159.3	145.6753339	21.18	0.448	159.8	145.1792559
0.292	139.5	180.5672593	21.17	0.394	141.3	175.7860767
0.349	118.1	158.8398912	21.17	0.453	122.8	166.4069628
0.328	113.1	152.5859038	21.14	0.484	116.9	157.1826166
0.314	118.9	160.0036074	21.12	0.481	118.4	159.2706591
0.33	130.7	183.8836779	21.1	0.483	126.9	174.6252563
0.337	136.5	189.5740787	21.07	0.502	131.9	187.1909456
0.329	144.6	168.0614801	21.05	0.488	139.8	179.7400211
0.307	146.1	164.946271	21.04	0.473	140.9	176.811543
0.299	144.9	167.4198452	21.02	0.446	139.8	179.7400211
0.327	148.7	160.0645165	21.02	0.466	143.3	170.9545255
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0.475	153.9	152.0140384	21	0.618	148.4	160.5962459
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0.467	153.8	152.1495751	20.96	0.647	148	161.3176459
0.477	155.7	149.6921424	20.94	0.653	147.4	162.4269132
0.487	153.3	152.8379067	20.92	0.633	145.3	166.5789856
0.479	156.7	148.4952449	20.89	0.633	150.5	157.0357721
0.476	157.3	147.8077356	20.88	0.606	152.8	153.5442409
0.487	159.5	145.4751667	20.86	0.615	154.5	151.2154981
0.421	165.6	140.4224336	20.83	0.547	156.9	148.2635581
0.419	165.1	140.7638403	20.8	0.56	153.8	152.1495751
0.428	161.4	143.6871825	20.78	0.576	157.4	147.6953406
0.446	166.1	140.0933217	20.75	0.507	160.1	144.8885107
0.381	168.1	138.8971847	20.73	0.503	161.2	143.8658923
0.411	166.7	139.7144254	20.7	0.51	157	148.1486618
0.418	168	138.952495	20.7	0.479	158.8	146.1859844
0.392	170.2	137.8421902	20.68	0.5	162.4	142.8262379
0.378	183.9	135.6313781	20.67	0.491	172.9	136.7766005
0.336	187.6	136.3768654	20.65	0.451	177.6	135.6704665
0.328	192.4	138.2203136	20.63	0.473	182.7	135.5123672
0.35	195.7	140.0933217	20.62	0.541	186.2	136.0270567
0.38	187.6	136.3768654	20.61	0.515	181.4	135.4506575
0.429	190.2	137.249547	20.6	0.587	182.9	135.52806
0.416	185.1	135.8102214	20.59	0.604	178.7	135.5454083
0.475	175.5	136.0492916	20.57	0.62	170.7	137.6205085
0.535	169.8	138.0276292	20.56	0.574	162.8	142.4968525
0.502	166.3	139.9650888	20.56	0.624	161.5	143.5986496
0.491	165.9	140.2234999	20.55	0.617	158.8	146.1859844
0.46	161.1	143.9560723	20.54	0.582	155.3	150.1891937
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21.46	0.739	187.8	136.4336422	135.7778135	Yes
21.44	0.69	183.1	135.5454083	138.0820452	Yes
21.42	0.629	180	135.4622116	142.075993	Yes
21.4	0.574	177.2	135.7284098	139.1154473	Yes
21.4	0.532	170.1	137.8878733	150.0701981	Yes
21.38	0.49	156.2	149.0856146	180.2606058	Yes
21.37	0.542	136.4	189.898934	156.7814452	Yes
21.34	0.588	130.5	183.3515534	149.8375637	Yes
21.34	0.601	130.4	183.0874794	157.7774253	Yes
21.33	0.622	136.8	188.6095808	174.7334953	Yes
21.3	0.651	141.3	175.7860767	187.438799	Yes
21.3	0.618	147.4	162.4269132	175.2039443	Yes
21.27	0.578	147.6	162.0534901	174.9074882	Yes
21.25	0.601	148.1	161.1359522	176.1327205	Yes
21.26	0.603	153.2	152.9777221	173.4872981	Yes
21.26	0.679	154.3	151.4788997	163.0909959	Yes
21.26	0.737	153.6	152.4227699	164.9040271	Yes
21.25	0.736	155.8	149.5695304	158.5589022	Yes
21.24	0.804	156.5	148.729472	156.8623195	Yes
21.21	0.84	155.4	150.0639356	162.855775	Yes
21.19	0.788	154.4	151.3468538	161.418279	Yes
21.16	0.818	156	149.3262707	156.1916288	Yes
21.14	0.802	156.5	148.729472	154.8742826	Yes
21.12	0.807	153.4	152.6988115	162.6500263	Yes
21.09	0.799	156.3	148.9662571	151.8212901	Yes
21.07	0.8	159.5	145.4751667	151.2218036	Yes
21.05	0.783	160.7	144.3223303	147.0445733	Yes
21.01	0.721	161.8	143.3363204	143.6770044	Yes
20.96	0.73	159.7	145.2773166	144.3813247	Yes
20.93	0.685	163.1	142.25535	144.7123145	Yes
20.9	0.693	163.2	142.1758963	142.621796	Yes
20.88	0.661	164.5	141.1899582	141.4730773	Yes
20.86	0.666	163.8	141.7100752	144.8391877	Yes
20.86	0.689	163.9	141.6342428	141.1578523	Yes
20.85	0.652	168.2	138.8423412	139.9070756	Yes
20.83	0.637	175.7	136.0052434	136.4476966	Yes
20.81	0.622	181.3	135.4488008	141.7859598	Yes
20.78	0.609	185.6	135.9024875	143.5947301	Yes
20.77	0.635	191.7	137.8878733	145.1936208	Yes
20.75	0.654	187.8	136.4336422	137.569313	Yes
20.74	0.702	189.9	137.1338452	138.1022007	Yes
20.73	0.715	186.9	136.1915717	135.7068377	Yes
20.71	0.772	180.2	135.4556091	137.7089498	Yes
20.7	0.804	172	137.0961561	141.1976202	Yes
20.7	0.758	170.7	137.6205085	143.0009655	Yes
20.7	0.773	169	138.4202926	146.3349759	Yes
20.69	0.736	167.1	139.4714437	150.7817312	Yes
20.67	0.77	166.2	140.0289626	148.8842602	Yes
20.66	0.742	166.1	140.0933217	152.6068302	Yes
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20.65	0.764	159.9	145.0817692	166.0846327	Yes

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7/26/2019	22:40	20.33	0.401
7/26/2019	22:41	20.31	0.382
7/26/2019	22:42	20.29	0.448
7/26/2019	22:43	20.27	0.394
7/26/2019	22:44	20.24	0.365

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143.3	170.9545255	20.1
139.4	180.8458047	20.11
132.4	188.6290418	20.12
136	191.2154206	20.13
140.7	177.3320297	20.15
137.8	185.5005447	20.16
151.7	155.1633342	20.17
168.6	138.6276173	20.18
165.7	140.355632	20.18
166.2	140.0289626	20.18
168.4	138.734051	20.2
183.1	135.5454083	20.21
174.4	136.3217962	20.22
174.1	136.4050401	20.23
164.8	140.9746448	20.25
173.6	136.5523328	20.27
180.6	135.4473567	20.29
179.3	135.4983288	20.3
173.4	136.6142539	20.32
176.9	135.7762441	20.35
177	135.759882	20.37
163.8	141.7100752	20.39
187.2	136.2684311	20.41
175.8	135.9838512	20.43
172.2	137.0220917	20.44
169.7	138.0751192	20.44
172.9	136.7766005	20.44
184.3	135.6843278	20.43
183.8	135.6191797	20.42
181.7	135.458704	20.42
178	135.6191797	20.41
179.1	135.5123672	20.41
184.1	135.6570213	20.41
182.3	135.4859439	20.42
188.8	136.743267	20.42
165.8	140.2893212	20.44
178.6	135.5547035	20.46
180.8	135.4457063	20.47
181.9	135.4661321	20.47
170.7	137.6205085	20.46
175.1	136.1424529	20.44
174.6	136.2684311	20.42
177.7	135.6570213	20.4
154.7	150.9548471	20.37
170.2	137.8421902	20.34
160.6	144.4152874	20.31
158.7	146.2898835	20.29
166.5	139.8387928	20.26
164.6	141.1176841	20.23
182.7	135.5123672	20.2

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0.421	140.2
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0.539	154.5
0.495	159.1
0.557	156.9
0.661	155.9
0.655	162.4
0.669	164
0.704	165.4
0.733	167.1
0.764	170.2
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0.826	169.9
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0.755	167.6
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0.698	169.2
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0.763	179.1
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0.713	172.5
0.573	176.7
0.58	170
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0.543	167.7
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0.503	160.1
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0.536	157.8
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0.496	166.2

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151.2154981	20.41
145.8778326	20.42
148.2635581	20.42
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140.557513	20.48
139.4714437	20.5
137.8421902	20.52
138.1230627	20.54
138.8423412	20.55
138.2203136	20.56
137.9805921	20.59
138.2696225	20.61
140.355632	20.62
139.1784222	20.64
137.7521729	20.65
138.8971847	20.66
137.577514	20.65
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137.0589052	20.63
137.1338452	20.61
137.3692134	20.59
137.0589052	20.58
138.3193881	20.58
136.9142707	20.6
136.2423866	20.6
136.4050401	20.61
135.5123672	20.64
136.4336422	20.66
136.9142707	20.68
135.8102214	20.69
137.9340071	20.67
139.008273	20.65
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138.6806025	20.62
144.1380905	20.59
148.2635581	20.56
144.8885107	20.55
143.6871825	20.52
147.2519401	20.5
142.4968525	20.48
140.0289626	20.44

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0.458	145.7	165.7545685	20.53	0.619	142.3	173.3102392
0.481	143.8	169.8197457	20.54	0.605	139.2	181.4071437
0.527	144.7	167.8465446	20.55	0.729	139.4	180.8458047
0.612	149.3	159.0245589	20.56	0.741	144.3	168.7126952
0.589	150.3	157.3589946	20.57	0.825	144.3	168.7126952
0.645	157.4	147.6953406	20.59	0.82	150.7	156.7157803
0.685	163	142.3353263	20.6	0.814	156.8	148.379085
0.702	165.4	140.557513	20.6	0.861	158	147.0339187
0.816	164.5	141.1899582	20.6	0.879	158.3	146.7114396
0.783	168	138.952495	20.63	1.02	160.3	144.6975271
0.846	170.2	137.8421902	20.65	1.009	164.3	141.3360215
0.695	171.1	137.4512019	20.66	1.021	164.5	141.1899582
0.815	173.3	136.6458601	20.66	1.102	166.3	139.9650888
0.719	173.7	136.5220169	20.68	1.151	167.3	139.3528135
0.892	179.1	135.5123672	20.7	1.164	171	137.4928614
0.904	177.1	135.7439374	20.71	1.028	170.9	137.5349652
0.937	177.1	135.7439374	20.72	1.074	171.3	137.3692134
0.891	175.5	136.0492916	20.74	1.192	169.2	138.3193881
0.994	177.7	135.6570213	20.77	1.237	169.3	138.2696225
0.832	175.5	136.0492916	20.79	1.17	169.4	138.2203136
0.923	174.8	136.2167669	20.8	1.268	165.9	140.2234999
0.955	177.8	135.6439919	20.81	1.222	168.1	138.8971847
0.851	174.6	136.2684311	20.82	1.259	168.1	138.8971847
0.825	174.9	136.1915717	20.82	0.996	167.5	139.23608
0.935	178.5	135.564413	20.8	1.123	171	137.4928614
0.949	175.4	136.0719483	20.78	1.021	170.9	137.5349652
0.84	178.2	135.5960285	20.77	1.187	171	137.4928614
0.889	178.1	135.6073966	20.74	0.997	172.4	136.949775
0.814	177.8	135.6439919	20.72	1.151	173.5	136.5830783
0.812	176.5	135.8458714	20.71	0.996	171.2	137.4099861
0.923	177.7	135.6570213	20.71	1.049	171.2	137.4099861
0.815	178.9	135.52806	20.73	1.177	171.7	137.21054
0.731	175.9	135.9628798	20.74	0.905	171.6	137.249547
0.886	181.3	135.4488008	20.75	1.239	174.2	136.3768654
1.055	180.7	135.4463252	20.8	1.149	176.1	135.9221983
0.922	179.6	135.4803714	20.82	0.978	172.5	136.9142707
0.854	182.3	135.4859439	20.85	1.079	174.9	136.1915717
0.649	180.8	135.4457063	20.86	0.96	175.6	136.0270567
0.634	177.9	135.6313781	20.83	0.883	172.7	136.8445673
0.643	175.4	136.0719483	20.82	0.811	167.3	139.3528135
0.603	179	135.5200067	20.81	0.875	168.8	138.5230334
0.633	174.2	136.3768654	20.79	0.787	169.1	138.3696112
0.585	168.2	138.8423412	20.77	0.828	163.7	141.786421
0.607	167.3	139.3528135	20.74	0.846	160.2	144.7927354
0.642	170.5	137.7078372	20.73	0.757	165.4	140.557513
0.614	168.3	138.7879636	20.71	0.809	160.8	144.2299319
0.728	167.7	139.1212357	20.68	0.831	163.2	142.1758963
0.644	168	138.952495	20.65	0.824	164.6	141.1176841
0.585	171.3	137.3692134	20.61	0.8	166.2	140.0289626

20.66	0.763	157.3	147.8077356	167.8733698	Yes
20.66	0.735	155	150.5689831	167.7107722	Yes
20.67	0.773	152.5	153.9768314	177.1300483	Yes
20.68	0.814	150.7	156.7157803	181.9044402	Yes
20.69	0.904	149.2	159.1957351	183.0321951	Yes
20.7	0.93	153.2	152.9777221	170.7317617	Yes
20.71	0.905	154.4	151.3468538	171.8395778	Yes
20.74	1.007	157.8	147.2519401	154.1525568	Yes
20.73	0.955	163.1	142.25535	145.1393817	Yes
20.73	1.035	166.3	139.9650888	143.4562241	Yes
20.74	1.173	167.3	139.3528135	144.0484796	Yes
20.77	1.236	167.9	139.008273	142.9579117	Yes
20.79	1.246	172	137.0961561	139.3874645	Yes
20.79	1.034	172.3	136.9857152	139.1304697	Yes
20.8	1.24	172.5	136.9142707	138.3933755	Yes
20.81	1.151	174.6	136.2684311	139.0802297	Yes
20.83	1.304	178.9	135.52806	136.8499379	Yes
20.83	1.416	178.1	135.6073966	136.7123305	Yes
20.84	1.357	179	135.5200067	136.8634552	Yes
20.86	1.47	177.2	135.7284098	137.3008118	Yes
20.89	1.473	176.6	135.8278372	136.92087	Yes
20.89	1.348	176.7	135.8102214	137.0747774	Yes
20.91	1.459	176.3	135.8831963	139.6264935	Yes
20.93	1.536	175.4	136.0719483	137.4970075	Yes
20.93	1.356	174.6	136.2684311	137.22541	Yes
20.92	1.256	175.2	136.1185285	137.836732	Yes
20.9	1.35	175.4	136.0719483	137.1774769	Yes
20.88	1.361	177.7	135.6570213	137.056426	Yes
20.86	1.36	178.4	135.5745369	136.4580307	Yes
20.83	1.25	177.5	135.6843278	136.3275491	Yes
20.81	1.159	178.9	135.52806	136.2637469	Yes
20.8	1.257	179.2	135.5051412	136.4834856	Yes
20.8	1.324	178.3	135.5850754	136.7246907	Yes
20.83	1.16	179.1	135.5123672	136.327473	Yes
20.84	1.17	179	135.5200067	136.2351893	Yes
20.85	1.338	183	135.5365272	136.2434933	Yes
20.9	1.466	182.6	135.5051412	136.792553	Yes
20.93	1.345	182.3	135.4859439	136.095747	Yes
20.96	1.239	181.6	135.4556091	136.0093732	Yes
20.97	1.059	182.9	135.52806	135.6872792	Yes
20.94	1.021	181	135.4457063	137.0076152	Yes
20.94	1.006	178.1	135.6073966	137.6438719	Yes
20.92	0.902	177.7	135.6570213	137.3581767	Yes
20.91	0.995	178.7	135.5454083	137.2710251	Yes
20.89	0.887	173.6	136.5523328	143.9304249	Yes
20.87	0.969	170.4	137.7521729	142.5628243	Yes
20.86	0.98	174.5	136.2949008	141.8922871	Yes
20.85	0.96	171.6	137.249547	143.2487404	Yes
20.83	1.071	171.3	137.3692134	142.0969662	Yes
20.79	1	171.8	137.171973	140.9211789	Yes
20.74	0.953	175.1	136.1424529	138.2348764	Yes

7.73
5.448
4.236
4.403
8.05
8.3
11.02
13.91
6.119
9.05

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7/26/2019	22:46	20.18	0.353
7/26/2019	22:47	20.14	0.472
7/26/2019	22:48	20.12	0.418
7/26/2019	22:49	20.09	0.414
7/26/2019	22:50	20.06	0.429
7/26/2019	22:51	20.03	0.389
7/26/2019	22:52	20	0.426
7/26/2019	22:53	19.97	0.468
7/26/2019	22:54	19.95	0.477
7/26/2019	22:55	19.93	0.464
7/26/2019	22:56	19.91	0.424
7/26/2019	22:57	19.89	0.448
7/26/2019	22:58	19.87	0.408
7/26/2019	22:59	19.85	0.374
7/26/2019	23:00	19.83	0.352
7/26/2019	23:01	19.8	0.333
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7/26/2019	23:03	19.74	0.384
7/26/2019	23:04	19.71	0.394
7/26/2019	23:05	19.68	0.352
7/26/2019	23:06	19.65	0.403
7/26/2019	23:07	19.62	0.396
7/26/2019	23:08	19.6	0.377
7/26/2019	23:09	19.57	0.416
7/26/2019	23:10	19.55	0.442
7/26/2019	23:11	19.53	0.462
7/26/2019	23:12	19.52	0.444
7/26/2019	23:13	19.5	0.453
7/26/2019	23:14	19.49	0.432
7/26/2019	23:15	19.49	0.47
7/26/2019	23:16	19.48	0.465
7/26/2019	23:17	19.48	0.47
7/26/2019	23:18	19.48	0.496
7/26/2019	23:19	19.48	0.525
7/26/2019	23:20	19.48	0.512
7/26/2019	23:21	19.48	0.474
7/26/2019	23:22	19.48	0.516
7/26/2019	23:23	19.48	0.473
7/26/2019	23:24	19.48	0.53
7/26/2019	23:25	19.49	0.57
7/26/2019	23:26	19.49	0.505
7/26/2019	23:27	19.49	0.593
7/26/2019	23:28	19.5	0.517
7/26/2019	23:29	19.51	0.615
7/26/2019	23:30	19.52	0.59
7/26/2019	23:31	19.53	0.618
7/26/2019	23:32	19.53	0.488
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7/26/2019	23:34	19.51	0.506
7/26/2019	23:35	19.51	0.402

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181.7	135.458704	20.13
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176.9	135.7762441	19.91
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177.6	135.6704665	19.88
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173.5	136.5830783	19.83
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172.4	136.949775	19.79
179.9	135.4661321	19.75
175.4	136.0719483	19.72
178.3	135.5850754	19.68
166.1	140.0933217	19.65
167	139.5314724	19.62
172	137.0961561	19.58
168.2	138.8423412	19.55
169.6	138.1230627	19.52
166.3	139.9650888	19.49
165.8	140.2893212	19.47
164.1	141.484113	19.45
170.4	137.7521729	19.43
163.7	141.786421	19.42
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170	137.9340071	19.4
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168.3	138.7879636	19.39
173.7	136.5220169	19.39
172.3	136.9857152	19.39
175	136.1668004	19.39
172.7	136.8445673	19.39
169.5	138.1714606	19.4
169.9	137.9805921	19.41
166.6	139.7763685	19.41
172.3	136.9857152	19.42
176.8	135.7930238	19.43
180.9	135.4455	19.44
178.6	135.5547035	19.45
178.1	135.6073966	19.47
177.2	135.7284098	19.48
172	137.0961561	19.49
181.1	135.4463252	19.5
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179.1	135.5123672	19.49
177.5	135.6843278	19.49

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0.523	167
0.572	169.8
0.668	170
0.673	169.8
0.597	168.1
0.639	165
0.653	168.8
0.64	165.3
0.549	167.3
0.529	171.3
0.48	168.6
0.458	167.6
0.466	170.7
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0.499	159.5
0.512	156.5
0.618	158.9
0.585	158.9
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0.589	160.8
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0.602	159.4
0.722	161.3
0.623	156.4
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0.674	160.1
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0.727	165.9
0.719	158.1
0.786	161.7
0.626	162.2
0.708	165.4
0.777	169.5
0.724	163.5
0.851	167.6
0.75	165.5
0.84	165.9
0.788	167.4
0.71	169.8
0.784	174.9
0.732	169.2
0.736	168.2

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137.9340071	20.18
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138.8971847	20.13
140.8336095	20.12
138.5230334	20.1
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137.3692134	20.03
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137.6205085	19.93
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138.1714606	19.68
141.9406579	19.69
139.1784222	19.7
140.4897269	19.72
140.2234999	19.73
139.2942101	19.74
138.0276292	19.74
136.1915717	19.72
138.3193881	19.72
138.8423412	19.72

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0.631	174.6	136.2684311	20.52	0.801	169.8	138.0276292
0.711	177.4	135.6986053	20.49	0.893	169	138.4202926
0.677	170	137.9340071	20.46	0.856	164.3	141.3360215
0.678	175.5	136.0492916	20.43	0.904	168.5	138.6806025
0.712	172.9	136.7766005	20.39	0.855	166.9	139.5919783
0.726	177.2	135.7284098	20.36	0.925	170.4	137.7521729
0.771	178.1	135.6073966	20.35	1.055	170.8	137.577514
0.788	176.4	135.8643244	20.33	1.048	169	138.4202926
0.77	176	135.9423289	20.31	0.978	171.6	137.249547
0.794	173.3	136.6458601	20.29	1.032	168.7	138.5750946
0.682	174	136.4336422	20.27	0.978	168.3	138.7879636
0.695	175.5	136.0492916	20.25	0.953	168.6	138.6276173
0.702	176.2	135.9024875	20.22	0.88	168.2	138.8423412
0.637	178.2	135.5960285	20.2	0.852	169.5	138.1714606
0.552	176.6	135.8278372	20.16	0.827	172.6	136.8792016
0.581	175	136.1668004	20.13	0.74	169.5	138.1714606
0.519	177.6	135.6704665	20.09	0.75	170.1	137.8878733
0.6	173	136.743267	20.06	0.763	167.2	139.411891
0.618	169.4	138.2203136	20.02	0.807	163.6	141.8632814
0.603	166.5	139.8387928	19.99	0.74	160.3	144.6975271
0.676	168.8	138.5230334	19.96	0.806	163.5	141.9406579
0.655	170.3	137.796957	19.94	0.861	163.1	142.25535
0.658	168.4	138.734051	19.92	0.874	162.9	142.4158267
0.704	167.8	139.0645196	19.88	0.873	159.1	145.8778326
0.758	168.5	138.6806025	19.86	0.974	158.6	146.3943767
0.792	169.5	138.1714606	19.85	0.969	159.6	145.3759529
0.706	166.2	140.0289626	19.84	0.908	160	144.9848547
0.725	167.6	139.1784222	19.83	0.942	160.1	144.8885107
0.732	169.3	138.2696225	19.82	1.042	159.3	145.6753339
0.763	168.5	138.6806025	19.83	1.002	157.9	147.1426245
0.774	168.6	138.6276173	19.83	1.056	159.8	145.1792559
0.742	166.6	139.7763685	19.83	1.001	157.8	147.2519401
0.829	168.5	138.6806025	19.82	1.099	161.1	143.9560723
0.864	167.8	139.0645196	19.81	1.089	161.8	143.3363204
0.833	169.2	138.3193881	19.81	1.083	160	144.9848547
0.843	169.5	138.1714606	19.81	1.147	163.6	141.8632814
0.954	170	137.9340071	19.81	1.11	163.3	142.096964
0.811	169.6	138.1230627	19.82	1.182	162.7	142.5784051
0.907	169.7	138.0751192	19.83	1.028	164.3	141.3360215
0.924	172.2	137.0220917	19.84	1.141	165.3	140.6257933
0.837	175.2	136.1185285	19.85	1.204	167.4	139.2942101
0.963	173.6	136.5523328	19.87	1.142	168.4	138.734051
0.896	174	136.4336422	19.87	1.268	166.4	139.9016992
1.035	174.9	136.1915717	19.89	1.277	166	140.1581671
1.015	174.7	136.2423866	19.91	1.279	167.2	139.411891
1.031	173.6	136.5523328	19.92	1.211	167.2	139.411891
0.874	176.2	135.9024875	19.92	1.115	168.5	138.6806025
0.846	177.2	135.7284098	19.9	1.192	172.9	136.7766005
0.938	176.5	135.8458714	19.89	1.113	172.1	137.0589052
0.801	178.4	135.5745369	19.89	1.134	169.6	138.1230627

20.7	0.993	176.2	135.9024875	137.7918425	Yes
20.66	1.018	177.4	135.6986053	137.1629873	Yes
20.62	1.034	177.2	135.7284098	137.3040043	Yes
20.6	1.05	175.2	136.1185285	140.1190127	Yes
20.57	1.012	176.1	135.9221983	137.0693825	Yes
20.54	1.108	177.1	135.7439374	138.3693913	Yes
20.52	1.147	177.5	135.6843278	136.8253089	Yes
20.51	1.239	178.7	135.5454083	136.7080542	Yes
20.49	1.205	177.9	135.6313781	137.0793724	Yes
20.47	1.207	179.7	135.475212	136.9663262	Yes
20.45	1.171	179.3	135.4983288	138.0204052	Yes
20.43	1.154	176.6	135.8278372	137.3537764	Yes
20.4	1.073	176.9	135.7762441	137.7193098	Yes
20.37	1.026	178	135.6191797	137.6701801	Yes
20.34	1.04	180.5	135.4488008	136.7088269	Yes
20.31	0.944	180.4	135.4506575	137.0711078	Yes
20.27	0.944	178.8	135.5365272	137.2457038	Yes
20.24	0.906	180.9	135.4455	136.8126991	Yes
20.2	0.983	178.9	135.52806	138.7908634	Yes
20.17	0.962	173.8	136.4921301	141.3390432	Yes
20.15	0.954	172.4	136.949775	142.3117621	Yes
20.13	1.018	173.8	136.4921301	141.0945439	Yes
20.12	1.04	174	136.4336422	141.1424955	Yes
20.09	1.048	172.8	136.810367	141.1870268	Yes
20.06	1.084	171.7	137.21054	143.4092282	Yes
20.05	1.108	170.5	137.7078372	142.8617445	Yes
20.03	1.123	171.2	137.4099861	142.778551	Yes
20.02	1.103	171.2	137.4099861	142.2379937	Yes
19.99	1.109	170.5	137.7078372	142.5208214	Yes
19.98	1.082	169.1	138.3696112	142.0568016	Yes
19.99	1.142	168.4	138.734051	142.3330484	Yes
19.98	1.175	169.3	138.2696225	141.5526884	Yes
19.97	1.188	168.9	138.471433	143.665954	Yes
19.97	1.251	170.5	137.7078372	141.0601152	Yes
19.96	1.173	171.2	137.4099861	141.0687665	Yes
19.95	1.233	172.1	137.0589052	141.466355	Yes
19.96	1.223	171.5	137.2889944	139.2757023	Yes
19.95	1.261	170.7	137.6205085	141.2820631	Yes
19.97	1.162	170.2	137.8421902	140.52632	Yes
19.97	1.299	173.4	136.6142539	140.5454073	Yes
19.99	1.343	173.6	136.5523328	138.7977783	Yes
20	1.319	175.7	136.0052434	137.3443058	Yes
20.01	1.351	176.2	135.9024875	138.1681354	Yes
20.02	1.368	175.4	136.0719483	137.7671168	Yes
20.04	1.494	176.3	135.8831963	138.1117156	Yes
20.05	1.412	176.4	135.8643244	137.9015468	Yes
20.05	1.435	176.6	135.8278372	138.0886475	Yes
20.04	1.251	177.3	135.7132992	137.0142611	Yes
20.02	1.311	182	135.4704656	136.2158456	Yes
20.01	1.317	179.6	135.4803714	136.684133	Yes
20.02	1.273	177.2	135.7284098	137.0560672	Yes

7/26/2019	23:36	19.5	0.523
7/26/2019	23:37	19.49	0.422
7/26/2019	23:38	19.48	0.53
7/26/2019	23:39	19.48	0.583
7/26/2019	23:40	19.49	0.567
7/26/2019	23:41	19.5	0.589
7/26/2019	23:42	19.51	0.618
7/26/2019	23:43	19.54	0.608
7/26/2019	23:44	19.56	0.633
7/26/2019	23:45	19.58	0.567
7/26/2019	23:46	19.6	0.657
7/26/2019	23:47	19.62	0.617
7/26/2019	23:48	19.63	0.626
7/26/2019	23:49	19.65	0.556
7/26/2019	23:50	19.65	0.579
7/26/2019	23:51	19.65	0.585
7/26/2019	23:52	19.65	0.567
7/26/2019	23:53	19.65	0.608
7/26/2019	23:54	19.64	0.567
7/26/2019	23:55	19.64	0.599
7/26/2019	23:56	19.63	0.499
7/26/2019	23:57	19.62	0.676
7/26/2019	23:58	19.62	0.615
7/26/2019	23:59	19.61	0.488
7/27/2019	0:00	19.6	0.517
7/27/2019	0:01	19.59	0.552
7/27/2019	0:02	19.58	0.568
7/27/2019	0:03	19.57	0.464
7/27/2019	0:04	19.55	0.394
7/27/2019	0:05	19.52	0.382
7/27/2019	0:06	19.49	0.384
7/27/2019	0:07	19.45	0.455
7/27/2019	0:08	19.42	0.413
7/27/2019	0:09	19.39	0.413
7/27/2019	0:10	19.36	0.417
7/27/2019	0:11	19.33	0.458
7/27/2019	0:12	19.32	0.511
7/27/2019	0:13	19.3	0.497
7/27/2019	0:14	19.3	0.528
7/27/2019	0:15	19.3	0.552
7/27/2019	0:16	19.29	0.503
7/27/2019	0:17	19.28	0.574
7/27/2019	0:18	19.27	0.484
7/27/2019	0:19	19.26	0.415
7/27/2019	0:20	19.24	0.487
7/27/2019	0:21	19.22	0.455
7/27/2019	0:22	19.2	0.464
7/27/2019	0:23	19.18	0.369
7/27/2019	0:24	19.16	0.311
7/27/2019	0:25	19.13	0.426
7/27/2019	0:26	19.11	0.318

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185.5	135.8831963	19.49
181.7	135.458704	19.49
187.3	136.2949008	19.51
183.4	135.5745369	19.53
189.3	136.9142707	19.55
182.5	135.4983288	19.58
181.8	135.4622116	19.61
181.4	135.4506575	19.63
188.4	136.6142539	19.66
191.4	137.7521729	19.68
195.2	139.7763685	19.69
193	138.5230334	19.71
190.5	137.3692134	19.71
198.9	142.4158267	19.71
196.9	140.9038772	19.71
193	138.5230334	19.7
190.8	137.4928614	19.69
195.2	139.7763685	19.68
187.2	136.2684311	19.68
188.7	136.7103661	19.68
191.2	137.6639493	19.67
188.2	136.5523328	19.67
193.7	138.8971847	19.65
189.3	136.9142707	19.64
192.1	138.0751192	19.63
189.9	137.1338452	19.6
190.8	137.4928614	19.57
192.5	138.2696225	19.54
181.9	135.4661321	19.5
182.1	135.475212	19.46
182.7	135.5123672	19.43
182.8	135.5200067	19.39
177.8	135.6439919	19.35
174.9	136.1915717	19.32
178.4	135.5745369	19.3
172.3	136.9857152	19.28
174.9	136.1915717	19.27
178.2	135.5960285	19.26
177.4	135.6986053	19.25
180.8	135.4457063	19.24
173.4	136.6142539	19.23
180.7	135.4463252	19.21
182.6	135.5051412	19.19
172.9	136.7766005	19.18
184.2	135.6704665	19.16
184.5	135.7132992	19.14
176.1	135.9221983	19.11
179	135.5200067	19.09
171.7	137.21054	19.06

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0.741	179
0.715	174.7
0.91	179.8
0.754	175.2
0.863	181.9
0.885	179.1
0.861	177.5
0.888	171.9
0.94	179.1
0.91	180.3
0.894	176.4
0.926	179
0.814	174.7
0.796	176.9
0.778	185.1
0.763	180.1
0.679	183.2
0.798	187.3
0.735	182.5
0.636	181.9
0.798	180.3
0.737	180.1
0.736	177.3
0.71	182.5
0.747	181.2
0.667	181.6
0.637	185.5
0.591	184.5
0.561	178.6
0.572	177.3
0.652	175.2
0.564	174
0.601	171.1
0.709	166.2
0.605	165.9
0.722	159.8
0.686	162
0.719	159.2
0.781	167.6
0.787	161.8
0.678	166.6
0.67	170.8
0.759	173.4
0.588	168.3
0.611	172.1
0.584	172.7
0.426	168.1
0.539	168.4
0.493	169.5

136.5523328	19.72
136.0052434	19.72
135.5200067	19.72
136.2423866	19.72
135.4704656	19.75
136.1185285	19.78
135.4661321	19.81
135.5123672	19.84
135.6843278	19.87
137.1338452	19.89
135.5123672	19.91
135.452927	19.93
135.8643244	19.95
135.5200067	19.96
136.2423866	19.95
135.7762441	19.95
135.8102214	19.94
135.458704	19.93
135.5547035	19.93
136.2949008	19.92
135.4983288	19.92
135.4661321	19.91
135.452927	19.9
135.458704	19.89
135.7132992	19.88
135.4983288	19.87
135.4473567	19.85
135.4556091	19.82
135.8831963	19.79
135.7132992	19.75
135.5547035	19.71
135.7132992	19.67
136.1185285	19.63
136.4336422	19.59
137.4512019	19.54
140.0289626	19.52
140.2234999	19.52
145.1792559	19.5
143.1641434	19.5
145.7762909	19.49
139.1784222	19.48
143.3363204	19.47
139.7763685	19.46
137.577514	19.44
136.6142539	19.41
138.7879636	19.4
137.0589052	19.37
136.8445673	19.35
138.8971847	19.32
138.734051	19.29
138.1714606	19.27

0.861	181.1	135.4463252	19.89	1.088	174.4	136.3217962
0.811	180.6	135.4473567	19.89	1.006	173	136.743267
0.883	183	135.5365272	19.89	1.146	175.8	135.9838512
0.968	179.4	135.4919297	19.9	1.089	174.6	136.2684311
0.942	184.1	135.6570213	19.94	1.357	177.9	135.6313781
1.049	181.9	135.4661321	19.96	1.184	177	135.759882
1.067	184.2	135.6704665	19.99	1.317	178.1	135.6073966
1.045	183.2	135.5547035	20.04	1.381	178.8	135.5365272
1.069	182.4	135.4919297	20.06	1.358	175.4	136.0719483
1.108	180.6	135.4473567	20.08	1.347	175.4	136.0719483
1.152	183	135.5365272	20.11	1.419	175.9	135.9628798
1.044	186	135.9838512	20.12	1.36	175.7	136.0052434
1.114	181.7	135.458704	20.13	1.386	176	135.9423289
0.989	185.3	135.8458714	20.14	1.375	177.7	135.6570213
0.924	184	135.6439919	20.13	1.176	175.9	135.9628798
1.015	185.3	135.8458714	20.13	1.259	178.3	135.5850754
0.964	187.4	136.3217962	20.12	1.212	182.1	135.475212
0.971	186.4	136.0719483	20.11	1.204	180.9	135.4455
0.953	188.3	136.5830783	20.1	1.066	180.9	135.4455
1.04	191.1	137.6205085	20.09	1.226	185	135.7930238
0.92	187.3	136.2949008	20.09	1.157	188.1	136.5220169
1.079	187.5	136.3491176	20.08	1.016	180.9	135.4455
0.953	186.5	136.0950271	20.07	1.16	181.2	135.4473567
0.87	185.8	135.9423289	20.06	1.158	179.7	135.475212
1.004	182.7	135.5123672	20.04	1.123	177.2	135.7284098
0.936	183.7	135.6073966	20.03	1.165	180	135.4622116
0.986	188.9	136.7766005	20.02	1.101	180.6	135.4473567
0.811	186.7	136.1424529	19.98	1.056	180.1	135.458704
0.743	187.9	136.4626721	19.95	0.998	182.2	135.4803714
0.724	185.9	135.9628798	19.91	0.975	182.8	135.5200067
0.663	183	135.5365272	19.85	0.952	178.6	135.5547035
0.788	182.6	135.5051412	19.81	0.939	176.3	135.8831963
0.742	181.4	135.4506575	19.78	1.006	175.9	135.9628798
0.773	178.4	135.5745369	19.73	0.995	171.8	137.171973
0.73	177.7	135.6570213	19.69	0.954	169.8	138.0276292
0.86	176.3	135.8831963	19.67	1.111	168.2	138.8423412
0.896	174.4	136.3217962	19.68	1.031	167.1	139.4714437
0.9	169.4	138.2203136	19.67	1.046	162.7	142.5784051
0.95	170.3	137.796957	19.68	1.044	163.2	142.1758963
0.926	170.2	137.8421902	19.66	1.114	164.3	141.3360215
0.928	172.9	136.7766005	19.65	1.19	166.1	140.0933217
0.912	174.7	136.2423866	19.64	1.159	166.9	139.5919783
0.882	173.9	136.4626721	19.63	1.069	169.8	138.0276292
0.758	178.2	135.5960285	19.6	1.04	170.8	137.577514
0.913	179.5	135.4859439	19.57	1.115	171.9	137.1338452
0.767	177.1	135.7439374	19.56	0.947	169.9	137.9805921
0.8	176.9	135.7762441	19.53	1.012	171.1	137.4512019
0.634	177.5	135.6843278	19.51	0.974	171.5	137.2889944
0.586	175.2	136.1185285	19.47	0.76	169.7	138.0751192
0.706	180.3	135.452927	19.45	0.84	171.3	137.3692134
0.613	174	136.4336422	19.43	0.824	169.5	138.1714606

20.02	1.203	182.1	135.475212	136.0283695	Yes
20.02	1.247	182	135.4704656	135.9452356	Yes
20.02	1.203	185	135.7930238	135.7308953	Yes
20.03	1.346	185.1	135.8102214	135.8653629	Yes
20.07	1.398	186.4	136.0719483	135.7634414	Yes
20.1	1.497	185.8	135.9423289	135.7297699	Yes
20.13	1.48	188.8	136.743267	135.9145665	Yes
20.17	1.415	187.1	136.2423866	135.5254817	Yes
20.2	1.462	186.7	136.1424529	135.6776043	Yes
20.22	1.535	185.4	135.8643244	136.0259519	Yes
20.25	1.52	184.5	135.7132992	135.906507	Yes
20.26	1.547	185.2	135.8278372	136.2985486	Yes
20.27	1.552	183.3	135.564413	136.7604315	Yes
20.27	1.338	183.8	135.6191797	136.3864832	Yes
20.25	1.356	184	135.6439919	136.3046179	Yes
20.25	1.427	185.9	135.9628798	137.4057544	Yes
20.24	1.363	187.6	136.3768654	137.1277767	Yes
20.24	1.416	188.5	136.6458601	136.3747964	Yes
20.23	1.363	190	137.171973	136.2690358	Yes
20.22	1.396	190.9	137.5349652	137.3712004	Yes
20.21	1.343	192.4	138.2203136	136.1459194	Yes
20.2	1.456	189	136.810367	135.992779	Yes
20.18	1.352	188.9	136.7766005	136.164815	Yes
20.17	1.207	188.5	136.6458601	135.8571444	Yes
20.15	1.368	186.1	136.0052434	136.4628152	Yes
20.13	1.3	187.5	136.3491176	135.8705519	Yes
20.12	1.317	187.3	136.2949008	136.4366083	Yes
20.09	1.229	189.6	137.0220917	136.0476528	Yes
20.05	1.093	190.1	137.21054	136.3297753	Yes
20.01	1.06	188.4	136.6142539	136.3664521	Yes
19.96	1.049	189.7	137.0589052	135.5280166	Yes
19.92	1.113	185.6	135.9024875	135.6442122	Yes
19.89	1.102	185.2	135.8278372	135.7611083	Yes
19.85	1.132	182.2	135.4803714	136.1750397	Yes
19.82	1.121	179.8	135.4704656	136.6949611	Yes
19.81	1.208	179	135.5200067	137.7365179	Yes
19.82	1.32	177	135.759882	137.8978192	Yes
19.81	1.259	174.1	136.4050401	140.7409225	Yes
19.82	1.322	171.7	137.21054	139.8321421	Yes
19.8	1.286	172.8	136.810367	140.1376328	Yes
19.79	1.328	173.8	136.4921301	137.9367374	Yes
19.78	1.276	176.5	135.8458714	138.6540979	Yes
19.76	1.303	177.5	135.6843278	137.7202309	Yes
19.74	1.191	181.1	135.4463252	136.5493454	Yes
19.71	1.248	179.3	135.4983288	136.1847961	Yes
19.69	1.108	176.6	135.8278372	137.3222734	Yes
19.65	1.165	177.6	135.6704665	136.4892044	Yes
19.62	1.033	178.1	135.6073966	136.3827972	Yes
19.59	0.964	176	135.9423289	137.2532577	Yes
19.57	0.99	185.8	135.9423289	136.7690495	Yes
19.57	0.989	181.8	135.4622116	137.4967759	Yes

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7/27/2019	0:32	19.03	0.483
7/27/2019	0:33	19.03	0.448
7/27/2019	0:34	19.03	0.514
7/27/2019	0:35	19.04	0.506
7/27/2019	0:36	19.05	0.558
7/27/2019	0:37	19.06	0.503
7/27/2019	0:38	19.06	0.524
7/27/2019	0:39	19.07	0.479
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7/27/2019	0:47	19.04	0.433
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7/27/2019	0:49	19.05	0.547
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7/27/2019	1:03	18.75	0.432
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7/27/2019	1:15	18.84	0.559
7/27/2019	1:16	18.85	0.597
7/27/2019	1:17	18.86	0.498

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173.7	136.5220169	18.98
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176	135.9423289	18.98
172.6	136.8792016	18.99
176.7	135.8102214	19.01
176.6	135.8278372	19.02
182.1	135.475212	19.03
175.9	135.9628798	19.04
179.3	135.4983288	19.03
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181	135.4457063	19.02
187	136.2167669	19.01
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180.6	135.4473567	19.01
180	135.4622116	19.02
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171.8	137.171973	19.02
174	136.4336422	19.02
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169.4	138.2203136	18.79
173	136.743267	18.75
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181.8	135.4622116	18.69
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188.5	136.6458601	18.68
193.8	138.952495	18.72
193.3	138.6806025	18.76
181.4	135.4506575	18.78
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171.5	137.2889944	18.82
172.8	136.810367	18.81
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173.7	136.5220169	18.82

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137.6639493	18.9
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0.91	170.4	137.7521729	19.41	1.021	167.5	139.23608
0.858	172.2	137.0220917	19.4	1.051	164.7	141.0459134
0.929	171.5	137.2889944	19.4	1.132	167.7	139.1212357
0.897	172.8	136.810367	19.41	1.14	167.8	139.0645196
0.872	172.9	136.7766005	19.41	1.187	165	140.8336095
0.988	175.4	136.0719483	19.43	1.322	168	138.952495
0.981	175.3	136.0950271	19.45	1.105	167.8	139.0645196
0.956	175.8	135.9838512	19.46	1.225	168.8	138.5230334
0.926	177	135.759882	19.47	1.269	168.8	138.5230334
0.895	173.9	136.4626721	19.46	1.057	166.9	139.5919783
0.913	171.9	137.1338452	19.44	1.108	166.8	139.6529623
0.965	175.8	135.9838512	19.43	1.111	170.8	137.577514
0.891	176.1	135.9221983	19.41	1.108	167	139.5314724
0.92	180.2	135.4556091	19.41	1.135	173.5	136.5830783
0.912	178.8	135.5365272	19.4	1.137	170.6	137.6639493
0.879	179.1	135.5123672	19.41	1.183	171.3	137.3692134
0.955	175.8	135.9838512	19.4	1.073	170.3	137.796957
0.896	177.3	135.7132992	19.4	1.099	171.5	137.2889944
0.924	177.7	135.6570213	19.41	1.227	169.1	138.3696112
1.043	176.8	135.7930238	19.44	1.228	169.8	138.0276292
0.957	172.9	136.7766005	19.44	1.055	170	137.9340071
0.908	172	137.0961561	19.43	1.142	165.1	140.7638403
0.912	173.2	136.6778973	19.42	1.106	168.1	138.8971847
0.862	172	137.0961561	19.39	1.051	166.4	139.9016992
0.844	178.8	135.5365272	19.36	1.029	170.9	137.5349652
0.846	172.9	136.7766005	19.33	0.989	169.6	138.1230627
0.886	175.6	136.0270567	19.3	1.04	170.1	137.8878733
0.757	174	136.4336422	19.27	0.901	168.1	138.8971847
0.817	168.2	138.8423412	19.23	0.954	165.8	140.2893212
0.69	168.4	138.734051	19.18	0.907	163.3	142.096964
0.664	171.1	137.4512019	19.12	0.78	166.4	139.9016992
0.709	170.7	137.6205085	19.07	0.911	167.4	139.2942101
0.76	178.5	135.564413	19.04	0.969	172.8	136.810367
0.737	185.2	135.8278372	19.03	0.903	177.7	135.6570213
0.648	183.7	135.6073966	19.03	1.004	177.2	135.7284098
0.91	189.5	136.9857152	19.07	0.979	183.5	135.5850754
0.955	189.9	137.1338452	19.13	1.213	184.1	135.6570213
0.98	187.8	136.4336422	19.21	1.181	182.3	135.4859439
0.954	186.8	136.1668004	19.25	1.197	179.3	135.4983288
1.089	182.9	135.52806	19.28	1.193	171.9	137.1338452
0.93	178.1	135.6073966	19.27	1.19	172.5	136.9142707
1.034	176.4	135.8643244	19.27	1.12	169.5	138.1714606
0.95	173.6	136.5523328	19.25	1.05	170.8	137.577514
1.025	175.5	136.0492916	19.23	1.194	168.4	138.734051
1.134	175.1	136.1424529	19.24	1.346	168.9	138.471433
1.043	168.9	138.471433	19.26	1.232	161.7	143.4232201
0.969	166.8	139.6529623	19.23	1.13	160.8	144.2299319
0.987	168	138.952495	19.22	1.193	162	143.1641434

19.57	1.064	183.4	135.5745369	137.3967418	Yes
19.56	1.036	177.4	135.6986053	137.6556877	Yes
19.55	1.102	176.6	135.8278372	138.0405667	Yes
19.54	1.239	177	135.759882	138.666591	Yes
19.53	1.215	175.1	136.1424529	139.956651	Yes
19.53	1.27	176.1	135.9221983	138.5670671	Yes
19.55	1.224	176.8	135.7930238	138.2418331	Yes
19.55	1.287	172.7	136.8445673	138.2861293	Yes
19.58	1.365	175.9	135.9628798	137.6460619	Yes
19.59	1.305	177.5	135.6843278	137.8147723	Yes
19.59	1.337	178.4	135.5745369	137.2405848	Yes
19.6	1.327	176	135.9423289	137.2056618	Yes
19.59	1.31	177.9	135.6313781	137.9176231	Yes
19.57	1.21	173	136.743267	138.5564485	Yes
19.55	1.21	177.5	135.6843278	137.3753154	Yes
19.54	1.289	175.1	136.1424529	137.7522396	Yes
19.53	1.254	179.3	135.4983288	136.4139636	Yes
19.52	1.302	178.2	135.5960285	136.5741113	Yes
19.53	1.16	179.8	135.4704656	136.1891937	Yes
19.53	1.266	179.2	135.5051412	137.2725166	Yes
19.53	1.305	180.7	135.4463252	136.4712447	Yes
19.54	1.262	178.8	135.5365272	136.5626474	Yes
19.56	1.31	180.9	135.4455	136.9514745	Yes
19.56	1.31	178.1	135.6073966	137.8347869	Yes
19.55	1.266	172.1	137.0589052	139.4854703	Yes
19.54	1.167	173.6	136.5523328	137.7542493	Yes
19.5	1.202	172.7	136.8445673	138.4707402	Yes
19.48	1.193	177.3	135.7132992	136.392199	Yes
19.44	1.176	176.6	135.8278372	137.9341712	Yes
19.43	1.212	178.4	135.5745369	136.8527601	Yes
19.39	1.108	175.7	136.0052434	137.9557693	Yes
19.35	1.181	171.3	137.3692134	139.6051084	Yes
19.29	1.053	167.8	139.0645196	141.2148889	Yes
19.22	0.979	171.7	137.21054	139.119273	Yes
19.17	0.998	177.3	135.7132992	138.327737	Yes
19.15	1.093	180.4	135.4506575	136.5901314	Yes
19.15	1.043	184.9	135.7762441	135.6357747	Yes
19.16	1.049	186.8	136.1668004	135.7976751	Yes
19.19	1.247	192.9	138.471433	136.1822544	Yes
19.26	1.361	192	138.0276292	137.0029482	Yes
19.34	1.36	193.1	138.5750946	136.5490543	Yes
19.38	1.36	188.1	136.5220169	135.6652988	Yes
19.4	1.389	181.1	135.4463252	136.1023583	Yes
19.4	1.287	182.8	135.5200067	136.1637934	Yes
19.39	1.37	179.6	135.4803714	137.6748021	Yes
19.37	1.271	177.3	135.7132992	137.9105853	Yes
19.35	1.317	176.2	135.9024875	137.6365512	Yes
19.36	1.486	175.5	136.0492916	137.7139317	Yes
19.37	1.339	169.8	138.0276292	140.5713327	Yes
19.34	1.323	166.8	139.6529623	141.4796725	Yes
19.32	1.296	168.1	138.8971847	140.978993	Yes

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7/27/2019	1:24	18.63	0.363
7/27/2019	1:25	18.6	0.354
7/27/2019	1:26	18.58	0.372
7/27/2019	1:27	18.55	0.361
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7/27/2019	2:08	18.35	0.448

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164	141.5589225	18.26
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159.6	145.3759529	18.28
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0.608	154.8
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0.705	150.9
0.707	151.9
0.739	150.6
0.765	156.8
0.653	150.1
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0.718	149.3
0.747	147.2
0.743	149.9
0.735	149.3
0.816	150.7
0.637	152.8
0.668	156.2
0.72	158.8
0.797	157.8
0.848	154.1

148.6120398	19.03
157.1969778	18.99
160.0645165	18.93
152.5604335	18.87
144.6975271	18.81
143.3363204	18.75
152.6988115	18.71
153.8318952	18.68
149.5695304	18.65
149.0856146	18.62
145.3759529	18.6
150.8255466	18.58
148.4952449	18.56
159.3677662	18.54
155.7749165	18.54
156.8753741	18.52
150.3151193	18.52
152.6988115	18.53
148.8475437	18.54
146.7114396	18.55
149.5695304	18.55
150.6969261	18.55
147.1426245	18.55
148.9662571	18.55
150.1891937	18.53
152.5604335	18.51
146.2898835	18.5
145.8778326	18.48
146.2898835	18.45
144.5088047	18.43
149.2056183	18.42
148.1486618	18.42
146.7114396	18.42
157.8499471	18.42
154.8621634	18.44
156.3989918	18.44
154.8621634	18.44
156.8753741	18.44
148.379085	18.45
157.6854758	18.45
160.5962459	18.46
159.0245589	18.46
162.8040494	18.46
158.0152438	18.46
159.0245589	18.47
156.7157803	18.47
153.5442409	18.47
149.0856146	18.46
146.1859844	18.45
147.2519401	18.44
151.7450728	18.44

0.771	164	141.5589225	19.18	1.082	161	144.0468045
0.785	157.7	147.3618674	19.13	0.814	157.7	147.3618674
0.58	158.2	146.8183282	19.06	0.849	156.8	148.379085
0.787	159.4	145.5749597	18.99	0.801	159.3	145.6753339
0.76	163.4	142.0185516	18.92	0.752	163.1	142.25535
0.679	162.8	142.4968525	18.86	0.774	163.2	142.1758963
0.719	162.4	142.8262379	18.82	0.872	159.8	145.1792559
0.718	160.6	144.4152874	18.79	0.866	160.3	144.6975271
0.701	163	142.3353263	18.77	0.898	160.2	144.7927354
0.761	160.9	144.1380905	18.74	0.842	161.6	143.5106627
0.72	165.2	140.6945686	18.71	0.882	160	144.9848547
0.818	160.2	144.7927354	18.69	0.889	160.7	144.3223303
0.781	158.1	146.9258206	18.67	0.824	157.3	147.8077356
0.762	155.2	150.3151193	18.66	0.95	153.3	152.8379067
0.843	152.8	153.5442409	18.66	1.035	152.4	154.1225109
0.896	155.8	149.5695304	18.65	0.951	154.5	151.2154981
0.874	157.9	147.1426245	18.64	0.997	156.8	148.379085
0.81	159.5	145.4751667	18.65	0.915	157.8	147.2519401
0.768	163.9	141.6342428	18.67	0.987	160.5	144.5088047
0.796	162.3	142.9099119	18.69	0.983	162.3	142.9099119
0.887	166.4	139.9016992	18.69	0.905	161	144.0468045
0.872	161.8	143.3363204	18.68	0.884	159.9	145.0817692
0.824	162.8	142.4968525	18.68	0.883	162.9	142.4158267
0.741	163.1	142.25535	18.67	0.85	160.5	144.5088047
0.79	159.5	145.4751667	18.67	0.958	158.9	146.0826775
0.798	162.9	142.4158267	18.64	0.858	160.5	144.5088047
0.769	160.9	144.1380905	18.63	1.057	160.9	144.1380905
0.708	164.1	141.484113	18.6	0.92	160.2	144.7927354
0.777	162.8	142.4968525	18.57	0.965	161.2	143.8658923
0.903	164.5	141.1899582	18.55	0.94	160.8	144.2299319
0.913	161.1	143.9560723	18.54	0.92	160.8	144.2299319
0.831	161.3	143.7762629	18.55	1.021	160.4	144.6028841
0.876	160.1	144.8885107	18.55	0.996	157.1	148.034394
0.931	153.9	152.0140384	18.56	1.081	152.7	153.6876994
0.873	155.2	150.3151193	18.56	1.136	151.5	155.4675767
0.953	150.6	156.8753741	18.56	1.007	154	151.8792052
0.891	151.7	155.1633342	18.55	0.987	153.4	152.6988115
0.885	156.6	148.6120398	18.56	1.071	154.5	151.2154981
0.822	159.6	145.3759529	18.56	1.12	159.1	145.8778326
0.895	153.9	152.0140384	18.57	0.963	156.9	148.2635581
0.81	156.6	148.6120398	18.58	1.161	153.6	152.4227699
0.963	152	154.712722	18.58	0.977	151.3	155.7749165
0.851	148.8	159.8890273	18.59	1.039	150.7	156.7157803
0.935	151.9	154.8621634	18.58	1.124	151.1	156.0853794
0.89	156.8	148.379085	18.59	1.078	152.7	153.6876994
0.986	154.5	151.2154981	18.59	1.101	153.2	152.9777221
0.853	157.8	147.2519401	18.59	0.968	157.2	147.9207527
0.974	161	144.0468045	18.58	0.998	160.3	144.6975271
0.735	161.3	143.7762629	18.57	1.065	158.2	146.8183282
0.917	162.9	142.4158267	18.56	1.121	161.4	143.6871825
1.031	157.3	147.8077356	18.56	1.184	157.2	147.9207527

19.28	1.154	168.5	138.6806025	143.0732215	Yes
19.22	1.054	162.4	142.8262379	147.9087845	Yes
19.14	0.975	162.3	142.9099119	149.112972	Yes
19.07	1.053	162.4	142.8262379	146.9416998	Yes
19	0.987	168.8	138.5230334	142.0664097	Yes
18.94	0.974	168.8	138.5230334	142.1416456	Yes
18.9	1.057	165.9	140.2234999	145.8002895	Yes
18.89	1.068	163.7	141.786421	145.2430847	Yes
18.86	0.998	164.9	140.9038772	144.2800064	Yes
18.84	1.035	166	140.1581671	144.5733226	Yes
18.82	0.995	167.3	139.3528135	142.5584496	Yes
18.81	1.102	164.4	141.262737	145.3748837	Yes
18.78	1.066	163.2	142.1758963	146.3118382	Yes
18.77	1.075	158.6	146.3943767	152.7540093	Yes
18.76	1.141	155.1	150.441715	152.6188967	Yes
18.74	1.224	157.3	147.8077356	151.2280857	Yes
18.75	1.196	162.1	143.0788632	146.5985855	Yes
18.77	1.122	161.8	143.3363204	146.7089328	Yes
18.78	1.119	165.2	140.6945686	143.707346	Yes
18.81	1.124	165.4	140.557513	142.6515957	Yes
18.82	1.064	165.7	140.355632	142.6442348	Yes
18.82	1.152	164.4	141.262737	144.5448838	Yes
18.81	1.151	167.2	139.411891	142.3975672	Yes
18.8	1.076	164.9	140.9038772	144.3601218	Yes
18.78	1.136	163.2	142.1758963	145.3964577	Yes
18.76	1.16	163.3	142.096964	145.2609969	Yes
18.73	1.063	165.7	140.355632	143.6012143	Yes
18.69	1.052	165.5	140.4897269	142.2001353	Yes
18.66	1.015	164.6	141.1176841	142.7060222	Yes
18.63	1.221	166.7	139.7144254	143.2307037	Yes
18.63	1.211	164.9	140.9038772	146.0257655	Yes
18.64	1.131	163	142.3353263	144.107377	Yes
18.63	1.186	162.1	143.0788632	145.2610394	Yes
18.66	1.206	158.8	146.1859844	152.7560234	Yes
18.65	1.163	158.5	146.4994658	151.5549548	Yes
18.66	1.256	156.8	148.379085	154.7826006	Yes
18.65	1.202	155.7	149.6921424	152.1505354	Yes
18.66	1.247	157.5	147.5835656	150.3739118	Yes
18.66	1.126	163.5	141.9406579	145.2979482	Yes
18.66	1.223	157.3	147.8077356	151.1953501	Yes
18.66	1.208	158.4	146.6051528	150.1047548	Yes
18.66	1.271	155.1	150.441715	152.9220234	Yes
18.66	1.245	155.1	150.441715	158.3101881	Yes
18.66	1.253	155.4	150.0639356	153.0531871	Yes
18.66	1.184	158	147.0339187	153.1095493	Yes
18.66	1.321	157	148.1486618	151.331072	Yes
18.66	1.145	161.5	143.5986496	147.3356817	Yes
18.65	1.251	166	140.1581671	145.8014748	Yes
18.65	1.144	167	139.5314724	144.1237502	Yes
18.65	1.202	166.3	139.9650888	142.7547247	Yes
18.65	1.415	161.4	143.6871825	148.4669844	Yes

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7/27/2019	2:10	18.36	0.573
7/27/2019	2:11	18.37	0.468
7/27/2019	2:12	18.37	0.485
7/27/2019	2:13	18.38	0.429
7/27/2019	2:14	18.38	0.445
7/27/2019	2:15	18.4	0.521
7/27/2019	2:16	18.4	0.452
7/27/2019	2:17	18.4	0.502
7/27/2019	2:18	18.4	0.555
7/27/2019	2:19	18.41	0.448
7/27/2019	2:20	18.4	0.431
7/27/2019	2:21	18.4	0.477
7/27/2019	2:22	18.38	0.5
7/27/2019	2:23	18.38	0.48
7/27/2019	2:24	18.38	0.444
7/27/2019	2:25	18.38	0.521
7/27/2019	2:26	18.39	0.486
7/27/2019	2:27	18.4	0.421
7/27/2019	2:28	18.39	0.343
7/27/2019	2:29	18.38	0.369
7/27/2019	2:30	18.37	0.377
7/27/2019	2:31	18.35	0.327
7/27/2019	2:32	18.33	0.26
7/27/2019	2:33	18.31	0.307
7/27/2019	2:34	18.28	0.387
7/27/2019	2:35	18.26	0.283
7/27/2019	2:36	18.23	0.268
7/27/2019	2:37	18.21	0.286
7/27/2019	2:38	18.19	0.282
7/27/2019	2:39	18.17	0.309
7/27/2019	2:40	18.15	0.258
7/27/2019	2:41	18.13	0.217
7/27/2019	2:42	18.11	0.246
7/27/2019	2:43	18.09	0.281
7/27/2019	2:44	18.07	0.293
7/27/2019	2:45	18.05	0.305
7/27/2019	2:46	18.03	0.292
7/27/2019	2:47	18.02	0.271
7/27/2019	2:48	18.02	0.263
7/27/2019	2:49	18.01	0.216
7/27/2019	2:50	18	0.332
7/27/2019	2:51	18	0.34
7/27/2019	2:52	17.99	0.352
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7/27/2019	2:55	18	0.34
7/27/2019	2:56	18.01	0.519
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7/27/2019	2:59	18.06	0.508

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170.9	137.5349652	18.29
166.4	139.9016992	18.3
169.9	137.9805921	18.31
177.5	135.6843278	18.31
170.8	137.577514	18.32
168.7	138.5750946	18.33
173.4	136.6142539	18.33
170.2	137.8421902	18.33
168.6	138.6276173	18.33
169.4	138.2203136	18.31
167.8	139.0645196	18.31
173.5	136.5830783	18.31
167.1	139.4714437	18.31
163.4	142.0185516	18.32
169.4	138.2203136	18.32
171	137.4928614	18.31
167.3	139.3528135	18.3
176.3	135.8831963	18.29
169.8	138.0276292	18.27
173.1	136.7103661	18.25
176.4	135.8643244	18.22
169.3	138.2696225	18.2
172.9	136.7766005	18.17
172	137.0961561	18.15
179.5	135.4859439	18.13
163.1	142.25535	18.1
175	136.1668004	18.08
182.4	135.4919297	18.07
189.2	136.8792016	18.05
181.6	135.4556091	18.03
179.2	135.5051412	18.01
170.5	137.7078372	17.99
171.9	137.1338452	17.97
176.2	135.9024875	17.95
175.7	136.0052434	17.94
183.5	135.5850754	17.93
179.4	135.4919297	17.92
178.7	135.5454083	17.92
169.4	138.2203136	17.92
171.6	137.249547	17.91
179.1	135.5123672	17.91
170.8	137.577514	17.92
181.6	135.4556091	17.92
171	137.4928614	17.94
178.2	135.5960285	17.96
178.3	135.5850754	17.97
189.8	137.0961561	18.01

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0.793	149.5
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0.787	157.7
0.713	159.3
0.861	156.5
0.799	166.9
0.694	162.7
0.882	163.8
0.986	161.9
0.793	167.3
0.81	167.3
0.638	162.8
0.766	162.8
0.844	161
0.846	161.2
0.785	154.9
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0.674	161.3
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0.607	167.7
0.569	168.8
0.462	168.1
0.528	172.1
0.541	167.6
0.664	168.3
0.568	173.3
0.598	169
0.49	166.5
0.513	167.2
0.527	169.4
0.496	176.1
0.529	173
0.472	168
0.481	173.3
0.402	166.6
0.438	171.8
0.53	166.2
0.567	164.9
0.545	168.1
0.517	170.4
0.606	168.3
0.605	167.5
0.538	166.9
0.699	169.9
0.653	167.8
0.734	164.6
0.678	170.2
0.629	175.4
0.791	172.4
0.879	176.6

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158.684756	18.44
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145.6753339	18.47
148.729472	18.48
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142.5784051	18.5
141.7100752	18.51
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142.4968525	18.51
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143.8658923	18.49
150.6969261	18.5
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139.1212357	18.5
138.5230334	18.48
138.8971847	18.46
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139.1784222	18.41
138.7879636	18.38
136.6458601	18.35
138.4202926	18.33
139.8387928	18.31
139.411891	18.28
138.2203136	18.26
135.9221983	18.25
136.743267	18.23
138.952495	18.22
136.6458601	18.2
139.7763685	18.19
137.171973	18.17
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140.9038772	18.15
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137.7521729	18.13
138.7879636	18.13
139.23608	18.13
139.5919783	18.13
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139.0645196	18.14
141.1176841	18.14
137.8421902	18.16
136.0719483	18.18
136.949775	18.21
135.8278372	18.24

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1.073	152.4	154.1225109	18.56	1.111	153	153.2595242
0.972	159	145.9799608	18.56	1.083	159.9	145.0817692
1.026	162.9	142.4158267	18.57	1.162	160	144.9848547
0.984	164.7	141.0459134	18.58	1.122	161.4	143.6871825
0.964	161.1	143.9560723	18.6	1.161	160.3	144.6975271
0.974	169.3	138.2696225	18.63	1.174	165.1	140.7638403
0.99	167.4	139.2942101	18.63	1.049	166.4	139.9016992
0.983	168	138.952495	18.63	1.234	166.7	139.7144254
1.087	171.5	137.2889944	18.65	1.331	163.3	142.096964
0.94	175	136.1668004	18.66	1.158	169.1	138.3696112
0.939	172.3	136.9857152	18.65	1.171	167.8	139.0645196
0.962	166.2	140.0289626	18.63	1.045	164.3	141.3360215
0.951	167.4	139.2942101	18.62	1.084	164.8	140.9746448
0.915	164.7	141.0459134	18.62	1.176	162	143.1641434
0.897	161.9	143.249962	18.62	1.247	162.2	142.9941199
1.056	163.7	141.786421	18.63	1.139	160.5	144.5088047
1.002	161.3	143.7762629	18.65	1.049	160.6	144.4152874
0.921	162.8	142.4968525	18.65	1.052	163.2	142.1758963
0.71	167	139.5314724	18.64	0.923	164.2	141.4098131
0.703	170.3	137.796957	18.62	0.915	166.3	139.9650888
0.733	172.9	136.7766005	18.6	0.875	168.4	138.734051
0.629	171.2	137.4099861	18.58	0.82	167.8	139.0645196
0.7	170.5	137.7078372	18.55	0.835	168.4	138.734051
0.721	174.3	136.3491176	18.53	0.796	171.2	137.4099861
0.751	171.8	137.171973	18.5	0.927	169.2	138.3193881
0.662	176.6	135.8278372	18.47	0.851	170.1	137.8878733
0.665	171.2	137.4099861	18.45	0.87	169.9	137.9805921
0.719	171	137.4928614	18.43	0.821	167.9	139.008273
0.701	167.6	139.1784222	18.4	0.779	167.4	139.2942101
0.668	175.7	136.0052434	18.39	0.815	169.7	138.0751192
0.586	178.2	135.5960285	18.38	0.755	169.8	138.0276292
0.538	177	135.759882	18.37	0.853	172.4	136.949775
0.697	173.3	136.6458601	18.36	0.724	173.1	136.7103661
0.632	174.1	136.4050401	18.34	0.755	172.3	136.9857152
0.668	169.5	138.1714606	18.34	0.674	169.2	138.3193881
0.652	173	136.743267	18.32	0.75	169.7	138.0751192
0.649	172.4	136.949775	18.3	0.85	169.1	138.3696112
0.708	173.9	136.4626721	18.31	0.93	169.6	138.1230627
0.697	169.7	138.0751192	18.3	0.867	170.3	137.796957
0.666	176	135.9423289	18.29	0.85	172.1	137.0589052
0.736	177	135.759882	18.29	0.872	169.6	138.1230627
0.748	168.7	138.5750946	18.28	0.936	167.7	139.1212357
0.782	167.8	139.0645196	18.28	0.779	169.8	138.0276292
0.822	174.1	136.4050401	18.29	1.077	168.8	138.5230334
0.789	169.7	138.0751192	18.29	1.038	168	138.952495
0.942	172.1	137.0589052	18.29	1.085	167.8	139.0645196
0.984	176.6	135.8278372	18.31	1.035	169.9	137.9805921
0.866	177.1	135.7439374	18.33	0.991	174.1	136.4050401
0.946	179.4	135.4919297	18.36	1.201	176.6	135.8278372
1.036	180.6	135.4473567	18.4	1.31	173.9	136.4626721

18.64	1.353	159.2	145.7762909	149.6219849	Yes
18.62	1.423	159.3	145.6753339	153.7881014	Yes
18.62	1.333	163	142.3353263	146.9630239	Yes
18.63	1.322	165	140.8336095	143.6347293	Yes
18.66	1.236	166.8	139.6529623	141.9858487	Yes
18.68	1.333	165.2	140.6945686	144.3211926	Yes
18.71	1.223	168.3	138.7879636	139.1515083	Yes
18.7	1.33	168.6	138.6276173	139.3646606	Yes
18.71	1.29	171.9	137.1338452	139.4886274	Yes
18.74	1.462	169.7	138.0751192	140.3027537	Yes
18.75	1.301	174.6	136.2684311	137.6258697	Yes
18.74	1.285	173.7	136.5220169	138.3113096	Yes
18.72	1.235	171.9	137.1338452	140.6223635	Yes
18.71	1.288	168.7	138.5750946	140.2465053	Yes
18.71	1.302	169.1	138.3696112	141.8303452	Yes
18.71	1.253	166	140.1581671	141.6732631	Yes
18.72	1.438	163.4	142.0185516	144.1158989	Yes
18.74	1.331	162.7	142.5784051	143.6100084	Yes
18.74	1.242	166.6	139.7763685	141.6673313	Yes
18.72	1.086	169.3	138.2696225	139.5526289	Yes
18.7	1.036	169.5	138.1714606	139.0590237	Yes
18.68	1.041	174.8	136.2167669	137.4792203	Yes
18.66	0.998	174.8	136.2167669	138.3498299	Yes
18.64	0.986	175.2	136.1185285	137.5527899	Yes
18.62	1.031	174.5	136.2949008	137.2004626	Yes
18.6	1.061	175.6	136.0270567	138.1372368	Yes
18.56	0.878	174.9	136.1915717	136.7845428	Yes
18.54	0.966	173.6	136.5523328	137.7267567	Yes
18.52	1.029	175	136.1668004	137.9564678	Yes
18.5	0.951	172	137.0961561	140.0349683	Yes
18.49	0.943	174.8	136.2167669	137.1168692	Yes
18.49	0.852	175.9	135.9628798	136.2594464	Yes
18.47	0.876	180	135.4622116	136.5830314	Yes
18.46	0.967	177.2	135.7284098	136.9410826	Yes
18.45	0.903	176.7	135.8102214	136.3854392	Yes
18.45	0.937	177	135.759882	138.4937636	Yes
18.43	0.939	175.4	136.0719483	137.2810511	Yes
18.41	0.97	174.9	136.1915717	137.8127091	Yes
18.42	1.006	174.7	136.2423866	137.8737139	Yes
18.41	0.961	176.4	135.8643244	137.5885841	Yes
18.4	1.027	176.2	135.9024875	136.5613342	Yes
18.39	1.03	178	135.6191797	137.0540792	Yes
18.39	1.071	173	136.743267	138.788181	Yes
18.4	1.093	172.6	136.8792016	138.4834185	Yes
18.4	1.18	174.8	136.2167669	137.1052582	Yes
18.41	1.101	173.7	136.5220169	138.417412	Yes
18.4	1.235	172.7	136.8445673	138.1741795	Yes
18.42	1.271	175.1	136.1424529	137.2858702	Yes
18.44	1.19	180.3	135.452927	135.9542386	Yes
18.47	1.272	180.5	135.4488008	135.9636543	Yes
18.51	1.386	183.6	135.5960285	136.2085055	Yes

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161.7	143.4232201	18.08
169.8	138.0276292	18.08
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182	135.4704656	18.01
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138.7879636	18.26
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0.939	167.2	139.411891	18.49	1.19	164.3	141.3360215
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0.918	166.4	139.9016992	18.44	1.022	165.7	140.355632
0.985	163.9	141.6342428	18.41	1.048	165.5	140.4897269
0.945	171.5	137.2889944	18.39	1.205	169.7	138.0751192
0.916	174.1	136.4050401	18.38	1.132	169.4	138.2203136
0.905	174.5	136.2949008	18.36	1.046	169.5	138.1714606
0.894	171.8	137.171973	18.34	1.188	168.5	138.6806025
0.974	176.1	135.9221983	18.33	1.134	171.7	137.21054
0.957	174.9	136.1915717	18.31	1.201	169.1	138.3696112
1.031	177.3	135.7132992	18.3	1.135	172.3	136.9857152
1.005	176.3	135.8831963	18.29	1.159	171.5	137.2889944
0.947	176.6	135.8278372	18.29	1.137	173.3	136.6458601
0.98	181	135.4457063	18.31	1.38	174.3	136.3491176
1.031	178.6	135.5547035	18.33	1.096	170.1	137.8878733
0.931	175.3	136.0950271	18.34	1.21	172.7	136.8445673
1.009	176.8	135.7930238	18.34	1.087	171.5	137.2889944
0.784	174.2	136.3768654	18.33	1.063	173.3	136.6458601
0.929	174.7	136.2423866	18.33	1.096	170.2	137.8421902
0.977	180.2	135.4556091	18.33	1.109	173.4	136.6142539
1.042	178.9	135.52806	18.34	1.144	173.3	136.6458601
0.929	179.9	135.4661321	18.34	1.095	173.7	136.5220169
0.882	176.4	135.8643244	18.35	0.908	173.4	136.6142539
0.957	180.6	135.4473567	18.36	1.265	172.8	136.810367
1.019	174	136.4336422	18.36	1.145	173	136.743267
1.122	177.9	135.6313781	18.37	1.251	173.5	136.5830783
0.963	175.2	136.1185285	18.38	1.246	172.1	137.0589052
1.026	172.2	137.0220917	18.38	1.079	170.7	137.6205085
1.08	174.7	136.2423866	18.37	1.21	170.5	137.7078372
1.062	173.5	136.5830783	18.36	1.195	168.8	138.5230334
0.842	175.8	135.9838512	18.36	1.163	170.2	137.8421902
0.888	173	136.743267	18.34	1.118	168.4	138.734051
0.919	171	137.4928614	18.34	1.191	171.7	137.21054
1.036	175.3	136.0950271	18.33	1.118	172.4	136.949775
1.013	175.7	136.0052434	18.33	1.216	167.4	139.2942101
0.977	177.5	135.6843278	18.34	1.401	170.6	137.6639493
0.975	165	140.8336095	18.35	1.174	165.4	140.557513
1.027	169.2	138.3193881	18.34	1.102	163.6	141.8632814
1.032	169.3	138.2696225	18.33	1.195	166.8	139.6529623
0.861	163.1	142.25535	18.33	1.008	162.3	142.9099119
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18.58	1.32	180.1	135.458704	136.4530067	Yes
18.6	1.291	176.8	135.7930238	137.592709	Yes
18.59	1.232	174.3	136.3491176	138.1436147	Yes
18.59	1.308	170.4	137.7521729	142.1002661	Yes
18.56	1.296	167	139.5314724	144.0762808	Yes
18.53	1.255	169.5	138.1714606	140.5602582	Yes
18.5	1.353	170	137.9340071	139.8901585	Yes
18.48	1.25	174.8	136.2167669	137.4458638	Yes
18.46	1.24	175.5	136.0492916	137.2548139	Yes
18.45	1.24	176.4	135.8643244	137.6530149	Yes
18.42	1.274	176.2	135.9024875	137.601245	Yes
18.42	1.433	176.9	135.7762441	136.6221332	Yes
18.4	1.303	175.8	135.9838512	137.350647	Yes
18.39	1.343	178.7	135.5454083	136.2116264	Yes
18.38	1.379	179.5	135.4859439	136.689899	Yes
18.38	1.308	178	135.6191797	136.2334557	Yes
18.41	1.347	178.6	135.5547035	135.8288006	Yes
18.42	1.322	178.3	135.5850754	136.7876787	Yes
18.42	1.261	177.4	135.6986053	136.4247636	Yes
18.42	1.239	179.6	135.4803714	136.2725493	Yes
18.41	1.04	178.6	135.5547035	137.0539323	Yes
18.41	1.249	178.9	135.52806	137.4664247	Yes
18.42	1.212	180.3	135.452927	136.001014	Yes
18.43	1.326	182	135.4704656	136.2607289	Yes
18.43	1.253	180.6	135.4473567	136.0123356	Yes
18.44	1.282	181.5	135.452927	136.4112912	Yes
18.45	1.32	179.4	135.4919297	136.2722872	Yes
18.45	1.307	178.4	135.5745369	136.9429388	Yes
18.46	1.409	179.5	135.4859439	136.2380629	Yes
18.48	1.338	178.1	135.6073966	136.786956	Yes
18.47	1.317	179.1	135.5123672	137.8800942	Yes
18.46	1.377	179	135.5200067	137.400733	Yes
18.45	1.385	176.5	135.8458714	137.4184407	Yes
18.44	1.146	174.3	136.3491176	137.0883326	Yes
18.42	1.218	175.4	136.0719483	137.4354437	Yes
18.42	1.284	177	135.759882	137.4426565	Yes
18.42	1.348	177.9	135.6313781	136.9978824	Yes
18.43	1.378	174.4	136.3217962	137.4906146	Yes
18.43	1.302	175.1	136.1424529	137.0091224	Yes
18.44	1.283	171.3	137.3692134	140.1171018	Yes
18.43	1.413	169.9	137.9805921	139.9340333	Yes
18.42	1.348	172.5	136.9142707	138.6686445	Yes
18.41	1.021	166.3	139.9650888	142.6023512	Yes
18.38	1.219	164	141.5589225	145.7198316	Yes
18.34	1.222	170.2	137.8421902	139.8178458	Yes
18.3	1.274	168.2	138.8423412	143.6380701	Yes
18.28	1.059	168.6	138.6276173	143.4565386	Yes
18.25	1.021	168.4	138.734051	140.7224705	Yes
18.22	0.997	172.6	136.8792016	138.6685039	Yes
18.19	0.951	180.6	135.4473567	136.2462515	Yes

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173.8	136.4921301	17.7
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182	135.4704656	18.09
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0.989	186.7	136.1424529	18.11	1.325	176.7	135.8102214
0.907	187.4	136.3217962	18.15	1.125	179.9	135.4661321
1.011	189.4	136.949775	18.19	1.107	181.6	135.4556091
1.152	192.3	138.1714606	18.25	1.489	182.8	135.5200067
1.124	188.9	136.7766005	18.31	1.335	181	135.4457063
1.076	186	135.9838512	18.35	1.317	179.7	135.475212
1.29	188.1	136.5220169	18.38	1.467	179.2	135.5051412
1.167	189	136.810367	18.41	1.393	182.4	135.4919297
1.369	188.2	136.5523328	18.42	1.409	177.1	135.7439374
1.364	181.5	135.452927	18.45	1.593	174.5	136.2949008
1.281	182.5	135.4983288	18.48	1.521	175.5	136.0492916
1.319	183.2	135.5547035	18.48	1.632	175.8	135.9838512
1.271	179.8	135.4704656	18.5	1.627	176.5	135.8458714
1.352	185.6	135.9024875	18.49	1.612	174.9	136.1915717
1.019	181	135.4457063	18.49	1.356	176.5	135.8458714
1.223	182.4	135.4919297	18.47	1.431	175.8	135.9838512
1.17	186.7	136.1424529	18.47	1.425	180.8	135.4457063
1.218	173.4	136.6142539	18.46	1.215	174.1	136.4050401
1.2	182	135.4704656	18.45	1.414	178.5	135.564413
1.141	175.3	136.0950271	18.44	1.172	171.9	137.1338452
1.153	179.3	135.4983288	18.42	1.311	173.7	136.5220169
1.055	176.6	135.8278372	18.41	1.281	172.9	136.7766005
1.106	184.4	135.6986053	18.38	1.502	174.2	136.3768654
1.291	179.9	135.4661321	18.4	1.446	174.6	136.2684311
1.055	177.9	135.6313781	18.4	1.29	171.1	137.4512019
1.111	175.1	136.1424529	18.39	1.271	174.3	136.3491176
1.046	185.4	135.8643244	18.37	1.235	180	135.4622116
0.934	174.5	136.2949008	18.35	1.164	174.5	136.2949008
0.952	178.7	135.5454083	18.32	1.075	171.9	137.1338452
1.021	181.1	135.4463252	18.29	1.235	174.7	136.2423866
1.016	176.6	135.8278372	18.28	1.306	169.6	138.1230627
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0.921	172.7	136.8445673	18.26	1.254	169.7	138.0751192
0.977	170.2	137.8421902	18.24	1.185	168.5	138.6806025
1.142	173.6	136.5523328	18.24	1.254	170.3	137.796957
1.045	177	135.759882	18.24	1.371	169.6	138.1230627
1.174	176.1	135.9221983	18.24	1.329	170.8	137.577514
1.128	178.5	135.564413	18.26	1.484	174.7	136.2423866
1.229	180.8	135.4457063	18.27	1.419	175.2	136.1185285
1.286	183.3	135.564413	18.3	1.433	177.5	135.6843278
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18.14	1.01	183.4	135.5745369	136.0147424	Yes
18.12	1.089	184.9	135.7762441	136.1799507	Yes
18.1	1.002	181.8	135.4622116	135.9608715	Yes
18.09	1.083	182.4	135.4919297	136.1437266	Yes
18.08	1.087	184.2	135.6704665	135.7819967	Yes
18.09	1.209	181.5	135.452927	136.3242501	Yes
18.13	1.428	186.6	136.1185285	135.9494316	Yes
18.15	1.068	185.8	135.9423289	135.601699	Yes
18.18	1.365	184.3	135.6843278	135.5113091	Yes
18.23	1.294	186.3	136.0492916	136.2605857	Yes
18.27	1.263	186	135.9838512	135.9472655	Yes
18.29	1.37	190.3	137.2889944	136.1573353	Yes
18.36	1.524	191	137.577514	136.6392194	Yes
18.4	1.51	190.1	137.21054	135.9404327	Yes
18.45	1.414	186.5	136.0950271	135.8682524	Yes
18.47	1.633	187.4	136.3217962	135.830448	Yes
18.51	1.595	191.4	137.7521729	136.1217531	Yes
18.52	1.652	184.5	135.7132992	136.0787469	Yes
18.54	1.75	183.4	135.5745369	136.3190881	Yes
18.56	1.763	183.1	135.5454083	136.2490019	Yes
18.56	1.795	185.1	135.8102214	135.7043806	Yes
18.58	1.704	184	135.6439919	135.8546792	Yes
18.57	1.729	184.6	135.7284098	135.9762026	Yes
18.57	1.445	183.1	135.5454083	135.7892363	Yes
18.55	1.634	183	135.5365272	136.1329561	Yes
18.55	1.564	189.3	136.9142707	135.6402732	Yes
18.54	1.507	182.6	135.5051412	137.1705388	Yes
18.53	1.52	184.4	135.6986053	135.5840898	Yes
18.52	1.481	180.2	135.4556091	136.5963824	Yes
18.5	1.597	179.4	135.4919297	136.3435379	Yes
18.48	1.477	180.2	135.4556091	136.2561696	Yes
18.46	1.446	179.8	135.4704656	136.0502634	Yes
18.48	1.713	183.4	135.5745369	136.2316812	Yes
18.47	1.482	180.4	135.4506575	136.2468764	Yes
18.47	1.435	180.5	135.4488008	136.3400743	Yes
18.45	1.359	185.3	135.8458714	137.0402216	Yes
18.42	1.29	180.7	135.4463252	136.3169966	Yes
18.4	1.278	178.6	135.5547035	136.1396505	Yes
18.38	1.43	182.5	135.4983288	135.7285945	Yes
18.38	1.316	177.2	135.7284098	136.9405544	Yes
18.37	1.424	175.7	136.0052434	138.0959945	Yes
18.35	1.271	175.4	136.0719483	137.4434053	Yes
18.33	1.422	175.7	136.0052434	138.5863845	Yes
18.34	1.517	176.1	135.9221983	137.1068912	Yes
18.33	1.436	174.8	136.2167669	137.2213023	Yes
18.35	1.67	179.2	135.5051412	136.4306595	Yes
18.37	1.544	181.1	135.4463252	136.1027783	Yes
18.37	1.617	181.5	135.452927	135.8153463	Yes
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1.262	172.9	136.7766005	18.32	1.407	171	137.4928614
1.1	175.8	135.9838512	18.31	1.483	170.8	137.577514
1.274	174.7	136.2423866	18.28	1.528	168.7	138.5750946
1.304	173.4	136.6142539	18.28	1.49	168.3	138.7879636
1.286	171.9	137.1338452	18.26	1.611	168.6	138.6276173
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1.101	170.9	137.5349652	18.07	1.225	165.9	140.2234999
1.065	171.6	137.249547	18.05	1.148	169.7	138.0751192
0.936	173.7	136.5220169	18.01	1.262	168.5	138.6806025
1.057	170.4	137.7521729	17.99	1.085	168.9	138.471433
0.975	176.7	135.8102214	17.97	1.108	171.6	137.249547
0.901	169.9	137.9805921	17.95	1.089	169.4	138.2203136
1.059	177	135.759882	17.94	1.527	171.2	137.4099861
1.075	177.4	135.6986053	17.96	1.32	173.3	136.6458601
1.198	181.8	135.4622116	17.98	1.347	175	136.1668004
1.077	175.8	135.9838512	18	1.278	172.8	136.810367
1.145	180	135.4622116	18.02	1.368	174.2	136.3768654
1.119	183.5	135.5850754	18.03	1.208	176	135.9423289
1.051	181.2	135.4473567	18.08	1.351	175.3	136.0950271
1.228	182	135.4704656	18.12	1.49	178.1	135.6073966
0.997	189.7	137.0589052	18.17	1.506	180.4	135.4506575
0.917	184.8	135.759882	18.16	1.264	177.6	135.6704665
1.046	183.1	135.5454083	18.15	1.267	177.7	135.6570213
1.116	181.7	135.458704	18.15	1.239	176.7	135.8102214
1.46	185	135.7930238	18.18	1.652	176.4	135.8643244
1.129	183.2	135.5547035	18.2	1.341	177.9	135.6313781
1.267	184.7	135.7439374	18.19	1.554	177.8	135.6439919
1.155	183	135.5365272	18.2	1.527	178.8	135.5365272
1.349	187.2	136.2684311	18.22	1.489	181.7	135.458704
1.095	190.1	137.21054	18.22	1.296	180.8	135.4457063
1.156	189.3	136.9142707	18.23	1.528	182.1	135.475212
0.969	188.9	136.7766005	18.24	1.377	183.6	135.5960285
1.126	192.2	138.1230627	18.26	1.438	182.2	135.4803714
1.132	193.8	138.952495	18.26	1.377	184.8	135.759882
1.038	195.6	140.0289626	18.26	1.27	185.5	135.8831963
1.28	193.4	138.734051	18.27	1.419	183.9	135.6313781
1.222	188	136.4921301	18.27	1.267	180.5	135.4488008
1.25	191	137.577514	18.25	1.469	181	135.4457063
1.055	188.2	136.5523328	18.23	1.368	179.8	135.4704656

18.4	1.549	179	135.5200067	136.6031975	Yes
18.38	1.515	178.8	135.5365272	136.3691432	Yes
18.37	1.83	178.7	135.5454083	137.0131035	Yes
18.39	1.734	176.2	135.9024875	137.17556	Yes
18.41	1.828	175.5	136.0492916	138.4017585	Yes
18.39	1.456	175.1	136.1424529	136.6094384	Yes
18.39	1.772	180.8	135.4457063	136.1993454	Yes
18.4	1.589	179.3	135.4983288	136.1536594	Yes
18.39	1.69	178	135.6191797	137.3345935	Yes
18.36	1.51	177.8	135.6439919	136.8775221	Yes
18.34	1.861	176.1	135.9221983	138.3362879	Yes
18.34	1.699	174.8	136.2167669	137.6338878	Yes
18.33	1.723	176.4	135.8643244	138.2235085	Yes
18.29	1.621	175.5	136.0492916	138.0935064	Yes
18.24	1.48	174.7	136.2423866	138.8215096	Yes
18.22	1.698	175.6	136.0270567	137.8869436	Yes
18.2	1.531	172	137.0961561	138.5200883	Yes
18.17	1.533	174.7	136.2423866	139.0459493	Yes
18.14	1.609	173.6	136.5523328	138.7695303	Yes
18.11	1.342	174.6	136.2684311	138.055591	Yes
18.07	1.337	172.8	136.810367	138.3252578	Yes
18.06	1.38	176.6	135.8278372	137.9878646	Yes
18.04	1.359	177.4	135.6986053	136.3844009	Yes
18.02	1.251	175.7	136.0052434	137.1955269	Yes
18.02	1.528	178.9	135.52806	136.4392083	Yes
18.05	1.528	180.1	135.458704	136.3829244	Yes
18.06	1.572	182.8	135.5200067	135.8371925	Yes
18.08	1.445	180.1	135.458704	136.8726179	Yes
18.09	1.624	181.6	135.4556091	136.0055289	Yes
18.1	1.519	184.6	135.7284098	136.0127933	Yes
18.16	1.525	184	135.6439919	135.8242844	Yes
18.2	1.837	185.1	135.8102214	135.6437588	Yes
18.25	1.484	188.6	136.6778973	136.4105752	Yes
18.23	1.307	183.4	135.5745369	136.6794855	Yes
18.24	1.563	181.9	135.4661321	136.1395923	Yes
18.23	1.503	184.6	135.7284098	135.7479218	Yes
18.27	1.74	185	135.7930238	137.0181165	Yes
18.28	1.574	183.8	135.6191797	136.1935176	Yes
18.27	1.643	186.3	136.0492916	135.9742254	Yes
18.28	1.517	184.9	135.7762441	135.7805216	Yes
18.3	1.685	188.5	136.6458601	136.2669838	Yes
18.29	1.385	191.1	137.6205085	136.4202792	Yes
18.31	1.599	190	137.171973	137.1519048	Yes
18.31	1.397	192.4	138.2203136	137.5357253	Yes
18.33	1.543	190.3	137.2889944	137.1750462	Yes
18.34	1.593	195.4	139.9016992	138.1572649	Yes
18.34	1.325	193.3	138.6806025	139.7545065	Yes
18.35	1.704	194.4	139.2942101	137.3324797	Yes
18.35	1.636	189.7	137.0589052	136.316487	Yes
18.33	1.659	187.5	136.3491176	136.9090964	Yes
18.31	1.447	188	136.4921301	136.3084188	Yes

7/27/2019	5:33	17.87	0.542
7/27/2019	5:34	17.86	0.498
7/27/2019	5:35	17.85	0.579
7/27/2019	5:36	17.84	0.478
7/27/2019	5:37	17.84	0.544
7/27/2019	5:38	17.83	0.531
7/27/2019	5:39	17.81	0.429
7/27/2019	5:40	17.79	0.452
7/27/2019	5:41	17.78	0.602
7/27/2019	5:42	17.78	0.513
7/27/2019	5:43	17.77	0.573
7/27/2019	5:44	17.76	0.448
7/27/2019	5:45	17.76	0.489
7/27/2019	5:46	17.75	0.557
7/27/2019	5:47	17.75	0.513
7/27/2019	5:48	17.74	0.552
7/27/2019	5:49	17.73	0.419
7/27/2019	5:50	17.72	0.542
7/27/2019	5:51	17.7	0.392
7/27/2019	5:52	17.69	0.564
7/27/2019	5:53	17.68	0.459
7/27/2019	5:54	17.67	0.386
7/27/2019	5:55	17.65	0.537
7/27/2019	5:56	17.64	0.526
7/27/2019	5:57	17.65	0.712
7/27/2019	5:58	17.65	0.413
7/27/2019	5:59	17.65	0.525
7/27/2019	6:00	17.65	0.478
7/27/2019	6:01	17.64	0.405
7/27/2019	6:02	17.63	0.485
7/27/2019	6:03	17.62	0.492
7/27/2019	6:04	17.62	0.453
7/27/2019	6:05	17.6	0.435
7/27/2019	6:06	17.59	0.448
7/27/2019	6:07	17.58	0.513
7/27/2019	6:08	17.58	0.551
7/27/2019	6:09	17.58	0.532
7/27/2019	6:10	17.59	0.457
7/27/2019	6:11	17.6	0.484
7/27/2019	6:12	17.61	0.462
7/27/2019	6:13	17.61	0.518
7/27/2019	6:14	17.62	0.466
7/27/2019	6:15	17.63	0.429
7/27/2019	6:16	17.64	0.458
7/27/2019	6:17	17.64	0.462
7/27/2019	6:18	17.65	0.404
7/27/2019	6:19	17.66	0.443
7/27/2019	6:20	17.67	0.58
7/27/2019	6:21	17.68	0.446
7/27/2019	6:22	17.69	0.352
7/27/2019	6:23	17.7	0.421

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189.1	136.8445673	17.84
191	137.577514	17.83
181.3	135.4488008	17.82
187.6	136.3768654	17.8
188.1	136.5220169	17.78
187.3	136.2949008	17.77
197.5	141.3360215	17.76
194.6	139.411891	17.76
193.7	138.8971847	17.76
190	137.171973	17.75
175.8	135.9838512	17.74
189.7	137.0589052	17.73
198.5	142.096964	17.73
188.6	136.6778973	17.73
189.5	136.9857152	17.72
187	136.2167669	17.71
187.8	136.4336422	17.69
193.3	138.6806025	17.67
192.8	138.4202926	17.65
188	136.4921301	17.65
194.4	139.2942101	17.64
203.6	146.8183282	17.64
195.4	139.9016992	17.65
196.3	140.4897269	17.66
207.3	151.2154981	17.65
199.8	143.1641434	17.66
208	152.1495751	17.65
194.7	139.4714437	17.64
193.8	138.952495	17.63
195.5	139.9650888	17.63
186.5	136.0950271	17.61
192.7	138.3696112	17.6
196.8	140.8336095	17.6
194.2	139.1784222	17.59
198.3	141.9406579	17.59
202.2	145.3759529	17.61
202.6	145.7762909	17.62
197	140.9746448	17.64
198.7	142.25535	17.66
195.6	140.0289626	17.68
191.5	137.796957	17.7
190.3	137.2889944	17.71
192.8	138.4202926	17.73
192.7	138.3696112	17.75
187	136.2167669	17.77
189.5	136.9857152	17.79
188.3	136.5830783	17.82
189.2	136.8792016	17.84
192.6	138.3193881	17.86

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0.842	177.8
0.847	179.1
0.934	177.2
0.843	182.9
0.798	177.2
0.884	179.3
0.773	179.9
1.01	178.2
0.863	180.8
0.817	181.1
0.883	179.8
0.79	180.1
0.815	181.8
0.99	185.6
0.864	183.3
0.684	178.4
0.771	178.9
0.789	177.7
0.709	177.1
0.749	184
0.853	186.6
0.889	187.2
0.894	187.9
0.979	186.2
0.803	190
0.741	185.5
0.85	192.8
0.808	193.2
0.739	192.1
0.889	183.6
0.804	182.4
0.721	184.6
0.79	182.3
0.752	185.6
0.792	181.3
0.773	188.2
0.797	190.9
0.731	188.6
0.773	194
0.812	185.4
0.876	179.1
0.807	181.9
0.832	178.3
0.643	181.6
0.801	180.3
0.747	181.5
0.665	174.3
0.697	181.2
0.71	180.8
0.674	178.6

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135.6439919	18.04
135.5123672	18.03
135.7284098	18.02
135.52806	18
135.7284098	17.99
135.4983288	17.97
135.4661321	17.95
135.5960285	17.95
135.4457063	17.95
135.4463252	17.93
135.4704656	17.93
135.458704	17.92
135.4622116	17.91
135.9024875	17.91
135.564413	17.92
135.5745369	17.9
135.52806	17.88
135.6570213	17.86
135.7439374	17.85
135.6439919	17.82
136.1185285	17.82
136.2684311	17.82
136.4626721	17.81
136.0270567	17.83
137.171973	17.84
135.8831963	17.83
138.4202926	17.84
138.6276173	17.83
138.0751192	17.81
135.5960285	17.8
135.4919297	17.8
135.7284098	17.78
135.4859439	17.77
135.9024875	17.75
135.4488008	17.75
136.5523328	17.75
137.5349652	17.77
136.6778973	17.78
139.0645196	17.8
135.8643244	17.81
135.5123672	17.83
135.4661321	17.83
135.5850754	17.84
135.4556091	17.83
135.452927	17.85
135.452927	17.85
136.3491176	17.87
135.4473567	17.88
135.4457063	17.9
135.5547035	17.9

1.105	182.2	135.4803714	18.2	1.393	177.1	135.7439374
1.105	182.8	135.5200067	18.18	1.338	177.8	135.6439919
1.102	184.8	135.759882	18.16	1.383	178.2	135.5960285
1.137	185.9	135.9628798	18.15	1.384	176.2	135.9024875
1.116	184.1	135.6570213	18.13	1.364	179.8	135.4704656
1.16	184.2	135.6704665	18.12	1.305	177.5	135.6843278
1.049	186.6	136.1185285	18.1	1.36	180.2	135.4556091
1.035	186.1	136.0052434	18.08	1.373	180.2	135.4556091
1.138	188.3	136.5830783	18.08	1.526	178.9	135.52806
1.243	185.1	135.8102214	18.08	1.411	180.1	135.458704
1.179	186.4	136.0719483	18.06	1.365	179.9	135.4661321
1.167	186.5	136.0950271	18.05	1.406	180.6	135.4473567
1.136	187.3	136.2949008	18.05	1.324	179	135.5200067
1.154	188.3	136.5830783	18.04	1.305	180.1	135.458704
1.136	194.1	139.1212357	18.04	1.497	184	135.6439919
1.225	187.7	136.4050401	18.06	1.299	181.5	135.452927
0.97	186.7	136.1424529	18.04	1.134	179	135.5200067
1.111	186.9	136.1915717	18.02	1.243	180.1	135.458704
0.983	186.5	136.0950271	17.99	1.287	178.5	135.564413
1.052	184.2	135.6704665	17.98	1.239	179.1	135.5123672
1.049	191.4	137.7521729	17.96	1.28	181.9	135.4661321
1.002	190.2	137.249547	17.95	1.375	183.1	135.5454083
1.108	196.6	140.6945686	17.95	1.331	184.7	135.7439374
1.144	196.1	140.355632	17.95	1.378	186.5	136.0950271
1.298	194.1	139.1212357	17.97	1.465	185	135.7930238
1.029	200.8	144.0468045	17.98	1.255	187	136.2167669
1.2	194.9	139.5919783	17.97	1.298	186	135.9838512
1.098	200.4	143.6871825	17.98	1.339	187.5	136.3491176
0.905	196.1	140.355632	17.96	1.211	186.6	136.1185285
1.073	195.4	139.9016992	17.93	1.213	185.8	135.9423289
1.118	197.6	141.4098131	17.93	1.346	184.5	135.7132992
0.977	188.6	136.6778973	17.92	1.327	183.2	135.5547035
0.936	189.6	137.0220917	17.9	1.229	180.5	135.4488008
0.951	192	138.0276292	17.89	1.236	183.4	135.5745369
1.023	194	139.0645196	17.87	1.22	185.4	135.8643244
1.21	191.2	137.6639493	17.86	1.333	180.6	135.4473567
1.13	194.2	139.1784222	17.88	1.273	186	135.9838512
1.102	197.8	141.5589225	17.89	1.355	187.2	136.2684311
1.067	201.6	144.7927354	17.9	1.254	188.8	136.743267
1.048	197.5	141.3360215	17.91	1.215	190.5	137.3692134
1.165	196.6	140.6945686	17.91	1.34	184.9	135.7762441
1.019	190.3	137.2889944	17.93	1.289	181.9	135.4661321
0.988	183.2	135.5547035	17.92	1.277	178.2	135.5960285
1.047	185.2	135.8278372	17.92	1.267	179.4	135.4919297
0.942	189.4	136.949775	17.9	1.139	180.1	135.458704
0.958	191.4	137.7521729	17.91	1.189	181.2	135.4473567
0.96	190.7	137.4512019	17.91	1.205	179.3	135.4983288
1.036	184.6	135.7284098	17.91	1.049	178.1	135.6073966
0.99	187.7	136.4050401	17.92	1.176	181.2	135.4473567
0.77	188.9	136.7766005	17.92	1.101	179.8	135.4704656
0.966	186.2	136.0270567	17.92	1.117	183.5	135.5850754

18.28	1.61	186.5	136.0950271	135.6261933	Yes
18.27	1.566	185.2	135.8278372	135.9484264	Yes
18.25	1.569	183.7	135.6073966	135.9282113	Yes
18.24	1.621	184.2	135.6704665	136.2928228	Yes
18.22	1.45	185.8	135.9423289	135.5260869	Yes
18.2	1.6	185.5	135.8831963	135.8650174	Yes
18.18	1.431	185.2	135.8278372	135.8986208	Yes
18.16	1.467	188.2	136.5523328	135.8054714	Yes
18.17	1.617	184.6	135.7284098	137.2607971	Yes
18.17	1.639	185.2	135.8278372	136.5316307	Yes
18.15	1.781	188.3	136.5830783	136.4703976	Yes
18.14	1.63	187.5	136.3491176	136.0462056	Yes
18.14	1.485	186.6	136.1185285	135.8143657	Yes
18.12	1.567	187.3	136.2949008	136.1407248	Yes
18.12	1.573	191.9	137.9805921	138.1911698	Yes
18.13	1.64	188.9	136.7766005	136.0250694	Yes
18.12	1.448	186.7	136.1424529	136.0556779	Yes
18.09	1.412	187	136.2167669	135.8487757	Yes
18.07	1.549	186.9	136.1915717	135.9375259	Yes
18.05	1.521	187.5	136.3491176	136.4018434	Yes
18.03	1.446	190.1	137.21054	136.8206474	Yes
18.02	1.432	191.9	137.9805921	136.3514035	Yes
18.02	1.451	193.1	138.5750946	138.0002868	Yes
18.01	1.546	194.6	139.411891	139.9329149	Yes
18.05	1.768	194.2	139.1784222	137.7107539	Yes
18.05	1.5	195.8	140.1581671	139.4813178	Yes
18.05	1.624	193.9	139.008273	140.668631	Yes
18.05	1.473	195.9	140.2234999	140.405184	Yes
18.03	1.358	192.5	138.2696225	141.8128383	Yes
18	1.501	192.7	138.3696112	138.3476478	Yes
18	1.506	193.3	138.6806025	137.917909	Yes
17.99	1.307	189.9	137.1338452	136.9224048	Yes
17.97	1.441	187.8	136.4336422	136.0735824	Yes
17.96	1.356	190.2	137.249547	136.8644303	Yes
17.94	1.349	190.2	137.249547	137.9162352	Yes
17.94	1.683	187.9	136.4626721	136.9346322	Yes
17.96	1.559	191.7	137.8878733	138.413816	Yes
17.98	1.482	194.9	139.5919783	140.1845679	Yes
17.98	1.489	197.1	141.0459134	140.9975476	Yes
17.99	1.499	196.6	140.6945686	139.6860998	Yes
17.99	1.653	196	140.2893212	138.6476218	Yes
18.01	1.402	187	136.2167669	137.0741141	Yes
17.99	1.463	185.2	135.8278372	136.1034553	Yes
17.98	1.466	186.2	136.0270567	136.0484592	Yes
17.97	1.381	189.3	136.9142707	136.5710952	Yes
17.98	1.497	189.3	136.9142707	136.7555169	Yes
17.98	1.355	188.2	136.5523328	136.1548061	Yes
17.98	1.441	186.4	136.0719483	136.1676598	Yes
17.99	1.361	189	136.810367	135.9707079	Yes
17.99	1.221	186.7	136.1424529	136.1429935	Yes
17.99	1.242	188.7	136.7103661	136.3715559	Yes

7/27/2019	6:24	17.71	0.443
7/27/2019	6:25	17.7	0.46
7/27/2019	6:26	17.69	0.345
7/27/2019	6:27	17.67	0.429
7/27/2019	6:28	17.66	0.399
7/27/2019	6:29	17.64	0.406
7/27/2019	6:30	17.64	0.492
7/27/2019	6:31	17.64	0.537
7/27/2019	6:32	17.65	0.537
7/27/2019	6:33	17.66	0.463
7/27/2019	6:34	17.66	0.537
7/27/2019	6:35	17.68	0.485
7/27/2019	6:36	17.7	0.556
7/27/2019	6:37	17.72	0.668
7/27/2019	6:38	17.75	0.453
7/27/2019	6:39	17.76	0.622
7/27/2019	6:40	17.78	0.617
7/27/2019	6:41	17.82	0.54
7/27/2019	6:42	17.87	0.633
7/27/2019	6:43	17.95	0.682
7/27/2019	6:44	18.04	0.651
7/27/2019	6:45	18.14	0.726
7/27/2019	6:46	18.23	0.732
7/27/2019	6:47	18.33	0.66
7/27/2019	6:48	18.43	0.706
7/27/2019	6:49	18.51	0.539
7/27/2019	6:50	18.59	0.557
7/27/2019	6:51	18.68	0.555
7/27/2019	6:52	18.76	0.588
7/27/2019	6:53	18.84	0.628
7/27/2019	6:54	18.91	0.859
7/27/2019	6:55	19	0.679
7/27/2019	6:56	19.05	0.718
7/27/2019	6:57	19.11	1.034
7/27/2019	6:58	19.17	0.79
7/27/2019	6:59	19.24	0.876
7/27/2019	7:00	19.29	0.763
7/27/2019	7:01	19.36	0.618
7/27/2019	7:02	19.44	0.598
7/27/2019	7:03	19.52	0.555
7/27/2019	7:04	19.58	0.677
7/27/2019	7:05	19.64	0.811
7/27/2019	7:06	19.71	0.912
7/27/2019	7:07	19.79	0.638
7/27/2019	7:08	19.85	1.101
7/27/2019	7:09	19.9	0.779
7/27/2019	7:10	19.96	0.833
7/27/2019	7:11	20	0.948
7/27/2019	7:12	20.05	1.018
7/27/2019	7:13	20.08	0.781
7/27/2019	7:14	20.12	1.005

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186.8	136.1668004	17.75
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183.4	135.5745369	17.77
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195	139.6529623	17.87
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194.2	139.1784222	17.98
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190	137.171973	18.5
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190.1	137.21054	19.63
190	137.171973	19.69
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189.1	136.8445673	19.79
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187.8	136.4336422	20.67

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0.878	183.1
0.889	178
0.749	180.9
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1.228	186.8
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1.419	182.6
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1.296	188.2
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1.504	185.9
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1.484	175.9

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136.0719483	17.83
137.3692134	17.81
135.7930238	17.78
135.9628798	17.78
135.6313781	17.79
135.5454083	17.8
135.6191797	17.81
135.4455	17.81
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135.5454083	17.85
136.0719483	17.89
135.4803714	17.92
135.8278372	17.94
135.9838512	17.96
135.4661321	18
135.52806	18.06
135.564413	18.17
135.5547035	18.28
135.4473567	18.41
135.4506575	18.51
136.6142539	18.62
135.5365272	18.72
135.6704665	18.8
136.7766005	18.87
135.4859439	18.95
136.743267	19.03
135.5745369	19.09
135.5850754	19.16
135.4859439	19.22
135.4473567	19.26
135.4983288	19.31
135.4983288	19.36
135.7762441	19.41
135.5960285	19.45
135.475212	19.51
135.5365272	19.6
136.1668004	19.66
135.9221983	19.71
135.5745369	19.77
135.5051412	19.84
136.0270567	19.92
135.6313781	19.99
136.7766005	20.03
136.5523328	20.07
136.8445673	20.1
135.9628798	20.15
140.6945686	20.2
135.9628798	20.25

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0.889	183	135.5365272	17.88	1.074	179.9	135.4661321
0.757	187.5	136.3491176	17.86	0.9	180.3	135.452927
0.871	194.6	139.411891	17.83	1.031	183.7	135.6073966
0.84	194.1	139.1212357	17.81	1.087	185.1	135.8102214
0.918	188.5	136.6458601	17.8	1.119	184.5	135.7132992
1.094	182	135.4704656	17.79	1.233	175.6	136.0270567
0.976	190.8	137.4928614	17.8	1.246	181.2	135.4473567
1.065	191.6	137.8421902	17.82	1.445	182.1	135.475212
1.022	185.3	135.8458714	17.83	1.404	178.1	135.6073966
0.993	189.9	137.1338452	17.83	1.239	179.4	135.4919297
1.052	185.1	135.8102214	17.85	1.235	178.4	135.5745369
0.993	185.4	135.8643244	17.87	1.349	178.8	135.5365272
1.253	186.2	136.0270567	17.9	1.359	175.8	135.9838512
0.994	188.4	136.6142539	17.93	1.467	180.4	135.4506575
1.131	181.8	135.4622116	17.95	1.239	176.6	135.8278372
1.237	181.9	135.4661321	17.97	1.224	175.6	136.0270567
1.046	187.5	136.3491176	18	1.327	179.9	135.4661321
1.28	187.7	136.4050401	18.05	1.274	181.8	135.4622116
1.365	187.1	136.2423866	18.14	1.732	180.7	135.4463252
1.233	187.7	136.4050401	18.23	1.522	180	135.4622116
1.545	188.9	136.7766005	18.32	1.668	180.9	135.4455
1.318	190.7	137.4512019	18.4	1.679	181.7	135.458704
1.386	183.5	135.5850754	18.48	1.496	175.6	136.0270567
1.474	186.1	136.0052434	18.56	1.798	180.7	135.4463252
1.159	187.1	136.2423866	18.62	1.458	182.5	135.4983288
1.036	195.2	139.7763685	18.66	1.41	186.5	136.0950271
1.108	186.9	136.1915717	18.71	1.461	179.4	135.4919297
1.199	194.3	139.23608	18.77	1.393	185.9	135.9628798
1.326	189.1	136.8445673	18.82	1.679	180.7	135.4463252
1.786	184.4	135.6986053	18.89	1.732	179.7	135.475212
1.305	187.1	136.2423866	18.96	1.618	180.8	135.4457063
1.39	188.2	136.5523328	18.99	1.836	179.4	135.4919297
1.834	187.7	136.4050401	19.05	2.08	180.6	135.4473567
1.608	187.7	136.4050401	19.1	1.82	180.3	135.452927
1.66	184.1	135.6570213	19.15	2.034	178	135.6191797
1.68	192.8	138.4202926	19.19	2.012	182.7	135.5123672
1.349	186.2	136.0270567	19.23	1.488	183	135.5365272
1.41	190.4	137.328883	19.3	1.771	182	135.4704656
1.357	192.3	138.1714606	19.36	1.72	183.6	135.5960285
1.479	192.7	138.3696112	19.41	1.909	183.6	135.5960285
1.68	189.2	136.8792016	19.47	1.926	181.7	135.458704
1.665	192.4	138.2203136	19.56	1.978	182.2	135.4803714
1.354	190.3	137.2889944	19.63	1.534	183.5	135.5850754
2.029	192.2	138.1230627	19.69	2.268	184.1	135.6570213
1.617	192.9	138.471433	19.73	1.921	184.6	135.7284098
1.558	196	140.2893212	19.77	2.017	186.4	136.0719483
1.807	198.5	142.096964	19.79	2.082	186.7	136.1424529
1.839	193.6	138.8423412	19.85	2.125	183.1	135.5454083
1.561	199.2	142.6604859	19.9	1.989	191.6	137.8421902
1.873	185.7	135.9221983	19.96	2.218	177.9	135.6313781

17.97	1.139	185.9	135.9628798	136.1338661	Yes
17.95	1.175	185.4	135.8643244	136.1087488	Yes
17.92	0.967	187.4	136.3217962	136.2067288	Yes
17.89	1.147	192.5	138.2696225	138.4379304	Yes
17.87	1.194	194.1	139.1212357	138.8448834	Yes
17.86	1.372	191.9	137.9805921	137.7865757	Yes
17.86	1.6	184.4	135.6986053	135.7339035	Yes
17.87	1.44	187.3	136.2949008	136.1845991	Yes
17.89	1.459	190.4	137.328883	137.0392551	Yes
17.9	1.445	185.7	135.9221983	135.6617462	Yes
17.89	1.45	187.9	136.4626721	136.5013205	Yes
17.9	1.464	185.7	135.9221983	135.6125433	Yes
17.92	1.514	185.9	135.9628798	136.1525523	Yes
17.96	1.64	183.1	135.5454083	136.9339546	Yes
17.98	1.511	188.2	136.5523328	136.8460189	Yes
17.99	1.487	184	135.6439919	135.6416717	Yes
18.01	1.79	184.4	135.6986053	135.7455453	Yes
18.05	1.63	187.1	136.2423866	136.614951	Yes
18.11	1.644	190.2	137.249547	136.2013245	Yes
18.2	1.826	187	136.2167669	135.8549813	Yes
18.29	1.77	186.9	136.1915717	136.4733471	Yes
18.38	1.964	188.7	136.7103661	136.2103575	Yes
18.46	1.843	190	137.171973	137.4987016	Yes
18.54	1.838	183.5	135.5850754	136.1237043	Yes
18.63	1.927	186	135.9838512	135.8012157	Yes
18.68	1.594	189.2	136.8792016	135.8235945	Yes
18.73	1.361	191.9	137.9805921	138.4234774	Yes
18.79	1.43	186.6	136.1185285	135.7991255	Yes
18.85	1.529	194.3	139.23608	137.4235999	Yes
18.9	1.816	188.9	136.7766005	136.6232617	Yes
18.97	2.23	185.6	135.9024875	135.6856859	Yes
19.03	1.805	188	136.4921301	136.1878877	Yes
19.07	2.013	188.4	136.6142539	136.1755398	Yes
19.13	2.419	188.9	136.7766005	136.1306746	Yes
19.18	2.074	186.8	136.1668004	135.7711764	Yes
19.24	2.163	184.4	135.6986053	135.9742531	Yes
19.27	2.325	191.8	137.9340071	137.3575969	Yes
19.33	1.781	188.3	136.5830783	136.7193972	Yes
19.39	1.869	189.6	137.0220917	136.4571843	Yes
19.46	1.771	189.7	137.0589052	137.2078686	Yes
19.51	1.892	191	137.577514	136.83476	Yes
19.58	2.228	190.1	137.21054	136.1892524	Yes
19.66	2.177	190.4	137.328883	138.4052784	Yes
19.73	1.765	190.5	137.3692134	137.3646599	Yes
19.78	2.513	194.9	139.5919783	136.4134622	Yes
19.82	2.149	191.9	137.9805921	137.0088371	Yes
19.86	2.145	196.4	140.557513	138.1263951	Yes
19.89	2.258	195.1	139.7144254	138.9274443	Yes
19.96	2.271	189.2	136.8792016	137.5317495	Yes
20.01	2.25	198.9	142.4158267	139.818091	Yes
20.05	2.556	186.4	136.0719483	135.9875246	Yes

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7/27/2019	7:17	20.22	0.997
7/27/2019	7:18	20.26	0.823
7/27/2019	7:19	20.33	0.962
7/27/2019	7:20	20.38	1.037
7/27/2019	7:21	20.4	0.947
7/27/2019	7:22	20.44	0.948
7/27/2019	7:23	20.46	0.763
7/27/2019	7:24	20.52	0.825
7/27/2019	7:25	20.6	0.728
7/27/2019	7:26	20.68	0.761
7/27/2019	7:27	20.75	0.853
7/27/2019	7:28	20.79	0.995
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7/27/2019	7:30	20.92	0.846
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7/27/2019	8:05	22.1	0.951

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1.385	197.2
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1.216	198.8
1.204	193.6
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1.204	194.6
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1.456	195.2
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141.1176841	20.51
138.5750946	20.56
142.3353263	20.62
138.8423412	20.68
137.0961561	20.73
135.7132992	20.76
135.8643244	20.81
136.1424529	20.87
138.2203136	20.94
137.577514	20.97
139.411891	20.96
138.2696225	21.01
139.1212357	21.02
141.1899582	21.01
140.4224336	21.01
138.7879636	21.07
142.9099119	21.08
142.9099119	21.08
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139.8387928	21.29
153.1182603	21.35
142.25535	21.37
141.786421	21.44
142.0185516	21.43
140.4897269	21.41
137.8421902	21.41
138.0276292	21.47
141.0459134	21.54
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138.2696225	21.77
141.1899582	21.75
141.484113	21.8
140.557513	21.86
137.9340071	21.94
142.7430964	21.96
136.3491176	21.95

1.884	187.9	136.4626721	20.02	2.064	179	135.5200067
1.841	202.7	145.8778326	20.03	2.221	190.3	137.2889944
2.144	204.3	147.5835656	20.03	2.544	191.6	137.8421902
1.603	196.2	140.4224336	20.05	1.83	187.8	136.4336422
1.83	193.3	138.6806025	20.1	2.08	183.5	135.5850754
1.909	187.3	136.2949008	20.16	1.996	181	135.4457063
1.989	194.7	139.4714437	20.17	2.202	188.9	136.7766005
1.948	196.4	140.557513	20.2	2.234	187.6	136.3768654
1.63	201.5	144.6975271	20.2	2.017	191.8	137.9340071
1.749	193.8	138.952495	20.25	1.96	188.4	136.6142539
1.444	198.8	142.3353263	20.29	1.739	190.8	137.4928614
1.527	198.1	141.786421	20.33	1.733	189.6	137.0220917
1.766	198.7	142.25535	20.36	2.184	187.3	136.2949008
1.875	189	136.810367	20.39	2.179	180.4	135.4506575
1.69	190.3	137.2889944	20.45	2.069	183	135.5365272
1.601	192.9	138.471433	20.51	1.839	185	135.7930238
1.494	199.3	142.7430964	20.56	1.808	189.4	136.949775
2.034	196.9	140.9038772	20.59	2.404	189.2	136.8792016
1.633	200.7	143.9560723	20.59	1.848	191.6	137.8421902
1.53	201.4	144.6028841	20.61	1.846	190.4	137.328883
1.912	200.7	143.9560723	20.64	2.357	193.2	138.6276173
1.896	205.2	148.6120398	20.64	2.297	195.1	139.7144254
1.74	201.4	144.6028841	20.65	2.082	192.3	138.1714606
1.848	198.5	142.096964	20.69	1.934	191.9	137.9805921
2.168	208	152.1495751	20.71	2.549	198.8	142.3353263
1.459	205.7	149.2056183	20.72	1.695	197.4	141.262737
1.493	196.5	140.6257933	20.83	1.737	189.3	136.9142707
1.59	200.8	144.0468045	20.9	1.934	193.3	138.6806025
1.558	210.9	156.3989918	20.94	1.934	203.3	146.4994658
1.425	201.3	144.5088047	20.99	1.68	198.5	142.096964
1.754	204.3	147.5835656	21.03	2.07	198.2	141.8632814
1.801	203	146.1859844	21.03	2.21	195.3	139.8387928
2.202	203.7	146.9258206	21.02	2.48	194.1	139.1212357
2.029	200.1	143.4232201	21.04	2.499	190.2	137.249547
1.814	200.2	143.5106627	21.08	2.137	191.6	137.8421902
1.493	198.6	142.1758963	21.15	1.883	194.4	139.2942101
1.688	191.8	137.9340071	21.26	2.148	188.2	136.5523328
2.107	194	139.0645196	21.32	2.536	187.9	136.4626721
2.065	204.1	147.3618674	21.26	2.447	197.6	141.4098131
1.861	203.1	146.2898835	21.26	2.179	193.6	138.8423412
2.103	198.9	142.4158267	21.3	2.612	191.4	137.7521729
2.245	197.5	141.3360215	21.29	2.726	190.5	137.3692134
1.926	199.2	142.6604859	21.3	2.305	194.6	139.411891
1.992	204	147.2519401	21.36	2.255	194.4	139.2942101
2.269	201.6	144.7927354	21.38	2.291	194.2	139.1784222
2.168	200.4	143.6871825	21.38	2.667	193.9	139.008273
1.811	204	147.2519401	21.43	2.095	197.5	141.3360215
1.707	201.9	145.0817692	21.48	2.266	195.8	140.1581671
1.88	200.6	143.8658923	21.54	2.132	192.9	138.471433
2.149	206.9	150.6969261	21.55	2.701	199	142.4968525
2.083	195	139.6529623	21.55	2.424	190.4	137.328883

20.1	2.417	191.3	137.7078372	136.9154469	Yes
20.11	2.397	201.4	144.6028841	141.5893637	Yes
20.12	2.768	201.9	145.0817692	143.3756702	Yes
20.15	2.063	195.8	140.1581671	137.815823	Yes
20.19	2.465	196	140.2893212	137.3092077	Yes
20.23	2.451	189.2	136.8792016	135.8674353	Yes
20.24	2.591	195.6	140.0289626	139.7306165	Yes
20.27	2.716	195.8	140.1581671	139.0000239	Yes
20.27	2.09	201.9	145.0817692	141.1109467	Yes
20.31	2.293	196.3	140.4897269	137.9624202	Yes
20.34	1.953	198.9	142.4158267	141.5525796	Yes
20.39	1.846	195.9	140.2234999	138.8396728	Yes
20.44	2.382	198.3	141.9406579	138.983932	Yes
20.48	2.476	191.1	137.6205085	136.1711725	Yes
20.54	2.309	191.7	137.8878733	136.6105047	Yes
20.61	2.006	193.9	139.008273	137.3820364	Yes
20.64	1.946	200.7	143.9560723	139.8493245	Yes
20.66	2.882	197.5	141.3360215	138.8473889	Yes
20.65	2.142	199.2	142.6604859	141.4769201	Yes
20.69	2.158	201.9	145.0817692	142.0305356	Yes
20.71	2.546	202.5	145.6753339	141.1537093	Yes
20.71	2.481	205.1	148.4952449	143.8231786	Yes
20.72	2.302	201.3	144.5088047	141.7656676	Yes
20.76	2.377	205.1	148.4952449	139.6918047	Yes
20.77	2.909	207.1	150.9548471	147.9897131	Yes
20.78	1.983	208.5	152.8379067	144.4483886	Yes
20.89	1.836	197.4	141.262737	138.4980223	Yes
20.96	2.107	203	146.1859844	141.1073703	Yes
21.01	2.07	211.8	157.8499471	153.846121	Yes
21.05	1.936	206.3	149.9393426	143.7617758	Yes
21.07	2.422	207.9	152.0140384	143.7973351	Yes
21.06	2.489	205.9	149.4475739	143.4802904	Yes
21.05	2.941	205.9	149.4475739	142.4039116	Yes
21.07	2.863	200.4	143.6871825	140.4628194	Yes
21.12	2.332	203	146.1859844	140.7009256	Yes
21.2	2.079	204.5	147.8077356	141.48481	Yes
21.31	2.428	195.4	139.9016992	137.8366738	Yes
21.35	2.938	197.2	141.1176841	137.4037688	Yes
21.28	2.886	206.8	150.5689831	143.2052686	Yes
21.3	2.477	201.6	144.7927354	143.4687126	Yes
21.36	2.878	201.1	144.3223303	140.8060952	Yes
21.35	3.139	199.4	142.8262379	140.1728786	Yes
21.34	2.633	201.4	144.6028841	141.0441897	Yes
21.4	2.666	204	147.2519401	142.4678236	Yes
21.42	2.945	204.5	147.8077356	142.3186747	Yes
21.41	3.109	202.1	145.2773166	142.1457352	Yes
21.45	2.46	205.2	148.6120398	145.1922502	Yes
21.5	2.499	205.1	148.4952449	142.3934281	Yes
21.56	2.541	201.8	144.9848547	140.8803236	Yes
21.57	3.032	208.1	152.2858181	147.1243271	Yes
21.57	2.803	198.9	142.4158267	138.2924389	Yes

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7/27/2019	8:07	22.15	0.944
7/27/2019	8:08	22.12	1.059
7/27/2019	8:09	22.15	0.934
7/27/2019	8:10	22.2	1.205
7/27/2019	8:11	22.21	0.786
7/27/2019	8:12	22.23	0.993
7/27/2019	8:13	22.21	0.962
7/27/2019	8:14	22.27	0.838
7/27/2019	8:15	22.31	0.996
7/27/2019	8:16	22.34	0.674
7/27/2019	8:17	22.44	0.857
7/27/2019	8:18	22.48	0.94
7/27/2019	8:19	22.53	0.899
7/27/2019	8:20	22.6	0.742
7/27/2019	8:21	22.66	1.006
7/27/2019	8:22	22.68	0.824
7/27/2019	8:23	22.79	1.002
7/27/2019	8:24	22.8	0.91
7/27/2019	8:25	22.8	0.812
7/27/2019	8:26	22.8	0.933
7/27/2019	8:27	22.87	0.798
7/27/2019	8:28	22.86	1.034
7/27/2019	8:29	22.85	1.017
7/27/2019	8:30	22.88	0.795
7/27/2019	8:31	22.98	0.932
7/27/2019	8:32	23.08	1.17
7/27/2019	8:33	23.17	0.744
7/27/2019	8:34	23.17	0.926
7/27/2019	8:35	23.19	0.805
7/27/2019	8:36	23.31	0.633
7/27/2019	8:37	23.43	0.864
7/27/2019	8:38	23.48	0.957
7/27/2019	8:39	23.46	0.767
7/27/2019	8:40	23.56	0.739
7/27/2019	8:41	23.63	0.877
7/27/2019	8:42	23.61	0.957
7/27/2019	8:43	23.59	0.746
7/27/2019	8:44	23.7	0.942
7/27/2019	8:45	23.72	0.911
7/27/2019	8:46	23.73	0.967
7/27/2019	8:47	23.74	1.029
7/27/2019	8:48	23.71	0.728
7/27/2019	8:49	23.77	0.924
7/27/2019	8:50	23.8	0.561
7/27/2019	8:51	23.85	0.867
7/27/2019	8:52	23.92	0.737
7/27/2019	8:53	24.03	0.903
7/27/2019	8:54	23.98	0.802
7/27/2019	8:55	24.04	0.625
7/27/2019	8:56	24.11	0.75

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216.8	167.2080708	22.85
219.9	174.2857928	22.89
202.2	145.3759529	22.9
216.8	167.2080708	23
213.9	161.5002424	23.06
222.6	181.4071437	23.12
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216	165.5509953	23.35
215.2	163.9580918	23.39
204.3	147.5835656	23.54
215.9	165.3484246	23.56
218.2	170.2702897	23.55
211.2	156.8753741	23.57
214	161.6837458	23.62
218.3	170.4972397	23.61
214.8	163.184934	23.57
214.3	162.2397397	23.58
213.8	161.3176459	23.68
204.4	147.6953406	23.77
209	153.5442409	23.88
231.4	183.0874794	23.87
215.1	163.7633675	23.85
217.3	168.2774801	23.98
206.9	150.6969261	24.09
231.2	183.6169505	24.13
213.7	161.1359522	24.05
212	158.1813694	24.16
214.2	162.0534901	24.24
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224	185.5005447	24.12
211.2	156.8753741	24.22
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218.8	171.6490075	24.27
222.6	181.4071437	24.28
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210.6	155.9297559	24.31
220.9	176.811543	24.38
208.3	152.5604335	24.47
215.7	164.946271	24.6
225.2	189.2509084	24.53
220.4	175.5328989	24.62
222.4	180.8458047	24.7

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1.189	210.5
1.642	215.5
1.601	203.1
1.322	210.4
1.424	215
1.555	200.1
1.385	208.6
1.636	198.2
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1.689	202.9
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1.998	204.6
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1.205	208.7
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1.799	190.4
1.317	200.2
1.423	223.6
1.185	206.8
1.189	206.1
1.509	201.3
1.636	224.3
1.126	207.5
1.257	203.2
1.608	209.9
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1.457	208.1
1.529	194.4
1.715	205
1.608	200.2
1.735	209.5
1.372	214.9
1.704	202.6
1.46	203
1.639	208.6
1.301	201
1.882	198.8
1.78	212.8
1.308	202.5
1.514	209.5

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140.6257933	22.02
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144.9848547	22.08
143.0788632	22.12
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146.2898835	22.19
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141.8632814	22.47
152.1495751	22.52
142.8262379	22.63
147.0339187	22.71
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153.1182603	22.95
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151.4788997	23.46
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142.3353263	23.99
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145.6753339	24.03
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1.845	205.5	148.9662571	21.61	2.39	198.4	142.0185516
1.768	207.2	151.0848301	21.61	2.164	198.6	142.1758963
1.693	209.6	154.4161117	21.7	2.191	203.3	146.4994658
2.195	206.6	150.3151193	21.74	2.6	200.5	143.7762629
1.504	213.4	160.5962459	21.78	1.833	207.9	152.0140384
1.883	218.8	171.6490075	21.85	2.47	212.8	159.540656
1.713	207.9	152.0140384	21.85	2.282	202.8	145.9799608
1.685	218.1	170.0444603	21.92	1.963	213.7	161.1359522
1.813	220.9	176.811543	21.97	2.232	215.3	164.1537804
1.435	205.3	148.729472	22	2.257	201.9	145.0817692
1.545	213.2	160.24088	22.05	2.097	209.1	153.6876994
1.799	208	152.1495751	22.13	2.27	199.8	143.1641434
1.663	214.1	161.8681603	22.18	1.969	210.3	155.4675767
1.398	204.5	147.8077356	22.27	1.739	199.2	142.6604859
1.869	213.1	160.0645165	22.35	2.285	204.8	148.1486618
1.545	207.5	151.4788997	22.39	2.043	201.9	145.0817692
1.938	202.2	145.3759529	22.46	2.303	198.8	142.3353263
1.784	209.3	153.9768314	22.5	2.18	204.3	147.5835656
1.573	217.4	168.49455	22.51	1.934	210.3	155.4675767
1.902	212.4	158.8542338	22.55	2.354	204.1	147.3618674
1.564	207.5	151.4788997	22.55	1.92	205.6	149.0856146
2.213	213.5	160.7752562	22.59	2.639	207	150.8255466
1.872	212.9	159.7144084	22.57	2.243	207.1	150.9548471
1.527	215.1	163.7633675	22.61	1.986	209.2	153.8318952
1.877	205.6	149.0856146	22.71	2.187	200.7	143.9560723
2.241	200.8	144.0468045	22.73	2.754	192.6	138.3193881
1.654	208.7	153.1182603	22.74	2.087	204.1	147.3618674
1.58	230.3	186.0662962	22.82	2.024	227.8	193.4841124
1.592	213.2	160.24088	22.89	1.809	207.5	151.4788997
1.517	213.4	160.5962459	22.97	1.771	209	153.5442409
1.708	209.1	153.6876994	23.06	2.311	201.7	144.8885107
1.831	232.3	180.7691609	23.1	2.482	225.7	190.8837175
1.403	212.4	158.8542338	23.1	1.624	205.8	149.3262707
1.593	210.5	155.7749165	23.19	1.832	206.2	149.8154124
1.761	213.1	160.0645165	23.26	2.418	208.9	153.4015168
1.765	219.3	172.8296935	23.21	2.462	214.4	162.4269132
1.673	215.4	164.3504379	23.23	2.249	209.3	153.9768314
1.989	204.2	147.4724086	23.28	2.205	199.6	142.9941199
1.992	212.9	159.7144084	23.26	2.446	207.2	151.0848301
1.89	210.2	155.3150699	23.28	2.332	204	147.2519401
2.169	216.1	165.7545685	23.28	2.652	210.9	156.3989918
1.56	223.8	184.8977039	23.33	2.01	219.2	172.5912057
2.201	210.3	155.4675767	23.38	2.526	203.1	146.2898835
1.514	212.2	158.5161218	23.38	2.109	205.4	148.8475437
1.948	215.4	164.3504379	23.43	2.459	208.1	152.2858181
1.555	203.7	146.9258206	23.55	1.836	198.9	142.4158267
2.066	204.8	148.1486618	23.61	2.751	198.3	141.9406579
1.82	220.9	176.811543	23.58	2.483	212.5	159.0245589
1.472	210.6	155.9297559	23.68	1.937	207.9	152.0140384
1.67	217.8	169.3736382	23.69	2.158	210.5	155.7749165

21.62	3.038	199.3	142.7430964	138.9116903	Yes
21.63	2.751	207.4	151.3468538	144.0298517	Yes
21.63	2.381	207.9	152.0140384	147.6155251	Yes
21.74	2.28	210.6	155.9297559	151.7590961	Yes
21.78	2.912	208.5	152.8379067	148.7550481	Yes
21.82	2.007	213.6	160.955157	157.6562351	Yes
21.87	2.749	221.8	179.1954466	168.0084943	Yes
21.85	2.493	212.1	158.3483275	151.0870998	Yes
21.94	2.188	220.3	175.2809825	163.5023353	Yes
21.97	2.673	221.8	179.1954466	169.7051797	Yes
21.99	2.236	208.9	153.4015168	145.6526035	Yes
22.05	2.423	215.3	164.1537804	158.5285931	Yes
22.14	2.48	210.6	155.9297559	149.6693106	Yes
22.17	2.379	218.1	170.0444603	162.7231139	Yes
22.28	2.133	208.4	152.6988115	147.7861016	Yes
22.34	2.697	215.4	164.3504379	155.1995231	Yes
22.38	2.156	207	150.8255466	151.0514858	Yes
22.46	2.754	206.6	150.3151193	143.4938618	Yes
22.49	2.617	212.1	158.3483275	153.1966635	Yes
22.51	2.129	219	172.1177686	162.1991139	Yes
22.54	2.637	212.2	158.5161218	152.2935382	Yes
22.55	2.154	212.1	158.3483275	151.8082787	Yes
22.58	2.966	214.9	163.3767931	157.5046988	Yes
22.56	2.585	215.4	164.3504379	156.5692399	Yes
22.6	2.257	216.6	166.7876462	158.2383157	Yes
22.7	2.582	208.9	153.4015168	149.1140742	Yes
22.72	3.18	203.9	147.1426245	141.847604	Yes
22.75	2.35	214.2	162.0534901	149.3837578	Yes
22.83	2.091	233.2	178.5523232	186.7347238	Yes
22.89	2.236	214.6	162.8040494	156.5130326	Yes
22.97	2.085	219.6	173.55231	158.0275273	Yes
23.04	2.592	210.3	155.4675767	148.4454852	Yes
23.07	2.521	233.3	178.312062	185.4215797	Yes
23.09	1.961	213.9	161.5002424	155.1988391	Yes
23.16	2.293	212.6	159.1957351	152.5415187	Yes
23.22	2.569	218.4	170.7253164	157.5954217	Yes
23.16	2.731	220.3	175.2809825	166.8893838	Yes
23.18	2.484	217.1	167.8465446	164.028408	Yes
23.23	2.804	209.7	154.5640391	146.6590282	Yes
23.21	2.979	215.8	165.1468514	156.233223	Yes
23.24	2.679	212.4	158.8542338	154.43167	Yes
23.23	3.088	217.9	169.5961403	164.4574101	Yes
23.29	2.265	223.7	184.5985921	177.772797	Yes
23.32	3.156	214.1	161.8681603	150.0581406	Yes
23.32	2.296	214.8	163.184934	152.3698514	Yes
23.38	2.673	217.1	167.8465446	161.6063803	Yes
23.5	2.173	208.5	152.8379067	146.5330032	Yes
23.57	2.901	206	149.5695304	149.3427293	Yes
23.54	2.562	219.3	172.8296935	171.1569166	Yes
23.64	2.112	212.4	158.8542338	157.2880068	Yes
23.64	2.538	218.1	170.0444603	165.065824	Yes

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7/27/2019	9:18	24.78	0.875
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7/27/2019	9:26	25.15	0.682
7/27/2019	9:27	25.26	0.853
7/27/2019	9:28	25.29	1.047
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7/27/2019	9:31	25.38	0.703
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218.3	170.4972397	25.49
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221.9	179.4670474	25.38
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154.4161117	25.21
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162.8040494	25.89

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1.934	199.2	142.6604859	23.88	2.209	195.9	140.2234999
2.194	204.1	147.3618674	23.85	2.798	196.6	140.6945686
2.169	212.9	159.7144084	23.77	2.603	208.1	152.2858181
1.826	223.5	184.0049395	23.76	2.277	216.9	167.4198452
1.575	224.2	186.1096044	23.77	1.957	217.3	168.2774801
1.252	222.4	180.8458047	23.9	1.737	216.2	165.9591491
1.42	209.7	154.5640391	24.03	1.711	205.9	149.4475739
1.874	211.5	157.3589946	24.09	2.234	206	149.5695304
1.5	212.1	158.3483275	24.1	1.979	205.7	149.2056183
1.333	208.8	153.2595242	24.19	1.772	199.6	142.9941199
1.757	210.8	156.2417902	24.29	2.337	200.2	143.5106627
1.396	215.5	164.548069	24.29	1.759	208.5	152.8379067
1.728	209.7	154.5640391	24.42	1.891	203.2	146.3943767
2.025	220.7	176.2962446	24.32	2.634	214.5	162.6150149
2.053	206.4	150.0639356	24.29	2.593	202.5	145.6753339
2.54	205.8	149.3262707	24.25	3.086	199.4	142.8262379
1.952	207.1	150.9548471	24.18	2.588	200.7	143.9560723
2.404	210.7	156.0853794	24.16	2.997	205.4	148.8475437
1.618	213.5	160.7752562	24.17	2.056	206.3	149.9393426
2.053	224.4	186.7249594	24.28	2.484	216	165.5509953
1.715	219.8	174.0400802	24.27	2.266	211.1	156.7157803
2.016	221.7	178.9252109	24.33	2.496	212	158.1813694
1.986	210.8	156.2417902	24.31	2.628	204.4	147.6953406
1.902	224.3	186.4164902	24.34	2.489	215.3	164.1537804
1.987	224.5	187.035022	24.35	2.278	217.1	167.8465446
1.707	221.5	178.3888034	24.38	2.103	214.2	162.0534901
1.628	211.8	157.8499471	24.53	1.822	202.1	145.2773166
1.901	220.8	176.5532489	24.6	2.274	215.5	164.548069
1.514	220.9	176.811543	24.62	1.895	212	158.1813694
1.917	213.6	160.955157	24.72	2.676	205.7	149.2056183
2.347	209.4	154.1225109	24.69	2.816	204	147.2519401
2.325	213.4	160.5962459	24.64	2.877	207.6	151.6116385
1.863	207.7	151.7450728	24.66	2.391	200.9	144.1380905
1.46	217.2	168.0614801	24.74	1.661	208.9	153.4015168
1.325	215.8	165.1468514	24.92	1.554	206.4	150.0639356
1.157	218.3	170.4972397	25.04	1.345	216.2	165.9591491
1.452	227	195.3347893	25.12	1.592	220.2	175.0303206
1.601	236.1	172.0452245	25.14	1.911	229.3	188.9210494
1.414	219.4	173.0693692	25.09	1.508	209.6	154.4161117
1.64	237.4	169.4174385	25.22	1.9	229.8	187.4756675
1.777	229.8	187.4756675	25.19	2.391	222.1	180.0143756
1.65	224.8	187.9748679	25.19	2.211	217.3	168.2774801
1.446	225.3	189.5740787	25.2	1.83	217.9	169.5961403
1.964	237.4	169.4174385	25.24	2.317	229.2	189.2145397
1.542	228.4	191.6169031	25.23	2.065	220.8	176.5532489
1.811	234.9	174.6252563	25.26	2.058	229.2	189.2145397
1.481	238.4	167.507983	25.31	2.109	234.8	174.8472386
1.879	212	158.1813694	25.41	1.898	203.7	146.9258206
1.749	218.4	170.7253164	25.52	2.081	211	156.5569873
2.001	220.1	174.7809062	25.57	2.523	212.6	159.1957351

23.69	2.051	204.1	147.3618674	144.6343963	Yes
23.84	2.724	203.3	146.4994658	142.5407913	Yes
23.8	3.148	204.4	147.6953406	148.0018681	Yes
23.71	3.169	216.6	166.7876462	158.5115671	Yes
23.68	2.689	222.7	181.6899539	176.4097419	Yes
23.69	2.311	223.3	183.4173207	175.4938346	Yes
23.83	1.877	223	182.5470487	171.7214804	Yes
23.96	2.23	212.8	159.540656	153.114228	Yes
24.01	2.799	214	161.6837458	153.9333298	Yes
24.04	2.263	214.5	162.6150149	154.922781	Yes
24.13	2.111	206.4	150.0639356	147.3928595	Yes
24.22	2.72	210.6	155.9297559	153.4448744	Yes
24.24	2.032	216.5	166.5789856	161.5161462	Yes
24.36	2.521	208.9	153.4015168	153.945114	Yes
24.25	2.934	222.4	180.8458047	168.9388473	Yes
24.23	3.005	209.1	153.6876994	150.3406508	Yes
24.19	3.709	207.9	152.0140384	149.2893343	Yes
24.14	3.102	210.3	155.4675767	150.1647029	Yes
24.13	3.467	213.7	161.1359522	153.1269358	Yes
24.17	2.35	213.2	160.24088	158.9064523	Yes
24.31	2.954	223.2	183.1257514	179.1435318	Yes
24.32	2.709	216.3	166.1647422	171.0282058	Yes
24.38	2.981	221.4	178.1226162	167.532807	Yes
24.36	2.984	212.6	159.1957351	155.9177402	Yes
24.39	2.725	221.3	177.8577632	175.1336394	Yes
24.4	2.795	225	188.6095808	172.8043137	Yes
24.45	2.541	221.5	178.3888034	170.2433231	Yes
24.61	2.427	212.7	159.3677662	151.2021471	Yes
24.66	2.764	222	179.7400211	171.2338437	Yes
24.71	2.15	219.2	172.5912057	165.8352203	Yes
24.78	2.975	212.7	159.3677662	159.6451397	Yes
24.72	3.392	212.8	159.540656	152.7434062	Yes
24.66	3.383	215.4	164.3504379	156.6350587	Yes
24.67	2.923	210.4	155.6208578	147.809188	Yes
24.78	2.029	213.4	160.5962459	161.2293392	Yes
25	1.905	212.7	159.3677662	158.5933943	Yes
25.15	1.583	220.4	175.5328989	164.1603468	Yes
25.21	2.071	225.8	191.2154206	177.4169404	Yes
25.2	2.255	234.4	175.7462142	181.0589119	Yes
25.16	1.902	217.3	168.2774801	162.172216	Yes
25.28	2.439	235.4	173.5316387	180.3900924	Yes
25.21	2.791	229.1	189.5095215	185.9349012	Yes
25.19	2.576	224.7	187.6599662	179.5746127	Yes
25.2	2.325	224.2	186.1096044	175.7839521	Yes
25.24	2.756	233.9	176.8952147	177.4004496	Yes
25.23	2.348	226.5	193.5866754	185.869568	Yes
25.26	2.439	236	172.2544374	181.1786021	Yes
25.31	2.185	240.8	163.294883	170.595131	Yes
25.39	2.614	212.3	158.684756	159.1888794	Yes
25.49	2.598	217.5	168.7126952	164.7139823	Yes
25.54	2.85	217.9	169.5961403	168.9940343	Yes

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223.5	184.0049395	26.7
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216.9	167.4198452	26.92
218.4	170.7253164	26.69
217.9	169.5961403	26.62
229.9	187.1909456	26.59
242.9	160.0036074	26.41
234	176.6631365	26.42
232.8	179.5253688	26.38
225.9	191.5488631	26.4
229.3	188.9210494	26.47
238.6	167.137323	26.5
234.5	175.5198021	26.55
232.2	181.0216499	26.54
224	185.5005447	26.63
224.5	187.035022	26.67
225.6	190.5537426	26.56
221.6	178.6563324	26.6
232.1	181.2753983	26.56
236	172.2544374	26.57
230.5	185.5124012	26.57
228.8	190.403504	26.76
242.6	160.4525084	26.92
230.7	184.9640411	27.07
237.5	169.2222095	27.14
224.8	187.9748679	27.15
227.6	194.1193848	27.26
246	155.7529709	27.16
225.2	189.2509084	27.12
246	155.7529709	27.12
225.2	189.2509084	27.04
228.7	190.7045403	27.2
215.6	164.7466785	27.44
233.6	177.5983781	27.53
213.4	160.5962459	27.55
205	148.379085	27.63
206.3	149.9393426	27.73
214	161.6837458	27.76
233.5	177.8350956	27.77
205.9	149.4475739	27.73
212.1	158.3483275	27.75
217.9	169.5961403	27.78
219.2	172.5912057	27.87
230.4	185.7886529	27.8

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1.18	226.1
1.662	246
1.43	224.2
1.253	222.3
1.309	226.8
1.405	217.9
1.336	213.4
1.776	206.3
2.323	209.6
2.057	213.5
1.71	217.2
1.802	223.8
2.002	233.2
1.75	221.7
1.98	221.4
1.805	220.1
1.808	222.9
1.463	227.9
1.666	233.9
1.59	228.6
1.8	217.7
2.277	221.6
1.986	222.4
2.003	217.9
2.072	230.2
1.943	229.1
1.675	228.5
1.366	224.2
1.416	234.3
1.49	224.1
1.529	230.8
1.439	219.3
1.775	230.1
1.865	235.2
1.742	218.1
2.019	234.6
1.593	221.1
1.339	222.6
1.348	215.2
1.664	220.3
1.787	211.6
1.601	204.1
1.807	196.8
1.291	209
1.969	222
1.85	198.3
2.345	195.2
1.532	210.8
1.281	225.3
1.759	221.1

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192.2210107	26.14
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186.1096044	26.07
180.5672593	26.15
194.6299891	26.2
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160.5962459	26.39
149.9393426	26.46
154.4161117	26.28
160.7752562	26.09
168.0614801	26.06
184.8977039	26.09
178.5523232	26
178.9252109	26.02
178.1226162	25.98
174.7809062	26
182.2598979	26.07
193.1689136	26.12
176.8952147	26.18
191.0071128	26.17
169.1522337	26.23
178.6563324	26.27
180.8458047	26.2
169.5961403	26.23
186.3453391	26.23
189.5095215	26.25
191.3112307	26.28
186.1096044	26.44
175.9737479	26.58
185.8042924	26.7
184.6919171	26.73
172.8296935	26.74
186.6257896	26.82
173.9658487	26.76
170.0444603	26.75
175.2945059	26.73
177.3320297	26.7
181.4071437	26.81
163.9580918	27.03
175.2809825	27.04
157.5218261	27.06
147.3618674	27.13
140.8336095	27.18
153.5442409	27.19
179.7400211	27.21
141.9406579	27.2
139.7763685	27.16
156.2417902	27.21
189.5740787	27.35
177.3320297	27.29

1.359	221	177.0711342	25.63	1.769	212.3	158.684756
1.376	226.9	194.9814553	25.82	1.607	219.8	174.0400802
1.951	250.3	150.9250156	25.87	2.601	244.9	157.1826166
1.618	230.9	184.4211537	25.79	1.985	221.3	177.8577632
1.462	226.7	194.2803784	25.85	1.791	220	174.5327325
1.795	230.2	186.3453391	25.9	2	222.7	181.6899539
1.603	223.9	185.1983516	25.92	1.871	216.1	165.7545685
1.583	218	169.8197457	26.06	1.932	211.4	157.1969778
2.293	209.6	154.4161117	26.11	2.606	206.3	149.9393426
2.641	216.2	165.9591491	25.92	3.491	208.7	153.1182603
2.526	217.5	168.7126952	25.75	3.168	210.7	156.0853794
1.97	223.8	184.8977039	25.73	2.517	217.5	168.7126952
2.014	230.1	186.6257896	25.77	2.593	224.4	186.7249594
2.26	239.3	165.8686538	25.73	2.87	233.2	178.5523232
2.048	226.8	194.6299891	25.74	2.618	221.6	178.6563324
2.338	228.2	192.2329492	25.71	2.947	222.4	180.8458047
2.369	224	185.5005447	25.73	2.761	217.3	168.2774801
2.15	228	192.8553266	25.8	2.742	223.6	184.3010071
1.752	233.5	177.8350956	25.85	2.13	228.7	190.7045403
2.118	236.1	172.0452245	25.91	2.414	231.7	182.3031224
2.044	234	176.6631365	25.92	2.513	228.7	190.7045403
1.942	222.1	180.0143756	25.95	2.515	217.3	168.2774801
2.388	226.5	193.5866754	25.97	3.291	220	174.5327325
2.558	226.2	192.5597384	25.94	2.987	219.9	174.2857928
2.546	225.5	190.2254851	25.97	2.97	220.8	176.5532489
2.429	234.6	175.2945059	26	2.96	231.2	183.6169505
2.168	234.6	175.2945059	26.03	2.843	227.1	195.6900033
2.061	231.9	181.7867003	26.06	2.499	227.9	193.1689136
1.868	228.1	192.5433417	26.2	1.95	225	188.6095808
1.684	237.7	168.8346381	26.33	2.145	232	181.5304128
1.778	227.9	193.1689136	26.43	2.114	223.9	185.1983516
2.039	237.1	170.0089535	26.44	2.454	230.7	184.9640411
1.859	226.8	194.6299891	26.45	2.176	221.4	178.1226162
2.075	233.6	177.5983781	26.53	2.616	228	192.8553266
2.114	241.1	162.802978	26.49	2.704	237.5	169.2222095
2.058	224.5	187.035022	26.5	2.486	218.9	171.8828066
2.474	238.6	167.137323	26.48	2.981	234	176.6631365
1.907	227.6	194.1193848	26.45	2.267	222.5	181.1257634
1.713	226.7	194.2803784	26.54	1.952	223.4	183.7103804
1.805	219	172.1177686	26.75	2.021	213.4	160.5962459
1.96	224	185.5005447	26.73	2.448	220.1	174.7809062
2.268	216.5	166.5789856	26.74	2.613	215.4	164.3504379
1.878	207.7	151.7450728	26.77	2.292	202.3	145.4751667
2.062	201.7	144.8885107	26.81	2.57	197.7	141.484113
1.633	215.8	165.1468514	26.83	1.897	212.7	159.3677662
2.145	226.7	194.2803784	26.87	2.823	220	174.5327325
2.44	204.2	147.4724086	26.84	2.743	198.1	141.786421
2.548	203.1	146.2898835	26.79	3.389	193.4	138.734051
1.753	213.9	161.5002424	26.84	2.306	207.9	152.0140384
1.615	227.7	193.8009328	27.01	1.944	223.8	184.8977039
2.322	226.2	192.5597384	26.97	2.696	222.4	180.8458047

25.61	1.972	217.1	167.8465446	172.5818485	Yes
25.82	1.907	225.7	190.8837175	187.8366352	Yes
25.83	2.879	248.7	152.5859038	153.5505263	Yes
25.75	2.359	229.7	187.7618297	181.8562386	Yes
25.83	2.003	222.8	181.9742025	183.2726877	Yes
25.85	2.479	228.4	191.6169031	187.5352374	Yes
25.9	2.091	222	179.7400211	176.1385	Yes
26.03	2.254	219.5	173.3102392	163.9186124	Yes
26.07	3.175	213.5	160.7752562	150.4418014	Yes
25.87	4.107	216	165.5509953	160.2283416	Yes
25.69	3.709	218.2	170.2702897	164.0746618	Yes
25.69	2.942	223.5	184.0049395	172.8170049	Yes
25.74	2.821	230.3	186.0662962	186.3598496	Yes
25.7	3.222	239.9	164.8158999	170.7442269	Yes
25.72	3.122	226.6	193.9326112	182.2186672	Yes
25.67	3.428	227.3	195.0846305	182.6816847	Yes
25.7	3.348	224.3	186.4164902	180.0269485	Yes
25.76	3.205	228	192.8553266	187.0843202	Yes
25.81	2.492	233.4	178.0729882	182.2114681	Yes
25.88	2.919	233	179.0364331	176.6908409	Yes
25.88	2.993	231.8	182.0442679	184.8491099	Yes
25.91	2.953	225.8	191.2154206	175.7361585	Yes
25.91	3.542	225.7	190.8837175	183.4526906	Yes
25.88	3.854	227.1	195.6900033	184.5612696	Yes
25.91	3.561	226.4	193.2425592	178.7578017	Yes
25.93	3.401	234.1	176.4322033	181.6330484	Yes
25.98	3.145	232.7	179.7716623	183.187117	Yes
25.99	2.903	233.9	176.8952147	187.9448114	Yes
26.13	2.515	228.5	191.3112307	189.4165077	Yes
26.26	2.349	232.2	181.0216499	171.6978268	Yes
26.35	2.501	227.7	193.8009328	187.2838997	Yes
26.33	3.071	234.2	176.202409	177.2217803	Yes
26.35	2.68	226.2	192.5597384	183.3892917	Yes
26.42	2.93	229.2	189.2145397	187.7997198	Yes
26.39	2.945	240	164.6434892	165.4360018	Yes
26.42	2.889	224.3	186.4164902	179.5532993	Yes
26.38	3.593	237.3	169.6136358	168.7119841	Yes
26.35	2.821	226.8	194.6299891	185.4570216	Yes
26.46	2.368	227.5	194.4394783	187.5256107	Yes
26.66	2.39	220.7	176.2962446	165.3546962	Yes
26.62	2.874	224.8	187.9748679	178.2902029	Yes
26.62	3.241	220.4	175.5328989	162.2618739	Yes
26.66	2.867	206.8	150.5689831	148.240298	Yes
26.68	3.127	201.8	144.9848547	144.286394	Yes
26.72	2.261	215.4	164.3504379	159.9356511	Yes
26.74	3.213	222.8	181.9742025	181.5970569	Yes
26.72	3.454	205.2	148.6120398	145.1617653	Yes
26.67	3.766	200.6	143.8658923	145.7871576	Yes
26.74	2.575	210.9	156.3989918	159.8380528	Yes
26.92	2.304	225.9	191.5488631	185.2159803	Yes
26.84	3.296	225.6	190.5537426	184.1315564	Yes

7/27/2019	10:39	27.33	1.162
7/27/2019	10:40	27.28	1.318
7/27/2019	10:41	27.34	1.226
7/27/2019	10:42	27.41	1.431
7/27/2019	10:43	27.48	1.186
7/27/2019	10:44	27.58	0.911
7/27/2019	10:45	27.75	1.118
7/27/2019	10:46	27.77	0.916
7/27/2019	10:47	27.8	0.715
7/27/2019	10:48	27.87	1.218
7/27/2019	10:49	27.72	1.593
7/27/2019	10:50	27.6	1.036
7/27/2019	10:51	27.55	1.062
7/27/2019	10:52	27.52	0.773
7/27/2019	10:53	27.47	1.163
7/27/2019	10:54	27.52	1.068
7/27/2019	10:55	27.68	1.177
7/27/2019	10:56	27.78	0.811
7/27/2019	10:57	27.84	1.076
7/27/2019	10:58	27.95	1.301
7/27/2019	10:59	28	1.327
7/27/2019	11:00	27.89	1.206
7/27/2019	11:01	27.85	1.174
7/27/2019	11:02	27.9	1.193
7/27/2019	11:03	27.99	1.27
7/27/2019	11:04	27.94	1.306
7/27/2019	11:05	27.76	1.74
7/27/2019	11:06	27.63	1.358
7/27/2019	11:07	27.72	1.109
7/27/2019	11:08	27.72	1.109
7/27/2019	11:09	27.74	1.139
7/27/2019	11:10	27.79	0.893
7/27/2019	11:11	27.99	0.604
7/27/2019	11:12	28.22	0.812
7/27/2019	11:13	28.36	0.79
7/27/2019	11:14	28.46	0.552
7/27/2019	11:15	28.62	0.764
7/27/2019	11:16	28.69	0.958
7/27/2019	11:17	28.65	0.899
7/27/2019	11:18	28.63	0.941
7/27/2019	11:19	28.61	1.021
7/27/2019	11:20	28.49	1.044
7/27/2019	11:21	28.34	1.188
7/27/2019	11:22	28.24	1.466
7/27/2019	11:23	28.06	1.114
7/27/2019	11:24	27.96	1.446
7/27/2019	11:25	27.86	1.231
7/27/2019	11:26	27.8	1.223
7/27/2019	11:27	27.88	1.062
7/27/2019	11:28	27.96	1.173
7/27/2019	11:29	28.03	1.032

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225.3	189.5740787	27.51
217	167.6326681	27.59
204.5	147.8077356	27.69
209.6	154.4161117	27.77
211.2	156.8753741	27.92
212.5	159.0245589	28.16
209.6	154.4161117	28.13
223.9	185.1983516	28.14
217.7	169.1522337	28.21
224.8	187.9748679	27.99
218.1	170.0444603	27.82
221.9	179.4670474	27.74
230	186.9076557	27.7
242.4	160.7556316	27.63
226.8	194.6299891	27.68
210.4	155.6208578	27.88
224.1	185.8042924	28.02
216.9	167.4198452	28.1
215.5	164.548069	28.23
201.9	145.0817692	28.26
224.4	186.7249594	28.12
222.2	180.290119	28.05
222.6	181.4071437	28.11
215.2	163.9580918	28.2
228.9	190.1039947	28.11
234.6	175.2945059	27.86
221.5	178.3888034	27.69
226.5	193.5866754	27.81
226.9	194.9814553	27.82
237.6	169.0279442	27.85
243.6	158.9827372	27.92
226.2	192.5597384	28.16
217.8	169.3736382	28.46
210.4	155.6208578	28.63
223.8	184.8977039	28.74
227.8	193.4841124	28.91
241.8	161.6837847	28.97
226.1	192.2210107	28.86
218.2	170.2702897	28.8
227.3	195.0846305	28.76
231.3	183.3515534	28.61
234.2	176.202409	28.43
232.4	180.5179243	28.31
245.3	156.6530324	28.09
238.7	166.9533691	27.99
236.2	171.8370419	27.86
230.1	186.6257896	27.79
230.2	186.3453391	27.9
245.6	156.2631643	28
248.4	152.9147416	28.08

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1.91	213.7
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2.17	194.6
1.76	202.2
1.111	206.4
1.851	207.3
1.707	200.8
1.404	213.9
1.88	211.2
2.303	216
1.652	218.8
2.035	220.1
1.623	225.9
1.677	234.4
1.54	218.9
1.548	198.6
1.308	222.6
1.745	207.7
1.789	196.8
2.372	196.7
1.713	214.9
1.765	219.9
1.683	212.7
1.872	210.2
2.068	227.4
2.366	226.7
1.962	215.4
1.72	222.1
1.655	220.5
1.455	233.2
1.424	233.4
1.025	214.7
1.305	209.1
1.368	211.6
0.902	225.9
1.097	214.8
1.325	229.9
1.529	224.7
1.452	211.5
1.704	224.5
1.739	228.7
2.052	228.6
2.083	226.8
2.021	236.8
2.487	235.6
2.201	233.9
1.833	221.1
1.537	220.4
1.705	239.2
1.802	230.2

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161.1359522	27.07
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139.411891	27.21
145.3759529	27.27
150.0639356	27.45
151.2154981	27.65
144.0468045	27.59
161.5002424	27.62
156.8753741	27.68
165.5509953	27.52
171.6490075	27.4
174.7809062	27.31
191.5488631	27.31
175.7462142	27.28
171.8828066	27.34
142.1758963	27.48
181.4071437	27.58
151.7450728	27.68
140.8336095	27.79
140.7638403	27.75
163.3767931	27.59
174.2857928	27.59
159.3677662	27.68
155.3150699	27.76
194.7612235	27.69
194.2803784	27.53
164.3504379	27.39
180.0143756	27.51
175.7860767	27.53
178.5523232	27.56
178.0729882	27.64
162.994021	27.89
153.6876994	28.13
157.5218261	28.23
191.5488631	28.34
163.184934	28.5
187.1909456	28.55
187.6599662	28.45
157.3589946	28.37
187.035022	28.3
190.7045403	28.2
191.0071128	28.05
194.6299891	27.96
170.6093072	27.81
173.1016948	27.76
176.8952147	27.65
177.3320297	27.59
175.5328989	27.69
166.0471971	27.78
186.3453391	27.88

2.169	222.2	180.290119	26.82	2.579	218.7	171.416365
2.147	221.1	177.3320297	26.78	2.706	213.5	160.7752562
2.182	213.1	160.0645165	26.84	2.731	203.2	146.3943767
2.762	200	143.3363204	26.9	3.28	194.1	139.1212357
2.194	205.7	149.2056183	26.96	2.632	201.5	144.6975271
1.596	213.6	160.955157	27.15	1.639	209.5	154.2689366
1.961	214.5	162.6150149	27.33	2.54	206.5	150.1891937
1.897	207.8	151.8792052	27.24	2.344	202.2	145.3759529
1.572	216.4	166.3713526	27.27	2.051	210.5	155.7749165
2.038	217.5	168.7126952	27.35	2.541	210	155.0123664
2.484	224.3	186.4164902	27.23	3.286	218.2	170.2702897
1.868	220	174.5327325	27.11	2.489	214.1	161.8681603
2.402	226.1	192.2210107	27.04	2.963	220.4	175.5328989
1.82	229.1	189.5095215	27.04	2.447	225.1	188.9294126
1.971	238.4	167.507983	27.04	2.497	234.2	176.202409
1.898	224.5	187.035022	27.11	2.366	217.8	169.3736382
1.849	207.4	151.3468538	27.22	2.19	200.6	143.8658923
1.446	226.7	194.2803784	27.31	1.897	222.5	181.1257634
1.865	210.1	155.1633342	27.39	2.524	207.5	151.4788997
2.243	205.4	148.8475437	27.5	2.604	198	141.7100752
2.664	203.8	147.0339187	27.42	3.333	197.6	141.4098131
2.238	221.7	178.9252109	27.25	2.445	216	165.5509953
1.959	223.3	183.4173207	27.28	2.596	220.1	174.7809062
1.983	216.2	165.9591491	27.41	2.386	212.6	159.1957351
2.237	216.4	166.3713526	27.49	2.768	212.9	159.7144084
2.432	232.7	179.7716623	27.44	3.127	228.8	190.403504
2.926	234.8	174.8472386	27.31	3.505	227.5	194.4394783
2.31	222.9	182.2598979	27.19	2.793	216.3	166.1647422
1.985	229.7	187.7618297	27.32	2.606	222.3	180.5672593
2.057	225.4	189.898934	27.32	2.528	221.7	178.9252109
1.925	237.3	169.6136358	27.34	2.294	232.7	179.7716623
1.651	235.8	172.6759748	27.42	2.157	233	179.0364331
1.009	218.2	170.2702897	27.68	1.613	219.7	173.7955882
1.512	215	163.5696028	27.9	2.022	211.6	157.5218261
1.56	215.9	165.3484246	27.96	1.982	215.6	164.7466785
1.096	226.8	194.6299891	28.04	1.464	225.5	190.2254851
1.348	219.7	173.7955882	28.19	1.639	215.4	164.3504379
1.671	234.8	174.8472386	28.23	1.96	231.7	182.3031224
1.882	230.8	184.6919171	28.14	2.272	224.7	187.6599662
1.852	219	172.1177686	28.05	2.148	213.9	161.5002424
2.017	228.3	191.9241395	27.99	2.601	222.3	180.5672593
1.97	232	181.5304128	27.89	2.681	227.7	193.8009328
2.238	231.3	183.3515534	27.78	3.03	227.6	194.1193848
2.472	232.2	181.0216499	27.74	3.003	228.4	191.6169031
2.443	240.4	163.9624173	27.62	3.067	237.8	168.6422867
2.967	241.4	162.3184643	27.59	3.678	235.8	172.6759748
2.646	238.7	166.9533691	27.51	3.298	234.6	175.2945059
2.36	227.2	195.4097096	27.45	2.721	222.1	180.0143756
1.892	226.4	193.2425592	27.53	2.276	222.1	180.0143756
2.154	244.1	158.2758734	27.61	2.598	241.3	162.4791534
2.11	235.5	173.3161361	27.72	2.73	231.1	183.8836779

26.68	3.178	222.7	181.6899539	174.7309103	Yes
26.64	3.147	218.6	171.184873	172.2043292	Yes
26.72	2.992	209	153.5442409	155.9459259	Yes
26.79	3.884	200	143.3363204	142.4192956	Yes
26.86	3.202	206.8	150.5689831	148.4238025	Yes
27.06	2.267	212.5	159.0245589	155.5408508	Yes
27.2	3.034	213.8	161.3176459	155.7610664	Yes
27.07	2.857	209.1	153.6876994	148.9295186	Yes
27.13	2.251	212.8	159.540656	167.2112158	Yes
27.19	2.85	215.3	164.1537804	162.4381674	Yes
27.08	3.665	222.8	181.9742025	177.5531607	Yes
26.96	2.794	218.2	170.2702897	169.5235901	Yes
26.87	3.537	225.6	190.5537426	180.5004658	Yes
26.88	2.738	228.5	191.3112307	189.2238632	Yes
26.87	2.727	236.1	172.0452245	170.0530595	Yes
26.96	2.666	220.7	176.2962446	180.730364	Yes
27.05	2.693	209.4	154.1225109	148.2523751	Yes
27.16	1.988	222.5	181.1257634	185.6543945	Yes
27.24	2.751	210.7	156.0853794	156.451788	Yes
27.35	3.433	204.1	147.3618674	148.9848243	Yes
27.26	3.819	205	148.379085	143.5723353	Yes
27.11	2.978	220.1	174.7809062	173.6444897	Yes
27.13	2.77	223.7	184.5985921	178.1935347	Yes
27.27	2.772	216.4	166.3713526	166.4824485	Yes
27.34	3.371	218.7	171.416365	161.3397307	Yes
27.27	3.514	231.1	183.8836779	188.7600961	Yes
27.16	4.193	232.1	181.2753983	184.7154003	Yes
27.06	3.228	221.7	178.9252109	172.7909703	Yes
27.17	2.918	226.8	194.6299891	185.482535	Yes
27.15	2.878	225.6	190.5537426	184.8979192	Yes
27.17	2.873	236.2	171.8370419	174.2413914	Yes
27.25	2.354	236	172.2544374	172.1920333	Yes
27.54	1.671	221.3	177.8577632	174.9049093	Yes
27.74	2.253	217	167.6326681	161.0381916	Yes
27.78	2.28	219.3	172.8296935	160.8094467	Yes
27.84	1.56	226	191.884056	190.3255103	Yes
27.99	1.99	215.7	164.946271	173.7037681	Yes
28.04	2.183	235.4	173.5316387	176.5062728	Yes
27.95	2.557	227.4	194.7612235	188.058215	Yes
27.86	2.458	218.3	170.4972397	165.3118238	Yes
27.79	2.991	226.3	192.9002508	188.6527628	Yes
27.71	2.987	230.9	184.4211537	187.3468598	Yes
27.59	3.298	231	184.1517432	186.170115	Yes
27.56	3.548	232	181.5304128	186.9466166	Yes
27.45	3.616	242.9	160.0036074	164.9667609	Yes
27.43	4.383	238.7	166.9533691	168.7623758	Yes
27.38	3.954	239.9	164.8158999	172.7450329	Yes
27.32	3.199	225.7	190.8837175	184.8454761	Yes
27.4	2.703	227	195.3347893	183.7837932	Yes
27.48	2.873	245.1	156.9164217	160.766347	Yes
27.56	3.057	235.6	173.1016948	174.1149737	Yes

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7/27/2019	11:39	28.28	1.373
7/27/2019	11:40	28.31	1.182
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7/27/2019	11:42	28.39	1.21
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7/27/2019	11:50	28.32	1.312
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144.8885107	28.84

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2.481	242.3	160.9083592	27.75	3.272	236.3	171.6298847
2.548	234.1	176.4322033	27.73	3.181	227.3	195.0846305
2.646	228.8	190.403504	27.73	3.201	224.1	185.8042924
1.822	237.9	168.4508857	27.78	2.407	237.1	170.0089535
1.949	229.6	188.0494405	27.89	2.462	224.3	186.4164902
2.145	223.9	185.1983516	27.95	2.407	223.1	182.8356637
2.196	227.3	195.0846305	27.97	2.624	224.1	185.8042924
2.511	236.6	171.014516	27.89	3.053	232.4	180.5179243
2.485	218	169.8197457	27.9	2.853	211.7	157.6854758
2.339	212.5	159.0245589	27.87	3.071	204.7	148.034394
1.951	222.7	181.6899539	28.01	2.393	218.8	171.6490075
2.3	230.3	186.0662962	28.01	3.091	226.4	193.2425592
1.912	234.4	175.7462142	28.06	2.479	230.8	184.6919171
2.395	241.1	162.802978	28.04	3.227	238.2	167.8823409
2.289	232.5	180.2679334	28.02	2.64	228.1	192.5433417
2.414	227	195.3347893	27.98	2.894	223.1	182.8356637
2.506	228.9	190.1039947	27.97	3.148	224.1	185.8042924
2.114	229.1	189.5095215	27.97	2.313	226.2	192.5597384
2.351	233.6	177.5983781	28.01	2.923	228.1	192.5433417
2.259	233.7	177.3628294	27.95	2.901	228.1	192.5433417
2.484	235.1	174.1845669	27.99	3.105	230.9	184.4211537
2.177	232.9	179.2802945	28.07	2.649	231.1	183.8836779
2.224	221.4	178.1226162	28.09	2.717	218.8	171.6490075
2.289	226.9	194.9814553	28.15	2.9	222	179.7400211
2.49	229.5	188.3385084	28.06	3.116	225.4	189.898934
2.458	230.6	185.2375331	28.07	2.915	227.4	194.7612235
2.043	224.4	186.7249594	28.12	2.473	221.1	177.3320297
2.63	231.2	183.6169505	28.12	3.188	224.5	187.035022
2.179	226.1	192.2210107	28.1	2.817	220.7	176.2962446
1.97	232	181.5304128	28.15	2.522	229.3	188.9210494
2.241	239.1	166.2266321	28.25	2.782	236.1	172.0452245
2.314	235.2	173.9658487	28.22	2.782	230.2	186.3453391
2.547	224	185.5005447	28.25	3.061	219.7	173.7955882
2.409	213.3	160.4181218	28.25	3.114	207.9	152.0140384
1.861	219.7	173.7955882	28.28	2.274	215.7	164.946271
1.94	214.6	162.8040494	28.37	2.286	210.7	156.0853794
2.311	208.8	153.2595242	28.43	2.634	202.1	145.2773166
2.041	222.1	180.0143756	28.47	2.3	218.1	170.0444603
1.6	217.6	168.9319213	28.59	2.056	214.2	162.0534901
2.402	210.4	155.6208578	28.58	3.162	203.5	146.7114396
2.567	204.5	147.8077356	28.53	3.421	196.6	140.6945686
2.18	212.6	159.1957351	28.48	3.048	205.3	148.729472
1.775	226.6	193.9326112	28.51	2.237	220.9	176.811543
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2.039	225.6	190.5537426	28.61	2.521	219.7	173.7955882
2.637	194.9	139.5919783	28.61	3.088	186.9	136.1915717
2.378	216.4	166.3713526	28.59	2.9	209.6	154.4161117
2.071	209.7	154.5640391	28.58	2.723	203.2	146.3943767
2.152	210.7	156.0853794	28.64	2.808	205.7	149.2056183
2.145	209.6	154.4161117	28.59	2.494	207	150.8255466

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27.59	3.688	240.3	164.1314071	164.2684043	Yes
27.58	3.734	231.5	182.824721	187.8129601	Yes
27.59	3.715	229.5	188.3385084	184.9171753	Yes
27.66	2.638	238	168.2604307	166.1322503	Yes
27.75	2.857	229.8	187.4756675	185.8429246	Yes
27.8	3.06	226.1	192.2210107	181.9562579	Yes
27.8	3.208	227.5	194.4394783	185.8482704	Yes
27.71	3.661	236.8	170.6093072	171.572816	Yes
27.74	3.569	217.9	169.5961403	168.5300275	Yes
27.73	3.623	211	156.5569873	152.7170659	Yes
27.88	2.815	220.8	176.5532489	178.4171399	Yes
27.86	3.572	230.3	186.0662962	190.1242224	Yes
27.91	2.698	231.9	181.7867003	178.6438329	Yes
27.86	3.667	242.8	160.152474	164.7204603	Yes
27.85	3.178	232.6	180.0191816	187.5011338	Yes
27.81	3.373	229.1	189.5095215	183.4353886	Yes
27.79	3.766	227.7	193.8009328	184.6090296	Yes
27.81	2.944	226.6	193.9326112	186.500636	Yes
27.84	3.445	232.9	179.2802945	183.9975839	Yes
27.81	3.026	232.1	181.2753983	184.958761	Yes
27.86	3.595	236.3	171.6298847	180.1366893	Yes
27.93	2.953	233.3	178.312062	181.0093692	Yes
27.95	3.268	222.7	181.6899539	176.68564	Yes
28.02	3.557	226.5	193.5866754	186.3895681	Yes
27.92	3.533	229.9	187.1909456	184.5598646	Yes
27.93	3.353	231.4	183.0874794	184.3447637	Yes
27.99	2.841	224.1	185.8042924	181.5972795	Yes
27.97	3.739	230.3	186.0662962	186.5158269	Yes
27.95	3.072	225.2	189.2509084	180.155826	Yes
28	2.972	234.1	176.4322033	189.1197291	Yes
28.08	3.191	240.2	164.3012465	169.9716811	Yes
28.03	3.229	235.3	173.7482078	178.6352591	Yes
28.1	3.439	225.6	190.5537426	179.3058419	Yes
28.09	3.557	213.1	160.0645165	156.8308893	Yes
28.11	2.632	220.1	174.7809062	169.239463	Yes
28.22	2.803	215.2	163.9580918	159.5506024	Yes
28.25	3.333	208.8	153.2595242	147.023823	Yes
28.33	2.784	222.4	180.8458047	172.7863801	Yes
28.46	2.357	218.5	170.9545255	172.1121528	Yes
28.43	3.485	208.9	153.4015168	155.3610007	Yes
28.39	3.666	204.1	147.3618674	144.4834237	Yes
28.35	3.461	210.9	156.3989918	153.2241173	Yes
28.38	2.599	224.7	187.6599662	182.1078133	Yes
28.48	2.699	236.4	171.4237479	182.143045	Yes
28.4	2.776	222.7	181.6899539	181.7341694	Yes
28.45	3.823	195.1	139.7144254	138.4921569	Yes
28.46	3.263	213.7	161.1359522	161.9606442	Yes
28.46	3.093	209.8	154.712722	149.9209735	Yes
28.53	3.272	208.8	153.2595242	155.2152446	Yes
28.45	2.968	212.6	159.1957351	154.33456	Yes

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7/27/2019	12:23	29.26	0.437
7/27/2019	12:24	29.4	0.802
7/27/2019	12:25	29.42	0.639
7/27/2019	12:26	29.46	0.491
7/27/2019	12:27	29.49	0.806
7/27/2019	12:28	29.52	0.775
7/27/2019	12:29	29.53	1.422
7/27/2019	12:30	29.48	0.843
7/27/2019	12:31	29.28	1.338
7/27/2019	12:32	29.19	0.858
7/27/2019	12:33	29.17	0.907
7/27/2019	12:34	29.14	1.104
7/27/2019	12:35	29.18	0.852
7/27/2019	12:36	29.33	0.687
7/27/2019	12:37	29.45	1.267
7/27/2019	12:38	29.45	0.903
7/27/2019	12:39	29.55	0.641
7/27/2019	12:40	29.63	0.73
7/27/2019	12:41	29.72	0.588
7/27/2019	12:42	29.79	0.664
7/27/2019	12:43	29.82	0.692
7/27/2019	12:44	29.86	0.831
7/27/2019	12:45	29.8	0.894
7/27/2019	12:46	29.83	0.638
7/27/2019	12:47	29.63	1.495
7/27/2019	12:48	29.44	1.122
7/27/2019	12:49	29.37	1.233
7/27/2019	12:50	29.28	0.852
7/27/2019	12:51	29.24	0.754
7/27/2019	12:52	29.25	0.552
7/27/2019	12:53	29.35	0.432
7/27/2019	12:54	29.44	0.756
7/27/2019	12:55	29.49	0.797
7/27/2019	12:56	29.53	0.948
7/27/2019	12:57	29.54	1.218
7/27/2019	12:58	29.52	1.213
7/27/2019	12:59	29.46	0.756
7/27/2019	13:00	29.42	0.865
7/27/2019	13:01	29.4	0.696
7/27/2019	13:02	29.56	0.773
7/27/2019	13:03	29.71	0.616
7/27/2019	13:04	29.83	0.597
7/27/2019	13:05	29.84	0.927
7/27/2019	13:06	29.75	0.989
7/27/2019	13:07	29.68	0.818
7/27/2019	13:08	29.64	0.977
7/27/2019	13:09	29.52	0.958
7/27/2019	13:10	29.54	0.583
7/27/2019	13:11	29.58	0.909

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241.7	161.8412498	29.4
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219.9	174.2857928	29.45
217.6	168.9319213	29.47
223.2	183.1257514	29.5
231	184.1517432	29.43
232.4	180.5179243	29.22
238.5	167.3221929	29.11
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242.3	160.9083592	29.07
216.6	166.7876462	29.11
229.1	189.5095215	29.3
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223	182.5470487	29.56
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203.1	146.2898835	29.87
224.4	186.7249594	29.78
237.5	169.2222095	29.82
224.9	188.2914027	29.6
209.6	154.4161117	29.39
236.1	172.0452245	29.32
243.9	158.5564148	29.21
238.6	167.137323	29.16
234.9	174.6252563	29.17
226.4	193.2425592	29.28
261.6	143.1564895	29.39
251.9	149.4151502	29.43
255.7	146.3962542	29.45
234.1	176.4322033	29.45
232.6	180.0191816	29.42
256.5	145.8571712	29.37
241.2	162.6406568	29.32
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239.4	165.6909983	29.41
254.9	146.9680947	29.47

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1.376	212.7
2.217	204.8
1.791	220.2
2.365	223.7
1.448	229.5
1.362	243.9
1.835	233.9
1.763	209.2
1.421	211
2.025	205.9
1.371	210.4
1.218	209.2
1.183	215.4
1.286	220.4
1.425	229.9
1.351	207.3
1.702	197.3
1.605	213.8
1.326	220
2.265	211.5
1.952	203
2.041	221
1.627	227.2
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1.265	219.3
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1.361	234.8
1.442	248.3
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1.483	242.1
1.786	231.2
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1.302	213.3
1.096	231.2
1.202	238.5
1.586	222.1
1.783	219.2
1.416	223
1.945	215.8
1.645	237.2
1.352	228.3
1.473	235.9

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175.0303206	29.09
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188.3385084	28.86
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153.8318952	28.9
156.5569873	29.08
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151.2154981	29.56
141.1899582	29.49
161.3176459	29.41
174.5327325	29.47
157.3589946	29.23
146.1859844	29.03
177.0711342	28.96
195.4097096	28.94
185.5124012	28.88
169.5961403	28.93
172.8296935	29.04
150.9250156	29.16
174.8472386	29.22
153.0256028	29.24
181.1257634	29.23
179.1954466	29.18
161.2161624	29.17
183.6169505	29.12
180.0143756	29.11
160.4181218	29.29
183.6169505	29.43
167.3221929	29.54
180.0143756	29.5
172.5912057	29.35
182.5470487	29.32
165.1468514	29.25
169.810806	29.16
191.9241395	29.21
172.4646859	29.26

1.931	239.7	165.1633188	28.63	2.534	233.6	177.5983781
1.747	237.4	169.4174385	28.66	2.054	233.3	178.312062
1.153	233.9	176.8952147	28.86	1.578	231.4	183.0874794
1.618	233.9	176.8952147	29.03	2.188	228.6	191.0071128
1.598	237.6	169.0279442	28.96	2.042	233.1	178.7937782
1.387	221.7	178.9252109	28.97	1.692	218.7	171.416365
1.993	222	179.7400211	28.96	2.484	215.5	164.548069
1.711	217.9	169.5961403	28.95	2.268	216.9	167.4198452
2.453	211.2	156.8753741	28.92	3.386	203.4	146.6051528
2.071	223.6	184.3010071	28.86	2.764	218.3	170.4972397
2.759	230.1	186.6257896	28.71	3.353	224.1	185.8042924
1.738	236.4	171.4237479	28.65	2.179	232.5	180.2679334
1.608	249.3	151.9449052	28.7	1.977	246.6	155.008001
2.404	238.8	166.7703272	28.69	2.898	231.8	182.0442679
1.922	217	167.6326681	28.74	2.618	209.8	154.712722
1.653	217.3	168.2774801	28.93	2.177	212.1	158.3483275
2.492	215.1	163.7633675	28.97	3.053	207.7	151.7450728
1.843	216.1	165.7545685	28.88	2.127	213.1	160.0645165
1.36	216.7	166.9973396	29.02	1.889	209.3	153.9768314
1.307	225	188.6095808	29.13	1.781	220.9	176.811543
1.44	229.9	187.1909456	29.25	1.812	221.4	178.1226162
1.636	239.6	165.3383346	29.36	2.159	235.2	173.9658487
1.504	209.1	153.6876994	29.34	1.99	210.5	155.7749165
1.942	204.3	147.5835656	29.23	2.617	196.8	140.8336095
1.894	222.7	181.6899539	29.17	2.403	217.9	169.5961403
1.626	227	195.3347893	29.23	2.108	224	185.5005447
2.702	219.7	173.7955882	28.98	3.274	211.7	157.6854758
2.219	207.6	151.6116385	28.79	2.976	202.9	146.0826775
2.445	227.7	193.8009328	28.72	3.171	221	177.0711342
1.952	234.3	175.9737479	28.73	2.531	229.3	188.9210494
1.739	234.5	175.5198021	28.68	2.226	226.8	194.6299891
1.521	228.9	190.1039947	28.75	2.005	221.3	177.8577632
1.573	225.8	191.2154206	28.83	2.041	220.6	176.0405229
1.683	255.8	146.3270894	28.98	2.301	251.3	149.9641021
1.729	240.8	163.294883	29.06	2.133	237	170.2080831
1.782	253.5	148.0494963	29.07	2.415	249.8	151.4274771
2.291	231	184.1517432	29.07	2.69	223.8	184.8977039
2.373	228.1	192.5433417	29	2.914	222.1	180.0143756
1.749	246.1	155.627126	29.03	2.254	242.9	160.0036074
2.065	238.2	167.8823409	29	2.775	232.6	180.0191816
1.605	231.8	182.0442679	28.99	1.878	228	192.8553266
1.571	219.4	173.0693692	29.16	2.049	212.4	158.8542338
1.319	242.1	161.2161624	29.27	1.757	238	168.2604307
1.51	244	158.4157786	29.39	1.851	240.6	163.6269725
1.856	228.3	191.9241395	29.32	2.408	222.9	182.2598979
2.041	227.2	195.4097096	29.16	2.621	224.2	186.1096044
1.743	231	184.1517432	29.15	2.097	227.5	194.4394783
2.054	224.3	186.4164902	29.07	2.868	219.5	173.3102392
2.033	240.9	163.1300876	28.99	2.705	235.8	172.6759748
1.612	235.3	173.7482078	29.07	2.204	230.5	185.5124012
1.742	242.6	160.4525084	29.13	2.308	238.4	167.507983

28.49	2.639	235	174.4043676	170.4095009	Yes
28.52	2.417	237.4	169.4174385	176.1412969	Yes
28.71	1.893	231	184.1517432	181.688518	Yes
28.87	2.196	230.1	186.6257896	179.9238636	Yes
28.83	2.257	234.6	175.2945059	172.7345926	Yes
28.81	2.047	220.9	176.811543	176.2622759	Yes
28.78	2.8	217.5	168.7126952	170.1105108	Yes
28.78	2.562	220.8	176.5532489	166.3289183	Yes
28.75	3.535	208.9	153.4015168	158.688735	Yes
28.7	3.072	222.3	180.5672593	178.4950776	Yes
28.54	3.946	228.7	190.7045403	184.3866496	Yes
28.5	2.438	235.4	173.5316387	176.8380957	Yes
28.55	2.16	247.6	153.8193224	153.938902	Yes
28.53	3.496	236.1	172.0452245	171.6545422	Yes
28.6	2.864	215.4	164.3504379	160.7412329	Yes
28.81	2.53	215.3	164.1537804	168.1730791	Yes
28.83	3.565	216.1	165.7545685	157.5761097	Yes
28.75	2.719	218.3	170.4972397	166.1414235	Yes
28.88	2.154	213.1	160.0645165	164.3382787	Yes
29.01	1.994	223.9	185.1983516	178.1490707	Yes
29.13	2.032	222.9	182.2598979	176.244467	Yes
29.23	2.242	237.6	169.0279442	170.9194364	Yes
29.21	2.2	211.5	157.3589946	154.229976	Yes
29.08	2.883	204.3	147.5835656	143.9742542	Yes
29.04	2.664	222.5	181.1257634	174.8321749	Yes
29.1	2.296	226.6	193.9326112	181.147569	Yes
28.81	3.7	217.7	169.1522337	169.2828653	Yes
28.65	3.523	209.1	153.6876994	149.574103	Yes
28.57	3.627	226.8	194.6299891	179.9971064	Yes
28.58	2.972	232.5	180.2679334	179.7152304	Yes
28.52	2.513	232	181.5304128	180.6998788	Yes
28.63	2.211	225.3	189.5740787	178.0457886	Yes
28.69	2.314	225.1	188.9294126	183.332049	Yes
28.82	2.484	252.9	148.5451154	147.5931741	Yes
28.9	2.483	240	164.6434892	164.4413387	Yes
28.92	2.684	251.7	149.595865	149.7247076	Yes
28.91	3.11	226.7	194.2803784	181.6518534	Yes
28.84	3.253	224	185.5005447	182.9430864	Yes
28.9	2.521	243.2	159.5615734	155.6760167	Yes
28.88	2.83	234.6	175.2945059	173.5397825	Yes
28.87	2.207	230.5	185.5124012	181.0828521	Yes
29.04	2.437	218.6	171.184873	168.5321063	Yes
29.14	1.94	239.1	166.2266321	166.0294662	Yes
29.26	2.109	243	159.8555038	158.8718996	Yes
29.18	2.702	225.4	189.898934	181.7716806	Yes
29.04	2.929	228.6	191.0071128	186.3554376	Yes
29.01	2.41	232	181.5304128	180.4734755	Yes
28.92	3.084	225.2	189.2509084	172.7301945	Yes
28.87	2.976	239.3	165.8686538	164.8015584	Yes
28.94	2.575	233.7	177.3628294	179.2189367	Yes
29	2.56	241.4	162.3184643	161.848318	Yes

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7/27/2019	13:13	29.59	0.66
7/27/2019	13:14	29.68	0.643
7/27/2019	13:15	29.71	1.173
7/27/2019	13:16	29.76	0.709
7/27/2019	13:17	29.79	0.827
7/27/2019	13:18	29.75	1.014
7/27/2019	13:19	29.63	0.858
7/27/2019	13:20	29.61	0.843
7/27/2019	13:21	29.64	0.83
7/27/2019	13:22	29.72	0.542
7/27/2019	13:23	29.83	0.949
7/27/2019	13:24	29.75	0.719
7/27/2019	13:25	29.72	0.837
7/27/2019	13:26	29.73	1.115
7/27/2019	13:27	29.72	0.883
7/27/2019	13:28	29.79	0.521
7/27/2019	13:29	29.99	0.563
7/27/2019	13:30	30.19	0.781
7/27/2019	13:31	30.22	0.866
7/27/2019	13:32	30.12	0.54
7/27/2019	13:33	30.17	0.583
7/27/2019	13:34	30.29	0.683
7/27/2019	13:35	30.31	0.71
7/27/2019	13:36	30.32	0.58
7/27/2019	13:37	30.32	0.837
7/27/2019	13:38	30.19	0.799
7/27/2019	13:39	30.12	0.537
7/27/2019	13:40	30.12	0.755
7/27/2019	13:41	30.07	0.856
7/27/2019	13:42	30.04	1.049
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7/27/2019	13:44	29.96	0.852
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7/27/2019	13:46	30.14	1.02
7/27/2019	13:47	30.19	1.273
7/27/2019	13:48	30.19	1.26
7/27/2019	13:49	30.16	0.977
7/27/2019	13:50	30.07	0.685
7/27/2019	13:51	30.1	0.567
7/27/2019	13:52	30.11	0.617
7/27/2019	13:53	30.17	0.65
7/27/2019	13:54	30.16	1.087
7/27/2019	13:55	30.09	0.967
7/27/2019	13:56	30.08	0.857
7/27/2019	13:57	30.06	0.816
7/27/2019	13:58	30.17	0.793
7/27/2019	13:59	30.26	0.998
7/27/2019	14:00	30.33	0.806
7/27/2019	14:01	30.24	0.785
7/27/2019	14:02	30.26	1.085

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232	181.5304128	29.56
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243	159.8555038	29.68
240.3	164.1314071	29.54
246.8	154.7650203	29.51
239.8	164.9891752	29.55
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227	195.3347893	29.76
237.1	170.0089535	29.68
250.5	150.728171	29.64
250.4	150.8262993	29.63
244.4	157.8605159	29.6
227.9	193.1689136	29.66
210.1	155.1633342	29.92
221.4	178.1226162	30.19
244.2	158.1366964	30.22
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228.4	191.6169031	30.07
216.3	166.1647422	30.24
224.8	187.9748679	30.28
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231.1	183.8836779	30.25
252.6	148.8003043	30.1
254.7	147.1162438	29.99
246	155.7529709	29.99
240.5	163.7942737	29.93
240.9	163.1300876	29.89
258.6	144.5938692	29.89
248.2	153.1370917	29.83
215.8	165.1468514	29.96
201.2	144.4152874	30.11
186.8	136.1668004	30.19
192.7	138.3696112	30.23
206.8	150.5689831	30.24
248.8	152.4775331	30.13
267	141.6027124	30.12
266.2	141.7514553	30.11
260.4	143.6807474	30.13
230.7	184.9640411	30.12
223.5	184.0049395	30.03
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217.4	168.49455	30.25
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230.3	186.0662962	30.26
212.4	158.8542338	30.27

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1.698	210.2
1.617	207.3
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1.676	226.1
1.638	228.8
1.592	233.3
1.333	224.3
1.237	217.6
1.68	217
1.506	226.1
1.265	233.7
1.654	240.5
1.657	235.7
1.209	218.2
0.866	207.7
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1.54	228.7
1.059	238.1
0.931	213
1.598	201.9
1.317	217
1.069	233.5
1.603	224.2
1.589	239.7
1.29	238.9
1.614	231.6
1.257	228.7
1.473	224.4
1.457	244.1
1.601	234.6
1.539	204.7
1.762	197.7
1.952	186.8
1.894	185
1.754	199.2
1.469	237.1
1.271	251
1.121	249.1
1.528	236.5
1.834	214.4
1.59	209.2
1.51	220.8
1.642	241.5
1.552	200.8
1.521	201.6
1.679	207.2
1.541	212.4
1.847	210.8

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158.1366964	29.29
161.5002424	29.35
155.3150699	29.35
151.2154981	29.38
157.8499471	29.42
192.2210107	29.37
190.403504	29.27
178.312062	29.29
186.4164902	29.34
168.9319213	29.43
167.6326681	29.5
192.2210107	29.39
177.3628294	29.38
163.7942737	29.38
172.8883094	29.35
170.2702897	29.43
151.7450728	29.65
148.729472	29.84
190.7045403	29.84
168.0709172	29.7
159.8890273	29.74
145.0817692	29.84
167.6326681	29.8
177.8350956	29.81
186.1096044	29.83
165.1633188	29.72
166.5881931	29.67
182.5632711	29.68
190.7045403	29.62
186.7249594	29.59
158.2758734	29.62
175.2945059	29.61
148.034394	29.69
141.484113	29.74
136.1668004	29.75
135.7930238	29.73
142.6604859	29.69
170.0089535	29.67
150.2462872	29.77
152.156119	29.77
171.2186266	29.85
162.4269132	29.78
153.8318952	29.68
176.5532489	29.67
162.1585863	29.72
144.0468045	29.82
144.7927354	29.87
151.0848301	29.92
158.8542338	29.81
156.2417902	29.85

1.925	258	144.932729	29.16	2.567	255.2	146.7497779
1.926	252	149.3256382	29.17	2.491	246.5	155.1304872
1.718	222.8	181.9742025	29.23	2.015	220.6	176.0405229
2.252	217.3	168.2774801	29.19	2.453	215.1	163.7633675
1.889	212.7	159.3677662	29.21	2.569	209.5	154.2689366
1.97	219.1	172.3538995	29.24	2.356	213	159.8890273
2.122	233	179.0364331	29.18	2.605	227.3	195.0846305
1.924	236.7	170.8114111	29.1	2.507	229.1	189.5095215
1.798	237.8	168.6422867	29.15	2.395	231.1	183.8836779
1.851	232.9	179.2802945	29.21	2.242	227.7	193.8009328
1.436	227.9	193.1689136	29.3	1.796	224.8	187.9748679
2.087	222.9	182.2598979	29.37	2.679	218.1	170.0444603
1.891	232.2	181.0216499	29.23	2.293	228.7	190.7045403
1.634	240.4	163.9624173	29.23	2.003	236.3	171.6298847
2.156	247.9	153.475345	29.24	2.729	243	159.8555038
2.132	242.4	160.7556316	29.23	2.728	238.5	167.3221929
1.399	223.8	184.8977039	29.32	1.86	219.6	173.55231
1.156	210.8	156.2417902	29.53	1.309	212.1	158.3483275
1.567	215.4	164.3504379	29.7	2.073	208.6	152.9777221
1.93	238.5	167.3221929	29.67	2.277	233.2	178.5523232
1.228	245.3	156.6530324	29.54	1.732	242.7	160.3021067
1.187	221.5	178.3888034	29.57	1.386	216.7	166.9973396
1.829	210.2	155.3150699	29.65	2.29	203.2	146.3943767
1.604	225	188.6095808	29.58	2.052	222.9	182.2598979
1.302	242.3	160.9083592	29.6	1.724	238.9	166.5881931
1.932	230.8	184.6919171	29.63	2.511	229	189.8060036
1.864	246.9	154.6445213	29.55	2.482	242.2	161.0618684
1.548	244.8	157.3167727	29.51	2.162	240.7	163.4605101
1.825	236.9	170.4081994	29.55	2.465	231.5	182.824721
1.671	236.2	171.8370419	29.48	2.014	232.1	181.2753983
1.955	234	176.6631365	29.45	2.258	231.6	182.5632711
1.795	250.2	151.0243214	29.5	2.405	245.8	156.0067
1.888	240.6	163.6269725	29.51	2.365	235.7	172.8883094
1.744	211.4	157.1969778	29.59	2.341	208.4	152.6988115
2.188	205.7	149.2056183	29.6	2.72	199.3	142.7430964
2.508	192.9	138.471433	29.57	2.924	184.3	135.6843278
2.293	192.9	138.471433	29.51	2.848	184	135.6439919
2.176	205	148.379085	29.48	2.612	198.7	142.25535
1.687	243.6	158.9827372	29.5	2.199	237	170.2080831
1.444	256.3	145.9889028	29.63	2.04	252.8	148.6296284
1.281	255.6	146.4659307	29.62	1.855	252.8	148.6296284
1.764	243.9	158.5564148	29.72	2.438	238.5	167.3221929
2.271	223.6	184.3010071	29.63	2.738	216.5	166.5789856
1.815	218.7	171.416365	29.53	2.413	214	161.6837458
1.74	231.7	182.3031224	29.51	2.193	225.1	188.9294126
1.991	246	155.7529709	29.59	2.626	243	159.8555038
1.777	210.2	155.3150699	29.7	2.203	202.8	145.9799608
1.963	207.6	151.6116385	29.72	2.469	202.3	145.4751667
1.757	214.7	162.994021	29.75	2.456	210	155.0123664
1.977	220.3	175.2809825	29.62	2.465	213.6	160.955157
1.929	218.1	170.0444603	29.66	2.788	211.8	157.8499471

29.02	2.776	258.2	144.8178344	145.3968598	Yes
29.04	2.682	250	151.2247092	153.0699732	Yes
29.1	2.473	224.8	187.9748679	175.2613451	Yes
29.06	3.112	220.5	175.7860767	167.2614678	Yes
29.08	2.935	213.5	160.7752562	155.3127982	Yes
29.1	2.827	219.2	172.5912057	167.0538725	Yes
29.05	2.947	231.1	183.8836779	181.5493945	Yes
28.96	2.81	233.5	177.8350956	178.7139609	Yes
29.03	2.653	234.6	175.2945059	171.4007617	Yes
29.04	2.664	230.7	184.9640411	181.1217232	Yes
29.16	2.069	225.9	191.5488631	179.257268	Yes
29.22	3.065	222.7	181.6899539	178.8179539	Yes
29.07	2.568	231.2	183.6169505	183.4890386	Yes
29.09	2.248	235.4	173.5316387	165.9208256	Yes
29.08	3.042	245.9	155.8794948	156.9878555	Yes
29.07	3.076	241.3	162.4791534	164.7066624	Yes
29.19	2.091	222.5	181.1257634	180.4723043	Yes
29.4	1.773	210	155.0123664	155.3746312	Yes
29.55	2.371	213.1	160.0645165	161.045062	Yes
29.49	2.673	235.6	173.1016948	173.6789382	Yes
29.35	1.83	240.6	163.6269725	158.3927929	Yes
29.4	1.738	220.5	175.7860767	174.2230183	Yes
29.49	2.777	209.4	154.1225109	153.2389895	Yes
29.42	2.411	224.4	186.7249594	181.6192537	Yes
29.42	1.874	237.9	168.4508857	163.5980283	Yes
29.46	2.822	231.6	182.5632711	186.1228007	Yes
29.38	2.769	244.9	157.1826166	157.4175032	Yes
29.36	2.315	241.1	162.802978	158.6204299	Yes
29.39	2.728	235.2	173.9658487	172.8872906	Yes
29.31	2.408	234.8	174.8472386	176.9028135	Yes
29.3	2.753	236	172.2544374	177.2703637	Yes
29.33	2.656	247.6	153.8193224	152.475191	Yes
29.34	2.633	237.3	169.6136358	166.2367199	Yes
29.43	2.708	211.6	157.5218261	155.7692587	Yes
29.45	3.316	208.3	152.5604335	144.4620288	Yes
29.43	3.734	193.4	138.734051	136.6223404	Yes
29.39	3.396	192.9	138.471433	137.069515	Yes
29.38	3.224	206.8	150.5689831	145.965976	Yes
29.39	2.243	235.7	172.8883094	162.9193267	Yes
29.55	2.118	254.1	147.5733027	146.6168827	Yes
29.51	1.977	253.3	148.2125295	147.2507834	Yes
29.61	2.576	243	159.8555038	160.1944954	Yes
29.46	3.203	221.7	178.9252109	174.5677367	Yes
29.36	2.695	219.4	173.0693692	167.7342364	Yes
29.37	2.452	227.8	193.4841124	178.8701204	Yes
29.46	2.745	244	158.4157786	157.1730191	Yes
29.55	2.679	208.2	152.4227699	151.2206228	Yes
29.57	2.932	207.1	150.9548471	152.5935226	Yes
29.59	2.62	216.5	166.5789856	163.2740392	Yes
29.47	2.847	216.8	167.2080708	170.2891674	Yes
29.51	3.078	214.9	163.3767931	160.7476079	Yes

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7/27/2019	14:04	30.22	0.888
7/27/2019	14:05	30.18	0.992
7/27/2019	14:06	30.06	0.684
7/27/2019	14:07	30.04	0.539
7/27/2019	14:08	30.13	0.457
7/27/2019	14:09	30.19	0.918
7/27/2019	14:10	30.16	0.862
7/27/2019	14:11	30.24	0.503
7/27/2019	14:12	30.31	0.643
7/27/2019	14:13	30.27	0.611
7/27/2019	14:14	30.33	0.439
7/27/2019	14:15	30.5	0.43
7/27/2019	14:16	30.75	0.387
7/27/2019	14:17	30.93	0.737
7/27/2019	14:18	30.91	0.671
7/27/2019	14:19	30.89	0.72
7/27/2019	14:20	30.93	0.817
7/27/2019	14:21	31.09	0.661
7/27/2019	14:22	31.12	0.633
7/27/2019	14:23	30.99	1.018
7/27/2019	14:24	30.8	0.739
7/27/2019	14:25	30.67	0.852
7/27/2019	14:26	30.62	0.78
7/27/2019	14:27	30.49	0.913
7/27/2019	14:28	30.37	1.198
7/27/2019	14:29	30.31	0.897
7/27/2019	14:30	30.34	0.618
7/27/2019	14:31	30.47	0.721
7/27/2019	14:32	30.53	0.817
7/27/2019	14:33	30.59	0.872
7/27/2019	14:34	30.55	0.748
7/27/2019	14:35	30.48	0.837
7/27/2019	14:36	30.58	0.518
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7/27/2019	14:38	31.02	0.553
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7/27/2019	14:41	30.93	0.419
7/27/2019	14:42	31.03	0.755
7/27/2019	14:43	30.63	0.677
7/27/2019	14:44	30.24	0.741
7/27/2019	14:45	30.01	0.788
7/27/2019	14:46	29.81	0.537
7/27/2019	14:47	29.94	0.697
7/27/2019	14:48	30.11	0.727
7/27/2019	14:49	30.22	0.739
7/27/2019	14:50	30.33	0.639
7/27/2019	14:51	30.31	0.662
7/27/2019	14:52	30.33	0.704
7/27/2019	14:53	30.21	0.535

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236.8	170.6093072	30.2
238.4	167.507983	30.14
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262.2	142.919245	29.95
283.6	144.8178344	30.04
244.7	157.451638	30.1
248.6	152.6948941	30.05
251.1	150.1516501	30.14
258.8	144.4847842	30.2
247.3	154.1690811	30.15
244.6	157.5872152	30.22
251.8	149.5052253	30.42
191.8	137.9340071	30.73
237.2	169.810806	30.95
235.4	173.5316387	30.89
239.9	164.8158999	30.83
222.8	181.9742025	30.87
212.8	159.540656	31.06
225.3	189.5740787	31.13
229.1	189.5095215	30.93
225.9	191.5488631	30.74
249	152.2626427	30.59
241.6	161.9995159	30.53
244.7	157.451638	30.4
238.6	167.137323	30.28
238.2	167.8823409	30.22
229.4	188.6290418	30.25
222	179.7400211	30.41
222.7	181.6899539	30.48
215.5	164.548069	30.54
236	172.2544374	30.51
236.3	171.6298847	30.41
224.3	186.4164902	30.51
242.7	160.3021067	30.76
245.9	155.8794948	30.99
238.1	168.0709172	31.04
244.6	157.5872152	30.85
223.9	185.1983516	30.76
232.5	180.2679334	30.92
252.4	148.9731899	30.49
240.1	164.4719393	30.04
252.2	149.1482972	29.79
254.1	147.5733027	29.6
250	151.2247092	29.77
245.8	156.0067	29.99
227.1	195.6900033	30.13
234.7	175.0703199	30.29
235.7	172.8883094	30.3
222.2	180.290119	30.31
259.3	144.220467	30.16

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1.48	262.2
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1.158	274.8
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1.429	246.4
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0.634	210.1
1.628	215.8
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1.427	216.2
1.265	210.9
1.461	212.7
1.831	212.1
1.862	215.1
1.879	210.7
1.56	235.5
1.846	215.4
2.032	224.6
2.112	222.7
1.795	221.8
1.68	225.2
1.493	213.9
1.542	216.4
1.804	212.4
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1.67	221.8
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1.471	223.8
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0.887	215.4
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1.728	235.6
1.414	229.8
1.435	238.5
1.066	244.3
1.323	234.3
1.573	230.3
1.501	208.4
1.433	213.1
1.402	215.6
1.502	217.5
1.471	246.1

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151.9449052	29.71
141.6027124	29.79
182.5632711	29.83
173.3161361	29.77
153.1370917	29.89
155.2536405	29.93
189.5095215	29.87
169.2222095	29.94
188.9210494	30.13
155.1633342	30.38
165.1468514	30.52
166.1647422	30.45
165.9591491	30.38
156.3989918	30.43
159.3677662	30.63
158.3483275	30.61
163.7633675	30.44
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173.3161361	30.14
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179.1954466	29.89
189.2509084	29.95
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166.3713526	30.14
158.8542338	30.16
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171.416365	30.16
165.1633188	30.42
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168.7126952	29.98
155.627126	29.87

2.408	216.3	166.1647422	29.71	2.828	211.4	157.1969778
2.171	232.6	180.0191816	29.63	2.863	228.6	191.0071128
1.94	233.3	178.312062	29.63	2.463	230.3	186.0662962
1.727	265.3	141.9522815	29.55	2.463	260.3	143.7274589
1.374	252.4	148.9731899	29.57	1.82	251.2	150.0575889
1.239	278.6	142.5602372	29.68	1.744	273.6	141.431807
2.106	239.7	165.1633188	29.71	2.592	235.5	173.3161361
1.918	242.9	160.0036074	29.64	2.377	239.5	165.5142265
1.35	254.9	146.9680947	29.76	1.86	253.5	148.0494963
1.699	254.2	147.4958051	29.77	2.24	251.7	149.595865
1.382	237.6	169.0279442	29.73	1.545	236.6	171.014516
0.917	248.9	152.3697801	29.8	1.24	242.1	161.2161624
0.979	236.5	171.2186266	30	1.226	231	184.1517432
0.615	213.8	161.3176459	30.28	0.733	218.5	170.9545255
1.67	225.2	189.2509084	30.4	2.038	216.9	167.4198452
1.501	228.8	190.403504	30.29	1.774	224.1	185.8042924
1.491	225.2	189.2509084	30.22	1.9	219.2	172.5912057
1.416	220.1	174.7809062	30.28	1.552	215.6	164.7466785
1.407	222.5	181.1257634	30.51	1.751	213.2	160.24088
1.825	221.5	178.3888034	30.47	2.438	216.4	166.3713526
1.978	222	179.7400211	30.27	2.533	217.4	168.49455
2.007	219.9	174.2857928	30.01	2.565	215	163.5696028
1.786	244.3	157.9982448	29.94	2.433	240.8	163.294883
2.082	226.3	192.9002508	29.98	2.693	221.4	178.1226162
2.359	232.8	179.5253688	29.87	3.124	225.2	189.2509084
2.462	229.3	188.9210494	29.75	3.157	223	182.5470487
1.97	232	181.5304128	29.73	2.654	225.3	189.5740787
1.789	234.9	174.6252563	29.81	2.387	230.1	186.6257896
1.585	221.8	179.1954466	29.96	2.005	217.1	167.8465446
1.904	221.1	177.3320297	29.99	2.279	217.4	168.49455
1.72	218.2	170.2702897	29.99	2.39	214	161.6837458
1.772	233.2	178.5523232	29.93	2.466	229.2	189.2145397
1.856	232	181.5304128	29.9	2.399	225.9	191.5488631
1.152	225.3	189.5740787	30	1.264	220	174.5327325
1.117	249.2	152.0502072	30.26	1.489	247.1	154.4054945
1.058	243.5	159.1263255	30.52	1.361	237.7	168.8346381
1.576	235.8	172.6759748	30.51	2.097	231.3	183.3515534
2.072	236.8	170.6093072	30.25	2.506	232.1	181.2753983
0.857	226.1	192.2210107	30.18	1.115	226.3	192.9002508
1.962	222.8	181.9742025	30.29	2.433	218.4	170.7253164
2.041	241.7	161.8412498	29.9	2.741	238.2	167.8823409
1.737	238.1	168.0709172	29.53	2.23	233.8	177.1284437
1.626	248.8	152.4775331	29.35	2.311	245.3	156.6530324
1.277	251.1	150.1516501	29.27	1.681	250.9	150.341502
1.458	243.3	159.4157407	29.48	1.897	236.7	170.8114111
1.695	240.2	164.3012465	29.67	2.131	233.3	178.312062
1.621	219.9	174.2857928	29.75	1.958	213.6	160.955157
1.504	225.3	189.5740787	29.85	1.98	219.3	172.8296935
1.63	227.2	195.4097096	29.83	1.982	221.7	178.9252109
1.648	222.4	180.8458047	29.84	2.073	217.8	169.3736382
1.602	250.7	150.5336711	29.74	2.24	250.2	151.0243214

29.54	3.57	218.1	170.0444603	168.103993	Yes
29.45	3.198	230.9	184.4211537	183.978995	Yes
29.44	2.853	237.1	170.0089535	180.7754405	Yes
29.38	2.506	261.4	143.23924	142.6762421	Yes
29.4	2.04	254.7	147.1162438	148.4737323	Yes
29.5	1.847	276.7	142.0017483	142.6031477	Yes
29.51	2.977	239.6	165.3383346	169.623591	Yes
29.41	2.692	241.2	162.6406568	162.882216	Yes
29.54	2.026	256.1	146.1226545	149.5765832	Yes
29.53	2.403	252.9	148.5451154	149.2075237	Yes
29.5	1.873	238.2	167.8823409	170.9302657	Yes
29.59	1.275	243.8	158.6977847	160.0988418	Yes
29.85	1.368	232.3	180.7691609	173.4491611	Yes
30.13	0.865	221.3	177.8577632	156.3423781	Yes
30.26	2.203	220.7	176.2962446	172.9071028	Yes
30.15	2.171	224	185.5005447	178.9760443	Yes
30.06	2.154	223.6	184.3010071	173.1542908	Yes
30.11	2.004	221.6	178.6563324	169.4751947	Yes
30.36	1.959	219.7	173.7955882	165.0687664	Yes
30.3	2.633	219	172.1177686	173.1706406	Yes
30.07	2.909	222.7	181.6899539	175.376865	Yes
29.81	3.023	221.2	177.5942369	171.3724095	Yes
29.75	2.546	242.5	160.6036824	161.7179767	Yes
29.79	3.035	225.3	189.5740787	174.3432052	Yes
29.71	3.334	230.1	186.6257896	178.3936507	Yes
29.58	3.744	229.1	189.5095215	180.0738437	Yes
29.58	2.752	228.8	190.403504	179.5455698	Yes
29.64	2.704	233.8	177.1284437	184.782749	Yes
29.79	2.279	222.2	180.290119	172.0705637	Yes
29.79	2.919	221.1	177.3320297	173.4719715	Yes
29.79	2.679	219	172.1177686	163.8390846	Yes
29.73	2.712	233.7	177.3628294	183.2303878	Yes
29.73	2.483	226.7	194.2803784	180.9761518	Yes
29.86	1.568	227.2	195.4097096	180.4849166	Yes
30.11	1.655	253.9	147.7298938	157.9802818	Yes
30.34	1.507	243.6	158.9827372	163.7647713	Yes
30.27	2.311	235	174.4043676	177.2490373	Yes
30	2.969	234.4	175.7462142	175.8182134	Yes
29.96	1.297	227.3	195.0846305	183.6675127	Yes
30.05	3.002	223.6	184.3010071	173.9903683	Yes
29.66	3.045	241.2	162.6406568	162.9496189	Yes
29.35	2.734	239.5	165.5142265	174.2867419	Yes
29.2	2.624	248.5	152.8045061	156.4002639	Yes
29.16	1.85	253.6	147.9687897	151.5161749	Yes
29.35	2.079	239.7	165.1633188	164.3564022	Yes
29.51	2.405	238.1	168.0709172	171.1715762	Yes
29.58	2.418	218	169.8197457	170.9074411	Yes
29.67	2.245	224.3	186.4164902	174.3846521	Yes
29.68	2.347	228.6	191.0071128	177.9924771	Yes
29.7	2.478	220.2	175.0303206	174.8055643	Yes
29.6	2.384	254	147.6513318	150.3513964	Yes

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7/27/2019	14:58	30.61	0.419
7/27/2019	14:59	30.69	0.805
7/27/2019	15:00	30.76	0.701
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7/27/2019	15:02	30.81	0.535
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7/27/2019	15:11	30.8	0.556
7/27/2019	15:12	30.76	0.609
7/27/2019	15:13	30.75	0.653
7/27/2019	15:14	30.71	0.592
7/27/2019	15:15	30.66	0.593
7/27/2019	15:16	30.62	0.599
7/27/2019	15:17	30.53	1.248
7/27/2019	15:18	30.24	1.063
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7/27/2019	15:20	30.01	1.063
7/27/2019	15:21	30.03	0.806
7/27/2019	15:22	30.15	0.752
7/27/2019	15:23	30.21	0.543
7/27/2019	15:24	30.32	0.542
7/27/2019	15:25	30.46	0.528
7/27/2019	15:26	30.62	0.637
7/27/2019	15:27	30.78	0.578
7/27/2019	15:28	30.9	0.606
7/27/2019	15:29	30.9	0.841
7/27/2019	15:30	30.97	0.891
7/27/2019	15:31	30.92	0.831
7/27/2019	15:32	30.75	1.086
7/27/2019	15:33	30.49	0.817
7/27/2019	15:34	30.44	0.878
7/27/2019	15:35	30.38	0.617
7/27/2019	15:36	30.22	0.975
7/27/2019	15:37	30.14	0.679
7/27/2019	15:38	30.08	0.839
7/27/2019	15:39	29.95	0.928
7/27/2019	15:40	29.85	1.056
7/27/2019	15:41	29.73	0.651
7/27/2019	15:42	29.62	0.496
7/27/2019	15:43	29.56	0.53
7/27/2019	15:44	29.5	0.483

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224.6	187.3466876	30.61
217.1	167.8465446	30.7
218.1	170.0444603	30.79
202	145.1792559	30.85
211.9	158.0152438	30.86
252.6	148.8003043	30.88
238.9	166.5881931	30.73
232.2	181.0216499	30.79
221.6	178.6563324	30.83
232.6	180.0191816	30.65
224.4	186.7249594	30.58
223.7	184.5985921	30.71
229.9	187.1909456	30.68
233.3	178.312062	30.71
216.9	167.4198452	30.67
237	170.2080831	30.65
242.2	161.0618684	30.6
232.9	179.2802945	30.56
234	176.6631365	30.51
231.6	182.5632711	30.44
235.4	173.5316387	30.13
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238.4	167.507983	29.91
234.5	175.5198021	29.94
233.3	178.312062	30.09
250.5	150.728171	30.14
235.1	174.1845669	30.26
228.8	190.403504	30.41
235.9	172.4646859	30.6
214.8	163.184934	30.78
218	169.8197457	30.94
206	149.5695304	30.96
209.8	154.712722	31.03
205.4	148.8475437	31
228.4	191.6169031	30.84
228.1	192.5433417	30.56
219.5	173.3102392	30.5
227.2	195.4097096	30.44
230.9	184.4211537	30.26
213.6	160.955157	30.18
200	143.3363204	30.16
209.1	153.6876994	30.07
192	138.0276292	30
208.8	153.2595242	29.92
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227.2	195.4097096	29.77
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1.477	203.8
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1.412	206.6
1.329	235.8
1.086	242.9
1.351	222.7
1.536	211.7
1.695	217.2
1.153	220.7
1.184	220.6
1.372	215.4
1.169	214.4
1.399	212.5
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1.318	223.4
1.419	220.8
1.381	227.7
2.414	218.1
2.224	224.5
1.954	219
1.822	224.8
1.675	222.2
1.551	223.5
1.374	234.6
1.25	220.7
1.262	214
1.175	223.1
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1.169	207
1.508	205.3
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2.31	208.9
2.129	208.7
1.596	218.2
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2.021	216.5
1.466	202.4
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1.701	186.8
1.605	200.1
1.313	210.5
1.306	223.7
1.127	256.1

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159.540656	30.23
153.8318952	30.31
147.0339187	30.37
141.1176841	30.33
150.3151193	30.3
172.6759748	30.37
160.0036074	30.34
181.6899539	30.42
157.6854758	30.45
168.0614801	30.24
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176.0405229	30.31
164.3504379	30.32
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183.7103804	30.25
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193.8009328	30.21
170.0444603	30.14
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187.9748679	29.7
180.290119	29.74
184.0049395	29.86
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161.6837458	30.16
182.8356637	30.3
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150.8255466	30.53
148.729472	30.47
145.0817692	30.53
140.8336095	30.44
153.4015168	30.26
153.1182603	30.06
170.2702897	30.04
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166.5789856	29.93
145.5749597	29.85
143.9560723	29.81
141.7100752	29.69
136.1668004	29.59
143.4232201	29.5
155.7749165	29.44
184.5985921	29.43
146.1226545	29.43

1.534	229.9	187.1909456	29.79	1.975	221.8	179.1954466
1.255	208.7	153.1182603	29.88	1.604	206.1	149.6921424
1.166	218.2	170.2702897	30	1.479	213.9	161.5002424
1.784	231.6	182.5632711	30.01	2.248	224.2	186.1096044
1.075	224.3	186.4164902	30.05	1.308	216.4	166.3713526
2.052	216.4	166.3713526	30.12	2.395	213.2	160.24088
1.664	213.9	161.5002424	30.18	1.992	207.5	151.4788997
2.069	203.3	146.4994658	30.1	2.395	196.5	140.6257933
1.309	209	153.5442409	30.07	1.82	203.1	146.2898835
1.436	242.5	160.6036824	30.17	1.792	237.6	169.0279442
1.239	242	161.3712442	30.17	1.564	240.4	163.9624173
1.348	228.9	190.1039947	30.24	1.924	222	179.7400211
1.651	219.2	172.5912057	30.24	2.204	217.7	169.1522337
1.955	228.5	191.3112307	30.04	2.475	223.6	184.3010071
1.333	225.1	188.9294126	30	1.637	225.1	188.9294126
1.34	227.3	195.0846305	30.1	1.695	223.9	185.1983516
1.377	226.8	194.6299891	30.11	1.808	221.7	178.9252109
1.384	225.3	189.5740787	30.07	1.649	217.7	169.1522337
1.529	220.5	175.7860767	30	1.909	212.6	159.1957351
1.625	233.7	177.3628294	30.02	1.971	227.5	194.4394783
1.42	235.7	172.8883094	30.06	1.787	229	189.8060036
1.433	228.8	190.403504	30.08	1.819	227.1	195.6900033
1.645	235.3	173.7482078	30.04	2.137	228.3	191.9241395
2.857	225.6	190.5537426	29.98	3.489	219.5	173.3102392
2.521	232.2	181.0216499	29.72	3.294	227	195.3347893
2.376	226.7	194.2803784	29.62	3.051	220.3	175.2809825
2.326	231.9	181.7867003	29.58	2.86	227.9	193.1689136
2.026	230.9	184.4211537	29.63	2.508	229.2	189.2145397
1.821	232.7	179.7716623	29.73	2.206	225.3	189.5740787
1.548	242.3	160.9083592	29.77	2.048	238.3	167.6946976
1.238	226.8	194.6299891	29.87	1.596	223.6	184.3010071
1.257	224.6	187.3466876	29.99	1.643	214.8	163.184934
1.45	229.5	188.3385084	30.13	1.641	223.7	184.5985921
1.246	207.5	151.4788997	30.21	1.452	205.6	149.0856146
1.365	217.3	168.2774801	30.32	1.623	208.5	152.8379067
1.624	209.4	154.1225109	30.23	2.137	203.1	146.2898835
2.041	206.1	149.6921424	30.29	2.637	200.5	143.7762629
2.037	201.8	144.9848547	30.17	2.754	196	140.2893212
2.455	216.5	166.5789856	30	3.279	210.3	155.4675767
2.39	215	163.5696028	29.81	3.015	209	153.5442409
2.056	225.8	191.2154206	29.82	2.421	218.7	171.416365
1.491	228.9	190.1039947	29.86	1.853	223.4	183.7103804
2.471	225.4	189.898934	29.76	2.968	220.8	176.5532489
1.657	205	148.379085	29.66	2.037	202.1	145.2773166
2.17	205.7	149.2056183	29.64	2.794	201.2	144.4152874
2.13	204	147.2519401	29.52	2.771	196.2	140.4224336
2.005	194.9	139.5919783	29.4	2.308	188.7	136.7103661
1.691	210.1	155.1633342	29.31	2.279	201.5	144.6975271
1.206	224.4	186.7249594	29.28	1.736	214	161.6837458
1.476	231.2	183.6169505	29.28	1.802	226.5	193.5866754
1.168	261	143.4102756	29.32	1.754	254.9	146.9680947

29.65	2.244	224.4	186.7249594	178.2067529	Yes
29.71	1.888	213.1	160.0645165	148.81543	Yes
29.8	1.742	220.4	175.5328989	164.5993719	Yes
29.84	2.497	228.5	191.3112307	181.6894166	Yes
29.86	1.494	220.8	176.5532489	174.9187966	Yes
29.96	2.903	217.7	169.1522337	162.0726681	Yes
30.02	2.294	214.3	162.2397397	157.5143803	Yes
29.95	3.072	204.9	148.2635581	143.3555498	Yes
29.91	2.06	205.3	148.729472	152.0411219	Yes
30.03	1.954	241.5	162.1585863	162.7769764	Yes
30.01	1.809	246.7	154.8861795	162.9813655	Yes
30.06	2.14	228	192.8553266	183.1389049	Yes
30.05	2.335	224	185.5005447	169.5213119	Yes
29.88	2.642	228.4	191.6169031	180.9232249	Yes
29.85	1.966	226.4	193.2425592	185.2200073	Yes
29.94	2.019	226.4	193.2425592	185.2305243	Yes
29.94	2.065	224.7	187.6599662	181.2741459	Yes
29.91	2.031	225	188.6095808	174.8663219	Yes
29.85	2.156	217.3	168.2774801	165.356554	Yes
29.89	2.265	234	176.6631365	182.7349509	Yes
29.93	1.928	234.3	175.9737479	176.8666404	Yes
29.94	2.04	228.1	192.5433417	185.4817627	Yes
29.89	2.38	233.5	177.8350956	184.0341042	Yes
29.85	3.992	225.8	191.2154206	179.1179283	Yes
29.59	3.683	230	186.9076557	184.230775	Yes
29.5	3.328	224.8	187.9748679	179.2997329	Yes
29.47	3.462	232.8	179.5253688	182.6096162	Yes
29.5	2.888	231.7	182.3031224	182.3614036	Yes
29.62	2.611	231.3	183.3515534	182.9156856	Yes
29.65	2.189	238.8	166.7703272	163.6564334	Yes
29.76	1.663	226	191.884056	182.3529519	Yes
29.89	1.762	218.9	171.8828066	175.6547178	Yes
30.03	1.88	228.1	192.5433417	182.0593625	Yes
30.1	1.72	208.7	153.1182603	153.1789264	Yes
30.21	1.884	216.3	166.1647422	160.4401698	Yes
30.12	2.513	207.3	151.2154981	149.6778492	Yes
30.17	2.911	204.8	148.1486618	148.3157241	Yes
30.03	3.038	202.4	145.5749597	143.7388323	Yes
29.88	3.657	217.5	168.7126952	166.7662456	Yes
29.72	3.507	213.9	161.5002424	165.6938614	Yes
29.71	3.035	225.2	189.2509084	176.5530786	Yes
29.75	2.149	229.4	188.6290418	186.9701043	Yes
29.66	3.609	226.1	192.2210107	179.3630806	Yes
29.6	2.389	206.7	150.441715	150.0466296	Yes
29.59	3.255	206.2	149.8154124	145.2283246	Yes
29.48	2.989	202.1	145.2773166	145.768037	Yes
29.39	2.856	195.5	139.9650888	137.6241935	Yes
29.33	2.561	209.3	153.9768314	149.1359014	Yes
29.31	1.74	217.6	168.9319213	171.3013179	Yes
29.31	2.053	236.1	172.0452245	189.3029819	Yes
29.33	1.927	261	143.4102756	144.5259343	Yes

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7/27/2019	16:22	30.24	0.486
7/27/2019	16:23	30.07	0.547
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7/27/2019	16:31	28.91	0.585
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7/27/2019	16:34	28.8	0.812
7/27/2019	16:35	28.85	0.993

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225.1	188.9294126	29.38
207.9	152.0140384	29.4
231.9	181.7867003	29.42
215	163.5696028	29.42
192.1	138.0751192	29.51
202	145.1792559	29.51
183.8	135.6191797	29.58
205.7	149.2056183	29.63
194.2	139.1784222	29.65
201.4	144.6028841	29.61
206.4	150.0639356	29.69
202.3	145.4751667	29.84
204.4	147.6953406	30.04
224.9	188.2914027	30.13
222.8	181.9742025	30.07
215	163.5696028	29.97
241.7	161.8412498	29.87
237	170.2080831	29.89
228.9	190.1039947	29.96
207.9	152.0140384	30.02
198.3	141.9406579	30.31
211.8	157.8499471	30.52
205.1	148.4952449	30.68
203.5	146.7114396	30.77
205.6	149.0856146	30.93
218.2	170.2702897	31.02
207.5	151.4788997	30.91
214	161.6837458	30.73
219.5	173.3102392	30.58
208	152.1495751	30.49
226.4	193.2425592	30.53
246.6	155.008001	30.69
235	174.4043676	30.62
240.5	163.7942737	30.68
229.9	187.1909456	30.43
218.1	170.0444603	30.28
227	195.3347893	30.01
215	163.5696028	29.66
210.8	156.2417902	29.57
223.1	182.8356637	29.47
222.5	181.1257634	29.35
234	176.6631365	29.22
225.1	188.9294126	29.12
235.2	173.9658487	29.06
225.5	190.2254851	29.01
232.2	181.0216499	29.05
233.8	177.1284437	29.14

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0.915	227.2
1.119	218.3
0.84	225.5
0.99	212.5
0.936	210.9
1.39	216.9
0.998	201.8
1.745	183.6
1.381	190.5
1.299	181.7
1.542	191
2.023	186.3
1.618	197.5
1.384	198.7
1.299	197.2
1.451	203.2
1.505	211.5
1.788	210
1.461	207
1.301	217.4
0.997	221.2
1.57	214.6
1.268	201.4
1.505	196.3
1.297	200.2
1.624	198
1.555	191.1
1.688	190.9
1.406	202
1.711	201.2
1.567	203.9
1.457	206.2
1.528	204.7
1.278	220
1.371	233.6
1.313	221.7
1.116	229.6
1.084	215.9
1.218	211.4
1.884	215.7
1.733	203.9
1.338	199.6
1.841	208.8
1.788	215.3
1.675	217.8
1.34	209.2
1.698	216.4
1.563	210.4
1.528	211.4
1.816	217.7

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156.3989918	29.19
167.4198452	29.22
144.9848547	29.24
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135.458704	29.28
137.577514	29.3
136.0492916	29.3
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142.25535	29.33
141.1176841	29.46
146.3943767	29.63
157.3589946	29.74
155.0123664	29.69
150.8255466	29.63
168.49455	29.57
177.5942369	29.62
162.8040494	29.67
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140.4897269	29.91
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141.7100752	30.15
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137.5349652	30.3
145.1792559	30.35
144.4152874	30.21
147.1426245	30.06
149.8154124	29.97
148.034394	29.94
174.5327325	30.01
177.5983781	30.23
178.9252109	30.22
188.0494405	30.26
165.3484246	30.03
157.1969778	29.87
164.946271	29.65
147.1426245	29.36
142.9941199	29.26
153.2595242	29.18
164.1537804	29.1
169.3736382	29.02
153.8318952	28.96
166.3713526	28.91
155.6208578	28.89
157.1969778	28.92
169.1522337	28.99

1.524	243.4	159.2706591	29.25	1.837	240	164.6434892
1.027	240.9	163.1300876	29.16	1.271	237.1	170.0089535
1.054	230	186.9076557	29.14	1.45	221.2	177.5942369
0.972	236.6	171.014516	29.11	1.144	228.1	192.5433417
0.834	223.4	183.7103804	29.09	1.237	215	163.5696028
0.897	214.7	162.994021	29.09	1.173	211.4	157.1969778
1.366	229.7	187.7618297	29.12	1.786	218.7	171.416365
0.992	211.8	157.8499471	29.14	1.295	202.3	145.4751667
1.852	192.4	138.2203136	29.16	2.436	185.3	135.8458714
1.48	205	148.379085	29.12	1.716	194.9	139.5919783
1.434	189.3	136.9142707	29.13	1.616	184.5	135.7132992
1.489	198	141.7100752	29.14	2.001	190.6	137.4099861
2.212	195.5	139.9650888	29.14	2.808	186.8	136.1668004
1.614	204.4	147.6953406	29.09	2.177	197.6	141.4098131
1.544	208	152.1495751	29.16	1.951	202.3	145.4751667
1.485	206.3	149.9393426	29.26	1.72	198.8	142.3353263
1.609	210.3	155.4675767	29.41	1.975	203.4	146.6051528
1.646	220.5	175.7860767	29.5	2.107	214.6	162.8040494
1.835	221	177.0711342	29.43	2.413	211.2	156.8753741
1.544	216.2	165.9591491	29.37	1.983	211.1	156.7157803
1.2	230.4	185.7886529	29.33	1.719	226.6	193.9326112
1.189	233	179.0364331	29.4	1.416	222.9	182.2598979
1.795	222.5	181.1257634	29.45	2.287	219.1	172.3538995
1.562	212.8	159.540656	29.49	1.789	203.7	146.9258206
1.689	202	145.1792559	29.65	2.002	195.1	139.7144254
1.614	208	152.1495751	29.73	1.831	201.4	144.6028841
1.704	204.3	147.5835656	29.82	2.308	196.5	140.6257933
1.827	198.6	142.1758963	29.85	2.229	191.3	137.7078372
1.832	198.4	142.0185516	29.92	2.352	189.4	136.949775
1.744	210.2	155.3150699	29.96	2.083	203.5	146.7114396
1.78	207.4	151.3468538	29.82	2.358	201.9	145.0817692
1.666	211.6	157.5218261	29.68	2.22	204.2	147.4724086
1.605	213.7	161.1359522	29.61	1.949	207.8	151.8792052
1.644	209.2	153.8318952	29.61	2.019	202.1	145.2773166
1.504	227.4	194.7612235	29.7	1.855	219.6	173.55231
1.402	237.5	169.2222095	29.94	1.91	233.5	177.8350956
1.591	228.7	190.7045403	29.96	1.984	221	177.0711342
1.254	234.8	174.8472386	30	1.603	231.3	183.3515534
1.254	225.8	191.2154206	29.8	1.407	221.8	179.1954466
1.314	219.9	174.2857928	29.64	1.665	209.2	153.8318952
1.993	223.1	182.8356637	29.46	2.66	216.7	166.9973396
1.795	215.3	164.1537804	29.22	2.274	208.1	152.2858181
1.473	210.7	156.0853794	29.12	1.768	203.5	146.7114396
1.785	218.4	170.7253164	29.07	2.47	209.6	154.4161117
2.027	223.7	184.5985921	29.01	2.585	216.9	167.4198452
1.944	229.6	188.0494405	28.94	2.447	222.9	182.2598979
1.463	222.7	181.6899539	28.9	1.769	217.5	168.7126952
1.961	229.1	189.5095215	28.86	2.444	222.1	180.0143756
1.873	221.9	179.4670474	28.86	2.2	213.6	160.955157
1.757	223.6	184.3010071	28.87	2.115	216.6	166.7876462
2.199	226.5	193.5866754	28.95	2.755	218.5	170.9545255

29.25	2.121	243.4	159.2706591	164.2706587	Yes
29.16	1.388	243.1	159.7081601	172.7168038	Yes
29.15	1.508	228.6	191.0071128	182.5209407	Yes
29.12	1.329	234.1	176.4322033	177.5764316	Yes
29.1	1.245	220.3	175.2809825	173.8084887	Yes
29.11	1.349	214.2	162.0534901	157.1510072	Yes
29.13	2.033	225	188.6095808	177.0961851	Yes
29.17	1.488	205.9	149.4475739	152.9698928	Yes
29.18	2.722	193.5	138.7879636	136.9343332	Yes
29.16	1.879	203.7	146.9258206	142.6298832	Yes
29.17	2.095	191.8	137.9340071	135.9263634	Yes
29.19	2.43	197	140.9746448	141.4757984	Yes
29.2	3.177	195	139.6529623	137.8399008	Yes
29.14	2.466	203.6	146.8183282	143.7610148	Yes
29.19	2.326	207.9	152.0140384	147.4860069	Yes
29.26	2.117	204.2	147.4724086	144.7168799	Yes
29.41	2.367	210.7	156.0853794	149.0406117	Yes
29.46	2.535	221.2	177.5942369	171.0601309	Yes
29.39	2.685	217.8	169.3736382	167.7332693	Yes
29.33	2.398	217.8	169.3736382	159.2675197	Yes
29.3	1.866	229.6	188.0494405	177.514266	Yes
29.38	1.666	226.1	192.2210107	177.2746628	Yes
29.43	2.67	226.1	192.2210107	176.5969268	Yes
29.44	2.35	211.5	157.3589946	150.7708498	Yes
29.61	2.427	201	144.2299319	141.8310165	Yes
29.67	2.297	208	152.1495751	149.5282673	Yes
29.77	2.645	202.5	145.6753339	144.6036697	Yes
29.78	2.751	200.7	143.9560723	141.0539204	Yes
29.87	2.727	195.5	139.9650888	141.3972266	Yes
29.92	2.61	210	155.0123664	154.3690138	Yes
29.78	2.63	205.1	148.4952449	148.0807025	Yes
29.66	2.483	212.9	159.7144084	153.4551512	Yes
29.59	2.511	215.2	163.9580918	159.0352022	Yes
29.58	2.513	208.5	152.8379067	149.8232952	Yes
29.67	2.099	223.1	182.8356637	184.0222063	Yes
29.89	1.969	236.5	171.2186266	169.915921	Yes
29.9	2.225	224.3	186.4164902	180.2763132	Yes
29.94	1.845	235.9	172.4646859	177.5106266	Yes
29.75	1.778	226.8	194.6299891	180.7375594	Yes
29.62	2.006	214.6	162.8040494	163.8397815	Yes
29.45	2.886	219.6	173.55231	177.5285159	Yes
29.26	2.555	214.3	162.2397397	156.7879564	Yes
29.16	2.183	210.7	156.0853794	150.5081823	Yes
29.12	2.764	216.4	166.3713526	165.309154	Yes
29.06	3.191	221.1	177.3320297	174.3244953	Yes
29	2.685	225.6	190.5537426	179.0865283	Yes
28.96	2.14	224.2	186.1096044	173.2909892	Yes
28.92	2.968	227.5	194.4394783	177.4652746	Yes
28.91	2.551	220.8	176.5532489	171.5671368	Yes
28.93	2.599	222.3	180.5672593	172.3268203	Yes
29	3.116	225.2	189.2509084	177.7054696	Yes

7/27/2019	16:36	28.93	0.84
7/27/2019	16:37	29.04	0.868
7/27/2019	16:38	29.11	0.699
7/27/2019	16:39	29.21	1.07
7/27/2019	16:40	29.28	1.001
7/27/2019	16:41	29.35	0.667
7/27/2019	16:42	29.51	0.911
7/27/2019	16:43	29.65	0.683
7/27/2019	16:44	29.72	0.681
7/27/2019	16:45	29.6	0.775
7/27/2019	16:46	29.51	0.792
7/27/2019	16:47	29.63	0.65
7/27/2019	16:48	29.8	0.735
7/27/2019	16:49	30.01	0.672
7/27/2019	16:50	30.22	0.586
7/27/2019	16:51	30.4	0.697
7/27/2019	16:52	30.45	0.815
7/27/2019	16:53	30.5	0.901
7/27/2019	16:54	30.56	0.904
7/27/2019	16:55	30.48	1.01
7/27/2019	16:56	30.34	0.829
7/27/2019	16:57	30.19	0.723
7/27/2019	16:58	30.05	0.954
7/27/2019	16:59	29.99	0.811
7/27/2019	17:00	29.9	0.887
7/27/2019	17:01	29.84	0.809
7/27/2019	17:02	29.75	0.91
7/27/2019	17:03	29.66	0.812
7/27/2019	17:04	29.65	0.712
7/27/2019	17:05	29.68	0.7
7/27/2019	17:06	29.75	0.756
7/27/2019	17:07	29.84	0.653
7/27/2019	17:08	29.89	0.715
7/27/2019	17:09	29.87	0.726
7/27/2019	17:10	29.93	0.749
7/27/2019	17:11	30.1	0.838
7/27/2019	17:12	30.26	0.703
7/27/2019	17:13	30.38	0.695
7/27/2019	17:14	30.44	0.859
7/27/2019	17:15	30.52	0.93
7/27/2019	17:16	30.59	0.878
7/27/2019	17:17	30.61	0.792
7/27/2019	17:18	30.61	0.753
7/27/2019	17:19	30.66	0.657
7/27/2019	17:20	30.63	0.751
7/27/2019	17:21	30.56	0.665
7/27/2019	17:22	30.6	0.602
7/27/2019	17:23	30.63	0.872
7/27/2019	17:24	30.68	0.962
7/27/2019	17:25	30.67	0.722
7/27/2019	17:26	30.57	0.887

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232.6	180.0191816	29.43
227.7	193.8009328	29.51
218.8	171.6490075	29.64
232.1	181.2753983	29.72
232.1	181.2753983	29.79
210.3	155.4675767	30.02
223.4	183.7103804	30.19
229.8	187.4756675	30.28
238.2	167.8823409	30.03
221	177.0711342	29.84
206.8	150.5689831	29.98
200.2	143.5106627	30.22
192.3	138.1714606	30.51
204.8	148.1486618	30.79
217.2	168.0614801	30.98
211.2	156.8753741	30.98
200.7	143.9560723	30.97
197.1	141.0459134	31.01
182.1	135.475212	30.86
198.5	142.096964	30.68
199.5	142.9099119	30.51
210.7	156.0853794	30.38
207.7	151.7450728	30.33
194.3	139.23608	30.19
197.9	141.6342428	30.12
188.7	136.7103661	30.03
195.9	140.2234999	29.94
193.9	139.008273	29.96
180.4	135.4506575	30.04
204	147.2519401	30.18
202.9	146.0826775	30.32
220.7	176.2962446	30.37
216.9	167.4198452	30.28
198.8	142.3353263	30.35
199	142.4968525	30.56
212	158.1813694	30.79
213.7	161.1359522	30.94
204.1	147.3618674	30.98
200.9	144.1380905	31.05
199.8	143.1641434	31.14
216.9	167.4198452	31.18
207.8	151.8792052	31.2
216.2	165.9591491	31.27
215.6	164.7466785	31.2
222.5	181.1257634	31.09
222.5	181.1257634	31.12
218.1	170.0444603	31.11
196.5	140.6257933	31.14
228.5	191.3112307	31.14
227.1	195.6900033	31.02

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2.036	207.2
1.927	213.5
1.531	213.8
1.654	203.2
1.375	211.2
1.616	221.3
1.669	221.4
1.565	207
1.399	201.2
1.504	195.4
1.176	189.4
0.967	205.7
1.202	204.8
1.205	212.3
1.373	197
1.36	190.6
1.756	178.6
1.565	190.5
1.723	188.7
1.555	196.3
1.46	195
1.403	191.6
1.615	193.5
1.76	183.6
1.749	188.6
1.325	186.8
1.601	177.4
1.364	198.9
1.318	199
1.526	211
1.265	212
1.167	197
1.116	187.5
1.07	211.6
1.107	209.7
1.309	203.1
1.392	190.6
1.431	199
1.264	208.6
0.964	212.4
1.25	214.4
1.446	215
1.294	213.9
0.959	221.6
1.317	216.3
1.405	194.2
1.238	218.2
1.649	212.1

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164.548069	29.23
155.9297559	29.31
151.0848301	29.41
160.7752562	29.46
161.3176459	29.56
146.3943767	29.73
156.8753741	29.89
177.8577632	29.96
178.1226162	29.76
150.8255466	29.63
144.4152874	29.73
139.9016992	29.92
136.949775	30.18
149.2056183	30.43
148.1486618	30.63
158.684756	30.64
140.9746448	30.62
137.4099861	30.64
135.5547035	30.49
137.3692134	30.27
136.7103661	30.09
140.4897269	29.94
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137.8421902	29.8
138.7879636	29.73
135.5960285	29.65
136.6778973	29.55
136.1668004	29.57
135.6986053	29.63
142.4158267	29.75
142.4968525	29.88
156.5569873	29.95
158.1813694	29.92
140.9746448	29.96
136.3491176	30.14
157.5218261	30.28
154.5640391	30.4
146.2898835	30.39
137.4099861	30.42
142.4968525	30.45
152.9777221	30.43
158.8542338	30.46
162.4269132	30.53
163.5696028	30.47
161.5002424	30.42
178.6563324	30.44
166.1647422	30.45
139.1784222	30.46
170.2702897	30.42
158.3483275	30.35

1.692	217.2	168.0614801	29.05	2.304	210.4	155.6208578
2.166	227.1	195.6900033	29.16	2.749	219	172.1177686
1.57	221.4	178.1226162	29.23	1.984	212	158.1813694
2.267	218	169.8197457	29.32	2.772	211.8	157.8499471
2.232	226	191.884056	29.36	2.73	219.9	174.2857928
1.464	224.8	187.9748679	29.44	2.037	216.4	166.3713526
1.814	212.1	158.3483275	29.58	2.22	208.3	152.5604335
1.376	222.1	180.0143756	29.71	1.751	214.4	162.4269132
1.905	228.7	190.7045403	29.76	2.399	224.1	185.8042924
2.083	233.3	178.312062	29.59	2.527	229.4	188.6290418
1.738	216.3	166.1647422	29.48	2.153	210.7	156.0853794
1.487	211.4	157.1969778	29.56	1.945	202.3	145.4751667
1.601	199.5	142.9099119	29.72	2.053	190.8	137.4928614
1.545	193	138.5230334	29.93	1.675	187.3	136.2949008
1.251	206.3	149.9393426	30.11	1.602	199.6	142.9941199
1.564	209.5	154.2689366	30.28	1.94	200.8	144.0468045
1.633	215.2	163.9580918	30.28	1.923	206	149.5695304
1.819	200.6	143.8658923	30.26	2.169	191.7	137.8878733
1.658	196.5	140.6257933	30.25	2.145	186	135.9838512
2.212	185.8	135.9423289	30.12	2.645	179.6	135.4803714
1.993	193.8	138.952495	29.91	2.459	186.3	136.0492916
1.781	193.5	138.7879636	29.74	2.418	187.5	136.3491176
1.84	205.5	148.9662571	29.62	2.221	195.8	140.1581671
1.686	203.5	146.7114396	29.62	2.058	195.6	140.0289626
1.65	194.6	139.411891	29.52	1.932	189.1	136.8445673
1.63	199.3	142.7430964	29.46	2.149	193.2	138.6276173
2.051	190.6	137.4099861	29.41	2.492	184.7	135.7439374
1.775	196.2	140.4224336	29.32	2.383	187.2	136.2684311
1.492	192.9	138.471433	29.34	1.774	184.2	135.6704665
1.617	179.4	135.4919297	29.42	2.086	176	135.9423289
1.628	207.8	151.8792052	29.54	1.948	197.7	141.484113
1.361	205.7	149.2056183	29.65	1.757	196	140.2893212
1.517	215.2	163.9580918	29.71	1.984	209.3	153.9768314
1.567	216.2	165.9591491	29.69	1.854	208.6	152.9777221
1.429	200.1	143.4232201	29.72	1.845	195	139.6529623
1.673	198.5	142.096964	29.87	1.768	189.9	137.1338452
1.422	214.8	163.184934	29.98	1.746	206.6	150.3151193
1.659	211.6	157.5218261	30.07	1.882	203.4	146.6051528
1.739	208.6	152.9777221	30.06	2.13	200	143.3363204
1.828	196.8	140.8336095	30.06	2.155	189	136.810367
2.005	200.8	144.0468045	30.1	2.329	193.3	138.6806025
1.593	212.9	159.7144084	30.08	2.01	204.2	147.4724086
1.461	214.9	163.3767931	30.11	1.499	204.5	147.8077356
1.672	217	167.6326681	30.19	1.945	209.1	153.6876994
1.795	219.9	174.2857928	30.14	2.22	211	156.5569873
1.562	213.5	160.7752562	30.1	2.075	208.4	152.6988115
1.379	221.2	177.5942369	30.11	1.705	213.1	160.0645165
1.81	217.1	167.8465446	30.13	2.158	208.2	152.4227699
1.954	197.1	141.0459134	30.15	2.259	188.6	136.6778973
1.716	220.5	175.7860767	30.13	2.053	215.4	164.3504379
2.132	217.6	168.9319213	30.08	2.588	208.4	152.6988115

29.08	2.56	217.5	168.7126952	162.2061672	Yes
29.18	3.123	224.2	186.1096044	178.0937557	Yes
29.25	2.445	216.8	167.2080708	171.5086686	Yes
29.32	3.244	217.8	169.3736382	162.6008826	Yes
29.37	3.226	225	188.6095808	177.0551258	Yes
29.45	2.174	222.4	180.8458047	174.2348162	Yes
29.57	2.651	217.4	168.49455	153.1926786	Yes
29.68	2.056	221.1	177.3320297	170.7567608	Yes
29.72	2.812	230.2	186.3453391	185.4605659	Yes
29.55	2.98	232.6	180.0191816	178.2365153	Yes
29.46	2.294	215.9	165.3484246	162.5367006	Yes
29.55	2.259	209.3	153.9768314	149.4141037	Yes
29.68	2.379	198	141.7100752	140.9537838	Yes
29.89	2.247	194.9	139.5919783	137.4847925	Yes
30.04	1.92	208.6	152.9777221	147.5719357	Yes
30.21	2.212	206.3	149.9393426	153.6314708	Yes
30.21	2.338	211.3	157.0357721	157.2719381	Yes
30.17	2.661	198.7	142.25535	141.6711207	Yes
30.18	2.544	192.9	138.471433	138.766386	Yes
30.1	3.236	187.5	136.3491176	135.613154	Yes
29.92	2.885	191.4	137.7521729	138.616991	Yes
29.77	2.794	195.6	140.0289626	138.6893398	Yes
29.65	2.617	204	147.2519401	146.4248826	Yes
29.67	2.411	199.3	142.7430964	144.5346093	Yes
29.58	2.431	193.4	138.734051	138.3336821	Yes
29.51	2.361	197.1	141.0459134	140.44823	Yes
29.45	3.027	192.9	138.471433	136.3650795	Yes
29.38	2.657	194.6	139.411891	138.3980655	Yes
29.41	2.24	188.4	136.6142539	137.3292433	Yes
29.49	2.506	184	135.6439919	135.6458804	Yes
29.61	2.352	205.8	149.3262707	145.7577713	Yes
29.71	1.884	199	142.4968525	144.5186174	Yes
29.74	2.32	215.7	164.946271	162.6970388	Yes
29.7	2.313	214.9	163.3767931	161.1345214	Yes
29.72	2.024	200.8	144.0468045	141.5965384	Yes
29.86	2.382	198.8	142.3353263	139.5191948	Yes
29.97	1.871	212.8	159.540656	157.3008122	Yes
30.03	2.365	213.6	160.955157	154.9567425	Yes
30.01	2.535	208.1	152.2858181	147.4914483	Yes
30	2.736	199.3	142.7430964	139.7980133	Yes
30.03	2.909	202.8	145.9799608	142.0971007	Yes
30.05	2.287	211.4	157.1969778	156.8960961	Yes
30.09	1.84	213.6	160.955157	155.4794919	Yes
30.13	2.297	216.5	166.5789856	162.4266074	Yes
30.08	2.59	217.7	169.1522337	164.7897653	Yes
30.05	2.278	213.9	161.5002424	164.0250184	Yes
30.05	1.89	222	179.7400211	174.3602123	Yes
30.07	2.558	216.3	166.1647422	164.1196292	Yes
30.1	2.719	196.4	140.557513	139.3820065	Yes
30.09	2.257	222.9	182.2598979	175.4295087	Yes
30.04	2.971	213.5	160.7752562	168.9172659	Yes

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7/27/2019	17:29	30.52	0.643
7/27/2019	17:30	30.56	0.633
7/27/2019	17:31	30.59	0.724
7/27/2019	17:32	30.66	0.568
7/27/2019	17:33	30.77	0.701
7/27/2019	17:34	30.8	0.64
7/27/2019	17:35	30.72	0.665
7/27/2019	17:36	30.68	0.716
7/27/2019	17:37	30.71	0.884
7/27/2019	17:38	30.81	0.461
7/27/2019	17:39	30.91	0.703
7/27/2019	17:40	30.92	0.579
7/27/2019	17:41	30.8	0.797
7/27/2019	17:42	30.68	1.061
7/27/2019	17:43	30.62	1.006
7/27/2019	17:44	30.53	0.906
7/27/2019	17:45	30.39	1
7/27/2019	17:46	30.37	0.653
7/27/2019	17:47	30.44	0.686
7/27/2019	17:48	30.5	0.952
7/27/2019	17:49	30.46	0.968
7/27/2019	17:50	30.45	0.942
7/27/2019	17:51	30.35	0.722
7/27/2019	17:52	30.25	0.893
7/27/2019	17:53	30.18	0.755
7/27/2019	17:54	30.17	0.683
7/27/2019	17:55	30.21	0.558
7/27/2019	17:56	30.25	0.638
7/27/2019	17:57	30.34	0.548
7/27/2019	17:58	30.37	0.678
7/27/2019	17:59	30.42	0.441
7/27/2019	18:00	30.47	0.759
7/27/2019	18:01	30.44	0.737
7/27/2019	18:02	30.31	0.942
7/27/2019	18:03	30.2	0.931
7/27/2019	18:04	30.09	0.955
7/27/2019	18:05	30.05	0.822
7/27/2019	18:06	30.04	1.086
7/27/2019	18:07	30.01	0.801
7/27/2019	18:08	30	0.725
7/27/2019	18:09	30.01	0.833
7/27/2019	18:10	30.04	0.677
7/27/2019	18:11	30.07	0.871
7/27/2019	18:12	30.12	0.68
7/27/2019	18:13	30.09	0.642
7/27/2019	18:14	30.06	0.643
7/27/2019	18:15	29.99	1.047
7/27/2019	18:16	29.94	0.698
7/27/2019	18:17	29.94	0.817

199.7	143.0788632	30.89
226.1	192.2210107	30.83
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223.4	183.7103804	31.02
211.8	157.8499471	31.05
210.4	155.6208578	31.14
224.2	186.1096044	31.28
238.8	166.7703272	31.3
229.7	187.7618297	31.15
213	159.8890273	31.09
216.1	165.7545685	31.13
220.6	176.0405229	31.29
216	165.5509953	31.47
232.4	180.5179243	31.54
239.2	166.0471971	31.34
205.5	148.9662571	31.14
209.6	154.4161117	31.07
206.4	150.0639356	30.96
206.7	150.441715	30.83
212.8	159.540656	30.87
206.1	149.6921424	30.99
201.4	144.6028841	31.11
211	156.5569873	31.04
211.1	156.7157803	31.03
215.8	165.1468514	30.92
222.7	181.6899539	30.77
231.5	182.824721	30.66
219.3	172.8296935	30.64
233.4	178.0729882	30.69
222.7	181.6899539	30.73
235.7	172.8883094	30.86
236.1	172.0452245	30.9
219.5	173.3102392	30.94
238.9	166.5881931	31.02
237	170.2080831	30.96
224.3	186.4164902	30.74
220.8	176.5532489	30.59
228.3	191.9241395	30.48
223.4	183.7103804	30.46
211.1	156.7157803	30.45
214.6	162.8040494	30.45
230.2	186.3453391	30.47
218.3	170.4972397	30.5
221.5	178.3888034	30.55
222.2	180.290119	30.59
229.1	189.5095215	30.64
222.7	181.6899539	30.59
227.1	195.6900033	30.56
229.2	189.2145397	30.45
214.9	163.3767931	30.36
230.1	186.6257896	30.36

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0.922	216.9
1.097	224.1
1.204	210.9
0.782	215.9
0.919	224.3
1.13	231.5
1.176	221.8
1.156	213.7
0.86	210.6
0.71	219
0.811	212.6
0.947	231.3
1.386	231.5
1.387	202.7
1.749	202.2
1.74	206.4
1.888	203.2
0.96	208.7
1.157	204.4
1.308	200.7
1.569	212.6
1.529	204.8
1.529	218.7
1.365	219.2
1.243	225.2
1.141	223.7
1.146	235.2
1.063	223
0.839	234.4
1.066	237.7
0.726	238.2
0.974	229.9
1.234	238.4
1.601	222.4
1.401	221
1.725	221.4
1.517	217.5
1.652	210.9
1.503	210.7
1.371	229.4
1.203	217.5
1.1	216.4
1.338	217
1.051	232.6
1.259	225.5
1.143	230.2
1.693	222.8
1.368	209.9
1.4	223.8

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193.9326112	30.2
167.4198452	30.27
185.8042924	30.34
156.3989918	30.38
165.3484246	30.44
186.4164902	30.56
182.824721	30.54
179.1954466	30.44
161.1359522	30.39
155.9297559	30.39
172.1177686	30.49
159.1957351	30.6
183.3515534	30.68
182.824721	30.57
145.8778326	30.38
145.3759529	30.26
150.0639356	30.15
146.3943767	30.05
153.1182603	30.07
147.6953406	30.19
143.9560723	30.26
159.1957351	30.21
148.1486618	30.19
171.416365	30.11
172.5912057	30.06
189.2509084	30
184.5985921	30.02
173.9658487	30.08
182.5470487	30.13
175.7462142	30.22
168.8346381	30.27
167.8823409	30.3
187.1909456	30.34
167.507983	30.29
180.8458047	30.14
177.0711342	30
178.1226162	29.92
168.7126952	29.89
156.3989918	29.86
156.0853794	29.85
188.6290418	29.86
168.7126952	29.92
166.3713526	29.94
167.6326681	29.95
180.0191816	29.97
190.2254851	29.97
186.3453391	29.93
181.9742025	29.88
154.8621634	29.81
184.8977039	29.81

1.973	201.5	144.6975271	29.98	2.559	196.8	140.8336095
1.565	223.9	185.1983516	29.93	1.92	219	172.1177686
1.468	218	169.8197457	30	1.541	211.6	157.5218261
1.504	218.8	171.6490075	30.07	1.738	214.6	162.8040494
1.67	212.8	159.540656	30.09	1.951	202.8	145.9799608
1.172	214.1	161.8681603	30.13	1.439	208.7	153.1182603
1.369	223.1	182.8356637	30.23	1.649	218.5	170.9545255
1.698	231.4	183.0874794	30.21	1.885	228.3	191.9241395
1.588	221.9	179.4670474	30.14	1.977	214.3	162.2397397
1.784	216.1	165.7545685	30.09	2.017	209.1	153.6876994
1.63	212.9	159.7144084	30.07	1.554	203.2	146.3943767
1.106	215.8	165.1468514	30.13	1.271	207.5	151.4788997
1.386	212.2	158.5161218	30.22	1.554	208.4	152.6988115
1.331	226.6	193.9326112	30.32	1.628	224.2	186.1096044
1.856	230.7	184.9640411	30.24	2.433	224.4	186.7249594
2.071	206.6	150.3151193	30.07	2.436	195.6	140.0289626
2.411	204.9	148.2635581	29.95	2.793	196.3	140.4897269
2.145	207.7	151.7450728	29.85	2.666	199.4	142.8262379
2.018	206.6	150.3151193	29.76	2.73	198.4	142.0185516
1.277	211.1	156.7157803	29.78	1.633	201.7	144.8885107
1.501	203.5	146.7114396	29.87	1.981	196	140.2893212
1.947	205.7	149.2056183	29.93	2.229	197.9	141.6342428
1.945	213.2	160.24088	29.9	2.518	206.4	150.0639356
1.96	207.6	151.6116385	29.87	2.473	198.1	141.786421
1.764	218	169.8197457	29.8	2.368	211.6	157.5218261
1.875	219.6	173.55231	29.76	2.338	214.6	162.8040494
1.534	226.5	193.5866754	29.72	1.935	218.8	171.6490075
1.515	224.4	186.7249594	29.75	1.845	217.5	168.7126952
1.32	234.2	176.202409	29.79	1.829	225.8	191.2154206
1.469	221.1	177.3320297	29.85	1.683	213.8	161.3176459
1.158	228.3	191.9241395	29.93	1.402	221.2	177.5942369
1.463	234.4	175.7462142	29.98	1.633	229.2	189.2145397
1.005	228.5	191.3112307	30	1.182	227.1	195.6900033
1.44	231.4	183.0874794	30.03	1.646	222.6	181.4071437
1.576	234.9	174.6252563	30	1.943	229.6	188.0494405
1.996	221.7	178.9252109	29.87	2.524	216.7	166.9973396
1.882	223.1	182.8356637	29.75	2.217	215.9	165.3484246
1.979	223.8	184.8977039	29.67	2.517	215.6	164.7466785
1.742	217.5	168.7126952	29.64	2.235	208.9	153.4015168
2.14	211.8	157.8499471	29.61	2.59	206.4	150.0639356
1.827	215.6	164.7466785	29.6	2.181	206.9	150.6969261
1.619	227.9	193.1689136	29.6	2.019	221.2	177.5942369
1.577	217.9	169.5961403	29.66	1.933	209.9	154.8621634
1.596	216.5	166.5789856	29.68	1.833	210.9	156.3989918
1.695	219.2	172.5912057	29.67	1.975	210.9	156.3989918
1.464	227	195.3347893	29.66	1.634	224.1	185.8042924
1.612	222.7	181.6899539	29.67	1.857	216.7	166.9973396
1.452	228.3	191.9241395	29.65	1.723	219.6	173.55231
2.146	227.4	194.7612235	29.64	2.617	219.7	173.7955882
1.515	214	161.6837458	29.57	2.064	206.5	150.1891937
1.727	224.8	187.9748679	29.55	2.086	219.3	172.8296935

29.96	2.872	202.7	145.8778326	142.98658	Yes
29.91	2.286	226.4	193.2425592	185.8674355	Yes
29.97	1.993	217.1	167.8465446	166.8381557	Yes
30.03	2.044	223.6	184.3010071	175.9919324	Yes
30.05	2.449	209.5	154.2689366	154.9423889	Yes
30.1	1.644	218.4	170.7253164	158.9889257	Yes
30.16	1.927	228.2	192.2329492	181.5790709	Yes
30.15	2.274	234.1	176.4322033	181.1516668	Yes
30.08	2.134	220.1	174.7809062	177.1660159	Yes
30.04	2.431	215.6	164.7466785	160.1168118	Yes
30.02	2.102	211.7	157.6854758	156.9482774	Yes
30.09	1.471	214.2	162.0534901	166.1960107	Yes
30.18	1.846	216.7	166.9973396	158.9904159	Yes
30.28	1.732	230	186.9076557	185.9779233	Yes
30.18	2.719	229	189.8060036	180.1402297	Yes
30.01	3.063	204.7	148.034394	146.2970429	Yes
29.91	3.475	205.1	148.4952449	147.1363374	Yes
29.83	3.223	208.7	153.1182603	148.6747955	Yes
29.77	3.051	204.8	148.1486618	147.2924407	Yes
29.8	1.8	205.5	148.9662571	153.5658018	Yes
29.9	2.292	202	145.1792559	146.0970609	Yes
29.96	2.736	205.3	148.729472	144.8497044	Yes
29.91	2.9	212.3	158.684756	156.5143845	Yes
29.87	2.814	203.3	146.4994658	149.5656254	Yes
29.82	2.623	218.9	171.8828066	165.9761971	Yes
29.77	2.798	220.7	176.2962446	172.6593798	Yes
29.73	2.119	226.6	193.9326112	184.3278281	Yes
29.76	2.185	226	191.884056	178.2164851	Yes
29.78	1.948	233.2	178.5523232	179.8641666	Yes
29.84	1.946	222	179.7400211	175.7216695	Yes
29.92	1.504	229	189.8060036	179.538225	Yes
29.97	1.989	236.4	171.4237479	176.4601541	Yes
29.98	1.366	235.2	173.9658487	182.0484535	Yes
30	1.867	230.3	186.0662962	179.5684404	Yes
29.98	2.156	235.8	172.6759748	175.0976907	Yes
29.85	3.069	224.1	185.8042924	178.2962113	Yes
29.75	2.587	226	191.884056	175.4521178	Yes
29.68	2.864	224.3	186.4164902	179.9227845	Yes
29.64	2.568	216.9	167.4198452	168.6343219	Yes
29.63	3.077	214.4	162.4269132	155.2571637	Yes
29.64	2.572	216.8	167.2080708	158.5832583	Yes
29.65	2.242	227.9	193.1689136	186.4343829	Yes
29.7	2.204	219.6	173.55231	165.9170597	Yes
29.72	2.232	219.5	173.3102392	166.9345334	Yes
29.69	2.321	216.9	167.4198452	169.2282461	Yes
29.69	1.963	230.8	184.6919171	187.6669462	Yes
29.69	2.219	225.2	189.2509084	180.1506831	Yes
29.67	1.917	227.3	195.0846305	186.877948	Yes
29.67	3.014	225.9	191.5488631	184.9363885	Yes
29.62	2.243	210.9	156.3989918	157.527974	Yes
29.61	2.396	226.8	194.6299891	183.0820137	Yes

7/27/2019	18:18	29.92	0.752
7/27/2019	18:19	29.94	0.795
7/27/2019	18:20	29.92	0.665
7/27/2019	18:21	29.89	0.611
7/27/2019	18:22	29.86	0.463
7/27/2019	18:23	29.87	0.676
7/27/2019	18:24	29.85	0.702
7/27/2019	18:25	29.84	0.415
7/27/2019	18:26	29.85	0.84
7/27/2019	18:27	29.76	0.629
7/27/2019	18:28	29.77	0.658
7/27/2019	18:29	29.8	0.787
7/27/2019	18:30	29.76	0.682
7/27/2019	18:31	29.69	0.714
7/27/2019	18:32	29.69	0.588
7/27/2019	18:33	29.74	0.289
7/27/2019	18:34	29.83	0.416
7/27/2019	18:35	29.86	0.472
7/27/2019	18:36	29.92	0.494
7/27/2019	18:37	29.94	0.39
7/27/2019	18:38	29.94	0.41
7/27/2019	18:39	30	0.541
7/27/2019	18:40	30.06	0.623
7/27/2019	18:41	30	0.55
7/27/2019	18:42	29.99	0.457
7/27/2019	18:43	29.89	0.481
7/27/2019	18:44	29.77	0.547
7/27/2019	18:45	29.74	0.511
7/27/2019	18:46	29.64	0.631
7/27/2019	18:47	29.57	0.703
7/27/2019	18:48	29.52	0.449
7/27/2019	18:49	29.49	0.628
7/27/2019	18:50	29.43	0.583
7/27/2019	18:51	29.39	0.661
7/27/2019	18:52	29.35	0.488
7/27/2019	18:53	29.35	0.43
7/27/2019	18:54	29.27	0.739
7/27/2019	18:55	29.23	0.808
7/27/2019	18:56	29.17	0.602
7/27/2019	18:57	29.16	0.566
7/27/2019	18:58	29.14	0.563
7/27/2019	18:59	29.12	0.5
7/27/2019	19:00	29.13	0.326
7/27/2019	19:01	29.12	0.513
7/27/2019	19:02	29.16	0.452
7/27/2019	19:03	29.2	0.547
7/27/2019	19:04	29.21	0.454
7/27/2019	19:05	29.18	0.501
7/27/2019	19:06	29.16	0.713
7/27/2019	19:07	29.11	0.597
7/27/2019	19:08	29.04	0.46

222.1	180.0143756	30.37
224.2	186.1096044	30.44
228.7	190.7045403	30.42
248.6	152.6948941	30.37
231	184.1517432	30.31
220.8	176.5532489	30.32
234.7	175.0703199	30.31
237.3	169.6136358	30.29
236.4	171.4237479	30.32
229.3	188.9210494	30.18
218.2	170.2702897	30.21
215.4	164.3504379	30.28
228.2	192.2329492	30.24
232.1	181.2753983	30.15
215.5	164.548069	30.18
214.4	162.4269132	30.27
227.2	195.4097096	30.46
226.5	193.5866754	30.47
219.2	172.5912057	30.54
221.7	178.9252109	30.56
216.6	166.7876462	30.55
199.5	142.9099119	30.63
214.1	161.8681603	30.7
222.5	181.1257634	30.61
203.1	146.2898835	30.61
234.8	174.8472386	30.49
222.3	180.5672593	30.3
221.6	178.6563324	30.25
217	167.6326681	30.12
214.7	162.994021	30
227.5	194.4394783	29.95
212.2	158.5161218	29.96
225.2	189.2509084	29.91
215.3	164.1537804	29.85
212	158.1813694	29.8
230.3	186.0662962	29.83
223	182.5470487	29.73
225.7	190.8837175	29.66
216.5	166.5789856	29.57
219	172.1177686	29.57
223.6	184.3010071	29.56
221.5	178.3888034	29.55
227.4	194.7612235	29.58
214.1	161.8681603	29.6
214.7	162.994021	29.67
209.8	154.712722	29.75
209.4	154.1225109	29.8
219.4	173.0693692	29.77
206.4	150.0639356	29.75
214.2	162.0534901	29.67
220.2	175.0303206	29.58

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1.236	217.5
1.174	221.9
1.159	236.1
1.104	229
1.211	214.8
1.351	223
0.857	230.7
1.609	222.5
1.371	223.1
1.184	207.8
1.347	210.2
1.437	226.1
1.315	217.3
1.124	211.8
0.685	219.3
0.778	229.6
0.755	223.4
0.871	218.8
0.813	225.2
0.785	223.4
0.664	206.4
0.814	214.1
0.899	224.7
0.882	206.9
1.202	226.9
0.939	214.9
1.046	216
1.474	215.4
1.3	206.6
1.045	210.8
0.964	211.2
1.457	215
1.498	210.1
1.14	208.9
1.024	217.5
1.55	210.7
1.484	214.6
1.243	207.1
1.201	214.1
1.158	213.2
0.963	217.7
0.859	212.1
1.1	209.1
0.889	205
0.991	203.8
0.962	202.1
0.913	210.1
1.529	198.6
1.264	206.7
0.931	208.7

159.1957351	29.8
168.7126952	29.83
179.4670474	29.83
172.0452245	29.82
189.8060036	29.79
163.184934	29.78
182.5470487	29.76
184.9640411	29.76
181.1257634	29.78
182.8356637	29.71
151.8792052	29.74
155.3150699	29.74
192.2210107	29.72
168.2774801	29.67
157.8499471	29.68
172.8296935	29.74
188.0494405	29.87
183.7103804	29.91
171.6490075	29.94
189.2509084	29.97
183.7103804	29.97
150.0639356	30
161.8681603	30
187.6599662	29.92
150.6969261	29.92
194.9814553	29.82
163.3767931	29.7
165.5509953	29.64
164.3504379	29.56
150.3151193	29.45
156.2417902	29.38
156.8753741	29.37
163.5696028	29.37
155.1633342	29.34
153.4015168	29.31
168.7126952	29.31
156.0853794	29.28
162.8040494	29.23
150.9548471	29.2
161.8681603	29.18
160.24088	29.16
169.1522337	29.18
158.3483275	29.19
153.6876994	29.19
148.379085	29.24
147.0339187	29.27
145.2773166	29.26
155.1633342	29.22
142.1758963	29.15
150.441715	29.09
153.1182603	29.03

1.499	216.3	166.1647422	29.54	1.784	205	148.379085
1.527	221.2	177.5942369	29.56	1.728	212.3	158.684756
1.524	223.1	182.8356637	29.55	1.799	216.5	166.5789856
1.446	237.9	168.4508857	29.54	1.83	231.4	183.0874794
1.262	226.7	194.2803784	29.52	1.606	218.9	171.8828066
1.491	217.5	168.7126952	29.51	1.82	210	155.0123664
1.561	224.3	186.4164902	29.48	1.9	219.4	173.0693692
1.154	231.9	181.7867003	29.48	1.305	224.7	187.6599662
1.922	226.1	192.2210107	29.52	2.282	220.8	176.5532489
1.631	226.7	194.2803784	29.48	2.079	218.9	171.8828066
1.475	212.7	159.3677662	29.49	1.698	203.9	147.1426245
1.707	217.3	168.2774801	29.48	1.984	209.3	153.9768314
1.677	226.7	194.2803784	29.47	2.131	220.6	176.0405229
1.585	223.5	184.0049395	29.44	1.846	216.1	165.7545685
1.365	217.4	168.49455	29.42	1.636	208.3	152.5604335
0.886	215.6	164.7466785	29.44	1.044	212.9	159.7144084
1.007	224.6	187.3466876	29.53	1.155	219.1	172.3538995
0.969	220.4	175.5328989	29.57	1.095	213.1	160.0645165
1.198	219.1	172.3538995	29.59	1.34	210.1	155.1633342
1.07	223.4	183.7103804	29.62	1.21	216.9	167.4198452
0.961	220.3	175.2809825	29.61	1.24	212.6	159.1957351
1.109	206.3	149.9393426	29.61	1.117	198.8	142.3353263
1.2	214.7	162.994021	29.6	1.292	204.4	147.6953406
1.158	225.5	190.2254851	29.54	1.391	220.1	174.7809062
1.093	208.6	152.9777221	29.52	1.377	203.7	146.9258206
1.218	229	189.8060036	29.44	1.671	221.6	178.6563324
1.067	220.5	175.7860767	29.35	1.455	212.8	159.540656
1.16	220.8	176.5532489	29.29	1.454	210.8	156.2417902
1.57	221	177.0711342	29.24	2.173	215.4	164.3504379
1.566	212.5	159.0245589	29.15	1.843	206.1	149.6921424
1.06	219.9	174.2857928	29.09	1.428	210	155.0123664
1.23	217.4	168.49455	29.06	1.5	214.2	162.0534901
1.398	222	179.7400211	29.09	1.969	212.2	158.5161218
1.594	216.7	166.9973396	29.08	2.071	208.6	152.9777221
1.07	216.7	166.9973396	29.06	1.404	207.6	151.6116385
1.002	226.6	193.9326112	29.02	1.369	215.7	164.946271
1.481	219.4	173.0693692	29.03	2.069	212.5	159.0245589
1.622	225.2	189.2509084	29	1.985	219	172.1177686
1.395	217.9	169.5961403	29.01	1.536	213.6	160.955157
1.184	225.2	189.2509084	28.98	1.565	216.5	166.5789856
1.213	223.1	182.8356637	28.95	1.529	217.6	168.9319213
0.963	230.1	186.6257896	28.97	1.26	220.7	176.2962446
0.778	225.1	188.9294126	28.94	1.091	215.8	165.1468514
0.973	221.1	177.3320297	28.93	1.387	212.5	159.0245589
0.908	214	161.6837458	28.97	1.179	205.6	149.0856146
1.037	217.6	168.9319213	28.96	1.272	206	149.5695304
0.945	212.9	159.7144084	28.92	1.234	203.4	146.6051528
0.944	222.1	180.0143756	28.88	1.226	214.7	162.994021
1.474	204.9	148.2635581	28.8	1.925	198.6	142.1758963
1.299	215.3	164.1537804	28.79	1.559	211.1	156.7157803
0.985	223.6	184.3010071	28.74	1.226	213.4	160.5962459

29.61	2.018	213.3	160.4181218	163.4384845	Yes
29.65	1.824	220	174.5327325	172.7753231	Yes
29.64	2.123	224.8	187.9748679	179.8965593	Yes
29.61	2.013	237	170.2080831	169.0696209	Yes
29.59	1.653	226.2	192.5597384	185.0302329	Yes
29.59	2.08	217.6	168.9319213	165.8658111	Yes
29.56	2.186	226.3	192.9002508	179.275807	Yes
29.55	1.476	229.6	188.0494405	181.0060858	Yes
29.58	2.632	227	195.3347893	180.3309427	Yes
29.55	2.268	228.4	191.6169031	184.4799745	Yes
29.57	1.899	211.6	157.5218261	157.1649714	Yes
29.58	2.392	220.7	176.2962446	160.4799548	Yes
29.56	2.402	229.1	189.5095215	188.6937153	Yes
29.53	2.227	222.4	180.8458047	174.8280966	Yes
29.54	1.737	217.7	169.1522337	160.8632499	Yes
29.57	1.152	217.3	168.2774801	164.9294234	Yes
29.66	1.31	227.2	195.4097096	185.7899343	Yes
29.7	1.157	220	174.5327325	178.2236178	Yes
29.71	1.497	217.5	168.7126952	167.9393617	Yes
29.74	1.456	225.4	189.898934	179.8265862	Yes
29.73	1.307	221.3	177.8577632	171.2436861	Yes
29.73	1.363	209.2	153.8318952	146.3121291	Yes
29.73	1.552	211.6	157.5218261	158.6064205	Yes
29.66	1.57	224.9	188.2914027	183.4480302	Yes
29.64	1.549	210.1	155.1633342	149.2225881	Yes
29.56	1.817	227.2	195.4097096	184.5727575	Yes
29.47	1.629	220.7	176.2962446	169.8176963	Yes
29.42	1.66	216.4	166.3713526	169.2505917	Yes
29.37	2.512	223.3	183.4173207	168.3511695	Yes
29.28	2.194	212.2	158.5161218	155.5064604	Yes
29.24	1.515	215.8	165.1468514	169.9948569	Yes
29.22	1.691	218.6	171.184873	161.484884	Yes
29.25	2.199	219.7	173.7955882	172.7691635	Yes
29.24	2.448	214.3	162.2397397	159.8230441	Yes
29.22	1.566	214.1	161.8681603	157.5479661	Yes
29.18	1.466	222.6	181.4071437	178.4144684	Yes
29.19	2.238	214.3	162.2397397	167.681589	Yes
29.15	2.157	223.4	183.7103804	178.764111	Yes
29.18	2.109	218.3	170.4972397	162.0212825	Yes
29.15	1.783	226.5	193.5866754	172.4539557	Yes
29.13	1.82	223.4	183.7103804	174.077368	Yes
29.13	1.294	224	185.5005447	177.6157678	Yes
29.1	1.278	223.7	184.5985921	176.7964538	Yes
29.11	1.494	219.4	173.0693692	162.978112	Yes
29.14	1.251	212.7	159.3677662	155.5356166	Yes
29.13	1.439	214	161.6837458	155.0620231	Yes
29.08	1.536	211.7	157.6854758	151.4298472	Yes
29.05	1.515	220	174.5327325	167.810275	Yes
28.97	2.13	207	150.8255466	145.6698216	Yes
28.96	1.885	218.7	171.416365	158.3411915	Yes
28.92	1.509	220.9	176.811543	168.2614585	Yes

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7/27/2019	19:10	28.92	0.557
7/27/2019	19:11	28.86	0.418
7/27/2019	19:12	28.83	0.408
7/27/2019	19:13	28.79	0.452
7/27/2019	19:14	28.74	0.453
7/27/2019	19:15	28.7	0.334
7/27/2019	19:16	28.63	0.346
7/27/2019	19:17	28.6	0.326
7/27/2019	19:18	28.61	0.357
7/27/2019	19:19	28.59	0.347
7/27/2019	19:20	28.59	0.341
7/27/2019	19:21	28.59	0.279
7/27/2019	19:22	28.59	0.359
7/27/2019	19:23	28.53	0.343
7/27/2019	19:24	28.48	0.343
7/27/2019	19:25	28.45	0.38
7/27/2019	19:26	28.38	0.516
7/27/2019	19:27	28.32	0.391
7/27/2019	19:28	28.23	0.474
7/27/2019	19:29	28.13	0.418
7/27/2019	19:30	28.06	0.371
7/27/2019	19:31	28	0.382
7/27/2019	19:32	27.94	0.361
7/27/2019	19:33	27.89	0.501
7/27/2019	19:34	27.83	0.49
7/27/2019	19:35	27.78	0.453
7/27/2019	19:36	27.75	0.479
7/27/2019	19:37	27.73	0.334
7/27/2019	19:38	27.67	0.338
7/27/2019	19:39	27.61	0.397
7/27/2019	19:40	27.53	0.43
7/27/2019	19:41	27.5	0.32
7/27/2019	19:42	27.46	0.367
7/27/2019	19:43	27.41	0.411
7/27/2019	19:44	27.33	0.471
7/27/2019	19:45	27.25	0.392
7/27/2019	19:46	27.16	0.419
7/27/2019	19:47	27.06	0.408
7/27/2019	19:48	26.96	0.452
7/27/2019	19:49	26.88	0.38
7/27/2019	19:50	26.77	0.516
7/27/2019	19:51	26.66	0.487
7/27/2019	19:52	26.56	0.515
7/27/2019	19:53	26.5	0.404
7/27/2019	19:54	26.41	0.467
7/27/2019	19:55	26.29	0.414
7/27/2019	19:56	26.18	0.39
7/27/2019	19:57	26.08	0.378
7/27/2019	19:58	25.98	0.358
7/27/2019	19:59	25.88	0.436

218.9	171.8828066	29.51
227.6	194.1193848	29.44
229.2	189.2145397	29.36
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221.4	178.1226162	29.29
236.7	170.8114111	29.2
234.6	175.2945059	29.16
240.6	163.6269725	29.08
222.4	180.8458047	29.05
225.7	190.8837175	29.07
216.3	166.1647422	29.08
219.1	172.3538995	29.1
218.4	170.7253164	29.13
213.6	160.955157	29.17
216.1	165.7545685	29.1
214.4	162.4269132	29.04
217.3	168.2774801	28.99
220.2	175.0303206	28.89
216	165.5509953	28.83
222	179.7400211	28.73
216.4	166.3713526	28.61
213.7	161.1359522	28.54
219.8	174.0400802	28.49
220.4	175.5328989	28.44
212	158.1813694	28.4
216.2	165.9591491	28.34
208.6	152.9777221	28.28
202.9	146.0826775	28.26
213	159.8890273	28.23
203.7	146.9258206	28.21
216.4	166.3713526	28.15
205.2	148.6120398	28.07
201.6	144.7927354	28.02
190.8	137.4928614	27.97
198.2	141.8632814	27.93
188.9	136.7766005	27.87
187.3	136.2949008	27.8
192.3	138.1714606	27.72
193.2	138.6276173	27.63
199.2	142.6604859	27.53
194.5	139.3528135	27.42
204.2	147.4724086	27.28
207.3	151.2154981	27.16
211.2	156.8753741	27.05
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196.8	140.8336095	26.7
201.1	144.3223303	26.53
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193.3	138.6806025	26.28
203.8	147.0339187	26.19

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0.866	212.7
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0.889	211.3
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0.717	220
0.957	220
0.695	206.1
0.661	206.6
0.755	201.8
0.747	199.7
0.724	200.6
0.826	194.5
1.056	201.4
0.822	196.9
0.851	200.6
1.057	198.8
0.823	195.4
0.99	200.5
0.901	202.2
0.738	199.4
0.642	201.4
0.685	197.6
0.852	196.5
0.901	194.9
0.76	195.9
0.679	193.2
0.594	195.2
0.674	194.6
0.634	196.8
0.766	191.3
0.551	190.2
0.51	186.4
0.648	183.7
0.616	182.3
0.533	176.4
0.57	178
0.621	185.7
0.647	187.3
0.569	189
0.751	193.2
0.709	197.7
0.684	196.4
0.531	193.5
0.568	196.2
0.534	190.8
0.593	194
0.499	188.9
0.573	189.2
0.564	191.4

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153.9768314	28.89
157.0357721	28.85
186.7249594	28.81
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174.5327325	28.72
149.6921424	28.69
150.3151193	28.68
144.9848547	28.67
143.0788632	28.67
143.8658923	28.67
139.3528135	28.65
144.6028841	28.59
140.9038772	28.54
143.8658923	28.5
142.3353263	28.42
139.9016992	28.36
143.7762629	28.29
145.3759529	28.2
142.8262379	28.12
144.6028841	28.07
141.4098131	28.03
140.6257933	27.98
139.5919783	27.93
140.2234999	27.88
138.6276173	27.84
139.7763685	27.81
139.411891	27.77
140.8336095	27.71
137.7078372	27.65
137.249547	27.59
136.0719483	27.54
135.6073966	27.48
135.4859439	27.42
135.8643244	27.36
135.6191797	27.28
135.9221983	27.17
136.2949008	27.06
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138.6276173	26.86
141.484113	26.78
140.557513	26.72
138.7879636	26.69
140.4224336	26.59
137.4928614	26.47
139.0645196	26.34
136.7766005	26.22
136.8792016	26.13
137.7521729	26.04

0.923	220.5	175.7860767	28.69	1.143	213.6	160.955157
1.125	223.8	184.8977039	28.69	1.576	215.5	164.548069
0.911	226.2	192.5597384	28.66	1.062	218.6	171.184873
0.789	227.2	195.4097096	28.63	0.9	217.4	168.49455
1.068	224.9	188.2914027	28.61	1.133	217.3	168.2774801
0.87	238.4	167.507983	28.58	1.071	231.3	183.3515534
0.73	239.9	164.8158999	28.58	0.848	232.3	180.7691609
0.823	236.7	170.8114111	28.54	1.254	226.6	193.9326112
0.662	226.4	193.2425592	28.5	0.78	217.4	168.49455
0.707	226	191.884056	28.46	0.815	215.2	163.9580918
0.669	219.7	173.7955882	28.43	0.832	212.3	158.684756
0.701	218.7	171.416365	28.41	0.823	209.4	154.1225109
0.578	220.5	175.7860767	28.38	0.74	210	155.0123664
0.725	212.8	159.540656	28.33	1.015	204.3	147.5835656
0.744	212.5	159.0245589	28.29	1.117	205.8	149.3262707
0.712	211.9	158.0152438	28.22	0.982	205.5	148.9662571
0.806	213.4	160.5962459	28.2	1.067	208.8	153.2595242
0.956	213.3	160.4181218	28.16	1.227	204.5	147.8077356
0.778	212.5	159.0245589	28.1	0.976	202.3	145.4751667
0.815	216.7	166.9973396	28.04	1.206	208.7	153.1182603
0.963	216.4	166.3713526	27.97	1.154	208.5	152.8379067
0.723	209	153.5442409	27.89	0.888	204.7	148.034394
0.707	213.5	160.7752562	27.84	0.912	209.5	154.2689366
0.709	209.1	153.6876994	27.78	0.944	204.4	147.6953406
0.933	209.5	154.2689366	27.75	1.115	200.5	143.7762629
0.882	208.7	153.1182603	27.7	1.261	200	143.3363204
0.87	203.3	146.4994658	27.67	1.1	198.5	142.096964
0.774	202.3	145.4751667	27.6	0.947	197.8	141.5589225
0.639	204.4	147.6953406	27.57	0.832	199.1	142.5784051
0.65	201.8	144.9848547	27.54	0.951	195.5	139.9650888
0.694	201.2	144.4152874	27.47	0.904	200	143.3363204
0.824	200.7	143.9560723	27.44	1.105	194.8	139.5314724
0.631	194.3	139.23608	27.37	0.903	192.2	138.1230627
0.661	189.1	136.8445673	27.29	0.788	188.7	136.7103661
0.733	189.1	136.8445673	27.22	0.93	186.5	136.0950271
0.777	188.1	136.5220169	27.16	0.986	184.2	135.6704665
0.732	183.6	135.5960285	27.1	0.873	179.9	135.4661321
0.744	185.6	135.9024875	27.02	0.967	179.3	135.4983288
0.756	190.7	137.4512019	26.93	0.945	187.1	136.2423866
0.748	190.2	137.249547	26.83	0.943	190.7	137.4512019
0.779	189.4	136.949775	26.77	0.903	188.8	136.743267
0.862	198.2	141.8632814	26.67	1.116	193.9	139.008273
0.826	200	143.3363204	26.65	1.14	198.7	142.25535
0.916	201	144.2299319	26.63	1.078	198.2	141.8632814
0.776	196.9	140.9038772	26.62	0.921	196.2	140.4224336
0.787	196.9	140.9038772	26.52	0.955	196.9	140.9038772
0.74	195.6	140.0289626	26.39	0.921	193.6	138.8423412
0.741	199	142.4968525	26.28	0.988	197.8	141.5589225
0.669	194.9	139.5919783	26.17	0.893	193.6	138.8423412
0.708	194.3	139.23608	26.1	0.995	192.9	138.471433
0.811	195.1	139.7144254	26.03	0.916	191.2	137.6639493

28.87	1.305	221.3	177.8577632	165.4004406	Yes
28.88	1.793	223.8	184.8977039	174.644381	Yes
28.85	1.293	222.9	182.2598979	178.0817293	Yes
28.83	1.085	224.2	186.1096044	178.2414304	Yes
28.8	1.654	224.5	187.035022	172.9318178	Yes
28.78	1.32	238.9	166.5881931	177.0989768	Yes
28.77	1.036	238	168.2604307	173.8530748	Yes
28.73	1.408	231.6	182.5632711	175.7259318	Yes
28.7	1.005	224.9	188.2914027	173.0687641	Yes
28.67	0.966	219.9	174.2857928	174.2602462	Yes
28.64	1.046	216.3	166.1647422	160.9074853	Yes
28.64	1.086	216.8	167.2080708	160.2429096	Yes
28.6	0.844	214.3	162.2397397	161.3474129	Yes
28.55	1.207	211.3	157.0357721	151.858048	Yes
28.51	1.28	210	155.0123664	154.6770705	Yes
28.44	1.266	211.2	156.8753741	152.5780728	Yes
28.42	1.26	215.8	165.1468514	156.4997856	Yes
28.39	1.433	210.4	155.6208578	156.3978761	Yes
28.31	1.268	210.6	155.9297559	152.488105	Yes
28.27	1.517	213.8	161.3176459	160.907971	Yes
28.21	1.512	214.7	162.994021	157.7391412	Yes
28.13	1.2	211.8	157.8499471	151.3852062	Yes
28.1	1.165	215.4	164.3504379	158.4217893	Yes
28.04	1.247	210	155.0123664	154.581438	Yes
28.02	1.379	207	150.8255466	149.2130905	Yes
27.97	1.427	206.5	150.1891937	150.501427	Yes
27.95	1.306	207.9	152.0140384	145.4494129	Yes
27.9	1.151	204.8	148.1486618	142.936096	Yes
27.87	1.018	205	148.379085	147.4847854	Yes
27.87	1.135	201.9	145.0817692	142.8219138	Yes
27.8	1.162	204.7	148.034394	148.7391425	Yes
27.76	1.344	200.1	143.4232201	142.4518554	Yes
27.71	1.118	197.8	141.5589225	139.8503563	Yes
27.67	1.08	195.1	139.7144254	136.7799357	Yes
27.61	1.257	192.5	138.2696225	137.6025681	Yes
27.56	1.233	191.4	137.7521729	136.113757	Yes
27.51	1.231	187.6	136.3768654	135.8053465	Yes
27.43	1.302	188.4	136.6142539	136.2978642	Yes
27.32	1.268	194.5	139.3528135	137.060851	Yes
27.21	1.239	196.9	140.9038772	138.4140339	Yes
27.14	1.347	196	140.2893212	137.4640556	Yes
27.02	1.434	201.4	144.6028841	141.7428951	Yes
27.03	1.411	204.6	147.9207527	144.5728204	Yes
27.01	1.424	204.8	148.1486618	145.8815251	Yes
27.01	1.273	201	144.2299319	140.5725427	Yes
26.89	1.208	201.5	144.6975271	141.6381296	Yes
26.76	1.134	200.5	143.7762629	139.2994437	Yes
26.63	1.221	203.9	147.1426245	141.8606562	Yes
26.54	1.121	198.8	142.3353263	138.5270262	Yes
26.5	1.158	200.3	143.5986496	138.3168293	Yes
26.42	1.199	197.6	141.4098131	140.5411166	Yes

7/27/2019	20:00	25.79	0.392
7/27/2019	20:01	25.69	0.382
7/27/2019	20:02	25.6	0.26
7/27/2019	20:03	25.5	0.265
7/27/2019	20:04	25.39	0.303
7/27/2019	20:05	25.29	0.405
7/27/2019	20:06	25.18	0.335
7/27/2019	20:07	25.09	0.383
7/27/2019	20:08	25.02	0.372
7/27/2019	20:09	24.95	0.417
7/27/2019	20:10	24.89	0.307
7/27/2019	20:11	24.83	0.326
7/27/2019	20:12	24.76	0.347
7/27/2019	20:13	24.7	0.225
7/27/2019	20:14	24.63	0.23
7/27/2019	20:15	24.55	0.183
7/27/2019	20:16	24.48	0.183
7/27/2019	20:17	24.39	0.242
7/27/2019	20:18	24.29	0.131
7/27/2019	20:19	24.2	0.066
7/27/2019	20:20	24.12	0.109
7/27/2019	20:21	24.04	0.122
7/27/2019	20:22	23.94	0.139
7/27/2019	20:23	23.86	0.073
7/27/2019	20:24	23.79	0.062
7/27/2019	20:25	23.7	0.068
7/27/2019	20:26	23.62	0.062
7/27/2019	20:27	23.55	0.067
7/27/2019	20:28	23.48	0.1
7/27/2019	20:29	23.42	0.073
7/27/2019	20:30	23.35	0.104
7/27/2019	20:31	23.29	0.057
7/27/2019	20:32	23.24	0.027
7/27/2019	20:33	23.2	0.038
7/27/2019	20:34	23.13	0.038
7/27/2019	20:35	23.08	0.029
7/27/2019	20:36	23.03	0.024
7/27/2019	20:37	22.98	0.063
7/27/2019	20:38	22.93	0.107
7/27/2019	20:39	22.88	0.074
7/27/2019	20:40	22.84	0.106
7/27/2019	20:41	22.79	0.102
7/27/2019	20:42	22.74	0.134
7/27/2019	20:43	22.69	0.119
7/27/2019	20:44	22.65	0.134
7/27/2019	20:45	22.61	0.168
7/27/2019	20:46	22.58	0.147
7/27/2019	20:47	22.55	0.139
7/27/2019	20:48	22.52	0.186
7/27/2019	20:49	22.49	0.214
7/27/2019	20:50	22.47	0.146

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188.8	136.743267	26
193	138.5230334	25.9
202.2	145.3759529	25.79
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196.3	140.4897269	25.56
199.5	142.9099119	25.44
198	141.7100752	25.33
202.8	145.9799608	25.25
209.1	153.6876994	25.18
205.3	148.729472	25.12
199	142.4968525	25.06
191.5	137.796957	24.99
191.2	137.6639493	24.92
186.2	136.0270567	24.85
185	135.7930238	24.77
177.9	135.6313781	24.67
171.8	137.171973	24.56
162.3	142.9099119	24.46
190.8	137.4928614	24.36
181.2	135.4473567	24.27
175.4	136.0719483	24.16
157.3	147.8077356	24.06
175.4	136.0719483	23.96
177.2	135.7284098	23.87
141.9	174.2857928	23.77
121.1	163.4605101	23.67
102.8	144.3776216	23.58
116.1	156.1345891	23.51
111.8	151.2247092	23.43
105	145.663343	23.35
65.44	156.4703183	23.28
12.5	138.2696225	23.23
4.332	135.6888513	23.17
359.8	135.4704656	23.11
354	136.4336422	23.05
271.5	141.2825466	22.99
167.8	139.0645196	22.93
179.2	135.5051412	22.88
191.1	137.6205085	22.82
191.6	137.8421902	22.77
201.9	145.0817692	22.71
185.3	135.8458714	22.68
173.5	136.5830783	22.63
175	136.1668004	22.58
154.6	151.0848301	22.53
167.9	139.008273	22.5
166	140.1581671	22.46
153	153.2595242	22.43
148.8	159.8890273	22.41
161.9	143.249962	22.39

0.439	185
0.535	190.1
0.391	184.7
0.358	195.3
0.463	187.6
0.585	189.3
0.513	200.1
0.453	195.5
0.502	195.4
0.479	194.9
0.458	190.9
0.472	191
0.442	189.1
0.38	181.2
0.377	182.6
0.393	182.3
0.368	163.5
0.367	162.7
0.293	147.3
0.211	148.3
0.246	154.3
0.278	159.5
0.308	147.9
0.194	160.1
0.158	162.1
0.172	139.9
0.158	131.9
0.108	120.7
0.168	119.6
0.17	111.7
0.168	110.5
0.077	78.74
0.04	59.1
0.072	33.03
0.061	32.09
0.047	28.28
0.035	244.4
0.157	162.1
0.193	167.7
0.212	169.5
0.204	177.4
0.263	180
0.313	178.9
0.287	168.6
0.318	169.1
0.359	156.1
0.35	160.5
0.338	159.3
0.363	151.2
0.334	148.9
0.336	154.7

135.7930238	25.96
137.21054	25.87
135.7439374	25.77
139.8387928	25.65
136.3768654	25.55
136.9142707	25.48
143.4232201	25.39
139.9650888	25.32
139.9016992	25.28
139.5919783	25.23
137.5349652	25.19
137.577514	25.16
136.8445673	25.11
135.4473567	25.05
135.5051412	24.98
135.4859439	24.91
141.9406579	24.81
142.5784051	24.71
162.6150149	24.59
160.7752562	24.44
151.4788997	24.34
145.4751667	24.24
161.5002424	24.13
144.8885107	24.02
143.0788632	23.93
179.4670474	23.83
187.1909456	23.74
162.802978	23.66
161.0618684	23.59
151.1242187	23.51
149.9641021	23.44
144.5173076	23.38
166.2266321	23.32
159.9415825	23.27
158.3315941	23.21
152.5328437	23.16
157.8605159	23.11
143.0788632	23.07
139.1212357	23.05
138.1714606	23.02
135.6986053	22.99
135.4622116	22.96
135.52806	22.95
138.6276173	22.93
138.3696112	22.92
149.2056183	22.92
144.5088047	22.92
145.6753339	22.9
155.9297559	22.87
159.7144084	22.85
150.9548471	22.83

0.693	191	137.577514	25.93	0.792	186	135.9838512
0.713	194.1	139.1212357	25.85	0.94	188.9	136.7766005
0.616	191.1	137.6205085	25.74	0.795	186.8	136.1668004
0.604	200.1	143.4232201	25.62	0.784	195.8	140.1581671
0.661	197.7	141.484113	25.54	0.843	191.5	137.796957
0.749	198	141.7100752	25.51	0.945	194.5	139.3528135
0.729	203.1	146.2898835	25.47	0.911	197	140.9746448
0.723	201.2	144.4152874	25.45	0.894	197.5	141.3360215
0.676	198.7	142.25535	25.44	0.884	199.1	142.5784051
0.747	200.3	143.5986496	25.42	0.877	196.6	140.6945686
0.66	195.7	140.0933217	25.4	0.873	194.2	139.1784222
0.673	197.2	141.1176841	25.35	0.842	192.1	138.0751192
0.61	190.3	137.2889944	25.33	0.772	187.1	136.2423866
0.547	190.7	137.4512019	25.25	0.757	185.8	135.9423289
0.551	186.4	136.0719483	25.19	0.696	182.9	135.52806
0.497	182.9	135.52806	25.15	0.705	177.7	135.6570213
0.448	175.7	136.0052434	25.05	0.672	170	137.9340071
0.546	172.4	136.949775	24.96	0.647	168.1	138.8971847
0.32	153	153.2595242	24.82	0.497	152.2	154.4161117
0.245	157.7	147.3618674	24.67	0.407	151.9	154.8621634
0.277	165	140.8336095	24.53	0.443	158.4	146.6051528
0.32	171.5	137.2889944	24.43	0.509	165	140.8336095
0.357	154.3	151.4788997	24.33	0.5	154.2	151.6116385
0.26	163.7	141.786421	24.21	0.422	157.5	147.5835656
0.199	162.3	142.9099119	24.11	0.383	155	150.5689831
0.253	145	167.2080708	24.02	0.428	148.9	159.7144084
0.209	140.5	177.8577632	23.93	0.367	145.8	165.5509953
0.144	122	164.9891752	23.85	0.239	130	182.0442679
0.222	125.5	171.6298847	23.77	0.274	130.3	182.824721
0.192	111.8	151.2247092	23.69	0.286	116.7	156.9164217
0.221	114.1	153.7040237	23.61	0.311	116.6	156.7843776
0.155	98	142.366475	23.55	0.23	105.7	146.1226545
0.074	100.5	143.2813061	23.5	0.086	116.6	156.7843776
0.075	78.87	144.447059	23.45	0.151	108.3	148.0494963
0.082	97.5	142.2173074	23.41	0.167	111.2	150.6306288
0.086	114.2	153.8193224	23.37	0.142	124.9	170.4081994
0.072	162.2	142.9941199	23.34	0.189	156.5	148.729472
0.217	170.6	137.6639493	23.32	0.286	157.9	147.1426245
0.244	168.1	138.8971847	23.32	0.323	163	142.3353263
0.228	173.4	136.6142539	23.3	0.331	164.2	141.4098131
0.288	176	135.9423289	23.29	0.379	168.5	138.6806025
0.295	187.5	136.3491176	23.27	0.406	176.8	135.7930238
0.353	184.4	135.6986053	23.29	0.475	177.7	135.6570213
0.368	173.5	136.5830783	23.29	0.513	170.4	137.7521729
0.402	173	136.743267	23.29	0.584	169.1	138.3696112
0.457	160.7	144.3223303	23.31	0.634	161.1	143.9560723
0.42	163.4	142.0185516	23.33	0.66	162.3	142.9099119
0.404	159.1	145.8778326	23.33	0.605	160.4	144.6028841
0.473	156.1	149.2056183	23.31	0.659	156.4	148.8475437
0.457	151	156.2417902	23.29	0.629	151.8	155.0123664
0.406	153.8	152.1495751	23.25	0.58	153.3	152.8379067

26.31	1.152	195	139.6529623	136.7545846	Yes
26.22	1.115	196.5	140.6257933	137.4629108	Yes
26.11	1.043	196.4	140.557513	137.0135699	Yes
26.01	1.026	200.6	143.8658923	142.1990332	Yes
25.93	1.062	200.5	143.7762629	138.8277244	Yes
25.89	1.107	202.7	145.8778326	139.6167216	Yes
25.86	1.125	202.8	145.9799608	143.3994151	Yes
25.87	1.116	205.1	148.4952449	141.8566182	Yes
25.86	1.087	205	148.379085	142.6788538	Yes
25.82	1.169	202.5	145.6753339	144.393224	Yes
25.81	1.062	200.3	143.5986496	141.3840452	Yes
25.77	1.109	200.1	143.4232201	139.8167924	Yes
25.77	1.009	195.2	139.7763685	137.0432263	Yes
25.68	0.943	195.5	139.9650888	136.6262092	Yes
25.62	0.975	193.2	138.6276173	135.7830516	Yes
25.58	0.963	188.2	136.5523328	135.6160123	Yes
25.49	0.835	183.2	135.5547035	137.8778216	Yes
25.38	0.852	183.5	135.5850754	138.8993345	Yes
25.23	0.665	168.2	138.8423412	153.3001407	Yes
25.03	0.614	162.7	142.5784051	150.1230371	Yes
24.86	0.657	171.2	137.4099861	143.5912547	Yes
24.75	0.718	176.1	135.9221983	139.9174297	Yes
24.64	0.729	167.8	139.0645196	153.0996291	Yes
24.51	0.699	167.8	139.0645196	142.5826114	Yes
24.41	0.653	167.8	139.0645196	143.071542	Yes
24.32	0.713	165.5	140.4897269	170.1688299	Yes
24.23	0.602	162.6	142.6604859	173.5150536	Yes
24.13	0.482	153.5	152.5604335	163.5535107	Yes
24.03	0.487	154.5	151.2154981	167.9127658	Yes
23.95	0.459	138.4	183.7103804	152.6225147	Yes
23.85	0.533	139.1	181.6899539	151.5289616	Yes
23.83	0.464	132.4	188.6290418	147.3691888	Yes
23.78	0.325	135	194.6299891	151.1404846	Yes
23.74	0.311	137.2	187.3466876	147.0317473	Yes
23.7	0.326	141.1	176.2962446	146.662499	Yes
23.69	0.422	153.3	152.8379067	153.2985019	Yes
23.68	0.348	162.4	142.8262379	147.7166636	Yes
23.66	0.489	169.1	138.3696112	141.7374892	Yes
23.66	0.508	173.3	136.6458601	138.964722	Yes
23.64	0.5	174.2	136.3768654	138.454009	Yes
23.61	0.558	179.2	135.5051412	137.0409317	Yes
23.59	0.595	185.9	135.9628798	138.1715306	Yes
23.61	0.712	187.4	136.3217962	135.6823895	Yes
23.62	0.743	181.5	135.452927	137.3864867	Yes
23.62	0.799	181	135.4457063	137.4123225	Yes
23.63	0.85	175	136.1668004	147.1422127	Yes
23.66	0.92	178.4	135.5745369	142.1113853	Yes
23.67	0.882	175.7	136.0052434	144.0785544	Yes
23.68	0.954	173	136.743267	151.8106105	Yes
23.69	0.922	167.3	139.3528135	157.7143981	Yes
23.65	0.861	167.1	139.4714437	149.7980727	Yes

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7/27/2019	20:52	22.42	0.103
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7/27/2019	20:55	22.34	0.097
7/27/2019	20:56	22.31	0.068
7/27/2019	20:57	22.28	0.075
7/27/2019	20:58	22.25	0.123
7/27/2019	20:59	22.22	0.154
7/27/2019	21:00	22.18	0.233
7/27/2019	21:01	22.15	0.265
7/27/2019	21:02	22.13	0.272
7/27/2019	21:03	22.1	0.281
7/27/2019	21:04	22.08	0.251
7/27/2019	21:05	22.05	0.21
7/27/2019	21:06	22.02	0.227
7/27/2019	21:07	21.99	0.25
7/27/2019	21:08	21.97	0.297
7/27/2019	21:09	21.94	0.311
7/27/2019	21:10	21.91	0.283
7/27/2019	21:11	21.89	0.23
7/27/2019	21:12	21.87	0.273
7/27/2019	21:13	21.84	0.261
7/27/2019	21:14	21.81	0.286
7/27/2019	21:15	21.78	0.225
7/27/2019	21:16	21.76	0.202
7/27/2019	21:17	21.73	0.266
7/27/2019	21:18	21.7	0.221
7/27/2019	21:19	21.69	0.277
7/27/2019	21:20	21.67	0.263
7/27/2019	21:21	21.67	0.288
7/27/2019	21:22	21.67	0.274
7/27/2019	21:23	21.66	0.234
7/27/2019	21:24	21.66	0.17
7/27/2019	21:25	21.65	0.153
7/27/2019	21:26	21.63	0.175
7/27/2019	21:27	21.61	0.255
7/27/2019	21:28	21.6	0.355
7/27/2019	21:29	21.58	0.288
7/27/2019	21:30	21.58	0.242
7/27/2019	21:31	21.57	0.284
7/27/2019	21:32	21.55	0.272
7/27/2019	21:33	21.54	0.251
7/27/2019	21:34	21.52	0.271
7/27/2019	21:35	21.5	0.234
7/27/2019	21:36	21.48	0.297
7/27/2019	21:37	21.46	0.266
7/27/2019	21:38	21.45	0.234
7/27/2019	21:39	21.43	0.249
7/27/2019	21:40	21.41	0.212
7/27/2019	21:41	21.4	0.196

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152.3	154.2689366	22.07
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161.5	143.5986496	22.02
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162.4	142.8262379	21.96
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166.1	140.0933217	21.9
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187.9	136.4626721	21.83
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184.9	135.7762441	21.79
185.1	135.8102214	21.77
201.9	145.0817692	21.74
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178.5	135.564413	21.69
170	137.9340071	21.66
179.3	135.4983288	21.64
166.6	139.7763685	21.63
158.4	146.6051528	21.61
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163.3	142.096964	21.53
166.1	140.0933217	21.51
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159.7	145.2773166	21.49
158	147.0339187	21.48
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175	136.1668004	21.43
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0.233	137.2
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0.365	143.9
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0.446	147.9
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0.425	154.1
0.461	156.1
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0.546	159.2
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0.561	163.6
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0.447	179.6
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0.513	176.3
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0.427	166.3
0.414	164.3
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0.437	155.8
0.419	155.5
0.345	150.3
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0.475	157.4
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0.403	160.9
0.35	159.7
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0.313	152.5
0.304	153.9
0.245	152.7

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160.5962459	22.61
182.2598979	22.56
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187.3466876	22.46
176.2962446	22.4
169.5961403	22.36
162.0534901	22.33
161.5002424	22.32
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151.7450728	22.28
149.2056183	22.25
145.7762909	22.21
145.7762909	22.18
145.9799608	22.15
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139.1784222	22.1
135.4803714	22.09
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135.8831963	22.05
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135.9024875	21.97
137.9340071	21.95
139.9650888	21.93
141.3360215	21.92
145.0817692	21.91
149.5695304	21.91
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157.3589946	21.88
151.6116385	21.86
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143.1641434	21.81
147.6953406	21.8
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153.6876994	21.78
152.0140384	21.76
144.1380905	21.73
145.2773166	21.71
142.1758963	21.69
140.9038772	21.66
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152.0140384	21.57
153.6876994	21.55

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0.283	164.1	141.484113	23.12	0.423	155	150.5689831
0.268	148.3	160.7752562	23.06	0.383	147.3	162.6150149
0.303	141.6	175.0303206	22.99	0.473	142.9	171.8828066
0.269	142.8	172.1177686	22.94	0.432	139.4	180.8458047
0.202	136	191.2154206	22.88	0.322	130.2	182.5632711
0.192	137.7	185.8042924	22.79	0.369	132.6	189.2145397
0.292	135.8	191.884056	22.72	0.427	134.6	195.4097096
0.378	142.2	173.55231	22.65	0.534	138.4	183.7103804
0.5	144.1	169.1522337	22.6	0.681	142.7	172.3538995
0.496	148.7	160.0645165	22.59	0.751	144.2	168.9319213
0.54	148	161.3176459	22.58	0.743	145.6	165.9591491
0.561	151.8	155.0123664	22.57	0.75	148.5	160.4181218
0.543	155.5	149.9393426	22.56	0.707	151.9	154.8621634
0.492	157.9	147.1426245	22.52	0.69	153.7	152.2858181
0.462	160.2	144.7927354	22.48	0.693	156.7	148.4952449
0.556	160.1	144.8885107	22.43	0.702	154.3	151.4788997
0.593	161.9	143.249962	22.4	0.798	157.5	147.5835656
0.626	164.8	140.9746448	22.36	0.827	161.2	143.8658923
0.557	172.3	136.9857152	22.34	0.717	164.8	140.9746448
0.524	185.7	135.9221983	22.32	0.701	176.5	135.8458714
0.549	180	135.4622116	22.3	0.717	173.9	136.4626721
0.562	181.4	135.4506575	22.28	0.769	173.5	136.5830783
0.524	184.7	135.7439374	22.25	0.673	176.5	135.8458714
0.412	195	139.6529623	22.22	0.641	185	135.7930238
0.435	191.4	137.7521729	22.2	0.682	183.1	135.5454083
0.522	181.7	135.458704	22.19	0.653	175.7	136.0052434
0.504	175.8	135.9838512	22.17	0.681	170.2	137.8421902
0.49	173.3	136.6458601	22.16	0.679	167.5	139.23608
0.515	169.9	137.9805921	22.15	0.658	166.1	140.0933217
0.501	166	140.1581671	22.15	0.691	160.8	144.2299319
0.509	159.4	145.5749597	22.15	0.648	155.3	150.1891937
0.485	159.4	145.5749597	22.14	0.648	156.3	148.9662571
0.388	152.8	153.5442409	22.12	0.579	150	157.8499471
0.393	157.9	147.1426245	22.09	0.532	153.9	152.0140384
0.444	164.1	141.484113	22.06	0.593	160.5	144.5088047
0.479	160.1	144.8885107	22.05	0.629	157.5	147.5835656
0.615	167.5	139.23608	22.05	0.76	162.8	142.4968525
0.558	164	141.5589225	22.05	0.729	159.4	145.5749597
0.557	163.3	142.096964	22.06	0.79	160	144.9848547
0.546	158.9	146.0826775	22.04	0.704	154.6	151.0848301
0.552	162.3	142.9099119	22.01	0.724	158.2	146.8183282
0.439	167.3	139.3528135	21.97	0.661	162.9	142.4158267
0.517	166.5	139.8387928	21.94	0.672	162.9	142.4158267
0.468	168.6	138.6276173	21.91	0.656	164.3	141.3360215
0.552	170.7	137.6205085	21.88	0.582	163.4	142.0185516
0.519	169.6	138.1230627	21.85	0.639	163.7	141.786421
0.507	165.9	140.2234999	21.82	0.642	160.4	144.6028841
0.492	161.8	143.3363204	21.79	0.563	159.7	145.2773166
0.368	163.7	141.786421	21.77	0.56	160.3	144.6975271
0.398	163.5	141.9406579	21.75	0.524	159.7	145.2773166

23.54	0.709	162.5	142.7430964	149.2070965	Yes
23.46	0.65	162.2	142.9941199	142.0122263	Yes
23.38	0.626	159.8	145.1792559	161.3271588	Yes
23.31	0.76	156.3	148.9662571	175.6707295	Yes
23.26	0.616	149.1	159.3677662	165.9687346	Yes
23.15	0.556	141.8	174.5327325	187.7550112	Yes
23.05	0.611	144.1	169.1522337	173.0442598	Yes
22.97	0.752	147	163.184934	188.5951185	Yes
22.91	0.905	148.8	159.8890273	174.9309193	Yes
22.91	1.035	152.8	153.5442409	166.9148152	Yes
22.93	1.107	156.6	148.6120398	160.4047277	Yes
22.95	1.119	157.3	147.8077356	160.7614935	Yes
22.95	1.14	159.3	145.6753339	157.3957052	Yes
22.93	1.025	161.3	143.7762629	150.0363071	Yes
22.86	1.003	163.2	142.1758963	147.8650747	Yes
22.79	1.022	165.8	140.2893212	145.4726273	Yes
22.73	1.096	164.5	141.1899582	147.7774896	Yes
22.68	1.11	166.9	139.5919783	144.2267025	Yes
22.62	1.114	170.8	137.577514	141.9196158	Yes
22.59	1.059	175.3	136.0950271	138.7227388	Yes
22.57	0.927	183.1	135.5454083	135.9277783	Yes
22.55	0.958	182.3	135.4859439	135.8977548	Yes
22.52	1.035	182.4	135.4919297	135.9232941	Yes
22.49	0.954	182.9	135.52806	135.7341394	Yes
22.45	0.785	189.8	137.0961561	139.2624431	Yes
22.43	0.891	189.8	137.0961561	137.2369195	Yes
22.42	0.964	185.2	135.8278372	135.7302846	Yes
22.41	0.975	180.3	135.452927	136.8311154	Yes
22.41	1.007	178.5	135.564413	138.445259	Yes
22.4	0.957	176.3	135.8831963	138.727066	Yes
22.4	0.94	172.5	136.9142707	142.3115592	Yes
22.4	0.882	167.1	139.4714437	147.9847091	Yes
22.4	0.927	166.9	139.5919783	146.7647412	Yes
22.38	0.86	161.9	143.249962	154.0287625	Yes
22.36	0.784	165.5	140.4897269	148.296032	Yes
22.33	0.848	169.7	138.0751192	142.4415874	Yes
22.33	0.948	170	137.9340071	146.6457697	Yes
22.33	1.039	173.5	136.5830783	141.2475994	Yes
22.34	1.031	171.6	137.249547	144.8111275	Yes
22.35	1.048	170.8	137.577514	145.0983823	Yes
22.32	0.928	166.7	139.7144254	149.4722814	Yes
22.27	1.001	168.3	138.7879636	145.769575	Yes
22.21	0.842	170.8	137.577514	140.903642	Yes
22.17	0.888	172	137.0961561	140.9246841	Yes
22.12	0.82	171.3	137.3692134	139.3964651	Yes
22.09	0.916	174.5	136.2949008	139.5517217	Yes
22.05	0.883	173.4	136.6142539	139.6888634	Yes
22.02	0.874	170.7	137.6205085	144.3534797	Yes
21.99	0.819	171.4	137.328883	145.6871589	Yes
21.97	0.753	172.1	137.0589052	144.9219862	Yes
21.95	0.725	172.8	136.810367	145.4000606	Yes

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7/27/2019	21:46	21.28	0.207
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7/27/2019	21:53	21.1	0.062
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7/27/2019	21:55	21.08	0.085
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7/27/2019	22:00	21.03	0.112
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7/27/2019	22:21	20.7	0.054
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7/27/2019	22:23	20.68	0.07
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7/27/2019	22:25	20.67	0.088
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7/27/2019	22:27	20.64	0.134
7/27/2019	22:28	20.63	0.144
7/27/2019	22:29	20.63	0.149
7/27/2019	22:30	20.62	0.151
7/27/2019	22:31	20.6	0.17
7/27/2019	22:32	20.59	0.191

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100.7	143.3668232	20.86
97.7	142.2756368	20.84
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142.7	172.3538995	20.81
146.9	163.3767931	20.8
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154.8	150.8255466	20.76
78.16	144.8406576	20.74
113.4	152.9147416	20.73
178.3	135.5850754	20.72
153.6	152.4227699	20.71
177.2	135.7284098	20.69
161.3	143.7762629	20.68
180.3	135.452927	20.65
166.4	139.9016992	20.62
158.8	146.1859844	20.6
158.8	146.1859844	20.58
173.4	136.6142539	20.55
166.1	140.0933217	20.53
169.3	138.2696225	20.5

0.202	145.7
0.202	155.7
0.119	157.7
0.152	254.4
0.364	272.6
0.317	279
0.229	274.6
0.182	279.9
0.209	296.5
0.188	284.9
0.106	287.6
0.128	286.7
0.11	318
0.162	314.2
0.075	307.1
0.107	294.7
0.192	297.3
0.182	299.9
0.156	302.6
0.143	298.6
0.138	302.2
0.178	303.3
0.099	315.8
0.107	319.8
0.126	309.9
0.074	340.4
0.061	48.92
0.114	89
0.102	72.78
0.119	93.4
0.084	96.8
0.109	90.4
0.095	97.3
0.062	121.9
0.08	111
0.127	132.2
0.065	143.7
0.099	134.4
0.08	104.7
0.095	117.1
0.088	136.8
0.133	139
0.127	150
0.127	146
0.167	162.6
0.193	152.5
0.23	151
0.267	146.5
0.276	157.4
0.257	156.2
0.307	158.8

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149.6921424	21.51
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147.3423991	21.46
141.3370081	21.45
142.6984082	21.48
141.5698857	21.46
143.0358082	21.43
156.6530324	21.42
145.5997344	21.41
147.4958051	21.4
146.8220309	21.4
184.8977039	21.4
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175.0703199	21.44
154.4054945	21.45
157.7235069	21.45
161.5271173	21.46
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159.5615734	21.44
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167.3221929	21.44
191.884056	21.43
179.7400211	21.4
181.7867003	21.37
144.6028841	21.33
190.0442754	21.28
141.3525134	21.24
148.6465969	21.19
141.4093904	21.15
142.0271438	21.12
141.2801795	21.08
142.1607573	21.06
164.8158999	21.05
150.437296	21.03
188.0494405	21.04
170.0444603	21.04
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145.4740121	21.03
157.451638	21.04
188.6095808	21.04
181.9742025	21.05
157.8499471	21.05
165.1468514	21.04
142.6604859	21.03
153.9768314	21.02
156.2417902	21.01
164.1537804	21
147.6953406	20.98
149.0856146	20.96
146.1859844	20.93

0.356	160.1	144.8885107	21.74	0.522	159.1	145.8778326
0.309	164.8	140.9746448	21.72	0.436	161.9	143.249962
0.24	170.8	137.577514	21.7	0.364	165.9	140.2234999
0.19	229.2	189.2145397	21.68	0.264	212.8	159.540656
0.314	267.3	141.5541247	21.65	0.436	256.3	145.9889028
0.367	278.5	142.5268211	21.68	0.462	265.3	141.9522815
0.248	274.8	141.6027124	21.67	0.414	273.6	141.431807
0.213	282.6	144.2723744	21.64	0.335	280.9	143.4541915
0.304	304.3	169.2222095	21.65	0.453	303.2	167.137323
0.274	301	163.294883	21.67	0.428	309.8	181.5304128
0.175	302.6	166.0471971	21.68	0.32	306	172.6759748
0.191	295.2	155.008001	21.71	0.268	294.8	154.5246801
0.154	309.5	180.7691609	21.74	0.231	307.2	175.2945059
0.198	307.9	176.8952147	21.77	0.274	305.9	172.4646859
0.142	311.3	185.5124012	21.79	0.262	311.7	186.6257896
0.201	312.3	188.3385084	21.8	0.316	309.7	181.2753983
0.288	308	177.1284437	21.81	0.392	307.4	175.7462142
0.283	311.1	184.9640411	21.81	0.413	307.8	176.6631365
0.277	312.4	188.6290418	21.81	0.401	308	177.1284437
0.247	312.8	189.8060036	21.8	0.362	305.2	171.014516
0.239	311.7	186.6257896	21.81	0.344	299.2	160.4525084
0.261	309.4	180.5179243	21.81	0.368	302.7	166.2266321
0.167	313.5	191.9241395	21.78	0.278	304.8	170.2080831
0.156	314.6	195.7142115	21.74	0.267	307.3	175.5198021
0.185	309	179.5253688	21.69	0.305	303.4	167.507983
0.118	320.9	176.811543	21.63	0.269	308.1	177.3628294
0.071	359.3	135.4983288	21.58	0.179	313.3	191.3112307
0.094	85.8	141.8363207	21.53	0.046	357.2	135.7284098
0.097	67.56	153.8656216	21.49	0.08	50.3	186.0662962
0.144	98.4	142.4938547	21.43	0.102	82.5	142.8067836
0.121	96.7	142.0017483	21.37	0.099	88.1	141.4436643
0.138	96.8	142.0271438	21.33	0.092	83.5	142.4613373
0.105	91.4	141.2801795	21.29	0.042	81	143.4102756
0.078	109.8	149.3256382	21.26	0.05	112.5	151.9449052
0.093	111.6	151.0243214	21.23	0.061	117.3	157.7235069
0.158	130.1	182.3031224	21.23	0.149	130.6	183.6169505
0.107	139.8	179.7400211	21.25	0.154	124.3	169.2222095
0.138	138.3	184.0049395	21.26	0.182	126.7	174.1845669
0.131	111.2	150.6306288	21.28	0.151	103.5	144.7611164
0.141	115.8	155.7529709	21.31	0.174	105.7	146.1226545
0.113	137.5	186.4164902	21.33	0.18	123.8	168.2604307
0.415	137.9	185.1983516	21.36	0.265	129.8	181.5304128
0.249	149.5	158.684756	21.37	0.304	132	187.4756675
0.212	145.7	165.7545685	21.38	0.311	131.6	186.3453391
0.239	160.5	144.5088047	21.38	0.331	146.4	164.3504379
0.293	156.6	148.6120398	21.38	0.384	143.9	169.5961403
0.313	157.3	147.8077356	21.4	0.432	149.4	158.8542338
0.347	153.8	152.1495751	21.42	0.493	143.9	169.5961403
0.34	161.4	143.6871825	21.44	0.498	152.6	153.8318952
0.368	158	147.0339187	21.45	0.508	151.9	154.8621634
0.4	164	141.5589225	21.42	0.548	156.7	148.4952449

21.95	0.679	171.8	137.171973	150.1419291	Yes
21.94	0.592	172.7	136.8445673	143.1229609	Yes
21.92	0.539	176.9	135.7762441	141.0427886	Yes
21.89	0.356	206	149.5695304	162.0900594	Yes
21.85	0.444	254	147.6513318	143.0194176	Yes
21.88	0.477	262.1	142.9576428	144.7025376	Yes
21.88	0.411	273.5	141.4203824	141.5034489	Yes
21.89	0.421	281.9	143.9189973	143.9383204	Yes
21.94	0.569	305.1	170.8114111	165.8551911	Yes
22.02	0.541	313.6	192.2329492	158.1195028	Yes
22.1	0.501	305.1	170.8114111	156.9321064	Yes
22.15	0.399	295.5	155.3774631	149.7903739	Yes
22.16	0.28	297.4	157.8605159	183.0681503	Yes
22.16	0.322	298.4	159.2706591	179.2277885	Yes
22.15	0.314	299.5	160.9083592	178.7258021	Yes
22.13	0.367	300.6	162.6406568	172.5166496	Yes
22.11	0.433	300	161.6837847	169.5732156	Yes
22.1	0.462	299.2	160.4525084	176.2996407	Yes
22.08	0.432	298.3	159.1263255	177.291878	Yes
22.08	0.437	292	151.4274771	171.4301069	Yes
22.11	0.443	288.3	148.0494963	175.4077931	Yes
22.12	0.46	287.2	147.1911034	174.2885572	Yes
22.11	0.384	289.2	148.8003043	184.9551427	Yes
22.08	0.4	296.2	156.2631643	175.6132336	Yes
22.06	0.462	292.8	152.2626427	173.8520613	Yes
22.07	0.443	290.3	149.7788447	159.2617198	Yes
22.07	0.357	296.5	156.6530324	165.3910799	Yes
22.03	0.138	309.1	179.7716623	140.1829227	Yes
21.97	0.1	316	191.2154206	158.3055253	Yes
21.91	0.044	335.1	150.441715	142.0740276	Yes
21.85	0.068	69.62	151.612015	142.220708	Yes
21.78	0.048	359.1	135.5123672	142.283871	Yes
21.72	0.072	266.7	141.6552183	142.2817123	Yes
21.68	0.095	240.5	163.7942737	154.9476167	Yes
21.65	0.091	235.8	172.6759748	157.884756	Yes
21.64	0.095	185.8	135.9423289	179.3365766	Yes
21.62	0.087	182.3	135.4859439	167.4580594	Yes
21.61	0.135	156.3	148.9662571	175.9440691	Yes
21.6	0.095	143.5	170.4972397	146.4266037	Yes
21.6	0.107	134.2	194.1193848	153.0605013	Yes
21.61	0.142	147.5	162.2397397	169.7178943	Yes
21.64	0.206	137.2	187.3466876	175.2814342	Yes
21.65	0.286	121.9	164.8158999	159.9346951	Yes
21.66	0.268	127.7	176.4322033	165.2557555	Yes
21.67	0.353	143.9	169.5961403	146.7431639	Yes
21.69	0.381	163	142.3353263	153.0216777	Yes
21.75	0.485	168.1	138.8971847	152.272436	Yes
21.84	0.497	162.6	142.6604859	158.0213701	Yes
21.89	0.571	171.4	137.328883	145.4571681	Yes
21.96	0.651	165.2	140.6945686	147.7687546	Yes
21.98	0.688	167.8	139.0645196	143.6274436	Yes

7/27/2019	22:33	20.57	0.192
7/27/2019	22:34	20.55	0.178
7/27/2019	22:35	20.53	0.225
7/27/2019	22:36	20.54	0.206
7/27/2019	22:37	20.53	0.152
7/27/2019	22:38	20.51	0.187
7/27/2019	22:39	20.5	0.154
7/27/2019	22:40	20.48	0.186
7/27/2019	22:41	20.47	0.203
7/27/2019	22:42	20.45	0.249
7/27/2019	22:43	20.44	0.22
7/27/2019	22:44	20.43	0.206
7/27/2019	22:45	20.41	0.202
7/27/2019	22:46	20.4	0.269
7/27/2019	22:47	20.39	0.271
7/27/2019	22:48	20.38	0.295
7/27/2019	22:49	20.38	0.297
7/27/2019	22:50	20.38	0.305
7/27/2019	22:51	20.39	0.287
7/27/2019	22:52	20.39	0.345
7/27/2019	22:53	20.4	0.327
7/27/2019	22:54	20.4	0.309
7/27/2019	22:55	20.41	0.354
7/27/2019	22:56	20.43	0.402
7/27/2019	22:57	20.47	0.387
7/27/2019	22:58	20.51	0.374
7/27/2019	22:59	20.55	0.372
7/27/2019	23:00	20.58	0.386
7/27/2019	23:01	20.61	0.377
7/27/2019	23:02	20.63	0.362
7/27/2019	23:03	20.65	0.254
7/27/2019	23:04	20.65	0.242
7/27/2019	23:05	20.66	0.33
7/27/2019	23:06	20.65	0.339
7/27/2019	23:07	20.63	0.328
7/27/2019	23:08	20.6	0.292
7/27/2019	23:09	20.57	0.31
7/27/2019	23:10	20.53	0.295
7/27/2019	23:11	20.49	0.263
7/27/2019	23:12	20.46	0.294
7/27/2019	23:13	20.42	0.284
7/27/2019	23:14	20.4	0.238
7/27/2019	23:15	20.38	0.263
7/27/2019	23:16	20.35	0.275
7/27/2019	23:17	20.33	0.237
7/27/2019	23:18	20.32	0.263
7/27/2019	23:19	20.3	0.288
7/27/2019	23:20	20.29	0.325
7/27/2019	23:21	20.27	0.233
7/27/2019	23:22	20.25	0.283
7/27/2019	23:23	20.24	0.277

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174.8	136.2167669	20.45
163.8	141.7100752	20.43
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175	136.1668004	20.42
180.1	135.458704	20.4
190.8	137.4928614	20.39
169.8	138.0276292	20.37
168.9	138.471433	20.35
171.1	137.4512019	20.34
184.4	135.6986053	20.34
181.3	135.4488008	20.32
200.5	143.7762629	20.32
207.2	151.0848301	20.32
187.2	136.2684311	20.33
186.7	136.1424529	20.34
170.9	137.5349652	20.36
180.4	135.4506575	20.36
170.9	137.5349652	20.36
179.4	135.4919297	20.36
170.4	137.7521729	20.37
180.3	135.452927	20.37
180.2	135.4556091	20.39
179.9	135.4661321	20.41
186.8	136.1668004	20.47
182.9	135.52806	20.53
177.4	135.6986053	20.59
176.5	135.8458714	20.62
172.5	136.9142707	20.64
175.6	136.0270567	20.66
170.6	137.6639493	20.66
166.4	139.9016992	20.65
151.6	155.3150699	20.65
146.2	164.7466785	20.63
138.8	182.5470487	20.6
134.1	193.8009328	20.57
132.7	189.5095215	20.53
140.6	177.5942369	20.49
137	187.9748679	20.45
143.6	170.2702897	20.41
144.4	168.49455	20.38
147.3	162.6150149	20.35
139.9	179.4670474	20.32
142.7	172.3538995	20.29
137.3	187.035022	20.27
135	194.6299891	20.25
133.1	190.7045403	20.23
138.8	182.5470487	20.22
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146.2	164.7466785	20.19
150	157.8499471	20.17

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0.261	162.5
0.347	152.4
0.324	151.6
0.29	166.2
0.314	167.6
0.269	175
0.268	166
0.346	166.3
0.41	166.7
0.349	175
0.321	176.4
0.359	182
0.381	190.2
0.387	181.6
0.436	174.9
0.429	172
0.443	167.6
0.408	168.5
0.433	169.9
0.485	164.4
0.441	169.8
0.562	165.8
0.634	169.5
0.585	173.6
0.599	169.9
0.631	174.1
0.483	171.2
0.498	166.1
0.495	166
0.442	160.9
0.368	159.7
0.424	146.9
0.427	143.2
0.401	140
0.394	139.2
0.401	136.9
0.364	136.8
0.369	143.8
0.38	143
0.326	152
0.362	146.4
0.304	143.2
0.323	144.2
0.293	136.8
0.314	139.1
0.353	133.2
0.403	138.6
0.314	145
0.406	140.7
0.406	146.6

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142.7430964	20.87
154.1225109	20.85
155.3150699	20.85
140.0289626	20.84
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136.1668004	20.79
140.1581671	20.76
139.9650888	20.74
139.7144254	20.72
136.1668004	20.71
135.8643244	20.68
135.4704656	20.66
137.249547	20.66
135.4556091	20.67
136.1915717	20.68
137.0961561	20.7
139.1784222	20.7
138.6806025	20.7
137.9805921	20.69
141.262737	20.69
138.0276292	20.69
140.2893212	20.7
138.1714606	20.73
136.5523328	20.8
137.9805921	20.87
136.4050401	20.93
137.4099861	20.96
140.0933217	20.98
140.1581671	21
144.1380905	21
145.2773166	20.98
163.3767931	20.97
171.184873	20.93
179.1954466	20.86
181.4071437	20.8
188.2914027	20.73
188.6095808	20.67
169.8197457	20.62
171.6490075	20.57
154.712722	20.54
164.3504379	20.51
171.184873	20.48
168.9319213	20.45
188.6095808	20.43
181.6899539	20.41
191.0071128	20.39
183.1257514	20.38
167.2080708	20.37
177.3320297	20.35
163.9580918	20.34

0.41	169.4	138.2203136	21.39	0.572	161.4	143.6871825
0.353	165.4	140.557513	21.33	0.507	160.6	144.4152874
0.451	164.5	141.1899582	21.29	0.604	161.3	143.7762629
0.416	159.7	145.2773166	21.29	0.587	158.1	146.9258206
0.358	173.4	136.6142539	21.26	0.597	170.8	137.577514
0.395	175.3	136.0950271	21.23	0.56	172.5	136.9142707
0.343	179.5	135.4859439	21.19	0.532	172.8	136.810367
0.388	174.7	136.2423866	21.14	0.538	170	137.9340071
0.467	173.9	136.4626721	21.1	0.607	170.1	137.8878733
0.502	178.9	135.52806	21.08	0.736	172.7	136.8445673
0.435	181	135.4457063	21.06	0.599	174.5	136.2949008
0.446	180.6	135.4473567	21.02	0.628	174.8	136.2167669
0.429	188.9	136.7766005	21	0.649	179.9	135.4661321
0.446	192.4	138.2203136	21	0.679	182.9	135.52806
0.533	185.5	135.8831963	20.99	0.699	181.5	135.452927
0.548	185.5	135.8831963	21	0.753	180.5	135.4488008
0.587	180.6	135.4473567	21.03	0.808	176.4	135.8643244
0.592	177.2	135.7284098	21.03	0.793	170.1	137.8878733
0.558	176.6	135.8278372	21.01	0.732	170.9	137.5349652
0.572	178.4	135.5745369	20.98	0.751	171.9	137.1338452
0.619	175.6	136.0270567	20.96	0.782	169.2	138.3193881
0.595	178	135.6191797	20.95	0.787	169.7	138.0751192
0.667	174.4	136.3217962	20.95	0.913	170.2	137.8421902
0.737	177.1	135.7439374	20.98	0.977	173.2	136.6778973
0.759	179.7	135.475212	21.06	1.004	174.3	136.3491176
0.744	178.7	135.5454083	21.13	0.951	174.4	136.3217962
0.703	181.5	135.452927	21.19	0.956	177.1	135.7439374
0.689	179.4	135.4919297	21.22	0.842	173.8	136.4921301
0.733	174.9	136.1915717	21.24	0.925	171.5	137.2889944
0.679	175.8	135.9838512	21.26	0.852	169.6	138.1230627
0.572	173.2	136.6778973	21.25	0.756	167.7	139.1212357
0.539	166.8	139.6529623	21.23	0.652	162.1	143.0788632
0.569	157.7	147.3618674	21.21	0.704	153.6	152.4227699
0.536	152.7	153.6876994	21.15	0.696	148	161.3176459
0.48	147.3	162.6150149	21.06	0.682	144.7	167.8465446
0.49	148.6	160.24088	20.98	0.622	145.9	165.3484246
0.47	147.5	162.2397397	20.9	0.639	144.3	168.7126952
0.48	148.6	160.24088	20.83	0.64	146.4	164.3504379
0.446	154.4	151.3468538	20.78	0.617	150	157.8499471
0.463	151.2	155.9297559	20.74	0.643	148.4	160.5962459
0.473	159.1	145.8778326	20.71	0.641	156.4	148.8475437
0.428	155.1	150.441715	20.69	0.623	149.7	158.3483275
0.416	149.5	158.684756	20.66	0.54	143.8	169.8197457
0.451	150.8	156.5569873	20.63	0.568	143.7	170.0444603
0.342	144.8	167.6326681	20.6	0.529	140.2	178.6563324
0.392	147.4	162.4269132	20.58	0.553	142.2	173.55231
0.431	143.4	170.7253164	20.57	0.598	139.8	179.7400211
0.488	147.4	162.4269132	20.58	0.682	143.4	170.7253164
0.398	151.9	154.8621634	20.58	0.572	144.5	168.2774801
0.471	149.1	159.3677662	20.55	0.679	144.1	169.1522337
0.487	155.6	149.8154124	20.54	0.708	147.8	161.6837458

21.97	0.748	167.2	139.411891	140.6058129	Yes
21.92	0.735	169.4	138.2203136	140.9831659	Yes
21.89	0.75	174.4	136.3217962	145.1997018	Yes
21.86	0.773	170.5	137.7078372	148.9167172	Yes
21.8	0.857	183.6	135.5960285	137.5968827	Yes
21.76	0.723	183.2	135.5547035	136.911606	Yes
21.68	0.666	181.4	135.4506575	136.4889932	Yes
21.59	0.672	180.5	135.4488008	138.0905475	Yes
21.51	0.74	180.6	135.4473567	138.1967668	Yes
21.46	0.863	184.4	135.6986053	137.3845636	Yes
21.43	0.729	182.9	135.52806	135.9015032	Yes
21.37	0.781	183	135.5365272	135.7443122	Yes
21.33	0.802	186	135.9838512	137.8723653	Yes
21.31	0.84	191.2	137.6639493	140.5206877	Yes
21.32	0.978	191.8	137.9340071	135.7650409	Yes
21.35	0.952	190.7	137.4512019	135.9165054	Yes
21.39	1.043	187.3	136.2949008	136.4857006	Yes
21.36	0.978	180.6	135.4473567	137.0613407	Yes
21.31	0.929	181.1	135.4463252	137.3945925	Yes
21.26	0.902	180.6	135.4473567	136.545226	Yes
21.22	0.99	178.8	135.5365272	138.3403387	Yes
21.2	1.039	178.1	135.6073966	136.7937138	Yes
21.2	1.115	178.5	135.564413	137.4772292	Yes
21.23	1.3	182	135.4704656	136.5148569	Yes
21.32	1.351	184.2	135.6704665	136.1358657	Yes
21.39	1.278	182.5	135.4983288	136.3439642	Yes
21.43	1.226	185.7	135.9221983	135.8251274	Yes
21.45	1.136	182.4	135.4919297	136.3099793	Yes
21.46	1.226	181.8	135.4622116	137.6220396	Yes
21.5	1.149	180.4	135.4506575	137.5730344	Yes
21.49	0.937	177.5	135.6843278	139.4002932	Yes
21.46	0.915	172.5	136.9142707	141.9777103	Yes
21.43	0.918	166.7	139.7144254	154.6191251	Yes
21.36	0.865	161	144.0468045	162.7342242	Yes
21.27	0.881	158.9	146.0826775	173.0510137	Yes
21.19	0.811	158.7	146.2898835	175.1993453	Yes
21.11	0.825	157.4	147.6953406	177.1883398	Yes
21.04	0.825	159.1	145.8778326	172.6987839	Yes
20.99	0.809	163.5	141.9406579	166.7478536	Yes
20.96	0.868	162.6	142.6604859	164.6113247	Yes
20.95	0.879	169.4	138.2203136	154.4831621	Yes
20.95	0.807	161.3	143.7762629	158.9388738	Yes
20.89	0.79	157	148.1486618	169.7891055	Yes
20.87	0.818	156	149.3262707	166.9718171	Yes
20.84	0.774	151.9	154.8621634	180.4834008	Yes
20.83	0.782	152.3	154.2689366	178.0747915	Yes
20.82	0.834	152.1	154.5640391	183.0442476	Yes
20.88	0.882	158.2	146.8183282	174.7062574	Yes
20.89	0.79	154.3	151.4788997	161.7658737	Yes
20.85	0.913	153.8	152.1495751	167.649677	Yes
20.83	0.964	158.3	146.7114396	158.3267993	Yes

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7/27/2019	23:30	20.23	0.372
7/27/2019	23:31	20.23	0.392
7/27/2019	23:32	20.24	0.407
7/27/2019	23:33	20.24	0.349
7/27/2019	23:34	20.24	0.397
7/27/2019	23:35	20.24	0.356
7/27/2019	23:36	20.24	0.33
7/27/2019	23:37	20.23	0.37
7/27/2019	23:38	20.24	0.422
7/27/2019	23:39	20.24	0.429
7/27/2019	23:40	20.25	0.482
7/27/2019	23:41	20.25	0.419
7/27/2019	23:42	20.25	0.403
7/27/2019	23:43	20.25	0.37
7/27/2019	23:44	20.24	0.388
7/27/2019	23:45	20.24	0.436
7/27/2019	23:46	20.23	0.46
7/27/2019	23:47	20.23	0.365
7/27/2019	23:48	20.23	0.377
7/27/2019	23:49	20.22	0.495
7/27/2019	23:50	20.22	0.419
7/27/2019	23:51	20.22	0.448
7/27/2019	23:52	20.22	0.425
7/27/2019	23:53	20.22	0.384
7/27/2019	23:54	20.21	0.445
7/27/2019	23:55	20.2	0.364
7/27/2019	23:56	20.19	0.315
7/27/2019	23:57	20.18	0.293
7/27/2019	23:58	20.16	0.3
7/27/2019	23:59	20.15	0.246
7/28/2019	0:00	20.14	0.319
7/28/2019	0:01	20.12	0.263
7/28/2019	0:02	20.12	0.39
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7/28/2019	0:11	20.16	0.375
7/28/2019	0:12	20.16	0.362
7/28/2019	0:13	20.15	0.337
7/28/2019	0:14	20.14	0.334

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147.1	162.994021	20.16
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152.8	153.5442409	20.17
157.6	147.4724086	20.16
144.9	167.4198452	20.17
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151.4	155.6208578	20.17
165.5	140.4897269	20.18
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167.6	139.1784222	20.17
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164.6	141.1176841	20.16
162.2	142.9941199	20.15
169.7	138.0751192	20.15
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164.5	141.1899582	20.14
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186.6	136.1185285	20.12
189.9	137.1338452	20.11
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163.3	142.096964	20.07
164.2	141.4098131	20.05
167.8	139.0645196	20.04
146.4	164.3504379	20.04
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164	141.5589225	20.07
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203.6	146.8183282	20.11
193.3	138.6806025	20.11
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190.4	137.328883	20.09
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0.469	144
0.482	155
0.502	148.9
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0.604	155.8
0.585	159
0.65	157
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0.542	161.6
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0.675	164.7
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158.684756	20.38
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141.786421	20.27
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141.4098131	20.24
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167.8465446	20.25
148.379085	20.26
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137.9340071	20.31
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135.5745369	20.29
136.6458601	20.27

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0.667	155.6	149.8154124	20.57	0.836	150.8	156.5569873
0.668	156.1	149.2056183	20.59	0.871	149.3	159.0245589
0.614	153.9	152.0140384	20.59	0.871	147.6	162.0534901
0.587	155.4	150.0639356	20.58	0.869	150.7	156.7157803
0.582	157.5	147.5835656	20.58	0.818	150.2	157.5218261
0.637	152.5	153.9768314	20.57	0.846	147.3	162.6150149
0.654	156.3	148.9662571	20.57	0.815	151.3	155.7749165
0.612	155.3	150.1891937	20.58	0.828	151	156.2417902
0.615	152.2	154.4161117	20.58	0.848	147.3	162.6150149
0.566	152.9	153.4015168	20.57	0.768	146.5	164.1537804
0.537	162.5	142.7430964	20.56	0.735	156.5	148.729472
0.634	159.6	145.3759529	20.57	0.801	155.2	150.3151193
0.653	157.6	147.4724086	20.58	0.918	151	156.2417902
0.751	162	143.1641434	20.58	0.929	155.1	150.441715
0.753	162.5	142.7430964	20.59	0.991	157.5	147.5835656
0.707	168.3	138.7879636	20.59	0.921	161.3	143.7762629
0.688	171.6	137.249547	20.58	0.896	164.4	141.262737
0.636	172.8	136.810367	20.58	0.803	166.5	139.8387928
0.705	169.6	138.1230627	20.56	0.932	163.8	141.7100752
0.713	167.3	139.3528135	20.54	0.977	162.2	142.9941199
0.811	164.6	141.1176841	20.52	0.945	158.7	146.2898835
0.747	167.8	139.0645196	20.5	0.917	163.3	142.096964
0.634	169.8	138.0276292	20.5	0.932	163.1	142.25535
0.772	165.9	140.2234999	20.5	0.947	162.1	143.0788632
0.7	167.2	139.411891	20.49	0.946	161.4	143.6871825
0.774	166.3	139.9650888	20.49	1.011	161.5	143.5986496
0.75	162.7	142.5784051	20.49	0.952	158.3	146.7114396
0.699	166.5	139.8387928	20.48	0.932	161.9	143.249962
0.748	174.4	136.3217962	20.48	0.915	165	140.8336095
0.587	174	136.4336422	20.47	0.797	169	138.4202926
0.53	178	135.6191797	20.45	0.705	170.5	137.7078372
0.497	176.7	135.8102214	20.43	0.612	172.4	136.949775
0.486	174.6	136.2684311	20.41	0.662	167.3	139.3528135
0.475	168.8	138.5230334	20.38	0.622	162.6	142.6604859
0.537	166.8	139.6529623	20.37	0.59	159.1	145.8778326
0.478	167.3	139.3528135	20.36	0.741	159.8	145.1792559
0.689	159.1	145.8778326	20.37	0.815	150.9	156.3989918
0.748	157.1	148.034394	20.39	0.799	150.3	157.3589946
0.642	165.9	140.2234999	20.41	0.823	155.6	149.8154124
0.549	171.8	137.171973	20.43	0.861	161.9	143.249962
0.637	165.5	140.4897269	20.45	0.827	160.9	144.1380905
0.882	171.1	137.4512019	20.45	1.066	163.4	142.0185516
0.745	171.6	137.249547	20.46	0.958	165	140.8336095
0.507	188.7	136.7103661	20.47	0.715	180.6	135.4473567
0.551	186	135.9838512	20.46	0.683	178.8	135.5365272
0.724	176.6	135.8278372	20.45	0.789	171	137.4928614
0.64	182.1	135.475212	20.44	0.75	171.8	137.171973
0.561	183.2	135.5547035	20.42	0.75	177.4	135.6986053
0.623	180.6	135.4473567	20.41	0.791	176.3	135.8831963

20.84	1.015	159.1	145.8778326	158.4659025	Yes
20.82	1.035	156.5	148.729472	162.4119334	Yes
20.84	1.074	159.7	145.2773166	158.4263425	Yes
20.85	1.086	158.7	146.2898835	158.5169258	Yes
20.83	1.062	157.6	147.4724086	161.2070589	Yes
20.82	1.062	159.9	145.0817692	154.9051519	Yes
20.81	0.998	158.9	146.0826775	158.8798145	Yes
20.78	1.015	157.9	147.1426245	165.2080149	Yes
20.79	1.011	161.6	143.5106627	157.8328378	Yes
20.81	1.032	162.3	142.9099119	157.8249159	Yes
20.81	0.985	156.3	148.9662571	164.0007765	Yes
20.77	0.951	157.5	147.5835656	162.3859876	Yes
20.76	0.918	166.4	139.9016992	148.8964481	Yes
20.77	1.023	166.6	139.7763685	150.7194723	Yes
20.79	1.122	162.9	142.4158267	157.4547	Yes
20.79	1.197	166	140.1581671	151.6295563	Yes
20.79	1.203	165.6	140.4224336	150.8673365	Yes
20.77	1.068	169.5	138.1714606	141.8906895	Yes
20.75	1.035	173.7	136.5220169	139.6818234	Yes
20.73	1.049	175.3	136.0950271	139.3313548	Yes
20.71	1.152	173.4	136.6142539	140.3568467	Yes
20.69	1.076	171.4	137.328883	142.2388378	Yes
20.65	1.191	167.4	139.2942101	144.4932064	Yes
20.64	1.168	171.2	137.4099861	143.3403055	Yes
20.63	1.18	174	136.4336422	140.9832645	Yes
20.63	1.112	171.4	137.328883	145.702809	Yes
20.63	1.136	171.8	137.171973	144.8485384	Yes
20.63	1.215	170.2	137.8421902	144.5266942	Yes
20.64	1.164	168.5	138.6806025	146.1505785	Yes
20.63	1.149	171.6	137.249547	142.6068007	Yes
20.62	1.039	173.1	136.7103661	140.034378	Yes
20.59	0.872	175.6	136.0270567	137.746456	Yes
20.57	0.846	179	135.5200067	136.6936071	Yes
20.54	0.786	178.1	135.6073966	136.6760522	Yes
20.51	0.829	175.1	136.1424529	138.8706962	Yes
20.49	0.852	169.4	138.2203136	142.3407902	Yes
20.48	0.805	166.5	139.8387928	142.0876053	Yes
20.48	0.809	166.4	139.9016992	142.5240137	Yes
20.49	1.049	156.7	148.4952449	156.1606265	Yes
20.51	1.128	157.4	147.6953406	158.1519249	Yes
20.52	0.995	164.7	141.0459134	145.2287124	Yes
20.54	0.948	169.3	138.2696225	141.529737	Yes
20.55	0.967	168.7	138.5750946	142.8906732	Yes
20.56	1.287	170.4	137.7521729	140.6531577	Yes
20.58	1.251	172.1	137.0589052	139.6018979	Yes
20.58	0.76	185.3	135.8458714	138.6058519	Yes
20.57	0.824	188	136.4921301	136.4157981	Yes
20.55	1.033	179	135.5200067	136.8149872	Yes
20.54	0.941	179	135.5200067	137.0864842	Yes
20.52	0.882	182.9	135.52806	136.0391822	Yes
20.5	0.958	182.8	135.5200067	136.1171358	Yes

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7/28/2019	0:40	20.02	0.267
7/28/2019	0:41	20.01	0.25
7/28/2019	0:42	20.01	0.215
7/28/2019	0:43	20	0.232
7/28/2019	0:44	19.99	0.243
7/28/2019	0:45	19.98	0.308
7/28/2019	0:46	19.98	0.262
7/28/2019	0:47	19.96	0.222
7/28/2019	0:48	19.95	0.251
7/28/2019	0:49	19.93	0.284
7/28/2019	0:50	19.91	0.234
7/28/2019	0:51	19.89	0.276
7/28/2019	0:52	19.87	0.279
7/28/2019	0:53	19.85	0.337
7/28/2019	0:54	19.84	0.363
7/28/2019	0:55	19.83	0.326
7/28/2019	0:56	19.82	0.338
7/28/2019	0:57	19.81	0.359
7/28/2019	0:58	19.8	0.342
7/28/2019	0:59	19.8	0.358
7/28/2019	1:00	19.78	0.301
7/28/2019	1:01	19.78	0.344
7/28/2019	1:02	19.78	0.396
7/28/2019	1:03	19.78	0.383
7/28/2019	1:04	19.78	0.344
7/28/2019	1:05	19.77	0.379

177.6	135.6704665	20.07
179.4	135.4919297	20.07
179.8	135.4704656	20.06
167	139.5314724	20.06
156.8	148.379085	20.06
149.1	159.3677662	20.06
144.9	167.4198452	20.07
137.2	187.3466876	20.09
131.1	184.9640411	20.1
127.2	175.2945059	20.1
129.6	181.0216499	20.1
125.5	171.6298847	20.09
132.8	189.8060036	20.08
139.9	179.4670474	20.07
154.3	151.4788997	20.06
163.1	142.25535	20.05
161.1	143.9560723	20.05
170.1	137.8878733	20.04
177.4	135.6986053	20.03
192.1	138.0751192	20.02
175	136.1668004	20.01
180.8	135.4457063	19.99
186.3	136.0492916	19.97
175.6	136.0270567	19.95
171.8	137.171973	19.94
164.3	141.3360215	19.93
166.2	140.0289626	19.92
179	135.5200067	19.91
173.9	136.4626721	19.91
165.9	140.2234999	19.89
163.5	141.9406579	19.89
164.2	141.4098131	19.88
162.8	142.4968525	19.86
171.4	137.328883	19.85
174.8	136.2167669	19.83
174.1	136.4050401	19.81
180	135.4622116	19.79
172.8	136.810367	19.77
180.7	135.4463252	19.75
166.3	139.9650888	19.73
165.2	140.6945686	19.72
177.8	135.6439919	19.71
172.8	136.810367	19.71
173.6	136.5523328	19.7
169.9	137.9805921	19.7
169.5	138.1714606	19.69
175.8	135.9838512	19.68
164.1	141.484113	19.68
163.3	142.096964	19.69
166	140.1581671	19.69
172.1	137.0589052	19.68

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0.524	162.6
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0.362	139
0.383	129.5
0.385	130.4
0.457	131.2
0.462	133.7
0.501	142.6
0.526	146.3
0.381	149.9
0.368	159.8
0.372	160.8
0.399	164.2
0.344	177
0.357	173.4
0.33	169.1
0.297	164.1
0.355	163.4
0.363	158.6
0.362	156.6
0.379	160.6
0.308	165.3
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0.322	158.5
0.356	157.1
0.416	152.9
0.387	161.8
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0.362	169.7
0.374	167.2
0.476	165.3
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0.549	162.1
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0.476	161.3
0.458	164.3
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0.453	158.2
0.517	160.8
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0.501	166.4

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141.6342428	20.25
142.6604859	20.26
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154.5640391	20.28
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182.2598979	20.32
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192.5433417	20.23
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158.0152438	20.21
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144.2299319	20.22
141.4098131	20.22
135.759882	20.21
136.6142539	20.19
138.3696112	20.18
141.484113	20.17
142.0185516	20.16
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148.6120398	20.16
144.4152874	20.16
140.6257933	20.15
141.1176841	20.14
146.4994658	20.14
148.034394	20.13
153.4015168	20.12
143.3363204	20.1
143.7762629	20.08
142.9099119	20.06
138.734051	20.04
138.0751192	20.01
139.411891	19.99
140.6257933	19.97
144.6028841	19.95
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145.2773166	19.93
143.7762629	19.93
141.3360215	19.92
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144.2299319	19.9
147.8077356	19.91
147.4724086	19.91
146.2898835	19.91
139.9016992	19.91

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0.605	175.7	136.0052434	20.38	0.77	168.4	138.734051
0.656	173	136.743267	20.38	0.729	169.5	138.1714606
0.548	170.6	137.6639493	20.4	0.769	165.4	140.557513
0.421	165.9	140.2234999	20.42	0.635	161.3	143.7762629
0.477	162.5	142.7430964	20.44	0.679	153.7	152.2858181
0.547	152	154.712722	20.47	0.683	147.2	162.8040494
0.466	149	159.540656	20.49	0.611	145.3	166.5789856
0.467	146.2	164.7466785	20.48	0.581	140.6	177.5942369
0.441	139.8	179.7400211	20.47	0.63	135.6	192.5597384
0.5	139.5	180.5672593	20.45	0.646	132.8	189.8060036
0.564	140	179.1954466	20.41	0.773	133	190.403504
0.541	143.8	169.8197457	20.38	0.757	135	194.6299891
0.572	149.5	158.684756	20.36	0.783	143.4	170.7253164
0.631	158.9	146.0826775	20.36	0.766	150.9	156.3989918
0.575	161.1	143.9560723	20.36	0.613	153	153.2595242
0.475	162.7	142.5784051	20.37	0.618	158.9	146.0826775
0.6	170.9	137.5349652	20.37	0.676	163.5	141.9406579
0.495	171.3	137.3692134	20.37	0.64	166.4	139.9016992
0.407	181.6	135.4556091	20.36	0.572	173.3	136.6458601
0.37	178.6	135.5547035	20.34	0.591	166.8	139.6529623
0.438	175.5	136.0492916	20.33	0.537	165.6	140.4224336
0.445	174.5	136.2949008	20.32	0.492	168.3	138.7879636
0.512	169.4	138.2203136	20.32	0.587	161	144.0468045
0.488	167	139.5314724	20.31	0.609	159.6	145.3759529
0.518	165.9	140.2234999	20.32	0.601	159	145.9799608
0.447	168.7	138.5750946	20.33	0.594	162.1	143.0788632
0.428	174.8	136.2167669	20.33	0.543	164.1	141.484113
0.395	170.3	137.796957	20.32	0.546	164.4	141.262737
0.443	167.7	139.1212357	20.31	0.578	160.2	144.7927354
0.508	166.2	140.0289626	20.31	0.619	163.3	142.096964
0.501	161.5	143.5986496	20.3	0.673	156.7	148.4952449
0.504	168.1	138.8971847	20.28	0.637	163.1	142.25535
0.448	169.2	138.3193881	20.26	0.6	160.7	144.3223303
0.486	168	138.952495	20.24	0.601	162	143.1641434
0.508	173	136.743267	20.21	0.643	167.1	139.4714437
0.463	178.3	135.5850754	20.18	0.621	169.3	138.2696225
0.511	173.7	136.5220169	20.16	0.672	166.6	139.7763685
0.654	173	136.743267	20.14	0.784	165.4	140.557513
0.613	170.8	137.577514	20.12	0.869	163.3	142.096964
0.666	170.4	137.7521729	20.11	0.866	164.9	140.9038772
0.631	171.3	137.3692134	20.09	0.797	162.6	142.6604859
0.657	169.4	138.2203136	20.09	0.79	161.9	143.249962
0.651	172.9	136.7766005	20.08	0.788	164.7	141.0459134
0.655	170.7	137.6205085	20.07	0.764	164.4	141.262737
0.571	169.4	138.2203136	20.06	0.79	162.1	143.0788632
0.592	167.1	139.4714437	20.06	0.818	163.3	142.096964
0.695	166.1	140.0933217	20.06	0.882	159.4	145.5749597
0.635	168.3	138.7879636	20.07	0.909	160.2	144.7927354
0.651	166.9	139.5919783	20.07	0.828	162.6	142.6604859
0.616	174.3	136.3491176	20.06	0.858	165.5	140.4897269

20.48	0.9	181.8	135.4622116	135.8058757	Yes
20.48	0.944	175.8	135.9838512	137.1756643	Yes
20.48	0.941	175.2	136.1185285	138.004859	Yes
20.51	0.861	175.7	136.0052434	140.1033552	Yes
20.54	0.75	171.4	137.328883	144.2690937	Yes
20.56	0.758	163.9	141.6342428	152.24018	Yes
20.59	0.829	157.1	148.034394	165.6327134	Yes
20.61	0.74	154.7	150.9548471	173.9315568	Yes
20.6	0.754	152.4	154.1225109	177.3197897	Yes
20.59	0.764	146.5	164.1537804	182.0908566	Yes
20.56	0.861	142.4	173.0693692	183.620598	Yes
20.52	0.954	142.4	173.0693692	181.6165921	Yes
20.5	0.957	146.5	164.1537804	186.69977	Yes
20.48	0.962	152.8	153.5442409	170.3670814	Yes
20.47	1.009	156	149.3262707	154.6271595	Yes
20.48	0.889	160	144.9848547	149.3715476	Yes
20.5	0.818	164.8	140.9746448	144.4491027	Yes
20.51	0.871	169.2	138.3193881	140.3983571	Yes
20.51	0.739	173.6	136.5523328	138.5948327	Yes
20.49	0.7	175.5	136.0492916	136.4841176	Yes
20.47	0.69	175.6	136.0270567	136.99718	Yes
20.46	0.688	172.5	136.9142707	137.5717607	Yes
20.45	0.72	174	136.4336422	138.1540673	Yes
20.45	0.798	169.6	138.1230627	140.0781816	Yes
20.45	0.817	168.4	138.734051	142.1184437	Yes
20.47	0.83	166.9	139.5919783	144.0378805	Yes
20.49	0.754	171	137.4928614	141.5245519	Yes
20.48	0.677	173	136.743267	138.46167	Yes
20.48	0.708	172.2	137.0220917	139.1600125	Yes
20.47	0.752	169.1	138.3696112	142.6592342	Yes
20.47	0.814	168.7	138.5750946	143.0252446	Yes
20.46	0.817	167.4	139.2942101	146.7263061	Yes
20.44	0.821	172.8	136.810367	141.7464269	Yes
20.42	0.782	171.5	137.2889944	140.9367161	Yes
20.39	0.826	171.8	137.171973	140.3108293	Yes
20.36	0.803	174.5	136.2949008	137.8384504	Yes
20.33	0.797	177	135.759882	136.8480072	Yes
20.3	0.838	175.6	136.0270567	138.1301609	Yes
20.28	0.952	174.2	136.3768654	138.3432246	Yes
20.26	1.023	173.4	136.6142539	141.0606127	Yes
20.25	1.061	173.8	136.4921301	140.6073705	Yes
20.24	1.005	170.9	137.5349652	140.2377519	Yes
20.23	1.002	170.9	137.5349652	140.5142264	Yes
20.21	0.944	174.2	136.3768654	138.927717	Yes
20.19	0.974	174.3	136.3491176	140.5352885	Yes
20.18	1.001	172.6	136.8792016	141.5722414	Yes
20.18	0.97	171.4	137.328883	140.4455477	Yes
20.19	1.047	170.3	137.796957	143.7400325	Yes
20.2	0.998	171.3	137.3692134	143.2875179	Yes
20.19	1.073	171.2	137.4099861	142.1751287	Yes
20.19	0.972	175.1	136.1424529	138.4498622	Yes

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7/28/2019	1:07	19.76	0.364
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7/28/2019	1:10	19.77	0.413
7/28/2019	1:11	19.78	0.466
7/28/2019	1:12	19.8	0.441
7/28/2019	1:13	19.81	0.439
7/28/2019	1:14	19.82	0.343
7/28/2019	1:15	19.83	0.337
7/28/2019	1:16	19.84	0.398
7/28/2019	1:17	19.85	0.346
7/28/2019	1:18	19.86	0.451
7/28/2019	1:19	19.88	0.34
7/28/2019	1:20	19.9	0.474
7/28/2019	1:21	19.92	0.542
7/28/2019	1:22	19.94	0.432
7/28/2019	1:23	19.95	0.407
7/28/2019	1:24	19.96	0.449
7/28/2019	1:25	19.97	0.445
7/28/2019	1:26	19.98	0.497
7/28/2019	1:27	20	0.474
7/28/2019	1:28	20.01	0.37
7/28/2019	1:29	20.02	0.461
7/28/2019	1:30	20.03	0.485
7/28/2019	1:31	20.03	0.467
7/28/2019	1:32	20.03	0.422
7/28/2019	1:33	20.04	0.542
7/28/2019	1:34	20.05	0.517
7/28/2019	1:35	20.06	0.5
7/28/2019	1:36	20.06	0.491
7/28/2019	1:37	20.07	0.621
7/28/2019	1:38	20.09	0.556
7/28/2019	1:39	20.1	0.512
7/28/2019	1:40	20.09	0.525
7/28/2019	1:41	20.08	0.518
7/28/2019	1:42	20.07	0.428
7/28/2019	1:43	20.05	0.348
7/28/2019	1:44	20.02	0.437
7/28/2019	1:45	19.99	0.413
7/28/2019	1:46	19.96	0.296
7/28/2019	1:47	19.92	0.308
7/28/2019	1:48	19.88	0.339
7/28/2019	1:49	19.85	0.503
7/28/2019	1:50	19.83	0.491
7/28/2019	1:51	19.82	0.453
7/28/2019	1:52	19.8	0.417
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7/28/2019	1:55	19.75	0.39
7/28/2019	1:56	19.74	0.375

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182.8	135.5200067	19.7
179.9	135.4661321	19.73
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181.2	135.4473567	19.79
191.3	137.7078372	19.81
184.8	135.759882	19.83
186.2	136.0270567	19.85
197.4	141.262737	19.87
184.4	135.6986053	19.89
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191	137.577514	19.96
198	141.7100752	19.99
190.5	137.3692134	19.99
185.5	135.8831963	20
185.8	135.9423289	20.01
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190.3	137.2889944	20.04
187.5	136.3491176	20.07
185.5	135.8831963	20.08
186	135.9838512	20.08
194.5	139.3528135	20.08
188.6	136.6778973	20.08
187	136.2167669	20.09
178	135.6191797	20.11
178.7	135.5454083	20.11
172.6	136.8792016	20.1
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179.9	135.4661321	20.13
166.8	139.6529623	20.13
176.9	135.7762441	20.11
169.6	138.1230627	20.08
172.3	136.9857152	20.06
180.3	135.452927	20.03
166.3	139.9650888	19.99
174.6	136.2684311	19.95
183.7	135.6073966	19.91
185.9	135.9628798	19.87
173.1	136.7103661	19.83
169.1	138.3696112	19.79
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191.6	137.8421902	19.73

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0.559	173.1
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0.668	177.2
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0.598	178.8
0.626	178.2
0.708	178.1
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0.753	180.9
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0.576	175.4
0.658	176.6
0.671	178
0.598	179.3
0.711	178.6
0.695	176.7
0.751	176
0.613	174.1
0.638	177.9
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0.784	175.5
0.755	173.7
0.737	173
0.695	169.2
0.807	171.9
0.804	169.9
0.701	163.6
0.628	166.2
0.593	164.3
0.613	160.8
0.574	165.4
0.576	156.6
0.431	159.4
0.517	174.5
0.437	173.3
0.575	164.6
0.648	162.8
0.751	166.8
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0.657	167
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0.644	175.9
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0.642	176.1

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138.4202926	19.9
141.0459134	19.9
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138.5750946	19.94
138.3193881	19.97
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136.7103661	20.01
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135.7284098	20.05
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135.5365272	20.09
135.5960285	20.11
135.6073966	20.14
135.4983288	20.17
135.4455	20.21
135.4919297	20.24
136.0719483	20.24
135.8278372	20.25
135.6191797	20.25
135.4983288	20.27
135.5547035	20.3
135.8102214	20.32
135.9423289	20.33
136.4050401	20.32
135.6313781	20.32
137.328883	20.32
136.0492916	20.33
136.5220169	20.35
136.743267	20.36
138.3193881	20.35
137.1338452	20.36
137.9805921	20.37
141.8632814	20.37
140.0289626	20.34
141.3360215	20.3
144.2299319	20.28
140.557513	20.24
148.6120398	20.2
145.5749597	20.15
136.2949008	20.1
136.6458601	20.05
141.1176841	20.01
142.4968525	19.98
139.6529623	19.98
137.0589052	19.98
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135.4463252	19.96
135.9628798	19.95
135.6073966	19.94
135.9221983	19.94

0.61	174.5	136.2949008	20.06	0.823	169.8	138.0276292
0.646	176.8	135.7930238	20.06	0.831	171.1	137.4512019
0.611	174.2	136.3768654	20.06	0.744	168.8	138.5230334
0.66	179.7	135.475212	20.08	0.885	174	136.4336422
0.725	175.9	135.9628798	20.12	0.987	171.9	137.1338452
0.766	175	136.1668004	20.16	0.976	168.5	138.6806025
0.703	178.5	135.564413	20.19	0.979	174.7	136.2423866
0.736	180.1	135.458704	20.21	0.932	174.3	136.3491176
0.646	183.7	135.6073966	20.23	0.906	175.2	136.1185285
0.676	184.7	135.7439374	20.25	0.995	178	135.6191797
0.74	180.2	135.4556091	20.27	0.927	174.4	136.3217962
0.707	183.7	135.6073966	20.29	0.958	176.8	135.7930238
0.874	183.1	135.5454083	20.32	1.046	177.8	135.6439919
0.758	184.7	135.7439374	20.35	1.123	178.9	135.52806
0.776	183.1	135.5454083	20.37	1.12	176.3	135.8831963
0.856	186.2	136.0270567	20.42	1.194	179.9	135.4661321
0.709	186.7	136.1424529	20.44	0.901	181.4	135.4506575
0.805	186.8	136.1668004	20.44	0.939	180.3	135.452927
0.784	183.5	135.5850754	20.45	1.017	176.7	135.8102214
0.834	185.1	135.8102214	20.45	1.079	179.9	135.4661321
0.822	186.6	136.1185285	20.47	0.951	181.4	135.4506575
0.906	187.1	136.2423866	20.5	1.192	178.5	135.564413
0.754	184.5	135.7132992	20.53	1.127	178.5	135.564413
0.807	179.9	135.4661321	20.53	1.147	175.1	136.1424529
0.832	178.6	135.5547035	20.52	1.043	175.6	136.0270567
0.887	183.4	135.5745369	20.52	1.087	176.7	135.8102214
0.815	178.1	135.6073966	20.51	1.2	174.5	136.2949008
1.017	181.4	135.4506575	20.53	1.238	176.8	135.7930238
0.857	181.8	135.4622116	20.55	1.16	175.3	136.0950271
0.859	178.4	135.5745369	20.55	1.088	173.1	136.7103661
0.884	177.9	135.6313781	20.54	1.126	172.6	136.8792016
0.978	179.7	135.475212	20.55	1.22	173.3	136.6458601
1.036	178.4	135.5745369	20.57	1.252	173.1	136.7103661
0.839	171.1	137.4512019	20.55	1.131	165.2	140.6945686
0.864	176.7	135.8102214	20.51	0.987	168	138.952495
0.796	169.7	138.0751192	20.47	1.004	165.6	140.4224336
0.75	163.9	141.6342428	20.43	0.953	159	145.9799608
0.691	171.3	137.3692134	20.4	0.931	167.6	139.1784222
0.801	170.3	137.796957	20.34	0.925	163.5	141.9406579
0.788	170.8	137.577514	20.29	0.852	163.4	142.0185516
0.578	178.4	135.5745369	20.24	0.78	167.9	139.008273
0.594	178.5	135.564413	20.18	0.73	168.5	138.6806025
0.611	172.3	136.9857152	20.14	0.926	167.7	139.1212357
0.844	169.2	138.3193881	20.11	1.081	163	142.3353263
0.915	177.3	135.7132992	20.13	1.261	168.3	138.7879636
0.765	176	135.9423289	20.14	1.138	168.5	138.6806025
0.813	176.3	135.8831963	20.13	1.081	169.6	138.1230627
0.78	183.1	135.5454083	20.12	1.02	177.7	135.6570213
0.695	182.6	135.5051412	20.1	1.067	175.7	136.0052434
0.739	183.5	135.5850754	20.1	1.032	176.6	135.8278372
0.705	179.6	135.4803714	20.1	1.009	177	135.759882

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20.19	0.987	182	135.4704656	136.8561001	Yes
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20.23	1.008	183.3	135.564413	136.1074927	Yes
20.28	1.064	181.7	135.458704	136.7979566	Yes
20.32	1.178	179.7	135.475212	137.1582308	Yes
20.36	1.093	182.4	135.4919297	135.9962242	Yes
20.37	1.108	182.3	135.4859439	136.0206502	Yes
20.38	1.069	184.5	135.7132992	135.7892832	Yes
20.39	1.104	184.1	135.6570213	136.199841	Yes
20.41	1.147	182.9	135.52806	135.9449185	Yes
20.43	1.146	185.2	135.8278372	135.7410011	Yes
20.45	1.337	185.3	135.8458714	137.0120414	Yes
20.48	1.288	186.8	136.1668004	135.6444998	Yes
20.51	1.264	187	136.2167669	135.7073552	Yes
20.55	1.245	189	136.810367	136.1290507	Yes
20.56	1.123	188.1	136.5220169	137.1987788	Yes
20.56	1.219	190.2	137.249547	136.2652223	Yes
20.57	1.115	184.2	135.6704665	135.7765826	Yes
20.57	1.247	189.5	136.9857152	135.7094656	Yes
20.59	1.31	190.2	137.249547	135.6449705	Yes
20.62	1.31	186.8	136.1668004	136.1626244	Yes
20.66	1.196	186.5	136.0950271	135.8592628	Yes
20.66	1.27	185.4	135.8643244	135.8585276	Yes
20.66	1.228	181.4	135.4506575	135.9926629	Yes
20.66	1.31	186.4	136.0719483	136.5922375	Yes
20.65	1.273	181.3	135.4488008	136.4772694	Yes
20.68	1.526	184.9	135.7762441	135.877435	Yes
20.71	1.325	182.8	135.5200067	135.9246088	Yes
20.71	1.301	182.6	135.5051412	136.1433946	Yes
20.7	1.352	180.8	135.4457063	136.9272924	Yes
20.7	1.461	181.8	135.4622116	136.1753106	Yes
20.72	1.539	181.2	135.4473567	136.4329068	Yes
20.69	1.209	173.6	136.5523328	139.9155036	Yes
20.64	1.24	176.9	135.7762441	137.6419808	Yes
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20.57	1.17	171	137.4928614	142.2074627	Yes
20.52	1.027	174.3	136.3491176	138.1395189	Yes
20.46	1.13	170.8	137.577514	142.0786859	Yes
20.4	1.055	172	137.0961561	140.3598641	Yes
20.33	0.902	178.3	135.5850754	136.6212768	Yes
20.28	0.981	177.5	135.6843278	136.7134388	Yes
20.25	1.002	173.4	136.6142539	138.4837503	Yes
20.23	1.19	172	137.0961561	140.3802945	Yes
20.26	1.322	176.9	135.7762441	137.5141781	Yes
20.27	1.157	178.4	135.5745369	136.9384462	Yes
20.26	1.219	177.6	135.6704665	137.246272	Yes
20.25	1.147	182.9	135.52806	136.035404	Yes
20.24	1.108	182.4	135.4919297	136.0624662	Yes
20.23	1.158	186.2	136.0270567	136.285843	Yes
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181	135.4457063	19.45
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182.2	135.4803714	19.41
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0.736	172.5
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0.618	170
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0.654	168.5
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0.814	173.2	136.6778973	20.11	1.067	169.4	138.2203136
0.807	173.7	136.5220169	20.12	1.098	168.2	138.8423412
0.859	173.9	136.4626721	20.12	1.04	169.8	138.0276292
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0.763	167.6	139.1784222	20.13	1.089	163.1	142.25535
0.867	172.9	136.7766005	20.15	1.112	166.1	140.0933217
0.884	175.8	135.9838512	20.17	1.074	171.7	137.21054
0.694	175.3	136.0950271	20.17	1.052	167.2	139.411891
0.864	171.5	137.2889944	20.16	1.006	167.9	139.008273
0.854	169.9	137.9805921	20.15	1.042	161	144.0468045
0.932	168.7	138.5750946	20.13	1.071	160.7	144.3223303
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0.932	166	140.1581671	20.1	1.153	160.6	144.4152874
0.936	170.3	137.796957	20.09	1.088	162.9	142.4158267
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0.89	175	136.1668004	20.05	1.175	169.4	138.2203136
0.842	171.2	137.4099861	20.03	1.195	165.4	140.557513
0.844	172.5	136.9142707	20.01	1.28	168.1	138.8971847
0.849	171.9	137.1338452	20	1.048	165.5	140.4897269
0.845	179.5	135.4859439	19.98	1.075	171.1	137.4512019
0.777	177.9	135.6313781	19.97	1.104	172	137.0961561
0.816	180.7	135.4463252	19.97	1.101	172.1	137.0589052
0.936	179.6	135.4803714	19.97	1.129	172.6	136.8792016
0.866	173.1	136.7103661	19.97	1.093	166.7	139.7144254
0.849	177.7	135.6570213	19.97	1.209	172.3	136.9857152
0.9	174.3	136.3491176	19.97	1.055	171.9	137.1338452
0.795	179.5	135.4859439	19.96	1.065	173.7	136.5220169
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0.779	177.4	135.6986053	19.93	1.008	171.4	137.328883
0.806	176.6	135.8278372	19.94	1.041	170.7	137.6205085
0.842	175.3	136.0950271	19.94	0.996	171.1	137.4512019
0.76	174.7	136.2423866	19.94	0.944	171.2	137.4099861
0.76	178.3	135.5850754	19.93	0.994	171.2	137.4099861
0.807	178.4	135.5745369	19.91	1.032	170.6	137.6639493
0.718	178.6	135.5547035	19.9	1.027	169.7	138.0751192
0.791	175	136.1668004	19.88	1.099	168.1	138.8971847
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0.717	178.4	135.5745369	19.8	0.975	171.4	137.328883
0.79	180	135.4622116	19.8	0.941	173.6	136.5523328
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0.609	179.9	135.4661321	19.72	0.802	167	139.5314724
0.641	175.5	136.0492916	19.69	0.816	165.1	140.7638403

20.24	1.184	179	135.5200067	137.6909392	Yes
20.25	1.139	183.5	135.5850754	136.2174621	Yes
20.26	1.194	180.4	135.4506575	137.5960433	Yes
20.27	1.192	177.6	135.6704665	137.9213211	Yes
20.28	1.186	175.9	135.9628798	137.9456543	Yes
20.29	1.257	180.7	135.4463252	137.1871826	Yes
20.29	1.211	179	135.5200067	136.9467315	Yes
20.3	1.161	174.6	136.2684311	140.2843995	Yes
20.32	1.31	175.8	135.9838512	138.4382058	Yes
20.34	1.315	180.6	135.4473567	136.9128094	Yes
20.34	1.162	176.5	135.8458714	137.6845609	Yes
20.32	1.198	175.7	136.0052434	138.826848	Yes
20.31	1.265	170.3	137.796957	141.5184473	Yes
20.29	1.315	172.4	136.949775	142.5959477	Yes
20.28	1.288	170	137.9340071	142.0526074	Yes
20.25	1.332	170.5	137.7078372	142.7948021	Yes
20.24	1.343	171.6	137.249547	141.5289734	Yes
20.21	1.315	173.4	136.6142539	140.1638929	Yes
20.17	1.333	176.3	135.8831963	137.2897322	Yes
20.16	1.278	175.1	136.1424529	138.6351257	Yes
20.15	1.282	175.2	136.1185285	138.3800187	Yes
20.14	1.287	174	136.4336422	139.8933407	Yes
20.12	1.227	179.6	135.4803714	136.9552556	Yes
20.11	1.174	179.7	135.475212	136.2382339	Yes
20.11	1.262	181.1	135.4463252	136.2457328	Yes
20.11	1.302	182	135.4704656	136.2203101	Yes
20.12	1.302	176.6	135.8278372	138.2115025	Yes
20.12	1.25	182.2	135.4803714	136.3453341	Yes
20.12	1.259	183.6	135.5960285	136.3322597	Yes
20.1	1.237	183.3	135.564413	136.4487031	Yes
20.09	1.177	181.5	135.452927	136.1951625	Yes
20.09	1.195	182.5	135.4983288	136.5571155	Yes
20.09	1.211	181.7	135.458704	136.6492285	Yes
20.08	1.221	180.4	135.4506575	137.215886	Yes
20.07	1.15	179.3	135.4983288	136.7076689	Yes
20.07	1.137	178	135.6191797	136.7635047	Yes
20.05	1.164	179	135.5200067	136.6794754	Yes
20.03	1.11	179	135.5200067	136.8350185	Yes
20.02	1.154	177.2	135.7284098	137.3915281	Yes
20.01	1.306	177.8	135.6439919	137.5193249	Yes
20.02	1.233	178.4	135.5745369	137.5221179	Yes
20	1.133	182.6	135.5051412	135.8314875	Yes
19.97	1.024	182.3	135.4859439	136.1379617	Yes
19.95	1.16	181.5	135.452927	137.5969064	Yes
19.95	1.146	184.1	135.6570213	136.6020439	Yes
19.95	1.09	181.9	135.4661321	136.8445087	Yes
19.93	1.129	173.9	136.4626721	139.9962187	Yes
19.91	1.089	175.1	136.1424529	140.3740764	Yes
19.89	0.979	179	135.5200067	135.9856752	Yes
19.85	0.99	176.7	135.8102214	137.1176383	Yes
19.83	1.015	174.9	136.1915717	137.4441147	Yes

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7/28/2019	2:52	19.21	0.361
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7/28/2019	2:55	19.14	0.258
7/28/2019	2:56	19.12	0.225
7/28/2019	2:57	19.09	0.288
7/28/2019	2:58	19.07	0.26
7/28/2019	2:59	19.05	0.243
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7/28/2019	3:05	18.9	0.222
7/28/2019	3:06	18.88	0.204
7/28/2019	3:07	18.86	0.221
7/28/2019	3:08	18.84	0.231
7/28/2019	3:09	18.81	0.147
7/28/2019	3:10	18.78	0.152
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7/28/2019	3:14	18.65	0.229
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7/28/2019	3:16	18.59	0.268
7/28/2019	3:17	18.56	0.204
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7/28/2019	3:19	18.5	0.196
7/28/2019	3:20	18.47	0.185
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7/28/2019	3:22	18.42	0.204
7/28/2019	3:23	18.4	0.188
7/28/2019	3:24	18.38	0.196
7/28/2019	3:25	18.36	0.26
7/28/2019	3:26	18.35	0.254
7/28/2019	3:27	18.33	0.242
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7/28/2019	3:29	18.31	0.23
7/28/2019	3:30	18.3	0.218
7/28/2019	3:31	18.29	0.185
7/28/2019	3:32	18.28	0.217
7/28/2019	3:33	18.28	0.231
7/28/2019	3:34	18.29	0.273
7/28/2019	3:35	18.3	0.294
7/28/2019	3:36	18.31	0.331
7/28/2019	3:37	18.33	0.305
7/28/2019	3:38	18.35	0.281

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173.3	136.6458601	19.09
170.9	137.5349652	19.06
166.3	139.9650888	19.03
164.2	141.4098131	19
168.5	138.6806025	18.97
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173	136.743267	18.89
178.4	135.5745369	18.87
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159.5	145.4751667	18.69
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148.1	161.1359522	18.64
155.6	149.8154124	18.62
160.3	144.6975271	18.59
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162.2	142.9941199	18.38
161.5	143.5986496	18.35
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0.337	140.6
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0.332	144.1
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0.556	154.5

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149.9393426	18.54
154.712722	18.53
147.9207527	18.51
146.3943767	18.49
148.729472	18.47
150.5689831	18.45
151.3468538	18.43
148.379085	18.42
147.2519401	18.41
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152.4227699	18.47
151.2154981	18.49

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0.756	172.2	137.0220917	19.57	0.923	165.1	140.7638403
0.71	171	137.4928614	19.55	0.895	162.9	142.4158267
0.607	171.2	137.4099861	19.52	0.789	163.5	141.9406579
0.557	168	138.952495	19.49	0.722	163.5	141.9406579
0.561	169.7	138.0751192	19.45	0.74	165.1	140.7638403
0.541	167.2	139.411891	19.42	0.709	160.2	144.7927354
0.557	164.2	141.4098131	19.4	0.807	158.1	146.9258206
0.58	167.5	139.23608	19.38	0.792	162.9	142.4158267
0.537	169.2	138.3193881	19.36	0.769	163.8	141.7100752
0.505	173.4	136.6142539	19.33	0.71	166.8	139.6529623
0.509	170.3	137.796957	19.3	0.618	164	141.5589225
0.462	172	137.0961561	19.28	0.629	165.1	140.7638403
0.496	172.6	136.8792016	19.25	0.659	167.1	139.4714437
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0.523	164.4	141.262737	19.22	0.748	160.6	144.4152874
0.549	163	142.3353263	19.21	0.718	159	145.9799608
0.528	163	142.3353263	19.19	0.745	159.4	145.5749597
0.526	157.8	147.2519401	19.16	0.734	155.7	149.6921424
0.405	158.7	146.2898835	19.13	0.591	156.9	148.2635581
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0.463	144.7	167.8465446	19.06	0.632	146.5	164.1537804
0.5	149.3	159.0245589	19.03	0.651	149.3	159.0245589
0.485	153.1	153.1182603	18.99	0.599	153.6	152.4227699
0.593	152.7	153.6876994	18.94	0.688	154.5	151.2154981
0.54	152.4	154.1225109	18.9	0.676	154.7	150.9548471
0.611	155.6	149.8154124	18.87	0.708	155.8	149.5695304
0.532	156	149.3262707	18.84	0.706	156.8	148.379085
0.563	160.4	144.6028841	18.81	0.679	158.7	146.2898835
0.51	161.3	143.7762629	18.77	0.634	160	144.9848547
0.525	162	143.1641434	18.74	0.64	161.1	143.9560723
0.565	158.5	146.4994658	18.72	0.747	159.9	145.0817692
0.586	159.2	145.7762909	18.71	0.773	159.4	145.5749597
0.6	162.7	142.5784051	18.7	0.734	161.8	143.3363204
0.574	164.1	141.484113	18.68	0.73	162.4	142.8262379
0.631	162	143.1641434	18.66	0.764	161.5	143.5986496
0.659	157.5	147.5835656	18.64	0.771	159	145.9799608
0.658	156.7	148.4952449	18.61	0.763	157.5	147.5835656
0.668	161	144.0468045	18.59	0.747	160.5	144.5088047
0.612	161.9	143.249962	18.58	0.661	160.5	144.5088047
0.584	163.1	142.25535	18.58	0.733	161.6	143.5106627
0.546	161.1	143.9560723	18.56	0.743	161.2	143.8658923
0.607	160.1	144.8885107	18.56	0.678	160.6	144.4152874
0.581	161.4	143.6871825	18.56	0.768	158.8	146.1859844
0.635	161.3	143.7762629	18.58	0.821	158.5	146.4994658
0.696	156.6	148.6120398	18.6	0.837	155.8	149.5695304
0.728	159.5	145.4751667	18.63	0.742	158.8	146.1859844
0.754	159.3	145.6753339	18.64	0.879	155.1	150.441715
0.714	158	147.0339187	18.67	0.809	158.8	146.1859844

19.79	0.964	179.4	135.4919297	136.5611683	Yes
19.76	1.093	177.2	135.7284098	137.3232429	Yes
19.74	1.084	176.1	135.9221983	138.3822237	Yes
19.72	1.074	174.8	136.2167669	139.5966736	Yes
19.7	1.081	173.4	136.6142539	140.8813071	Yes
19.68	0.982	172.6	136.8792016	140.8869662	Yes
19.64	0.934	172.7	136.8445673	140.8542114	Yes
19.6	0.927	174.6	136.2684311	140.2442022	Yes
19.57	0.907	169.7	138.0751192	143.8136363	Yes
19.55	0.947	168.1	138.8971847	146.3800908	Yes
19.53	0.957	168.8	138.5230334	141.7877093	Yes
19.51	0.909	170.9	137.5349652	140.7290063	Yes
19.48	0.846	177	135.759882	137.9980317	Yes
19.46	0.834	172.6	136.8792016	140.0138047	Yes
19.43	0.796	173.5	136.5830783	138.8632712	Yes
19.42	0.824	173.5	136.5830783	139.0376827	Yes
19.4	0.869	173.7	136.5220169	140.5613913	Yes
19.4	0.852	169.4	138.2203136	144.5821175	Yes
19.38	0.9	168.4	138.734051	148.0597163	Yes
19.36	0.849	169	138.4202926	145.286084	Yes
19.35	0.894	163.2	142.1758963	151.7754566	Yes
19.3	0.727	158.3	146.7114396	151.5999902	Yes
19.25	0.685	156.7	148.4952449	159.1700691	Yes
19.21	0.829	151.5	155.4675767	171.2651041	Yes
19.17	0.814	154.8	150.8255466	161.7649942	Yes
19.13	0.796	157.4	147.6953406	154.8476977	Yes
19.08	0.867	158.7	146.2898835	157.2361695	Yes
19.05	0.884	159.4	145.5749597	153.9021618	Yes
19.02	0.92	161.3	143.7762629	152.7771089	Yes
18.99	0.903	160.1	144.8885107	149.0512526	Yes
18.96	0.891	162.2	142.9941199	145.7634168	Yes
18.93	0.894	163.5	141.9406579	144.1542098	Yes
18.91	0.882	164.5	141.1899582	143.998042	Yes
18.91	0.951	165.2	140.6945686	146.2798068	Yes
18.91	1.012	164	141.5589225	148.3016493	Yes
18.91	0.972	165.8	140.2893212	144.7050832	Yes
18.88	0.957	166	140.1581671	142.867142	Yes
18.86	1.009	165.7	140.355632	144.6005442	Yes
18.83	1.048	163.7	141.786421	146.9996005	Yes
18.8	1.045	161.9	143.249962	147.5629755	Yes
18.78	0.932	165.6	140.4224336	145.0677537	Yes
18.76	0.967	163.8	141.7100752	144.9270585	Yes
18.75	0.948	165.6	140.4224336	143.1193637	Yes
18.73	0.875	166.6	139.7763685	143.8327973	Yes
18.72	0.904	165.2	140.6945686	143.7506162	Yes
18.73	0.91	161.5	143.5986496	145.3280412	Yes
18.74	0.971	162	143.1641434	144.64286	Yes
18.75	1.022	158.9	146.0826775	149.2858141	Yes
18.77	1.04	161.4	143.6871825	143.9909941	Yes
18.78	1.071	159.5	145.4751667	147.8415142	Yes
18.8	0.998	162.2	142.9941199	145.8058412	Yes

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7/28/2019	3:58	18.56	0.379
7/28/2019	3:59	18.55	0.377
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180.1	135.458704	18.45
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177.1	135.7439374	18.44
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197.1	141.0459134	18.39
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166.9	139.5919783	18.3
167.1	139.4714437	18.28
175.6	136.0270567	18.26
177.6	135.6704665	18.24
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180.5	135.4488008	18.13
182.8	135.5200067	18.13

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0.695	151.6
0.662	153.7
0.653	150.6
0.669	145.6
0.572	151.2
0.687	150.6
0.707	151.2
0.656	148.7
0.759	149.2
0.645	147.9
0.701	152.9
0.637	154.7
0.682	156.8
0.749	153.5
0.676	158.8
0.727	154.7
0.734	162.8
0.764	161.3
0.662	169.7
0.563	180.1
0.549	172.3
0.572	183.2
0.472	185.9
0.604	182.5
0.512	177.5
0.535	168.5
0.606	170.5
0.564	164.2
0.592	165.1
0.504	164.9
0.544	166.4
0.481	174.6
0.513	171.1
0.538	172.6
0.674	168.4
0.641	166.6
0.663	166
0.591	166.4
0.71	168
0.704	165.6
0.626	168.8
0.699	171.2
0.639	170.6
0.651	175.5
0.621	178.2
0.751	175.9
0.708	170
0.686	172.4

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148.6120398	18.57
155.3150699	18.6
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155.9297559	18.68
160.0645165	18.69
159.1957351	18.7
161.5002424	18.71
153.4015168	18.71
150.9548471	18.7
148.379085	18.69
152.5604335	18.69
146.1859844	18.69
150.9548471	18.68
142.4968525	18.67
143.7762629	18.66
138.0751192	18.66
135.458704	18.65
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135.9628798	18.6
135.4983288	18.57
135.6843278	18.55
138.6806025	18.52
137.7078372	18.5
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140.7638403	18.47
140.9038772	18.45
139.9016992	18.44
136.2684311	18.41
137.4512019	18.39
136.8792016	18.36
138.734051	18.34
139.7763685	18.33
140.1581671	18.33
139.9016992	18.32
138.952495	18.32
140.4224336	18.33
138.5230334	18.33
137.4099861	18.33
137.6639493	18.33
136.0492916	18.32
135.5960285	18.32
135.9628798	18.31
137.9340071	18.3
136.949775	18.3

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0.795	160.3	144.6975271	18.72	0.984	156.4	148.8475437
0.777	163.8	141.7100752	18.76	1.02	158.3	146.7114396
0.855	161.1	143.9560723	18.79	1.071	155.9	149.4475739
0.894	158.7	146.2898835	18.81	0.983	154.6	151.0848301
0.822	156.3	148.9662571	18.83	0.949	153.8	152.1495751
0.785	156.3	148.9662571	18.85	0.964	153.8	152.1495751
0.859	156.2	149.0856146	18.85	0.904	154.7	150.9548471
0.826	157.9	147.1426245	18.84	0.949	154.2	151.6116385
0.917	156.5	148.729472	18.84	1.027	154.2	151.6116385
0.875	153.6	152.4227699	18.84	0.971	152.1	154.5640391
0.993	158.1	146.9258206	18.85	1.101	152.6	153.8318952
0.917	155.7	149.6921424	18.87	0.96	152.8	153.5442409
0.838	159.9	145.0817692	18.86	1.082	156.9	148.2635581
0.845	162	143.1641434	18.85	0.967	162.4	142.8262379
0.831	161.6	143.5106627	18.84	0.995	159.9	145.0817692
0.869	160.8	144.2299319	18.84	1.092	155.3	150.1891937
0.852	163.2	142.1758963	18.84	1.088	158.7	146.2898835
0.802	163.9	141.6342428	18.82	1.075	158.7	146.2898835
0.794	166.6	139.7763685	18.82	1.052	166.1	140.0933217
0.85	166.1	140.0933217	18.8	1.074	161.7	143.4232201
0.84	173.1	136.7103661	18.79	1.066	168.8	138.5230334
0.704	181.4	135.4506575	18.79	0.871	176.2	135.9024875
0.724	182.1	135.475212	18.77	0.865	174.3	136.3491176
0.691	188.6	136.6778973	18.75	0.867	179.2	135.5051412
0.697	188.7	136.7103661	18.73	0.811	182.1	135.475212
0.756	191.6	137.8421902	18.7	0.958	181.1	135.4463252
0.707	182.4	135.4919297	18.68	0.849	176.8	135.7930238
0.727	175.7	136.0052434	18.65	0.853	173	136.743267
0.762	176.7	135.8102214	18.62	0.923	170	137.9340071
0.768	171.2	137.4099861	18.62	0.855	167.4	139.2942101
0.726	169.6	138.1230627	18.61	0.852	166.5	139.8387928
0.611	169.4	138.2203136	18.59	0.834	168.6	138.6276173
0.686	172.3	136.9857152	18.57	0.832	167.1	139.4714437
0.668	178.1	135.6073966	18.55	0.778	172.1	137.0589052
0.666	179.1	135.5123672	18.52	0.814	172.6	136.8792016
0.728	176.2	135.9024875	18.5	0.854	173	136.743267
0.767	168.8	138.5230334	18.47	0.985	170	137.9340071
0.879	170.3	137.796957	18.46	0.959	166	140.1581671
0.821	168.7	138.5750946	18.46	1.031	166.4	139.9016992
0.821	167.7	139.1212357	18.45	0.926	166.1	140.0933217
0.932	173.2	136.6778973	18.46	1.066	167.3	139.3528135
0.799	171.2	137.4099861	18.46	1.015	168.4	138.734051
0.854	176.9	135.7762441	18.46	0.946	172.5	136.9142707
0.861	176.3	135.8831963	18.46	1.022	170.7	137.6205085
0.917	174.7	136.2423866	18.46	0.905	171.8	137.171973
0.831	179.8	135.4704656	18.45	1.02	172.8	136.810367
0.801	179.9	135.4661321	18.45	0.957	175.4	136.0719483
0.842	185	135.7930238	18.44	1.094	176.5	135.8458714
0.828	176.4	135.8643244	18.43	1.113	171.3	137.3692134
0.877	176.8	135.7930238	18.43	1.092	171.9	137.1338452

18.81	0.936	159.9	145.0817692	147.3628962	Yes
18.85	1.186	161.6	143.5106627	145.0880683	Yes
18.9	1.146	164.1	141.484113	144.186995	Yes
18.92	1.176	163	142.3353263	147.8654531	Yes
18.94	1.186	159.2	145.7762909	148.0190896	Yes
18.96	1.206	158.8	146.1859844	149.4890738	Yes
18.96	1.202	157	148.1486618	151.8576533	Yes
18.95	1.273	156.7	148.4952449	151.1163656	Yes
18.93	1.193	157.9	147.1426245	149.3925738	Yes
18.92	1.23	158.6	146.3943767	148.9809572	Yes
18.92	1.261	155.8	149.5695304	155.1847562	Yes
18.94	1.334	155.7	149.6921424	151.2104904	Yes
18.95	1.226	155.8	149.5695304	152.5281446	Yes
18.95	1.139	160.4	144.6028841	148.5271779	Yes
18.94	1.203	164	141.5589225	143.8932114	Yes
18.93	1.156	164.2	141.4098131	143.4370294	Yes
18.94	1.287	159.8	145.1792559	147.3691029	Yes
18.94	1.165	164.4	141.262737	144.1287614	Yes
18.92	1.127	163.5	141.9406579	144.5000523	Yes
18.91	1.132	166.5	139.8387928	139.7531007	Yes
18.89	1.243	169.4	138.2203136	142.0141613	Yes
18.89	1.166	171.4	137.328883	137.1918057	Yes
18.88	1.004	182	135.4704656	135.6139602	Yes
18.86	1.104	180.8	135.4457063	136.1384955	Yes
18.85	0.995	185.3	135.8458714	136.8476761	Yes
18.82	0.943	191	137.577514	136.4422416	Yes
18.79	1.026	189.4	136.949775	137.4581894	Yes
18.77	1.011	184	135.6439919	136.0449553	Yes
18.74	1.037	178.2	135.5960285	136.7932626	Yes
18.73	1.082	177.1	135.7439374	136.8029869	Yes
18.73	1.124	172.2	137.0220917	139.4264969	Yes
18.72	1.052	172.3	136.9857152	139.5492849	Yes
18.7	0.969	173.4	136.6142539	138.4447162	Yes
18.68	1.044	172.4	136.949775	138.0073311	Yes
18.66	1.022	178.1	135.6073966	136.3074084	Yes
18.62	1.075	176.6	135.8278372	136.3220677	Yes
18.6	1.002	179.3	135.4983288	136.2575243	Yes
18.57	1.03	173.3	136.6458601	138.6213254	Yes
18.56	1.236	171.9	137.1338452	138.321549	Yes
18.56	1.198	172.6	136.8792016	140.1245606	Yes
18.55	1.123	171.5	137.2889944	138.8947322	Yes
18.56	1.268	172.9	136.7766005	137.6299332	Yes
18.57	1.126	173.4	136.6142539	138.0626996	Yes
18.56	1.144	178.9	135.52806	136.6721901	Yes
18.55	1.203	177.4	135.6986053	136.6809781	Yes
18.56	1.24	178.2	135.5960285	136.7708881	Yes
18.54	1.134	178.7	135.5454083	136.1005181	Yes
18.54	1.093	183	135.5365272	135.6853764	Yes
18.53	1.172	184	135.6439919	135.8574031	Yes
18.51	1.17	178.2	135.5960285	136.6540864	Yes
18.51	1.185	177.7	135.6570213	136.3491627	Yes

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7/28/2019	4:31	18.17	0.361
7/28/2019	4:32	18.17	0.422
7/28/2019	4:33	18.16	0.334
7/28/2019	4:34	18.15	0.325
7/28/2019	4:35	18.14	0.365
7/28/2019	4:36	18.14	0.376
7/28/2019	4:37	18.14	0.39
7/28/2019	4:38	18.14	0.373
7/28/2019	4:39	18.15	0.443
7/28/2019	4:40	18.16	0.369
7/28/2019	4:41	18.17	0.46
7/28/2019	4:42	18.19	0.448
7/28/2019	4:43	18.21	0.445
7/28/2019	4:44	18.23	0.459
7/28/2019	4:45	18.25	0.385
7/28/2019	4:46	18.27	0.319
7/28/2019	4:47	18.28	0.392
7/28/2019	4:48	18.28	0.305
7/28/2019	4:49	18.29	0.4
7/28/2019	4:50	18.3	0.416
7/28/2019	4:51	18.3	0.306
7/28/2019	4:52	18.31	0.472
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7/28/2019	4:57	18.35	0.432
7/28/2019	4:58	18.35	0.423
7/28/2019	4:59	18.34	0.337
7/28/2019	5:00	18.34	0.376
7/28/2019	5:01	18.34	0.326
7/28/2019	5:02	18.34	0.41
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7/28/2019	5:04	18.34	0.492
7/28/2019	5:05	18.34	0.334
7/28/2019	5:06	18.34	0.408
7/28/2019	5:07	18.35	0.377
7/28/2019	5:08	18.34	0.432
7/28/2019	5:09	18.33	0.362
7/28/2019	5:10	18.33	0.5
7/28/2019	5:11	18.33	0.358
7/28/2019	5:12	18.32	0.389
7/28/2019	5:13	18.32	0.416
7/28/2019	5:14	18.32	0.424
7/28/2019	5:15	18.32	0.496
7/28/2019	5:16	18.31	0.394
7/28/2019	5:17	18.31	0.405
7/28/2019	5:18	18.3	0.443
7/28/2019	5:19	18.3	0.457
7/28/2019	5:20	18.3	0.403

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184.6	135.7284098	18.12
191.1	137.6205085	18.12
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194.5	139.3528135	18.11
184.4	135.6986053	18.11
169.8	138.0276292	18.1
179.1	135.5123672	18.1
178	135.6191797	18.11
180	135.4622116	18.11
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185.6	135.9024875	18.14
179.4	135.4919297	18.17
185.3	135.8458714	18.2
181.3	135.4488008	18.23
189.4	136.949775	18.26
191.2	137.6639493	18.29
180.1	135.458704	18.3
191.8	137.9340071	18.31
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186.4	136.0719483	18.32
185.4	135.8643244	18.33
186.1	136.0052434	18.33
192.3	138.1714606	18.33
186.5	136.0950271	18.33
185	135.7930238	18.34
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175.7	136.0052434	18.35
177.8	135.6439919	18.35
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178.5	135.564413	18.33
179.5	135.4859439	18.32
180.4	135.4506575	18.32
183.6	135.5960285	18.32
185.4	135.8643244	18.32
181.9	135.4661321	18.33
174.1	136.4050401	18.33
182.6	135.5051412	18.32
175.5	136.0492916	18.31
174.5	136.2949008	18.3
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176.6	135.8278372	18.3
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177.4	135.6986053	18.29
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175.4	136.0719483	18.27
174.4	136.3217962	18.26

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0.658	178
0.662	179.6
0.64	176
0.662	170.2
0.677	169.5
0.589	174.7
0.647	176.2
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0.792	175.9
0.756	175.3
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0.681	177.9
0.686	177.4
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0.649	172.7
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0.625	172.7
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0.725	177.2
0.626	177.3
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0.764	173.1
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0.745	177.3
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0.752	176.5
0.652	173.3
0.741	167.2
0.763	171.2
0.748	170.5

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136.0950271	18.41
135.564413	18.44
136.3768654	18.48
136.743267	18.51
135.6843278	18.53
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136.6458601	18.5
139.411891	18.49
137.4099861	18.48
137.7078372	18.47

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0.931	183.3	135.564413	18.41	1.045	178.6	135.5547035
0.936	189.5	136.9857152	18.42	1.116	180.2	135.4556091
0.816	184.3	135.6843278	18.42	1.003	178	135.6191797
0.772	187	136.2167669	18.41	1.005	181.3	135.4488008
0.83	182.6	135.5051412	18.41	0.989	178.6	135.5547035
0.913	176.6	135.8278372	18.41	1.029	173.4	136.6142539
0.842	175.8	135.9838512	18.42	1.06	171.5	137.2889944
0.907	177.3	135.7132992	18.43	0.873	174.6	136.2684311
0.935	180.4	135.4506575	18.44	0.987	176.2	135.9024875
0.896	181.2	135.4473567	18.45	1.005	175.5	136.0492916
0.991	185.6	135.9024875	18.49	1.114	177.4	135.6986053
0.918	186.2	136.0270567	18.53	1.213	176.9	135.7762441
1.009	187.6	136.3768654	18.58	1.086	179.7	135.475212
0.882	183.3	135.564413	18.61	1.081	179.1	135.5123672
0.969	194.2	139.1784222	18.66	1.121	184.1	135.6570213
0.768	192.2	138.1230627	18.7	1.137	187	136.2167669
0.806	185.4	135.8643244	18.72	0.87	182	135.4704656
0.79	184.3	135.6843278	18.72	0.917	177.7	135.6570213
0.868	183.3	135.564413	18.72	1.104	177.5	135.6843278
0.907	186.7	136.1424529	18.73	1.066	180.7	135.4463252
0.85	186	135.9838512	18.73	1.129	178	135.6191797
0.928	184	135.6439919	18.73	1.124	177.4	135.6986053
0.843	180.2	135.4556091	18.72	1.04	176.9	135.7762441
0.946	178.3	135.5850754	18.72	1.062	176.6	135.8278372
0.941	184.9	135.7762441	18.73	1.062	176.1	135.9221983
1.016	185.4	135.8643244	18.74	1.039	177.7	135.6570213
0.927	181	135.4457063	18.75	1.144	173.4	136.6142539
0.867	178.2	135.5960285	18.75	1.069	172.8	136.810367
0.823	178.8	135.5365272	18.74	0.982	174.1	136.4050401
0.817	177.9	135.6313781	18.72	0.949	173.8	136.4921301
0.729	180.8	135.4457063	18.71	0.94	173.3	136.6458601
0.885	181.6	135.4556091	18.7	1.041	173.8	136.4921301
0.899	179.5	135.4859439	18.7	1.15	175.1	136.1424529
0.984	175.6	136.0270567	18.71	0.94	174.4	136.3217962
0.78	183.3	135.564413	18.71	1.178	176.9	135.7762441
0.891	180.2	135.4556091	18.72	1.274	174.3	136.3491176
0.816	174	136.4336422	18.72	1.112	171.8	137.171973
0.868	176.9	135.7762441	18.71	0.994	170.4	137.7521729
0.826	174	136.4336422	18.69	1.031	170.6	137.6639493
0.943	174.1	136.4050401	18.68	1.069	170.1	137.8878733
0.908	178.3	135.5850754	18.67	1.095	173.5	136.5830783
0.877	185.4	135.8643244	18.67	1.188	176.1	135.9221983
0.922	181.7	135.458704	18.67	1.229	177.6	135.6704665
0.995	182.9	135.52806	18.67	1.108	178.5	135.564413
1.068	182.1	135.475212	18.67	1.092	176.6	135.8278372
0.885	181.2	135.4473567	18.66	1.072	175	136.1668004
0.885	178.6	135.5547035	18.65	1.024	173.6	136.5523328
0.902	174	136.4336422	18.64	1.05	169.6	138.1230627
0.993	176.1	135.9221983	18.64	1.132	172.7	136.8445673
0.94	171.5	137.2889944	18.62	1.079	170.3	137.796957

18.5	1.302	183.4	135.5745369	135.7074476	Yes
18.5	1.269	186.4	136.0719483	135.5938966	Yes
18.51	1.221	187.5	136.3491176	136.3869442	Yes
18.51	1.14	187.4	136.3217962	135.5920468	Yes
18.5	1.063	188.1	136.5220169	136.6246881	Yes
18.49	1.15	187.6	136.3768654	135.6751947	Yes
18.5	1.283	182.9	135.52806	137.0779776	Yes
18.51	1.142	179.8	135.4704656	136.7391683	Yes
18.52	1.179	180.7	135.4463252	135.9608242	Yes
18.53	1.214	182.2	135.4803714	135.679461	Yes
18.55	1.204	185.7	135.9221983	135.7535579	Yes
18.58	1.253	186.5	136.0950271	135.8328544	Yes
18.63	1.199	184.9	135.7762441	135.8145276	Yes
18.68	1.317	188.2	136.5523328	135.948244	Yes
18.72	1.24	189.5	136.9857152	135.5224985	Yes
18.75	1.312	192.9	138.471433	137.040521	Yes
18.8	1.181	195.9	140.2234999	137.1867615	Yes
18.81	1.139	190	137.171973	135.6194554	Yes
18.81	1.197	189.4	136.949775	136.2330943	Yes
18.82	1.171	187.2	136.2684311	135.6764943	Yes
18.84	1.184	189.5	136.9857152	135.6550326	Yes
18.83	1.228	187.1	136.2423866	135.8670007	Yes
18.83	1.27	186.9	136.1915717	135.6817321	Yes
18.83	1.212	184.4	135.6986053	135.7171187	Yes
18.83	1.29	185.8	135.9423289	136.3207446	Yes
18.83	1.308	184.3	135.6843278	136.0356468	Yes
18.84	1.339	187.6	136.3768654	135.7569172	Yes
18.86	1.236	182.2	135.4803714	136.006944	Yes
18.86	1.206	181.6	135.4556091	136.3140516	Yes
18.85	1.224	181.7	135.458704	136.0421594	Yes
18.83	1.114	180.6	135.4473567	136.2657757	Yes
18.82	1.144	182.5	135.4983288	135.943627	Yes
18.81	1.272	182.9	135.52806	135.9001209	Yes
18.83	1.287	184.7	135.7439374	135.701866	Yes
18.84	1.265	183.1	135.5454083	135.9145452	Yes
18.83	1.149	182.5	135.4983288	135.7538007	Yes
18.83	1.337	183.3	135.564413	136.0375151	Yes
18.84	1.183	178	135.6191797	137.0950666	Yes
18.82	1.153	176.1	135.9221983	137.0104578	Yes
18.81	1.202	177.3	135.7132992	137.0436281	Yes
18.79	1.256	178.8	135.5365272	137.3850773	Yes
18.79	1.343	181.8	135.4622116	136.1407119	Yes
18.8	1.308	186.1	136.0052434	136.4517817	Yes
18.8	1.266	186	135.9838512	135.5176286	Yes
18.79	1.261	188.3	136.5830783	135.6629109	Yes
18.79	1.317	187	136.2167669	135.7187059	Yes
18.77	1.241	183.9	135.6313781	135.8009915	Yes
18.76	1.219	180.3	135.452927	136.1128754	Yes
18.75	1.294	177.9	135.6313781	137.510136	Yes
18.75	1.267	180.3	135.452927	136.562175	Yes
18.73	1.212	176.9	135.7762441	137.2788962	Yes

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7/28/2019	5:22	18.3	0.458
7/28/2019	5:23	18.31	0.457
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7/28/2019	5:25	18.3	0.355
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7/28/2019	5:27	18.28	0.355
7/28/2019	5:28	18.25	0.275
7/28/2019	5:29	18.23	0.345
7/28/2019	5:30	18.2	0.347
7/28/2019	5:31	18.17	0.352
7/28/2019	5:32	18.15	0.351
7/28/2019	5:33	18.13	0.497
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7/28/2019	5:35	18.11	0.35
7/28/2019	5:36	18.1	0.358
7/28/2019	5:37	18.1	0.445
7/28/2019	5:38	18.09	0.422
7/28/2019	5:39	18.09	0.36
7/28/2019	5:40	18.08	0.325
7/28/2019	5:41	18.07	0.342
7/28/2019	5:42	18.07	0.332
7/28/2019	5:43	18.06	0.234
7/28/2019	5:44	18.04	0.27
7/28/2019	5:45	18.02	0.272
7/28/2019	5:46	18	0.351
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7/28/2019	5:48	17.97	0.293
7/28/2019	5:49	17.95	0.375
7/28/2019	5:50	17.93	0.26
7/28/2019	5:51	17.92	0.372
7/28/2019	5:52	17.91	0.276
7/28/2019	5:53	17.9	0.354
7/28/2019	5:54	17.9	0.318
7/28/2019	5:55	17.9	0.361
7/28/2019	5:56	17.91	0.343
7/28/2019	5:57	17.92	0.383
7/28/2019	5:58	17.93	0.364
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7/28/2019	6:00	17.94	0.366
7/28/2019	6:01	17.95	0.5
7/28/2019	6:02	17.98	0.408
7/28/2019	6:03	17.99	0.45
7/28/2019	6:04	18	0.374
7/28/2019	6:05	17.99	0.424
7/28/2019	6:06	18.01	0.403
7/28/2019	6:07	18.02	0.468
7/28/2019	6:08	18.03	0.395
7/28/2019	6:09	18.04	0.519
7/28/2019	6:10	18.05	0.399
7/28/2019	6:11	18.06	0.468

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173.6	136.5523328	18.26
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168.7	138.5750946	18.24
170.4	137.7521729	18.23
169.6	138.1230627	18.21
173.3	136.6458601	18.18
169.4	138.2203136	18.15
168	138.952495	18.12
174.6	136.2684311	18.09
178.9	135.52806	18.06
174.6	136.2684311	18.04
170.1	137.8878733	18.03
182	135.4704656	18.03
177	135.759882	18.02
179.2	135.5051412	18.02
172.3	136.9857152	18.02
172.2	137.0220917	18.02
171.9	137.1338452	18.01
172.2	137.0220917	18
172.4	136.949775	18
180.6	135.4473567	17.98
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175	136.1668004	17.94
178.3	135.5850754	17.92
159.3	145.6753339	17.91
159.7	145.2773166	17.89
161.3	143.7762629	17.86
168.3	138.7879636	17.85
174.3	136.3491176	17.84
180.7	135.4463252	17.83
182.8	135.5200067	17.83
182.4	135.4919297	17.84
189.2	136.8792016	17.85
185.6	135.9024875	17.87
175.4	136.0719483	17.88
178.3	135.5850754	17.89
183	135.5365272	17.9
177	135.759882	17.91
175.6	136.0270567	17.92
168.6	138.6276173	17.94
176.2	135.9024875	17.95
162.1	143.0788632	17.95
164	141.5589225	17.95
158.8	146.1859844	17.96
168.6	138.6276173	17.98
164.7	141.0459134	17.99
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168.5	138.6806025	18.01
170.1	137.8878733	18.03

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0.718	167.5
0.676	167.4
0.648	166
0.652	166
0.711	167.9
0.71	167.5
0.687	160
0.713	162.8
0.606	163.2
0.511	167.8
0.512	163.8
0.551	170.7
0.582	170.7
0.634	163.7
0.549	158.9
0.509	161.3
0.543	155.8
0.508	157.1
0.521	163.7
0.55	171.7
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0.633	170.8
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0.607	174.2
0.599	173.4
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0.711	165.5
0.625	167.8
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0.644	160.3
0.766	161.9
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0.747	157.8
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0.763	156
0.807	160.9
0.801	161

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143.7762629	18.47
143.3363204	18.47
143.0788632	18.47
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142.8262379	18.44
140.6257933	18.42
140.0933217	18.37
143.0788632	18.34
140.9038772	18.31
138.1714606	18.27
141.3360215	18.24
139.23608	18.22
139.2942101	18.21
140.1581671	18.21
140.1581671	18.2
139.008273	18.21
139.23608	18.21
144.9848547	18.21
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141.7100752	18.18
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137.6205085	18.14
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146.0826775	18.11
143.7762629	18.08
149.5695304	18.05
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141.786421	18.03
137.21054	18.03
136.1915717	18.03
137.577514	18.04
136.1424529	18.05
136.3768654	18.07
136.6142539	18.09
138.8971847	18.1
137.21054	18.11
137.0961561	18.12
140.4897269	18.13
139.0645196	18.16
145.7762909	18.17
144.6975271	18.17
143.249962	18.17
146.1859844	18.18
147.2519401	18.19
146.7114396	18.2
149.3262707	18.21
144.1380905	18.21
144.0468045	18.22

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0.984	167.3	139.3528135	18.63	1.179	162.6	142.6604859
0.857	164.7	141.0459134	18.62	1.15	162.9	142.4158267
0.945	164.4	141.262737	18.61	1.031	164	141.5589225
0.794	168.9	138.471433	18.57	0.984	166	140.1581671
0.749	168.3	138.7879636	18.52	0.93	166.7	139.7144254
0.841	168	138.952495	18.48	1.045	165.6	140.4224336
0.863	168.2	138.8423412	18.44	1.109	166.7	139.7144254
0.834	171.3	137.3692134	18.41	1.094	170	137.9340071
0.884	171.2	137.4099861	18.37	1.14	168.5	138.6806025
1.006	169.8	138.0276292	18.35	1.087	167.9	139.008273
0.98	168.6	138.6276173	18.35	1.073	166.8	139.6529623
0.884	170.2	137.8421902	18.35	1.02	167.3	139.3528135
0.92	171.9	137.1338452	18.34	1.07	167.4	139.2942101
1.005	171.2	137.4099861	18.36	1.087	166.3	139.9650888
0.912	172.3	136.9857152	18.36	1.098	168.2	138.8423412
0.88	171.8	137.171973	18.36	1.041	166.4	139.9016992
0.775	168.8	138.5230334	18.36	1.03	168.8	138.5230334
0.873	173.1	136.7103661	18.35	0.922	168.1	138.8971847
0.704	168.9	138.471433	18.35	0.85	168.4	138.734051
0.677	165.8	140.2893212	18.32	0.811	166.5	139.8387928
0.701	172.9	136.7766005	18.3	0.937	170.6	137.6639493
0.653	171.2	137.4099861	18.28	0.88	172.6	136.8792016
0.74	168.2	138.8423412	18.27	0.979	166.3	139.9650888
0.738	159.9	145.0817692	18.26	0.886	162.5	142.7430964
0.708	162.8	142.4968525	18.24	0.827	164.5	141.1899582
0.785	160.2	144.7927354	18.2	0.872	161.4	143.6871825
0.71	157.1	148.034394	18.2	0.797	159.6	145.3759529
0.762	166.6	139.7763685	18.19	0.915	165.7	140.355632
0.757	175.8	135.9838512	18.19	0.875	173.7	136.5220169
0.765	174.6	136.2684311	18.18	0.886	172.7	136.8445673
0.75	180.2	135.4556091	18.19	1.032	173.6	136.5523328
0.838	181.7	135.458704	18.21	1.009	176	135.9423289
0.843	177.6	135.6704665	18.24	1.021	173.6	136.5523328
0.888	180.4	135.4506575	18.26	1.044	175.9	135.9628798
0.86	177.4	135.6986053	18.27	1.024	173.4	136.6142539
0.929	175.8	135.9838512	18.29	1.045	171.7	137.21054
0.807	177	135.759882	18.29	1.037	171.3	137.3692134
1.017	170.9	137.5349652	18.29	1.149	168.3	138.7879636
0.889	168.9	138.471433	18.32	1.093	168.1	138.8971847
0.869	164	141.5589225	18.33	0.966	164.5	141.1899582
0.797	160.8	144.2299319	18.33	1.027	161.5	143.5986496
0.913	163	142.3353263	18.32	1.132	162.9	142.4158267
0.99	162.4	142.8262379	18.32	1.125	161.4	143.6871825
1.092	162.2	142.9941199	18.34	1.159	161.1	143.9560723
0.959	158	147.0339187	18.34	1.118	160.5	144.5088047
1.129	163.9	141.6342428	18.34	1.15	160.7	144.3223303
0.891	164.2	141.4098131	18.35	1.23	165.1	140.7638403
0.99	166.7	139.7144254	18.35	1.204	163.1	142.25535

18.73	1.282	177.6	135.6704665	137.465371	Yes
18.74	1.366	173.8	136.4921301	139.6689803	Yes
18.75	1.304	170.4	137.7521729	140.2038961	Yes
18.75	1.295	170.1	137.8878733	141.2484655	Yes
18.75	1.2	169.9	137.9805921	142.3221937	Yes
18.74	1.193	171	137.4928614	140.8500176	Yes
18.7	1.136	173.5	136.5830783	139.344614	Yes
18.64	1.103	172.5	136.9142707	138.8103927	Yes
18.6	1.19	172.3	136.9857152	140.1685264	Yes
18.56	1.204	171.7	137.21054	139.6032847	Yes
18.53	1.173	176.1	135.9221983	137.435778	Yes
18.49	1.193	173.8	136.4921301	138.2386675	Yes
18.47	1.379	174.7	136.2423866	138.1351033	Yes
18.47	1.322	172.4	136.949775	138.8656658	Yes
18.46	1.215	174.3	136.3491176	138.2059091	Yes
18.45	1.314	175.1	136.1424529	138.0865261	Yes
18.46	1.243	172.5	136.9142707	137.9721223	Yes
18.46	1.134	173.9	136.4626721	138.0124629	Yes
18.47	1.188	174.6	136.2684311	139.7701547	Yes
18.47	1.084	174.1	136.4050401	139.1691911	Yes
18.46	1.139	174.8	136.2167669	138.7013847	Yes
18.46	1.045	176.1	135.9221983	138.3049447	Yes
18.44	0.943	174	136.4336422	139.3213865	Yes
18.42	0.993	176.8	135.7930238	137.0631575	Yes
18.39	0.974	177.9	135.6313781	137.0191242	Yes
18.39	1.121	172.9	136.7766005	139.0447316	Yes
18.39	1.062	170.9	137.5349652	144.8957192	Yes
18.36	0.963	172.4	136.949775	143.1850975	Yes
18.32	1.063	169.4	138.2203136	145.4564278	Yes
18.32	1.044	167.2	139.411891	145.0581761	Yes
18.32	1.047	173.2	136.6778973	139.5668848	Yes
18.31	1.112	182.3	135.4859439	136.2906833	Yes
18.31	1.105	178.5	135.564413	136.2061442	Yes
18.32	1.124	180.8	135.4457063	136.2693464	Yes
18.34	1.218	184.3	135.6843278	136.1056719	Yes
18.37	1.208	182	135.4704656	136.125538	Yes
18.38	1.251	183.1	135.5454083	136.0249349	Yes
18.4	1.227	182.5	135.4983288	136.6987798	Yes
18.41	1.243	180.2	135.4556091	136.4853646	Yes
18.41	1.223	178.3	135.5850754	136.4962834	Yes
18.43	1.348	175.6	136.0270567	138.2099281	Yes
18.45	1.279	173.9	136.4626721	138.7651887	Yes
18.45	1.201	171.1	137.4512019	141.1069148	Yes
18.45	1.152	166.4	139.9016992	143.9012429	Yes
18.44	1.282	169.4	138.2203136	142.3900094	Yes
18.45	1.376	167	139.5314724	144.7213473	Yes
18.45	1.485	168.1	138.8971847	143.2074374	Yes
18.45	1.28	165.7	140.355632	144.8250191	Yes
18.45	1.488	167.9	139.008273	144.0643721	Yes
18.45	1.257	170.6	137.6639493	141.2480866	Yes
18.46	1.368	170.4	137.7521729	140.9761133	Yes

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7/28/2019	6:17	18.15	0.502
7/28/2019	6:18	18.16	0.42
7/28/2019	6:19	18.19	0.43
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7/28/2019	6:21	18.22	0.318
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7/28/2019	6:23	18.26	0.267
7/28/2019	6:24	18.28	0.335
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7/28/2019	6:27	18.33	0.277
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7/28/2019	6:45	19.44	0.87
7/28/2019	6:46	19.49	0.675
7/28/2019	6:47	19.55	0.621
7/28/2019	6:48	19.6	0.629
7/28/2019	6:49	19.66	0.895
7/28/2019	6:50	19.72	0.813
7/28/2019	6:51	19.77	0.752
7/28/2019	6:52	19.81	0.814
7/28/2019	6:53	19.85	0.817
7/28/2019	6:54	19.88	0.863
7/28/2019	6:55	19.92	0.831
7/28/2019	6:56	19.94	0.866
7/28/2019	6:57	19.96	0.8
7/28/2019	6:58	20	0.862
7/28/2019	6:59	20.04	0.808
7/28/2019	7:00	20.1	0.784
7/28/2019	7:01	20.15	0.822
7/28/2019	7:02	20.2	0.797

177.2	135.7284098	18.05
169.3	138.2696225	18.08
171	137.4928614	18.11
180.6	135.4473567	18.14
169.3	138.2696225	18.19
178	135.6191797	18.23
165.4	140.557513	18.27
170.1	137.8878733	18.32
171.6	137.249547	18.37
174.6	136.2684311	18.42
171.3	137.3692134	18.47
174.7	136.2423866	18.53
174.3	136.3491176	18.58
166.8	139.6529623	18.63
162.1	143.0788632	18.69
163.9	141.6342428	18.75
174.5	136.2949008	18.82
170.1	137.8878733	18.88
176.1	135.9221983	18.95
177.4	135.6986053	19.01
189.1	136.8445673	19.07
186	135.9838512	19.15
194.9	139.5919783	19.24
187.3	136.2949008	19.33
184.3	135.6843278	19.42
194.9	139.5919783	19.51
192	138.0276292	19.59
186.3	136.0492916	19.68
189	136.810367	19.76
193.1	138.5750946	19.83
184.8	135.759882	19.89
202.8	145.9799608	19.96
193.3	138.6806025	20.02
196.4	140.557513	20.08
192.7	138.3696112	20.12
191.8	137.9340071	20.18
189.5	136.9857152	20.24
191.8	137.9340071	20.3
184	135.6439919	20.36
189.6	137.0220917	20.43
190.7	137.4512019	20.49
188.2	136.5523328	20.56
179.3	135.4983288	20.59
186.3	136.0492916	20.65
185.6	135.9024875	20.69
193	138.5230334	20.7
194.6	139.411891	20.72
188.8	136.743267	20.75
187	136.2167669	20.85
190.2	137.249547	20.93
190.2	137.249547	20.96

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0.67	168.6
0.598	167.7
0.62	166.4
0.721	166.1
0.684	169.8
0.754	166.6
0.716	163.9
0.589	170.9
0.644	168.8
0.599	170.9
0.698	167.8
0.622	164.4
0.602	165.3
0.552	158.9
0.462	155.6
0.497	163.7
0.604	167.2
0.623	168.3
0.824	169.5
0.959	178.1
0.833	176.1
1.085	175.9
0.993	176.9
1.036	177.5
1.004	182.4
1.185	181.2
1.016	184.4
1.039	186.3
1.086	187
0.977	185.2
1.067	186.6
0.999	184.5
1.176	184.7
1.067	185.5
1.22	192.1
0.959	181.1
1.246	181.3
1.142	179.7
0.994	178
1.199	181.5
1.201	180.4
1.198	173.7
1.05	179.1
1.275	188.7
1.47	189.4
1.565	189.1
1.242	185.3
1.088	185
1.206	187.8
1.158	187.9

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138.6276173	18.27
139.1212357	18.29
139.9016992	18.31
140.0933217	18.34
138.0276292	18.37
139.7763685	18.41
141.6342428	18.44
137.5349652	18.48
138.5230334	18.51
137.5349652	18.55
139.0645196	18.58
141.262737	18.61
140.6257933	18.63
146.0826775	18.65
149.8154124	18.68
141.786421	18.71
139.411891	18.75
138.7879636	18.8
138.1714606	18.85
135.6073966	18.93
135.9221983	19.02
135.9628798	19.11
135.7762441	19.22
135.6843278	19.32
135.4919297	19.4
135.4473567	19.48
135.6986053	19.55
136.0492916	19.6
136.2167669	19.65
135.8278372	19.71
136.1185285	19.77
135.7132992	19.82
135.7439374	19.87
135.8831963	19.9
138.0751192	19.95
135.4463252	20.01
135.4488008	20.06
135.475212	20.11
135.6191797	20.17
135.452927	20.22
135.4506575	20.26
136.5220169	20.29
135.5123672	20.33
136.7103661	20.34
136.949775	20.36
136.8445673	20.38
135.8458714	20.43
135.7930238	20.5
136.4336422	20.55
136.4626721	20.58

1.037	169.2	138.3193881	18.37	1.093	167.8	139.0645196
0.873	170.4	137.7521729	18.39	1.086	169	138.4202926
0.943	169.1	138.3696112	18.41	0.981	167.7	139.1212357
0.918	169.6	138.1230627	18.42	1.042	168.2	138.8423412
0.928	170.6	137.6639493	18.45	1.023	167.9	139.008273
0.971	171.6	137.249547	18.47	1.048	170.2	137.8421902
0.925	169.8	138.0276292	18.5	1.02	168.9	138.471433
0.927	169.1	138.3696112	18.52	1.07	166.2	140.0289626
0.807	169.6	138.1230627	18.54	0.868	167.2	139.411891
0.774	170.5	137.7078372	18.56	0.96	167.9	139.008273
0.798	167.5	139.23608	18.58	0.931	168.9	138.471433
0.693	171.7	137.21054	18.6	0.964	167.8	139.0645196
0.716	166	140.1581671	18.6	0.904	166.8	139.6529623
0.811	165	140.8336095	18.6	0.905	164.6	141.1176841
0.654	161	144.0468045	18.6	0.782	161.6	143.5106627
0.556	160.3	144.6975271	18.61	0.716	159.5	145.4751667
0.743	165.3	140.6257933	18.62	0.785	163.8	141.7100752
0.712	168.2	138.8423412	18.65	0.877	167.5	139.23608
0.787	166.6	139.7763685	18.69	0.884	164	141.5589225
1.062	177.8	135.6439919	18.75	1.116	170.6	137.6639493
1.033	180.1	135.458704	18.82	1.358	176.3	135.8831963
1.023	182.6	135.5051412	18.91	1.217	179.6	135.4803714
1.18	186	135.9838512	19.01	1.489	180.3	135.452927
1.278	186.5	136.0950271	19.11	1.422	178.7	135.5454083
1.412	184.3	135.6843278	19.21	1.485	178	135.6191797
1.302	192.1	138.0751192	19.28	1.473	182	135.4704656
1.37	187.6	136.3768654	19.35	1.661	180.7	135.4463252
1.333	187	136.2167669	19.41	1.442	180.6	135.4473567
1.314	189.5	136.9857152	19.45	1.572	182.7	135.5123672
1.186	192.3	138.1714606	19.49	1.53	184.5	135.7132992
1.407	187.9	136.4626721	19.53	1.487	181.2	135.4473567
1.198	190.7	137.4512019	19.57	1.493	185	135.7930238
1.536	190.5	137.3692134	19.62	1.61	180	135.4622116
1.643	195.6	140.0289626	19.67	1.727	184.8	135.759882
1.363	189.3	136.9142707	19.69	1.605	182.9	135.52806
1.212	193.1	138.5750946	19.73	1.574	184.9	135.7762441
1.23	190.7	137.4512019	19.78	1.393	180.4	135.4506575
1.549	191.2	137.6639493	19.82	1.708	181.8	135.4622116
1.605	187.9	136.4626721	19.88	1.656	182.3	135.4859439
1.442	185.5	135.8831963	19.93	1.578	179.9	135.4661321
1.473	186.5	136.0950271	19.97	1.71	179.7	135.475212
1.567	188.5	136.6458601	20.01	1.765	179.2	135.5051412
1.603	183.7	135.6073966	20.04	1.772	176.6	135.8278372
1.521	185.5	135.8831963	20.08	1.626	179.1	135.5123672
1.56	190	137.171973	20.1	1.879	181.9	135.4661321
1.685	192.4	138.2203136	20.12	2.105	184.6	135.7284098
1.68	193.8	138.952495	20.14	2.291	184.5	135.7132992
1.552	189.9	137.1338452	20.18	1.764	184.7	135.7439374
1.406	191.2	137.6639493	20.23	1.597	181.4	135.4506575
1.59	193.8	138.952495	20.26	1.939	185.9	135.9628798
1.594	192.5	138.2696225	20.29	1.76	185.4	135.8643244

18.48	1.377	173.3	136.6458601	138.4864818	Yes
18.49	1.223	174.3	136.3491176	138.2674263	Yes
18.51	1.157	174.4	136.3217962	138.526236	Yes
18.52	1.231	175.5	136.0492916	138.078615	Yes
18.55	1.212	172.6	136.8792016	138.7587916	Yes
18.57	1.201	178.6	135.5547035	137.1846365	Yes
18.59	1.201	175.8	135.9838512	139.208236	Yes
18.62	1.235	173.6	136.5523328	139.4801725	Yes
18.64	1.102	175.5	136.0492916	138.0798665	Yes
18.66	1.088	174.8	136.2167669	137.8768937	Yes
18.68	1.083	175.3	136.0950271	138.1529229	Yes
18.68	0.936	174	136.4336422	137.8954915	Yes
18.69	0.982	173.5	136.5830783	139.355746	Yes
18.68	1.055	171.3	137.3692134	140.5575123	Yes
18.67	0.864	167.1	139.4714437	144.179752	Yes
18.68	0.745	165.5	140.4897269	145.4055872	Yes
18.69	0.903	171.2	137.4099861	140.1042976	Yes
18.71	0.982	171.5	137.2889944	138.8445464	Yes
18.76	1.032	172.3	136.9857152	139.0113632	Yes
18.81	1.213	177.7	135.6570213	136.7945018	Yes
18.89	1.331	179.1	135.5123672	135.948466	Yes
18.99	1.292	185.4	135.8643244	135.7228905	Yes
19.1	1.575	186	135.9838512	136.7479091	Yes
19.21	1.627	188.1	136.5220169	135.9278951	Yes
19.31	1.851	188.1	136.5220169	135.6680408	Yes
19.37	1.699	189.7	137.0589052	137.1573732	Yes
19.44	1.694	188.2	136.5523328	136.3245441	Yes
19.5	1.654	188.5	136.6458601	135.8530051	Yes
19.55	1.709	191	137.577514	136.3394352	Yes
19.59	1.58	192.8	138.4202926	137.1691553	Yes
19.64	1.876	193	138.5230334	135.874437	Yes
19.68	1.644	192.6	138.3193881	138.8356788	Yes
19.72	1.845	189.5	136.9857152	136.8063317	Yes
19.77	2.071	193.6	138.8423412	138.0225738	Yes
19.8	1.836	192.8	138.4202926	136.6737846	Yes
19.83	1.587	194.2	139.1784222	137.5901162	Yes
19.87	1.604	190.6	137.4099861	136.333475	Yes
19.91	2.044	192.1	138.0751192	136.6272422	Yes
19.95	2.111	191.3	137.7078372	135.766955	Yes
20.01	1.909	187	136.2167669	135.99765	Yes
20.06	1.815	188	136.4921301	136.118592	Yes
20.1	2.043	189.7	137.0589052	136.0384979	Yes
20.13	2.043	186.3	136.0492916	135.8638949	Yes
20.16	1.954	187.2	136.2684311	135.7393056	Yes
20.17	2.146	192.7	138.3696112	136.3127397	Yes
20.2	2.218	193.7	138.8971847	137.355383	Yes
20.24	2.482	193.9	139.008273	137.7305631	Yes
20.29	2.073	192.4	138.2203136	136.3667302	Yes
20.33	1.91	193.7	138.8971847	136.2810994	Yes
20.36	2.223	196.8	140.8336095	137.149641	Yes
20.39	2.055	192.3	138.1714606	136.9615415	Yes

7/28/2019	7:03	20.25	0.675
7/28/2019	7:04	20.29	0.822
7/28/2019	7:05	20.35	0.797
7/28/2019	7:06	20.39	0.758
7/28/2019	7:07	20.42	0.903
7/28/2019	7:08	20.45	1.007
7/28/2019	7:09	20.49	0.912
7/28/2019	7:10	20.53	0.708
7/28/2019	7:11	20.58	0.959
7/28/2019	7:12	20.64	0.802
7/28/2019	7:13	20.68	0.979
7/28/2019	7:14	20.73	0.789
7/28/2019	7:15	20.78	0.781
7/28/2019	7:16	20.82	0.912
7/28/2019	7:17	20.88	0.815
7/28/2019	7:18	20.94	0.878
7/28/2019	7:19	20.96	0.825
7/28/2019	7:20	21.01	0.767
7/28/2019	7:21	21.07	0.705
7/28/2019	7:22	21.17	0.775
7/28/2019	7:23	21.23	0.704
7/28/2019	7:24	21.27	0.78
7/28/2019	7:25	21.35	0.764
7/28/2019	7:26	21.42	0.891
7/28/2019	7:27	21.47	0.831
7/28/2019	7:28	21.52	0.73
7/28/2019	7:29	21.59	0.655
7/28/2019	7:30	21.66	0.733
7/28/2019	7:31	21.71	0.841
7/28/2019	7:32	21.77	0.722
7/28/2019	7:33	21.82	0.756
7/28/2019	7:34	21.87	0.859
7/28/2019	7:35	21.92	0.776
7/28/2019	7:36	21.99	0.806
7/28/2019	7:37	22.03	0.591
7/28/2019	7:38	22.11	0.657
7/28/2019	7:39	22.17	0.726
7/28/2019	7:40	22.2	0.571
7/28/2019	7:41	22.22	0.668
7/28/2019	7:42	22.29	0.627
7/28/2019	7:43	22.4	0.647
7/28/2019	7:44	22.43	0.909
7/28/2019	7:45	22.45	0.622
7/28/2019	7:46	22.47	0.594
7/28/2019	7:47	22.51	1.002
7/28/2019	7:48	22.51	0.859
7/28/2019	7:49	22.52	1.047
7/28/2019	7:50	22.53	0.789
7/28/2019	7:51	22.53	0.708
7/28/2019	7:52	22.55	0.714
7/28/2019	7:53	22.6	0.749

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192.1	138.0751192	21.05
194.8	139.5314724	21.12
198.6	142.1758963	21.17
191.6	137.8421902	21.16
195.3	139.8387928	21.18
193.4	138.734051	21.18
205.1	148.4952449	21.23
187.3	136.2949008	21.27
193.2	138.6276173	21.36
200.3	143.5986496	21.41
195.3	139.8387928	21.44
205	148.379085	21.51
191.3	137.7078372	21.56
202.1	145.2773166	21.63
195.7	140.0933217	21.7
201.6	144.7927354	21.72
201.3	144.5088047	21.78
194.5	139.3528135	21.83
194.2	139.1784222	21.98
193.9	139.008273	22.05
195.5	139.9650888	22.09
188.6	136.6778973	22.17
190.3	137.2889944	22.23
192.1	138.0751192	22.3
195.9	140.2234999	22.36
194.6	139.411891	22.47
199.1	142.5784051	22.57
191.5	137.796957	22.63
189.1	136.8445673	22.68
186.4	136.0719483	22.72
197.9	141.6342428	22.77
189.3	136.9142707	22.82
195.3	139.8387928	22.88
195.3	139.8387928	22.95
197.1	141.0459134	23.08
209.7	154.5640391	23.16
205	148.379085	23.17
204.6	147.9207527	23.18
199.1	142.5784051	23.23
192.3	138.1714606	23.38
188.8	136.743267	23.44
207.6	151.6116385	23.43
205.4	148.8475437	23.42
198.9	142.4158267	23.46
202.5	145.6753339	23.38
191.7	137.8878733	23.33
204	147.2519401	23.33
207.4	151.3468538	23.34
205	148.379085	23.38
192.3	138.1714606	23.47

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1.169	190
1.375	193.7
1.523	191
1.539	186.5
1.46	186.7
1.292	191.3
1.203	191.3
1.226	191.8
1.356	194.2
1.149	186.3
1.31	195.1
1.365	184.4
1.259	190.6
1.383	182.1
1.281	195.3
1.303	192.8
1.048	189.7
1.138	186.1
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1.364	188.5
1.231	182
1.184	179.5
1.292	184.1
0.972	187.5
0.985	185.2
1.238	184.3
1.302	179.3
1.269	183.6
1.343	189.9
1.249	190.2
1.23	184.7
1.275	189.7
0.773	188.2
1.118	185.5
1.169	194
1.029	197.7
1.468	191.6
0.984	189.9
0.935	187.3
1.41	182.1
1.296	194.3
1.076	194.2
1.668	182
1.832	188.2
1.501	182.1
1.679	188.1
1.492	190.9
1.397	188.7
1.187	184.6

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136.5523328	20.63
137.171973	20.68
138.8971847	20.72
137.577514	20.73
136.0950271	20.76
136.1424529	20.79
137.7078372	20.82
137.7078372	20.86
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139.7144254	21.08
135.6986053	21.13
137.4099861	21.18
135.475212	21.26
139.8387928	21.27
138.4202926	21.31
137.0589052	21.36
136.0052434	21.48
136.7766005	21.56
136.6458601	21.59
135.4704656	21.66
135.4859439	21.73
135.6570213	21.79
136.3491176	21.84
135.8278372	21.93
135.6843278	21.99
135.4983288	22.04
135.5960285	22.1
137.1338452	22.13
137.249547	22.16
135.7439374	22.21
137.0589052	22.27
136.5523328	22.34
135.8831963	22.45
139.0645196	22.52
141.484113	22.53
137.8421902	22.56
137.1338452	22.63
136.2949008	22.75
135.475212	22.75
139.23608	22.77
139.1784222	22.76
135.4704656	22.81
136.5523328	22.76
135.475212	22.76
136.5220169	22.76
137.5349652	22.77
136.7103661	22.8
135.7284098	22.87

1.4	195.5	139.9650888	20.32	1.766	186.4	136.0719483
1.618	192.4	138.2203136	20.34	1.904	185.3	135.8458714
1.426	195.2	139.7763685	20.38	1.764	186.2	136.0270567
1.549	193.1	138.5750946	20.41	1.973	187.5	136.3491176
1.679	195	139.6529623	20.44	2.199	188.9	136.7766005
2.087	194.6	139.411891	20.47	2.411	186.3	136.0492916
1.855	195.4	139.9016992	20.51	2.118	186.4	136.0719483
1.627	198.9	142.4158267	20.53	2.044	188.1	136.5220169
1.698	195	139.6529623	20.57	1.869	188.6	136.6778973
1.688	192.8	138.4202926	20.62	1.885	187.2	136.2684311
1.899	197.9	141.6342428	20.66	2.09	191.2	137.6639493
1.834	190.7	137.4512019	20.71	1.898	184.1	135.6570213
1.727	199.1	142.5784051	20.76	2.054	191.2	137.6639493
1.774	191.5	137.796957	20.8	2.053	185	135.7930238
1.516	197.7	141.484113	20.85	1.935	187.7	136.4050401
1.796	192.7	138.3696112	20.92	2.106	184.7	135.7439374
1.609	199.8	143.1641434	20.93	2.013	191.4	137.7521729
1.611	199.1	142.5784051	20.97	1.999	191.4	137.7521729
1.483	194.4	139.2942101	20.99	1.686	186.8	136.1668004
1.509	191.4	137.7521729	21.09	1.72	184.2	135.6704665
1.412	193.6	138.8423412	21.17	2.061	186.8	136.1668004
1.65	195.5	139.9650888	21.21	2.1	187.7	136.4050401
1.685	187	136.2167669	21.26	1.854	181.5	135.452927
1.782	188.3	136.5830783	21.34	1.949	181.4	135.4506575
1.609	188.7	136.7103661	21.39	1.991	183.4	135.5745369
1.462	190.4	137.328883	21.43	1.689	185.9	135.9628798
1.414	188.4	136.6142539	21.49	1.623	182.1	135.475212
1.476	189.5	136.9857152	21.56	1.952	185.9	135.9628798
1.571	187.9	136.4626721	21.61	2.034	180.4	135.4506575
1.635	189.7	137.0589052	21.67	1.98	182.8	135.5200067
1.568	195.8	140.1581671	21.71	2.004	189.5	136.9857152
1.499	194.8	139.5314724	21.74	1.985	189.4	136.949775
1.678	188.4	136.6142539	21.8	1.929	182.3	135.4859439
1.676	195.8	140.1581671	21.87	2.032	189	136.810367
1.288	188.6	136.6778973	21.93	1.368	188.3	136.5830783
1.335	191.6	137.8421902	22.04	1.705	183.1	135.5454083
1.296	193.7	138.8971847	22.11	1.815	190.7	137.4512019
1.211	199.1	142.5784051	22.12	1.67	196.4	140.557513
1.443	198.2	141.8632814	22.14	2.151	191.8	137.9340071
1.078	190.7	137.4512019	22.19	1.513	188.4	136.6142539
1.303	188.1	136.5220169	22.31	1.563	183.9	135.6313781
1.693	188.9	136.7766005	22.32	2.053	181.7	135.458704
1.427	198.1	141.786421	22.35	1.959	192.7	138.3696112
1.32	197.8	141.5589225	22.34	1.705	192.2	138.1230627
1.949	188.8	136.743267	22.38	2.444	182.4	135.4919297
2.095	194.8	139.5314724	22.35	2.728	187.7	136.4050401
2.004	186.3	136.0492916	22.37	2.426	182.3	135.4859439
1.975	195.2	139.7763685	22.37	2.513	190.3	137.2889944
1.788	199	142.4968525	22.38	2.246	190.3	137.2889944
1.569	195.1	139.7144254	22.41	2.211	189.8	137.0961561
1.415	190.6	137.4099861	22.48	1.81	184	135.6439919

20.4	1.966	195.5	139.9650888	138.7421359	Yes
20.43	2.048	196.1	140.355632	137.1734093	Yes
20.47	1.927	193.5	138.7879636	138.1267177	Yes
20.51	2.151	197.4	141.262737	138.9993233	Yes
20.54	2.119	195.1	139.7144254	137.9623167	Yes
20.58	2.773	194.9	139.5919783	137.8487506	Yes
20.6	2.555	197.2	141.1176841	137.7125378	Yes
20.63	2.183	198.9	142.4158267	141.2852314	Yes
20.68	2.201	197.3	141.1899582	137.5833994	Yes
20.72	2.147	196.4	140.557513	137.812587	Yes
20.75	2.6	199.2	142.6604859	140.518816	Yes
20.8	2.337	195.2	139.7763685	137.2490769	Yes
20.86	2.175	198.8	142.3353263	142.0839662	Yes
20.9	2.413	195.1	139.7144254	136.7491058	Yes
20.95	2.106	197.7	141.484113	140.144114	Yes
21.01	2.299	196.4	140.557513	137.4205205	Yes
21.02	2.092	202.2	145.3759529	141.3869611	Yes
21.07	2.198	200.5	143.7762629	140.8149188	Yes
21.11	1.991	196.8	140.8336095	137.9681823	Yes
21.21	1.922	194.2	139.1784222	137.1515762	Yes
21.27	2.173	195.3	139.8387928	137.6985038	Yes
21.29	2.121	196.1	140.355632	138.2452695	Yes
21.36	2.354	193.1	138.5750946	135.9545142	Yes
21.43	2.37	190.3	137.2889944	136.2021685	Yes
21.47	2.382	193.9	139.008273	136.5042609	Yes
21.51	1.94	193.5	138.7879636	137.4660951	Yes
21.6	1.851	191.9	137.9805921	136.8322985	Yes
21.66	2.082	193.6	138.8423412	137.802832	Yes
21.72	2.185	190.1	137.21054	136.3021538	Yes
21.78	2.161	192.1	138.0751192	136.2548769	Yes
21.8	2.274	198.6	142.1758963	137.5874189	Yes
21.84	2.266	198.4	142.0185516	138.8412593	Yes
21.9	2.275	190.2	137.249547	136.1896015	Yes
21.96	2.461	197.7	141.484113	138.466558	Yes
22.01	1.753	193.5	138.7879636	137.4130253	Yes
22.12	1.87	192	138.0276292	137.579177	Yes
22.19	2.003	195.6	140.0289626	142.4942363	Yes
22.2	1.861	201.4	144.6028841	143.2497791	Yes
22.22	2.37	200	143.3363204	141.3900578	Yes
22.27	1.721	194.1	139.1212357	138.4444265	Yes
22.39	1.883	194.5	139.3528135	136.6549391	Yes
22.38	2.462	191.8	137.9340071	136.1134459	Yes
22.4	2.104	200.2	143.5106627	142.7509377	Yes
22.4	2.065	200.1	143.4232201	141.9269878	Yes
22.46	2.797	192.3	138.1714606	137.5303722	Yes
22.42	3.109	197.3	141.1899582	139.5410448	Yes
22.45	2.906	191.8	137.9340071	136.2245802	Yes
22.46	2.841	198	141.7100752	140.20983	Yes
22.47	2.607	198.7	142.25535	142.1669165	Yes
22.5	2.418	198.8	142.3353263	140.4750082	Yes
22.58	2.086	191.1	137.6205085	136.7384621	Yes

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7/28/2019	7:55	22.75	0.768
7/28/2019	7:56	22.82	0.854
7/28/2019	7:57	22.85	0.605
7/28/2019	7:58	22.89	0.421
7/28/2019	7:59	23	0.49
7/28/2019	8:00	23.09	0.569
7/28/2019	8:01	23.14	0.433
7/28/2019	8:02	23.22	0.774
7/28/2019	8:03	23.21	0.522
7/28/2019	8:04	23.29	0.663
7/28/2019	8:05	23.35	0.781
7/28/2019	8:06	23.38	0.73
7/28/2019	8:07	23.42	0.593
7/28/2019	8:08	23.48	0.616
7/28/2019	8:09	23.52	0.708
7/28/2019	8:10	23.54	0.552
7/28/2019	8:11	23.59	0.628
7/28/2019	8:12	23.59	0.563
7/28/2019	8:13	23.63	1
7/28/2019	8:14	23.59	0.795
7/28/2019	8:15	23.55	0.534
7/28/2019	8:16	23.55	0.917
7/28/2019	8:17	23.57	0.636
7/28/2019	8:18	23.54	0.657
7/28/2019	8:19	23.65	0.46
7/28/2019	8:20	23.78	0.86
7/28/2019	8:21	23.88	0.711
7/28/2019	8:22	23.91	0.508
7/28/2019	8:23	23.96	0.871
7/28/2019	8:24	23.99	0.538
7/28/2019	8:25	24.1	0.787
7/28/2019	8:26	24.1	0.694
7/28/2019	8:27	24.19	0.739
7/28/2019	8:28	24.27	0.516
7/28/2019	8:29	24.42	0.653
7/28/2019	8:30	24.54	0.598
7/28/2019	8:31	24.58	0.523
7/28/2019	8:32	24.61	0.687
7/28/2019	8:33	24.62	0.476
7/28/2019	8:34	24.73	0.691
7/28/2019	8:35	24.67	0.736
7/28/2019	8:36	24.74	0.733
7/28/2019	8:37	24.84	0.677
7/28/2019	8:38	24.94	0.62
7/28/2019	8:39	25.05	0.543
7/28/2019	8:40	25.06	0.574
7/28/2019	8:41	25.15	0.529
7/28/2019	8:42	25.27	0.584
7/28/2019	8:43	25.37	0.536
7/28/2019	8:44	25.43	0.87

199.7	143.0788632	23.62
196.8	140.8336095	23.69
195.7	140.0933217	23.76
209.4	154.1225109	23.83
196.8	140.8336095	23.94
196.5	140.6257933	24.09
211.3	157.0357721	24.21
204.8	148.1486618	24.25
193.3	138.6806025	24.32
200.1	143.4232201	24.27
194.9	139.5919783	24.37
190.7	137.4512019	24.43
203.5	146.7114396	24.45
195.7	140.0933217	24.5
196.3	140.4897269	24.54
202.2	145.3759529	24.57
192.9	138.471433	24.58
199.8	143.1641434	24.66
207.9	152.0140384	24.63
202.4	145.5749597	24.62
225	188.6095808	24.52
213.2	160.24088	24.44
203.1	146.2898835	24.38
206.6	150.3151193	24.37
207.8	151.8792052	24.33
195.4	139.9016992	24.52
193.2	138.6276173	24.72
190.2	137.249547	24.84
204.2	147.4724086	24.85
201	144.2299319	24.88
200.4	143.6871825	24.87
199	142.4968525	25
197.6	141.4098131	24.99
200.1	143.4232201	25.05
196.8	140.8336095	25.14
190.5	137.3692134	25.36
197.4	141.262737	25.53
205.8	149.3262707	25.57
212.4	158.8542338	25.55
202.1	145.2773166	25.52
194.8	139.5314724	25.61
202.5	145.6753339	25.46
193.5	138.7879636	25.53
200.3	143.5986496	25.64
187.1	136.2423866	25.75
195.5	139.9650888	25.89
211.3	157.0357721	25.91
201	144.2299319	26.02
185.7	135.9221983	26.16
204.1	147.3618674	26.27
189.5	136.9857152	26.3

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1.338	187.7
1.277	183.7
1.152	198.1
1.08	190.5
1.025	184.2
1.352	191.1
1.082	190.6
1.565	184.2
1.298	193.1
1.313	185.3
1.455	184.2
1.206	186.4
1.229	192.5
1.218	183.5
1.472	190.9
1.239	192.8
1.273	195.2
1.232	195.5
1.437	185.6
1.495	199.5
1.427	204.1
1.842	193.8
1.616	198.5
1.495	196.6
1.204	189.3
1.498	181.7
1.641	187.4
1.511	191.6
1.861	194.7
1.268	187.7
1.639	188.6
1.457	191
1.58	189.5
1.284	184.9
1.237	180.9
1.377	193.3
1.372	186
1.418	203.2
1.406	190.5
1.831	191
1.508	194.2
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1.486	185.1
1.419	181.6
1.508	188.5
1.323	204.4
1.304	187.9
1.33	177.8
1.29	189.1
1.456	189.5

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136.4050401	23.05
135.6073966	23.14
141.786421	23.19
137.3692134	23.27
135.6704665	23.4
137.6205085	23.46
137.4099861	23.5
135.6704665	23.58
138.5750946	23.54
135.8458714	23.64
135.6704665	23.69
136.0719483	23.69
138.2696225	23.73
135.5850754	23.79
137.5349652	23.81
138.4202926	23.8
139.7763685	23.84
139.9650888	23.81
135.9024875	23.82
142.9099119	23.74
147.3618674	23.69
138.952495	23.67
142.096964	23.69
140.6945686	23.66
136.9142707	23.85
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136.3217962	24.14
137.8421902	24.12
139.4714437	24.14
136.4050401	24.14
136.6778973	24.25
137.577514	24.25
136.9857152	24.34
135.7762441	24.43
135.4455	24.63
138.6806025	24.74
135.9838512	24.76
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147.6953406	25.1
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135.6439919	25.32
136.8445673	25.39
136.9857152	25.43

1.414	192.4	138.2203136	22.6	1.988	186.7	136.1424529
1.556	193.7	138.8971847	22.64	1.947	188.8	136.743267
1.802	191.5	137.796957	22.72	2.009	185.4	135.8643244
1.261	203	146.1859844	22.77	1.633	197.7	141.484113
1.199	195.8	140.1581671	22.84	1.501	193.3	138.6806025
1.372	190.9	137.5349652	22.96	1.528	186	135.9838512
1.432	197.3	141.1899582	22.99	1.924	191.7	137.8878733
1.066	194.8	139.5314724	23.03	1.524	191.3	137.7078372
1.734	190.1	137.21054	23.11	2.197	184.3	135.6843278
1.527	197.9	141.6342428	23.07	1.897	191.2	137.6639493
1.438	190.8	137.4928614	23.15	1.84	185.7	135.9221983
1.732	192.9	138.471433	23.2	2.092	185.5	135.8831963
1.51	193.6	138.8423412	23.19	1.741	187.9	136.4626721
1.273	201.8	144.9848547	23.22	1.715	193.8	138.952495
1.548	190.2	137.249547	23.29	1.82	184	135.6439919
1.583	198.8	142.3353263	23.32	2.164	192.3	138.1714606
1.382	199	142.4968525	23.31	1.754	192.8	138.4202926
1.411	205.3	148.729472	23.36	1.834	197.1	141.0459134
1.504	203.9	147.1426245	23.34	1.82	197.5	141.3360215
2.105	192.5	138.2696225	23.35	2.379	188.5	136.6458601
1.848	206.7	150.441715	23.29	2.39	199.4	142.8262379
1.512	205.8	149.3262707	23.25	2.151	201.2	144.4152874
2.024	199.5	142.9099119	23.27	2.687	191.6	137.8421902
1.816	202.3	145.4751667	23.28	2.392	197.2	141.1176841
1.659	200.6	143.8658923	23.28	2.12	196.9	140.9038772
1.192	194.1	139.1212357	23.44	1.573	185.1	135.8102214
1.864	188.1	136.5220169	23.62	2.251	179.8	135.4704656
1.657	190.8	137.4928614	23.71	2.502	185.4	135.8643244
1.56	198	141.7100752	23.69	2.078	192.2	138.1230627
1.967	202.1	145.2773166	23.7	2.769	194.3	139.23608
1.43	194	139.0645196	23.71	1.726	189.1	136.8445673
1.839	195.8	140.1581671	23.81	2.359	192.3	138.1714606
1.554	195.6	140.0289626	23.82	2.188	186.9	136.1915717
1.68	195.3	139.8387928	23.91	2.355	188.1	136.5220169
1.357	191.2	137.6639493	23.98	1.692	185.5	135.8831963
1.529	190.2	137.249547	24.15	1.738	180.7	135.4463252
1.528	195.8	140.1581671	24.25	1.884	189.1	136.8445673
1.379	193	138.5230334	24.27	2.001	186.6	136.1185285
1.63	210.7	156.0853794	24.25	2.127	201.8	144.9848547
1.353	197.5	141.3360215	24.27	1.85	190.1	137.21054
2.004	197.5	141.3360215	24.35	2.613	189.7	137.0589052
1.741	200.6	143.8658923	24.26	2.113	193.4	138.734051
1.675	194.4	139.2942101	24.32	2.093	189.9	137.1338452
1.81	193.7	138.8971847	24.4	2.106	185.2	135.8278372
1.602	187.9	136.4626721	24.49	1.956	181.5	135.452927
1.349	193.9	139.008273	24.6	1.996	185.9	135.9628798
1.414	204.8	148.1486618	24.59	1.838	197.2	141.1176841
1.468	195	139.6529623	24.66	1.812	187.7	136.4050401
1.589	182.9	135.52806	24.78	1.828	178.7	135.5454083
1.419	194.5	139.3528135	24.83	1.853	185.2	135.8278372
2.055	192.8	138.4202926	24.9	2.209	188.7	136.7103661

22.69	2.106	190.6	137.4099861	138.2594146	Yes
22.73	2.286	197.7	141.484113	138.2197753	Yes
22.8	2.439	192.7	138.3696112	137.3404999	Yes
22.84	1.886	202.4	145.5749597	145.8947573	Yes
22.9	1.789	198	141.7100752	139.2603981	Yes
23	2.048	192.7	138.3696112	137.453769	Yes
23.02	2.328	197.7	141.484113	143.433528	Yes
23.07	1.553	196.3	140.4897269	140.6994894	Yes
23.14	2.485	192.7	138.3696112	136.8114842	Yes
23.11	2.141	197.5	141.3360215	140.3241267	Yes
23.19	2.11	193.2	138.6276173	137.2132274	Yes
23.22	2.548	195.5	139.9650888	136.8690744	Yes
23.22	2.178	195.4	139.9016992	139.5221003	Yes
23.26	1.907	199.2	142.6604859	140.5750735	Yes
23.34	2.107	192.3	138.1714606	137.2420853	Yes
23.36	2.414	202.4	145.5749597	140.8544262	Yes
23.35	2.102	199.1	142.5784051	139.4522177	Yes
23.39	2.163	204.4	147.6953406	143.1789743	Yes
23.35	2.366	205.4	148.8475437	145.1144433	Yes
23.35	3.082	198.1	141.786421	139.0982325	Yes
23.29	2.83	206.5	150.1891937	156.1968614	Yes
23.28	2.451	207	150.8255466	150.3360764	Yes
23.28	3.037	199.8	143.1641434	141.4986202	Yes
23.31	2.765	204.1	147.3618674	144.7512335	Yes
23.31	2.544	202.1	145.2773166	144.3358858	Yes
23.48	1.855	193.4	138.734051	137.9368568	Yes
23.65	2.69	188.6	136.6778973	136.5197009	Yes
23.74	2.586	192.8	138.4202926	136.7321322	Yes
23.72	2.476	199.3	142.7430964	141.2869342	Yes
23.74	3.04	202.8	145.9799608	142.053693	Yes
23.78	2.02	195.9	140.2234999	139.0003274	Yes
23.86	2.513	199.3	142.7430964	139.3760944	Yes
23.87	2.425	195.1	139.7144254	138.8019653	Yes
23.96	2.649	195.2	139.7763685	139.1924362	Yes
24.05	2.119	190.4	137.328883	137.5392498	Yes
24.24	2.326	188.4	136.6142539	136.3776464	Yes
24.32	2.249	196.5	140.6257933	139.2365185	Yes
24.33	2.268	193.3	138.6806025	139.987921	Yes
24.29	2.45	208.4	152.6988115	151.5797111	Yes
24.33	2.168	196.2	140.4224336	140.2982729	Yes
24.39	3.114	198.9	142.4158267	138.8759783	Yes
24.3	2.561	200.9	144.1380905	141.8634248	Yes
24.38	2.354	193.6	138.8423412	138.230964	Yes
24.45	2.653	194.5	139.3528135	138.5334733	Yes
24.54	2.344	187.8	136.4336422	135.9033987	Yes
24.67	2.034	191.3	137.7078372	137.8955254	Yes
24.61	2.294	205.6	149.0856146	148.4993646	Yes
24.67	2.128	193.3	138.6806025	139.1876516	Yes
24.78	2.366	186.8	136.1668004	135.6599146	Yes
24.83	2.332	192.6	138.3193881	139.8467713	Yes
24.89	3.046	196.8	140.8336095	137.2755223	Yes

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7/28/2019	8:49	25.52	0.562
7/28/2019	8:50	25.66	0.706
7/28/2019	8:51	25.72	0.502
7/28/2019	8:52	25.91	0.671
7/28/2019	8:53	26.01	0.685
7/28/2019	8:54	26.04	0.704
7/28/2019	8:55	26	0.852
7/28/2019	8:56	25.92	0.753
7/28/2019	8:57	25.79	0.637
7/28/2019	8:58	25.89	0.49
7/28/2019	8:59	26.05	0.76
7/28/2019	9:00	26.1	0.667
7/28/2019	9:01	26.15	0.77
7/28/2019	9:02	26.16	0.903
7/28/2019	9:03	26.06	0.727
7/28/2019	9:04	26.08	0.731
7/28/2019	9:05	26.14	0.74
7/28/2019	9:06	26.08	0.642
7/28/2019	9:07	26.05	0.642
7/28/2019	9:08	26.09	0.995
7/28/2019	9:09	26.09	0.737
7/28/2019	9:10	26.08	0.72
7/28/2019	9:11	26.23	0.742
7/28/2019	9:12	26.36	0.741
7/28/2019	9:13	26.39	0.808
7/28/2019	9:14	26.42	0.717
7/28/2019	9:15	26.45	0.739
7/28/2019	9:16	26.42	0.815
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7/28/2019	9:18	26.32	0.715
7/28/2019	9:19	26.42	0.808
7/28/2019	9:20	26.52	0.871
7/28/2019	9:21	26.62	0.751
7/28/2019	9:22	26.58	0.948
7/28/2019	9:23	26.49	0.972
7/28/2019	9:24	26.45	0.787
7/28/2019	9:25	26.51	0.752
7/28/2019	9:26	26.53	0.944
7/28/2019	9:27	26.45	0.867
7/28/2019	9:28	26.49	0.805
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7/28/2019	9:30	26.46	1.088
7/28/2019	9:31	26.42	0.863
7/28/2019	9:32	26.42	1.21
7/28/2019	9:33	26.4	0.889
7/28/2019	9:34	26.45	0.737
7/28/2019	9:35	26.5	0.962

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202.3	145.4751667	26.25
197.4	141.262737	26.41
192.1	138.0751192	26.49
192.4	138.2203136	26.73
185.9	135.9628798	26.87
194.9	139.5919783	26.96
208.8	153.2595242	26.87
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192.7	138.3696112	26.81
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194.8	139.5314724	26.76
211.3	157.0357721	26.84
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212	158.1813694	26.65
201.1	144.3223303	26.66
205.8	149.3262707	26.68
205.4	148.8475437	26.68
189.6	137.0220917	26.89
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216.2	165.9591491	27.12
222.9	182.2598979	27.03
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209	153.5442409	27.34
213.3	160.4181218	27.3
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217.8	169.3736382	27.12
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1.128	192.9
1.586	178.9
1.575	182.8
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1.556	205.1
1.328	205
1.597	208.5
1.966	191
1.697	196.9
1.192	208.2
1.246	188.1
1.268	204.2
1.625	188.8
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1.336	206.5
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2.202	207.8
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1.356	218.2
1.778	213.8

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136.4050401	25.97
137.0220917	26
141.3360215	25.88
145.6753339	25.76
142.7430964	25.65
138.471433	25.76
135.52806	25.94
135.5200067	25.98
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136.6778973	26
145.0817692	25.88
141.1899582	25.89
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152.8379067	25.88
137.577514	25.91
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147.4724086	26.25
136.743267	26.25
143.9560723	26.29
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144.4152874	26.35
137.0220917	26.38
138.0751192	26.41
151.2154981	26.3
153.9768314	26.23
148.379085	26.2
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153.4015168	26.31
159.0245589	26.23
135.8458714	26.3
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151.4788997	26.23
146.0826775	26.2
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144.0468045	26.21
170.2702897	26.28
161.3176459	26.34

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1.57	187.1	136.2423866	24.88	1.9	182.3	135.4859439
1.637	206.9	150.6969261	24.93	2.147	197.9	141.6342428
1.322	194.4	139.2942101	24.96	1.755	187.3	136.2949008
1.604	196.7	140.7638403	25.06	1.885	189.5	136.9857152
1.082	200.3	143.5986496	25.14	1.414	194.2	139.1784222
1.652	189.9	137.1338452	25.32	1.816	183.6	135.5960285
1.561	182.1	135.475212	25.38	1.714	179.6	135.4803714
1.542	195.2	139.7763685	25.42	2.057	186.8	136.1668004
1.902	206.4	150.0639356	25.32	2.337	197.4	141.262737
1.95	208.3	152.5604335	25.21	2.408	200.3	143.5986496
1.568	203.4	146.6051528	25.14	2.055	194.8	139.5314724
1.311	196.8	140.8336095	25.25	1.649	194.6	139.411891
1.785	185.4	135.8643244	25.43	2.319	178.3	135.5850754
1.922	192.5	138.2696225	25.44	2.298	187.1	136.2423866
1.78	191.2	137.6639493	25.44	1.99	187.2	136.2684311
1.956	196	140.2893212	25.45	2.65	188.7	136.7103661
1.897	209.7	154.5640391	25.39	2.399	202	145.1792559
1.629	198.2	141.8632814	25.41	1.784	197	140.9746448
1.903	214.2	162.0534901	25.49	2.342	204.1	147.3618674
1.681	208.5	152.8379067	25.49	2.089	202.9	146.0826775
1.749	212.2	158.5161218	25.5	2.338	208.4	152.6988115
2.272	198.5	142.096964	25.54	2.815	190.4	137.328883
1.695	207.8	151.8792052	25.54	2.362	198.4	142.0185516
1.49	216.1	165.7545685	25.58	1.874	207.4	151.3468538
1.565	191.9	137.9805921	25.73	1.86	192.5	138.2696225
1.693	207.8	151.8792052	25.84	1.958	201.7	144.8885107
1.891	195.8	140.1581671	25.82	2.471	190.1	137.21054
1.598	208.8	153.2595242	25.81	1.989	201	144.2299319
1.643	215.7	164.946271	25.83	2.055	206.3	149.9393426
1.903	214.1	161.8681603	25.79	2.41	204.4	147.6953406
1.939	219.2	172.5912057	25.76	2.415	211.6	157.5218261
1.424	227.7	193.8009328	25.79	1.867	217.1	167.8465446
1.719	205.8	149.3262707	25.93	2.094	200.8	144.0468045
1.948	195.3	139.8387928	25.92	2.26	188.9	136.7766005
1.994	201.1	144.3223303	25.93	2.47	192.3	138.1714606
2.047	213.6	160.955157	25.87	2.471	206.4	150.0639356
2.016	215.9	165.3484246	25.86	2.506	209.7	154.5640391
1.823	216.3	166.1647422	25.87	2.05	210.5	155.7749165
1.63	218.6	171.184873	26	1.857	214.2	162.0534901
1.991	216.5	166.5789856	26.03	2.44	212.2	158.5161218
2.158	218.9	171.8828066	25.97	2.463	212.6	159.1957351
2.047	189.4	136.949775	26.04	2.772	183.5	135.5850754
2.075	215	163.5696028	26.06	2.815	204.9	148.2635581
2.392	214.9	163.3767931	25.99	3.12	204.8	148.1486618
2.036	206.9	150.6969261	25.97	2.74	197.2	141.1176841
2.521	215.5	164.548069	25.99	3.099	206.7	150.441715
2.079	208.6	152.9777221	25.99	2.561	201.7	144.8885107
1.708	222.6	181.4071437	26.06	2.024	217.6	168.9319213
2.133	219.5	173.3102392	26.12	2.63	213.1	160.0645165

24.74	3.176	208.4	152.6988115	152.7021287	Yes
24.68	2.341	192.9	138.471433	138.6283491	Yes
24.89	2.438	189	136.810367	136.2204169	Yes
24.92	2.531	202.7	145.8778326	148.9569743	Yes
24.96	2.091	193.3	138.6806025	139.5401084	Yes
25.05	2.327	197.1	141.0459134	139.3709314	Yes
25.14	1.636	200.4	143.6871825	139.6965495	Yes
25.33	2.355	192.4	138.2203136	136.5991281	Yes
25.38	2.19	188.9	136.7766005	135.8308758	Yes
25.42	2.334	192.1	138.0751192	138.1393098	Yes
25.3	2.931	205.8	149.3262707	146.4805546	Yes
25.17	2.919	208	152.1495751	149.099614	Yes
25.11	2.363	201.7	144.8885107	144.1718643	Yes
25.22	1.907	197.1	141.0459134	140.3443549	Yes
25.43	2.689	186.4	136.0719483	136.2994433	Yes
25.44	2.779	196.3	140.4897269	137.1004068	Yes
25.45	2.544	193.6	138.8423412	137.2002819	Yes
25.47	2.892	194.4	139.2942101	139.3858692	Yes
25.39	2.872	207.7	151.7450728	150.1499952	Yes
25.42	2.377	200.8	144.0468045	140.8898392	Yes
25.48	2.805	211.4	157.1969778	153.7365936	Yes
25.48	2.549	207.5	151.4788997	148.26899	Yes
25.5	2.573	211.1	156.7157803	155.5585524	Yes
25.53	3.4	197.7	141.484113	140.3314228	Yes
25.54	2.654	204.5	147.8077356	146.0319762	Yes
25.59	2.132	214.2	162.0534901	154.592934	Yes
25.74	2.498	197.3	141.1899582	137.4485808	Yes
25.82	2.531	206.4	150.0639356	149.6272653	Yes
25.8	2.915	198.5	142.096964	138.8619989	Yes
25.81	2.389	208.9	153.4015168	151.350905	Yes
25.86	2.344	212.1	158.3483275	158.5567603	Yes
25.83	2.844	211.2	156.8753741	155.6121176	Yes
25.85	2.727	219.3	172.8296935	167.5146014	Yes
25.9	1.952	217.9	169.5961403	181.1056015	Yes
26.05	2.558	207.7	151.7450728	148.992433	Yes
26.01	2.881	197.6	141.4098131	138.6353406	Yes
26.06	2.949	198.8	142.3353263	143.5282877	Yes
25.98	2.959	212.1	158.3483275	155.6631781	Yes
25.96	2.831	214	161.6837458	160.7603822	Yes
25.97	2.609	216.7	166.9973396	159.9230955	Yes
26.1	2.241	217	167.6326681	170.3714062	Yes
26.1	3.003	216.9	167.4198452	158.1183639	Yes
26.02	3.138	218.9	171.8828066	164.3807365	Yes
26.1	3.178	193.1	138.5750946	136.9780486	Yes
26.13	3.146	210.4	155.6208578	157.3920314	Yes
26.04	3.653	211.6	157.5218261	156.8386981	Yes
26.03	3.084	206.9	150.6969261	149.4465788	Yes
26.05	3.586	214.2	162.0534901	159.5134656	Yes
26.05	3.221	209.1	153.6876994	146.0222334	Yes
26.13	2.259	220.5	175.7860767	176.5274748	Yes
26.18	3.172	220	174.5327325	165.1628877	Yes

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7/28/2019	9:38	26.65	0.91
7/28/2019	9:39	26.69	0.798
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7/28/2019	9:41	26.91	0.667
7/28/2019	9:42	27.04	0.892
7/28/2019	9:43	27.1	0.926
7/28/2019	9:44	27.03	0.854
7/28/2019	9:45	27.06	0.607
7/28/2019	9:46	27.24	0.745
7/28/2019	9:47	27.34	0.953
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7/28/2019	9:49	27.24	0.967
7/28/2019	9:50	27.24	1.108
7/28/2019	9:51	27.19	0.872
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7/28/2019	9:53	27.26	0.734
7/28/2019	9:54	27.27	1.088
7/28/2019	9:55	27.25	0.804
7/28/2019	9:56	27.34	0.739
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7/28/2019	9:58	27.47	1.162
7/28/2019	9:59	27.41	0.769
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7/28/2019	10:08	27.87	0.973
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7/28/2019	10:11	27.88	0.963
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7/28/2019	10:14	28.08	1.183
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7/28/2019	10:16	28.22	0.823
7/28/2019	10:17	28.25	0.957
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7/28/2019	10:25	27.73	0.772
7/28/2019	10:26	27.65	0.677

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202.4	145.5749597	27.67
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212.5	159.0245589	27.9
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225.8	191.2154206	27.71
228.8	190.403504	27.67
239.3	165.8686538	27.57
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227	195.3347893	27.65
236.4	171.4237479	27.67
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216.6	166.7876462	27.89
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208.5	152.8379067	28.67
227.6	194.1193848	28.67
216.2	165.9591491	28.49
217.2	168.0614801	28.33
210.2	155.3150699	28.29
216.9	167.4198452	28.27
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218.7	171.416365	28.36
206.6	150.3151193	28.42
208.3	152.5604335	28.53
215.1	163.7633675	28.6
224	185.5005447	28.66
224.7	187.6599662	28.65
208.2	152.4227699	28.62
208.3	152.5604335	28.61
193.8	138.952495	28.63
205.5	148.9662571	28.58
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219.6	173.55231	28.01
213.7	161.1359522	27.93

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1.517	197.7
1.602	215.6
1.619	226
1.269	197.1
1.577	198.3
1.66	209.8
1.392	233.1
1.724	216.5
1.649	220.4
1.725	231.1
1.692	206.3
1.682	213.3
1.879	231.5
1.494	213.6
1.668	199.2
1.968	197.3
2.106	208.9
1.556	214.6
1.409	218.4
1.402	199.6
1.746	200.8
1.392	205.6
1.415	197.3
1.81	193.6
1.389	217.4
2.086	199.3
2.222	206.1
1.762	201.2
2.096	206.1
1.711	201.6
1.779	202
1.942	201
1.938	198.4
1.474	205.9
1.639	208.7
1.684	212.6
1.821	205.2
1.536	200.9
2.188	190.3
1.827	195
1.299	208.7
1.583	209.5
1.517	199.8
1.529	208
1.273	205.5

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145.0817692	26.46
151.8792052	26.52
162.2397397	26.61
153.9768314	26.79
141.484113	26.91
164.7466785	26.97
191.884056	26.92
141.0459134	26.98
141.9406579	27.13
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144.0468045	27.57
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141.1899582	27.86
138.8423412	27.93
168.49455	27.95
142.7430964	27.81
149.6921424	27.64
144.4152874	27.63
149.6921424	27.62
144.7927354	27.66
145.1792559	27.73
144.2299319	27.78
142.0185516	27.87
149.4475739	27.92
153.1182603	28.02
159.1957351	28.06
148.6120398	28.08
144.1380905	28.01
137.2889944	28.03
139.6529623	27.95
153.1182603	27.85
154.2689366	27.76
143.1641434	27.64
152.1495751	27.53
148.9662571	27.49

1.912	209	153.5442409	26.11	2.523	202.5	145.6753339
2.166	201.9	145.0817692	26.17	2.878	193	138.5230334
2.249	206.3	149.9393426	26.2	2.945	200.6	143.8658923
1.874	212.9	159.7144084	26.24	2.46	205	148.379085
1.68	217.1	167.8465446	26.32	1.944	212.8	159.540656
1.587	212.6	159.1957351	26.45	1.925	206.8	150.5689831
2.012	206.5	150.1891937	26.53	2.278	198.9	142.4158267
1.808	219.5	173.3102392	26.57	2.417	214.1	161.8681603
1.958	227.4	194.7612235	26.56	2.452	222.8	181.9742025
1.522	202.4	145.5749597	26.61	1.937	197.4	141.262737
1.84	204.1	147.3618674	26.73	2.364	199	142.4968525
2.145	211.8	157.8499471	26.78	2.414	209.5	154.2689366
1.665	236	172.2544374	26.8	2.084	233.5	177.8350956
2.232	223.6	184.3010071	26.81	2.606	218.2	170.2702897
2.12	223.4	183.7103804	26.8	2.48	221.5	178.3888034
2.068	235.1	174.1845669	26.76	2.639	230.6	185.2375331
2.048	213.4	160.5962459	26.74	2.441	210.3	155.4675767
1.697	222	179.7400211	26.84	2.455	215.7	164.946271
2.241	235.8	172.6759748	26.87	2.879	231.2	183.6169505
1.814	218.5	170.9545255	26.84	2.278	212.5	159.0245589
1.67	208.9	153.4015168	26.89	2.257	202.1	145.2773166
2.006	207.5	151.4788997	27.01	2.761	199.1	142.5784051
2.353	215.8	165.1468514	26.99	2.808	208.6	152.9777221
1.908	220.8	176.5532489	26.93	2.367	215.7	164.946271
1.736	220.6	176.0405229	26.98	2.151	215	163.5696028
1.736	203.9	147.1426245	27.08	2.156	198.9	142.4158267
1.879	207.1	150.9548471	27.16	2.554	202.9	146.0826775
1.45	212.5	159.0245589	27.24	1.957	211.8	157.8499471
1.521	207.2	151.0848301	27.41	2.05	201.4	144.6028841
2.29	203	146.1859844	27.47	2.643	197.3	141.1899582
1.869	223	182.5470487	27.46	2.301	220	174.5327325
2.465	210.7	156.0853794	27.36	2.872	202.8	145.9799608
2.525	215.5	164.548069	27.22	3.294	207.4	151.3468538
2.1	208.3	152.5604335	27.22	2.758	205.6	149.0856146
2.343	215	163.5696028	27.22	3.021	207.5	151.4788997
2.167	208.9	153.4015168	27.27	2.7	203	146.1859844
1.851	208	152.1495751	27.33	2.556	204	147.2519401
2.033	206.1	149.6921424	27.37	2.668	201.2	144.4152874
2.389	207	150.8255466	27.44	2.849	199.2	142.6604859
1.854	213.7	161.1359522	27.49	2.224	209	153.5442409
1.74	213.4	160.5962459	27.61	2.429	209.8	154.712722
1.994	219.8	174.0400802	27.68	2.502	214.7	162.994021
2.05	208.1	152.2858181	27.72	2.782	206	149.5695304
1.925	209	153.5442409	27.64	2.29	204.6	147.9207527
2.171	198.8	142.3353263	27.67	2.935	191.1	137.6205085
2.08	203	146.1859844	27.6	2.681	197.4	141.262737
1.546	217	167.6326681	27.52	1.994	212.2	158.5161218
1.761	216.2	165.9591491	27.44	2.388	213.2	160.24088
1.951	211	156.5569873	27.33	2.252	206.4	150.0639356
1.674	215.7	164.946271	27.25	2.314	211.9	158.0152438
1.577	208.8	153.2595242	27.24	2.017	206.4	150.0639356

26.16	2.907	208	152.1495751	150.4916186	Yes
26.24	3.289	199.9	143.249962	143.12505	Yes
26.29	3.357	206.6	150.3151193	148.2523788	Yes
26.31	2.931	211.2	156.8753741	155.4141111	Yes
26.38	2.471	217.4	168.49455	160.2434485	Yes
26.5	2.376	210	155.0123664	155.4807297	Yes
26.55	2.839	205.7	149.2056183	144.9160233	Yes
26.59	2.696	219	172.1177686	170.403758	Yes
26.57	2.771	226.9	194.9814553	186.6136444	Yes
26.63	2.424	204.5	147.8077356	146.0706505	Yes
26.72	2.819	207.1	150.9548471	143.6356185	Yes
26.77	3.1	211.8	157.8499471	156.4640412	Yes
26.77	2.285	235.8	172.6759748	176.2714301	Yes
26.76	3.089	222.6	181.4071437	178.0914257	Yes
26.75	2.968	224.8	187.9748679	182.0088967	Yes
26.72	3.024	232.7	179.7716623	177.2936079	Yes
26.7	2.856	216.7	166.9973396	154.9949992	Yes
26.81	2.61	221.3	177.8577632	175.1098008	Yes
26.82	3.255	235.5	173.3161361	177.6353486	Yes
26.79	2.66	219.4	173.0693692	163.8211698	Yes
26.86	2.512	206.5	150.1891937	151.0833351	Yes
26.99	3.048	206.1	149.6921424	147.197876	Yes
26.97	3.401	214.9	163.3767931	157.595081	Yes
26.91	2.775	221.2	177.5942369	167.7728039	Yes
26.96	2.607	219.6	173.55231	172.6563902	Yes
27.07	2.612	205.2	148.6120398	146.074411	Yes
27.16	2.712	208.5	152.8379067	149.9846407	Yes
27.25	2.179	214.5	162.6150149	160.5001609	Yes
27.42	2.276	208.2	152.4227699	149.779353	Yes
27.43	3.383	203.8	147.0339187	144.7640477	Yes
27.4	2.716	224.8	187.9748679	179.923429	Yes
27.3	3.681	209.5	154.2689366	152.6918964	Yes
27.14	3.676	211.9	158.0152438	158.4121364	Yes
27.17	3.281	208	152.1495751	150.3441013	Yes
27.17	3.637	213.8	161.3176459	158.0401225	Yes
27.22	3.383	208.6	152.9777221	151.5620992	Yes
27.27	2.824	209.6	154.4161117	153.999284	Yes
27.3	3.231	207.8	151.8792052	147.1631202	Yes
27.38	3.499	206.1	149.6921424	147.0162544	Yes
27.44	2.733	214.1	161.8681603	156.9727836	Yes
27.57	2.699	212.7	159.3677662	163.4819432	Yes
27.61	2.91	219.6	173.55231	170.9724506	Yes
27.65	2.969	209.7	154.5640391	150.7225395	Yes
27.56	2.797	212.2	158.5161218	149.5408794	Yes
27.62	3.266	197.2	141.1176841	139.0493311	Yes
27.56	3.271	205.2	148.6120398	144.0169852	Yes
27.48	2.295	216.9	167.4198452	167.8749998	Yes
27.39	2.724	216.7	166.9973396	162.9713327	Yes
27.29	2.746	212.9	159.7144084	152.550797	Yes
27.22	2.567	217.7	169.1522337	162.16585	Yes
27.22	2.309	209.8	154.712722	153.3564173	Yes

7/28/2019	10:27	27.63	0.97
7/28/2019	10:28	27.69	1.285
7/28/2019	10:29	27.64	0.933
7/28/2019	10:30	27.7	0.849
7/28/2019	10:31	27.79	0.65
7/28/2019	10:32	27.93	0.667
7/28/2019	10:33	28.14	0.574
7/28/2019	10:34	28.41	0.794
7/28/2019	10:35	28.6	0.703
7/28/2019	10:36	28.68	0.893
7/28/2019	10:37	28.69	0.773
7/28/2019	10:38	28.73	0.888
7/28/2019	10:39	28.75	0.7
7/28/2019	10:40	28.81	0.717
7/28/2019	10:41	28.92	0.733
7/28/2019	10:42	29.01	0.752
7/28/2019	10:43	29.13	0.832
7/28/2019	10:44	29.18	1.109
7/28/2019	10:45	29.12	1.148
7/28/2019	10:46	29.03	1.017
7/28/2019	10:47	29.01	0.607
7/28/2019	10:48	28.98	1.023
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7/28/2019	10:54	28.87	0.441
7/28/2019	10:55	29.03	0.471
7/28/2019	10:56	29.09	0.689
7/28/2019	10:57	29.09	1.014
7/28/2019	10:58	29.08	1.082
7/28/2019	10:59	29.08	0.807
7/28/2019	11:00	29	1.098
7/28/2019	11:01	28.93	1.015
7/28/2019	11:02	28.93	0.638
7/28/2019	11:03	29.02	1.047
7/28/2019	11:04	29.05	0.808
7/28/2019	11:05	29.09	1.14
7/28/2019	11:06	29	1.034
7/28/2019	11:07	28.94	0.787
7/28/2019	11:08	29.15	0.701
7/28/2019	11:09	29.28	1.221
7/28/2019	11:10	29.4	0.928
7/28/2019	11:11	29.47	1.102
7/28/2019	11:12	29.32	0.896
7/28/2019	11:13	29.32	1.02
7/28/2019	11:14	29.32	0.821
7/28/2019	11:15	29.36	1.073
7/28/2019	11:16	29.33	1.282
7/28/2019	11:17	29.26	0.96

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199.6	142.9941199	28.02
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217.2	168.0614801	28.12
229.8	187.4756675	28.31
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203.7	146.9258206	28.9
223.5	184.0049395	29.13
217.8	169.3736382	29.21
236.3	171.6298847	29.17
224.9	188.2914027	29.16
216.3	166.1647422	29.15
219.8	174.0400802	29.2
218	169.8197457	29.32
203.7	146.9258206	29.42
207.7	151.7450728	29.55
203.2	146.3943767	29.62
208.3	152.5604335	29.53
210.9	156.3989918	29.4
209.5	154.2689366	29.39
196.8	140.8336095	29.38
208.1	152.2858181	29.33
205.6	149.0856146	29.46
213.7	161.1359522	29.46
235.4	173.5316387	29.43
240.1	164.4719393	29.13
217.5	168.7126952	29.09
225.5	190.2254851	29.3
227.1	195.6900033	29.36
207.6	151.6116385	29.35
215.9	165.3484246	29.37
197.7	141.484113	29.36
207.2	151.0848301	29.28
194.7	139.4714437	29.21
207.5	151.4788997	29.23
206.1	149.6921424	29.34
208.8	153.2595242	29.37
218.1	170.0444603	29.42
232.1	181.2753983	29.26
222.7	181.6899539	29.13
219	172.1177686	29.38
193.1	138.5750946	29.55
197.4	141.262737	29.69
212.3	158.684756	29.79
204.2	147.4724086	29.65
200.7	143.9560723	29.63
208.3	152.5604335	29.64
211.3	157.0357721	29.67
216.2	165.9591491	29.63
217.3	168.2774801	29.5

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1.549	202.6
1.22	218
1.567	225.3
1.377	208.1
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1.37	207.9
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1.713	198.8
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2.11	192.6
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1.779	194.1
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1.789	190
1.56	199.9
1.542	207.5
1.721	220.5
1.619	231.7
1.08	206.5
1.157	219.7
1.368	210.6
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1.961	190
2.117	197
1.938	189.1
1.603	194.8
2.116	198.6
1.846	197.5
1.864	205.8
1.886	222.9
1.469	207.5
1.374	195.3
2.222	187.4
1.729	186
2.325	195.6
1.857	200.9
2.239	187.9
1.917	197.1
2.008	195.4
2.28	206
2.051	202.6

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145.7762909	28.66
169.8197457	28.62
189.5740787	28.65
152.2858181	28.61
148.1486618	28.63
152.0140384	28.73
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142.3353263	28.87
138.952495	28.87
138.3193881	28.75
141.484113	28.64
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136.949775	28.66
137.171973	28.62
143.249962	28.74
151.4788997	28.76
175.7860767	28.81
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150.1891937	28.64
173.7955882	28.82
155.9297559	28.89
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137.171973	28.77
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142.1758963	28.76
141.3360215	28.8
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144.1380905	29.03
136.4626721	29.03
141.0459134	29.03
139.9016992	29.05
149.5695304	29.02
145.7762909	28.98

2.01	214.1	161.8681603	27.3	2.541	209.1	153.6876994
2.372	201.6	144.7927354	27.39	3.009	196.9	140.9038772
2.085	223.9	185.1983516	27.37	2.6	218.4	170.7253164
1.676	221.8	179.1954466	27.43	2.239	217.2	168.0614801
1.598	215.9	165.3484246	27.53	2.172	211.8	157.8499471
1.477	216.9	167.4198452	27.65	2.009	211.1	156.7157803
1.269	209.1	153.6876994	27.88	1.565	205.6	149.0856146
1.721	204.9	148.2635581	28.12	1.938	201.9	145.0817692
1.493	212.3	158.684756	28.24	2.055	208.6	152.9777221
1.894	211.8	157.8499471	28.27	2.281	205.6	149.0856146
1.677	224.1	185.8042924	28.21	2.069	221.4	178.1226162
1.889	230.3	186.0662962	28.27	2.355	227.1	195.6900033
1.877	211	156.5569873	28.24	2.3	210.4	155.6208578
1.407	212.8	159.540656	28.25	1.749	212.8	159.540656
1.54	211.3	157.0357721	28.34	2.085	209.8	154.712722
1.754	200.9	144.1380905	28.4	2.393	197.7	141.484113
1.78	202.7	145.8778326	28.46	2.538	199.5	142.9099119
2.25	197.7	141.484113	28.46	2.691	193.7	138.8971847
2.401	201.1	144.3223303	28.33	3.084	192.9	138.471433
2.07	206.9	150.6969261	28.23	2.806	202.7	145.8778326
1.928	198.1	141.786421	28.28	2.535	194.3	139.23608
2.527	196.9	140.9038772	28.27	3.547	188.3	136.5830783
1.919	198.3	141.9406579	28.22	2.604	192.3	138.1714606
1.846	207.5	151.4788997	28.32	2.405	205.4	148.8475437
1.823	215	163.5696028	28.36	2.296	211.6	157.5218261
1.921	228.1	192.5433417	28.43	2.536	223.9	185.1983516
1.973	235.7	172.8883094	28.27	2.627	231.8	182.0442679
1.27	215.1	163.7633675	28.32	1.66	211.5	157.3589946
1.276	223.9	185.1983516	28.51	1.727	221.5	178.3888034
1.613	215.5	164.548069	28.58	2.044	215.8	165.1468514
2.093	199.9	143.249962	28.49	2.503	192.3	138.1714606
2.705	200.5	143.7762629	28.46	3.245	190.8	137.4928614
2.139	191.5	137.796957	28.43	2.864	188.9	136.7766005
2.689	204	147.2519401	28.34	3.239	196.7	140.7638403
2.324	195.6	140.0289626	28.26	3.019	190.2	137.249547
1.788	199.9	143.249962	28.29	2.291	195.9	140.2234999
2.251	203.9	147.1426245	28.45	3.117	198.4	142.0185516
1.994	203.9	147.1426245	28.48	2.811	198.7	142.25535
2.31	213.1	160.0645165	28.5	2.853	208	152.1495751
2.297	229.4	188.6290418	28.44	2.991	221.8	179.1954466
1.629	214.5	162.6150149	28.42	2.301	210.5	155.7749165
1.609	204.9	148.2635581	28.68	2.08	197.2	141.1176841
2.519	194	139.0645196	28.8	3.157	188.7	136.7103661
2.352	189.3	136.9142707	28.88	2.667	184.6	135.7284098
2.522	202.3	145.4751667	28.88	3.402	197.7	141.484113
2.119	205.8	149.3262707	28.69	2.812	200.7	143.9560723
2.694	197.6	141.4098131	28.68	3.332	192.2	138.1230627
2.158	204.4	147.6953406	28.67	3.005	197.8	141.5589225
2.321	201.2	144.4152874	28.69	3.084	196.9	140.9038772
2.413	214	161.6837458	28.68	3.279	207.2	151.0848301
2.268	208.8	153.2595242	28.66	3.021	203.9	147.1426245

27.28	3.077	215.7	164.946271	165.0641065	Yes
27.35	3.741	204.4	147.6953406	141.952992	Yes
27.33	3.083	221	177.0711342	176.9002753	Yes
27.39	2.559	221.2	177.5942369	175.9715776	Yes
27.47	2.483	217.3	168.2774801	161.3821971	Yes
27.59	2.184	216.6	166.7876462	165.7066978	Yes
27.82	1.987	211.8	157.8499471	150.330665	Yes
28.02	2.496	207.6	151.6116385	145.7123882	Yes
28.12	2.403	212.9	159.7144084	161.2484221	Yes
28.14	2.704	211	156.5569873	155.5213727	Yes
28.08	2.382	225.8	191.2154206	176.3441348	Yes
28.13	2.681	231	184.1517432	189.9054452	Yes
28.09	2.799	211.3	157.0357721	157.6571013	Yes
28.12	2.057	215.9	165.3484246	160.3175135	Yes
28.2	2.46	210.6	155.9297559	158.3955696	Yes
28.27	2.795	203	146.1859844	142.9752094	Yes
28.32	2.899	203.7	146.9258206	145.7170359	Yes
28.32	3.324	197.6	141.4098131	141.4320424	Yes
28.17	3.802	199.5	142.9099119	143.4183962	Yes
28.11	3.26	209.7	154.5640391	148.6144659	Yes
28.16	3.17	201.7	144.8885107	143.6031683	Yes
28.16	3.91	196.9	140.9038772	138.817585	Yes
28.12	3.015	200.2	143.5106627	142.3924774	Yes
28.21	2.793	211.1	156.7157803	148.165505	Yes
28.23	2.69	218.3	170.4972397	158.4265702	Yes
28.28	2.949	227.9	193.1689136	181.7648522	Yes
28.1	2.964	234.9	174.6252563	175.4269097	Yes
28.19	1.878	214.5	162.6150149	160.0060627	Yes
28.35	2.014	224.6	187.3466876	181.9020571	Yes
28.43	2.356	219.6	173.55231	170.3286699	Yes
28.36	3.039	199.2	142.6604859	142.8761235	Yes
28.33	4.161	199.9	143.249962	145.986608	Yes
28.32	3.482	192.9	138.471433	138.3074109	Yes
28.23	4.087	203	146.1859844	145.0188138	Yes
28.17	3.522	197.5	141.3360215	138.3986301	Yes
28.22	2.847	201.9	145.0817692	143.6209585	Yes
28.36	3.696	204.1	147.3618674	145.2573037	Yes
28.37	3.103	204.1	147.3618674	145.9983801	Yes
28.36	3.597	213.9	161.5002424	157.8962056	Yes
28.29	3.442	226.3	192.9002508	182.8399462	Yes
28.28	2.607	214.8	163.184934	162.8896963	Yes
28.55	2.356	201.8	144.9848547	150.3344509	Yes
28.66	3.77	196.2	140.4224336	137.6679441	Yes
28.75	3.5	192.4	138.2203136	137.4723172	Yes
28.75	3.829	202.2	145.3759529	146.4182496	Yes
28.55	3.424	206.8	150.5689831	146.2232105	Yes
28.55	3.971	199.1	142.5784051	139.9879051	Yes
28.55	3.401	203.9	147.1426245	145.7151525	Yes
28.57	3.608	203.1	146.2898835	145.564159	Yes
28.56	3.741	214	161.6837458	157.0743138	Yes
28.55	3.459	208.8	153.2595242	153.6139799	Yes

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7/28/2019	11:27	29.25	0.893
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7/28/2019	11:36	29.42	0.666
7/28/2019	11:37	29.58	1.087
7/28/2019	11:38	29.53	1.389
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7/28/2019	11:46	29.62	1.173
7/28/2019	11:47	29.68	0.647
7/28/2019	11:48	29.67	0.906
7/28/2019	11:49	29.63	0.553
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7/28/2019	11:51	29.64	0.971
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7/28/2019	11:53	29.73	1.005
7/28/2019	11:54	29.73	0.858
7/28/2019	11:55	29.76	0.759
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7/28/2019	12:04	29.48	0.737
7/28/2019	12:05	29.5	0.967
7/28/2019	12:06	29.54	0.977
7/28/2019	12:07	29.55	0.796
7/28/2019	12:08	29.58	0.988

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209.6	154.4161117	29.71
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220.8	176.5532489	29.38
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236	172.2544374	29.15
228.2	192.2329492	29.17
224.6	187.3466876	29.27
230.4	185.7886529	29.48
235.6	173.1016948	29.45
229.4	188.6290418	29.5
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209	153.5442409	29.51
210.3	155.4675767	29.6
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223	182.5470487	29.66
195.9	140.2234999	29.72
213.4	160.5962459	29.82
243.5	159.1263255	29.8
229.5	188.3385084	29.72
236.2	171.8370419	29.78
220.3	175.2809825	29.7
213.4	160.5962459	29.76
204.6	147.9207527	29.83
209.4	154.1225109	29.84
203	146.1859844	29.87
205.3	148.729472	29.93
216.9	167.4198452	29.89
214.3	162.2397397	29.81
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213	159.8890273	29.63
212.8	159.540656	29.63
218	169.8197457	29.6
211.8	157.8499471	29.68
217.8	169.3736382	29.7
219	172.1177686	29.73
211.5	157.3589946	29.72
237.9	168.4508857	29.73

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1.803	200.4
2.071	214
2.056	216.1
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1.591	220.1
1.369	216.1
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1.906	198.8
2.133	194.2
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1.883	220.1
1.986	209
1.774	220.3
2.071	206.5
2.159	185.9
1.564	203.5
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1.935	196.5
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143.6871825	28.98
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165.7545685	28.8
184.5985921	28.8
160.5962459	28.83
166.3713526	28.94
166.5789856	29.16
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142.3353263	29.09
139.1784222	29.17
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174.7809062	29.33
153.5442409	29.25
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150.1891937	29.28
135.9628798	29.32
146.7114396	29.38
183.0874794	29.42
183.7103804	29.42
176.5532489	29.49
158.684756	29.36
150.0639356	29.4
142.25535	29.42
145.7762909	29.41
139.1784222	29.46
139.7144254	29.49
147.4724086	29.41
142.9099119	29.34
138.0751192	29.25
138.6806025	29.18
140.6257933	29.18
147.9207527	29.2
145.5749597	29.18
142.096964	29.29
143.1641434	29.31
147.8077356	29.35
150.1891937	29.34
191.2154206	29.37

2.696	206.1	149.6921424	28.74	3.134	199.8	143.1641434
2.429	207.8	151.8792052	28.71	3.266	199.9	143.249962
2.153	214.4	162.4269132	28.62	2.968	208.9	153.4015168
1.786	204.1	147.3618674	28.75	2.388	198	141.7100752
2.101	207.8	151.8792052	28.92	2.752	203.2	146.3943767
1.711	217.9	169.5961403	28.82	2.239	211.6	157.5218261
2.142	210.7	156.0853794	28.79	2.69	206.4	150.0639356
2.388	211.3	157.0357721	28.77	2.922	203.6	146.8183282
2.389	215.4	164.3504379	28.7	3.185	210.2	155.3150699
2.283	212.3	158.684756	28.66	3.125	207.2	151.0848301
2.049	208.7	153.1182603	28.7	2.527	202	145.1792559
2.506	220.3	175.2809825	28.69	3.286	212.8	159.540656
2.499	223.4	183.7103804	28.57	3.176	217.7	169.1522337
2.292	227.6	194.1193848	28.59	3.046	223	182.5470487
2.4	223.1	182.8356637	28.63	2.98	215.6	164.7466785
1.695	224.3	186.4164902	28.74	1.983	218.8	171.6490075
1.934	225.8	191.2154206	28.96	2.484	222.1	180.0143756
2.084	228.7	190.7045403	28.86	2.517	223.5	184.0049395
1.742	224.8	187.9748679	28.96	2.148	218.4	170.7253164
2.453	212.8	159.540656	29.14	3.08	206.5	150.1891937
2.851	201.9	145.0817692	29	3.72	196.6	140.6945686
2.185	208	152.1495751	28.82	2.83	203.7	146.9258206
2.476	201.8	144.9848547	28.91	3.032	197.7	141.484113
1.761	214.2	162.0534901	28.99	2.383	209.8	154.712722
2.134	228.1	192.5433417	29.06	2.861	223.1	182.8356637
2.196	217.6	168.9319213	28.98	2.973	211.7	157.6854758
2.094	224.5	187.035022	29.05	2.8	221.8	179.1954466
2.282	216.5	166.5789856	29.03	2.982	209	153.5442409
2.531	195	139.6529623	29.05	3.239	189.9	137.1338452
1.785	210.4	155.6208578	29.1	2.393	207.7	151.7450728
2.365	239.2	166.0471971	29.17	3.258	232.2	181.0216499
1.567	234.4	175.7462142	29.2	2.013	230	186.9076557
1.799	225	188.6095808	29.3	2.449	221.5	178.3888034
2.421	216.8	167.2080708	29.15	3.153	211	156.5569873
1.711	215.1	163.7633675	29.16	2.236	209.9	154.8621634
2.586	207.4	151.3468538	29.16	3.226	199.9	143.249962
2.202	209	153.5442409	29.15	2.747	203.4	146.6051528
2.332	203.1	146.2898835	29.2	2.972	196.7	140.7638403
2.09	202	145.1792559	29.23	2.598	194.1	139.1212357
2.026	212.1	158.3483275	29.15	2.912	204.8	148.1486618
2.485	204.8	148.1486618	29.08	3.004	200.7	143.9560723
2.623	200	143.3363204	28.98	3.341	195.7	140.0933217
2.576	201.1	144.3223303	28.92	3.311	193.2	138.6276173
2.129	205.4	148.8475437	28.94	2.799	196.9	140.9038772
1.949	208.4	152.6988115	28.96	2.693	204.8	148.1486618
2.27	211.2	156.8753741	28.95	2.922	204.7	148.034394
1.942	208	152.1495751	29.06	2.593	201.1	144.3223303
2.297	204.1	147.3618674	29.09	2.882	197.4	141.262737
2.09	215.5	164.548069	29.13	2.501	208.8	153.2595242
1.724	214.3	162.2397397	29.1	2.251	209.6	154.4161117
2.274	233	179.0364331	29.14	2.9	228.6	191.0071128

28.63	3.867	205.3	148.729472	148.4967935	Yes
28.59	3.888	205.6	149.0856146	151.9865119	Yes
28.51	3.208	214.6	162.8040494	166.0631668	Yes
28.64	2.795	206	149.5695304	147.0026245	Yes
28.79	3.143	208.5	152.8379067	148.8375449	Yes
28.69	2.703	217.2	168.0614801	166.1364713	Yes
28.66	3.345	211.8	157.8499471	153.9570421	Yes
28.63	3.549	210.1	155.1633342	154.5104906	Yes
28.53	3.705	215.9	165.3484246	161.4628256	Yes
28.5	3.587	212.2	158.5161218	158.7337187	Yes
28.56	3.085	208.2	152.4227699	150.3813387	Yes
28.56	3.836	218.5	170.9545255	168.7904292	Yes
28.45	3.439	222.6	181.4071437	177.1802943	Yes
28.5	3.347	227.1	195.6900033	183.3798658	Yes
28.52	3.376	220.5	175.7860767	175.1028843	Yes
28.62	2.48	222.2	180.290119	177.9458845	Yes
28.8	2.902	226.3	192.9002508	180.8993587	Yes
28.69	3.087	227.4	194.7612235	180.6480202	Yes
28.81	2.543	223	182.5470487	178.2709486	Yes
28.98	3.571	211.6	157.5218261	160.8993584	Yes
28.85	4.241	203.5	146.7114396	145.1781399	Yes
28.71	3.257	210.2	155.3150699	148.7387407	Yes
28.79	3.716	203.7	146.9258206	145.2787417	Yes
28.87	2.84	214.1	161.8681603	160.3721688	Yes
28.9	3.282	227.5	194.4394783	179.7005496	Yes
28.8	3.472	217.2	168.0614801	164.3734169	Yes
28.9	3.053	225.3	189.5740787	181.1497326	Yes
28.88	3.334	214.5	162.6150149	163.2148672	Yes
28.93	3.802	197.5	141.3360215	138.2432968	Yes
28.97	2.873	215	163.5696028	153.668404	Yes
29	3.676	235.9	172.4646859	172.320663	Yes
29.05	2.302	233	179.0364331	183.6756897	Yes
29.14	2.594	224	185.5005447	178.8471688	Yes
28.98	3.626	217.5	168.7126952	164.4326992	Yes
29.04	2.693	214.6	162.8040494	157.3214281	Yes
29.01	3.956	207.7	151.7450728	146.1932296	Yes
29	3.318	209.3	153.9768314	150.0120488	Yes
29.07	3.464	204.3	147.5835656	143.1045326	Yes
29.13	3.289	200.3	143.5986496	143.1860972	Yes
29.04	3.201	210	155.0123664	155.3473108	Yes
28.97	3.867	207	150.8255466	149.3135964	Yes
28.86	4.136	201.9	145.0817692	145.3047924	Yes
28.83	3.787	200.6	143.8658923	142.8614906	Yes
28.87	3.164	203.4	146.6051528	147.5665604	Yes
28.89	3.302	210.8	156.2417902	152.0772205	Yes
28.86	3.407	209.2	153.8318952	155.0761184	Yes
28.98	2.978	206.9	150.6969261	149.1047041	Yes
29	3.365	204.8	148.1486618	150.2905965	Yes
29.02	3.117	215.1	163.7633675	159.4332744	Yes
29	2.569	215.6	164.7466785	156.0510099	Yes
29.02	3.359	232.9	179.2802945	182.4274631	Yes

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7/28/2019	12:12	29.87	1.026
7/28/2019	12:13	29.92	0.877
7/28/2019	12:14	29.99	0.776
7/28/2019	12:15	30.08	1.168
7/28/2019	12:16	30.04	1.214
7/28/2019	12:17	29.9	1.512
7/28/2019	12:18	29.77	0.827
7/28/2019	12:19	29.83	1.211
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7/28/2019	12:21	29.88	1.337
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7/28/2019	12:24	29.75	1.172
7/28/2019	12:25	29.77	1.079
7/28/2019	12:26	29.85	1.288
7/28/2019	12:27	29.76	1.144
7/28/2019	12:28	29.7	1.197
7/28/2019	12:29	29.73	0.817
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7/28/2019	12:31	29.84	0.783
7/28/2019	12:32	29.96	0.68
7/28/2019	12:33	30.08	0.505
7/28/2019	12:34	30.15	0.815
7/28/2019	12:35	30.19	1.109
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7/28/2019	12:46	30.34	1.244
7/28/2019	12:47	30.25	0.839
7/28/2019	12:48	30.28	0.637
7/28/2019	12:49	30.29	0.807
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7/28/2019	12:52	30.26	0.888
7/28/2019	12:53	30.28	0.927
7/28/2019	12:54	30.32	0.818
7/28/2019	12:55	30.37	1.103
7/28/2019	12:56	30.38	0.789
7/28/2019	12:57	30.47	0.632
7/28/2019	12:58	30.46	0.732
7/28/2019	12:59	30.59	0.843

239.7	165.1633188	29.56
219.3	172.8296935	29.62
208.1	152.2858181	29.84
210.3	155.4675767	30.03
218.5	170.9545255	30.08
208.2	152.4227699	30.16
192.3	138.1714606	30.26
211.4	157.1969778	30.22
210.2	155.3150699	30.07
220.9	176.811543	29.9
209.3	153.9768314	29.98
211	156.5569873	30.05
213	159.8890273	30.06
227.4	194.7612235	29.96
210.2	155.3150699	29.87
222.1	180.0143756	29.86
209.6	154.4161117	29.91
210.9	156.3989918	30.02
218.3	170.4972397	29.9
213.4	160.5962459	29.84
210.3	155.4675767	29.86
223.4	183.7103804	29.94
221.5	178.3888034	29.94
216.1	165.7545685	30.07
226.3	192.9002508	30.21
214.3	162.2397397	30.27
218.9	171.8828066	30.31
220.2	175.0303206	30.24
210.1	155.1633342	30.25
208.8	153.2595242	30.28
215.6	164.7466785	30.39
227.7	193.8009328	30.48
219.1	172.3538995	30.47
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201	144.2299319	30.67
200.6	143.8658923	30.68
191.1	137.6205085	30.65
201.4	144.6028841	30.48
201	144.2299319	30.38
202.1	145.2773166	30.45
213.5	160.7752562	30.48
203.3	146.4994658	30.54
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211.1	156.7157803	30.4
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220.3	175.2809825	30.46
210.8	156.2417902	30.51
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219.2	172.5912057	30.59
217.3	168.2774801	30.53
202.5	145.6753339	30.68

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2.472	200
1.876	200.9
1.876	197.5
2.093	195.7
2.114	199.9
2.431	210.9
2.199	199.1
2.204	200.8
2.023	192.7
2.526	202
2.547	198.7
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1.781	203.7
1.796	208.5
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1.44	205.3
1.407	205.8
1.829	206.1
2.162	202.6
1.917	210.3
1.914	194.2
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1.407	207.1
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1.685	195.5
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2	198.9
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140.4224336	29.87
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150.3151193	30.09
142.4158267	29.91
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139.6529623	30.09
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153.2595242	30.19
152.9777221	30.15
136.2423866	30.26

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1.701	215.8	165.1468514	29.19	2.318	210.6	155.9297559
1.782	202.3	145.4751667	29.35	2.452	196.5	140.6257933
2.22	205.9	149.4475739	29.46	2.842	199.4	142.8262379
1.977	213.6	160.955157	29.41	2.505	209.3	153.9768314
1.723	203.6	146.8183282	29.49	2.41	197.1	141.0459134
2.412	193.1	138.5750946	29.53	3.124	185.3	135.8458714
2.381	203.4	146.6051528	29.44	3.264	197.7	141.484113
3.019	207.8	151.8792052	29.27	3.77	201.7	144.8885107
1.994	208.4	152.6988115	29.22	2.754	200.5	143.7762629
2.358	203.6	146.8183282	29.35	2.889	198.8	142.3353263
2.455	201.8	144.9848547	29.4	3.107	197.1	141.0459134
2.656	208	152.1495751	29.37	3.206	201.7	144.8885107
2.727	217.3	168.2774801	29.3	3.599	210.6	155.9297559
2.266	204.2	147.4724086	29.27	3.383	199.3	142.7430964
2.735	209.3	153.9768314	29.24	3.502	202.4	145.5749597
2.357	199.5	142.9099119	29.28	3.01	193.4	138.734051
2.632	206.8	150.5689831	29.4	3.744	202.2	145.3759529
3.048	207.3	151.2154981	29.26	3.822	199.6	142.9941199
2.787	209.7	154.5640391	29.18	3.51	205	148.379085
2.19	210.3	155.4675767	29.25	2.737	205.8	149.3262707
2.286	220	174.5327325	29.34	2.689	213.9	161.5002424
2.083	216.9	167.4198452	29.35	2.678	213	159.8890273
1.726	209.2	153.8318952	29.47	2.155	204.1	147.3618674
1.671	218.4	170.7253164	29.59	2.04	210.7	156.0853794
2.192	213.4	160.5962459	29.66	2.878	207	150.8255466
2.601	211.4	157.1969778	29.72	3.324	204.3	147.5835656
2.222	217.8	169.3736382	29.59	2.95	211	156.5569873
2.262	202.9	146.0826775	29.61	2.822	196.2	140.4224336
2.228	204.3	147.5835656	29.63	2.823	197.1	141.0459134
1.714	214.3	162.2397397	29.77	2.167	205.8	149.3262707
2	220.4	175.5328989	29.85	2.634	213.9	161.5002424
1.598	220.2	175.0303206	29.88	2.101	215.9	165.3484246
2.146	200.8	144.0468045	29.97	2.665	193.7	138.8971847
2.416	199.6	142.9941199	29.97	2.986	195.1	139.7144254
2.507	196.5	140.6257933	29.92	3.128	190.1	137.21054
3.028	187.6	136.3768654	29.86	3.931	182.3	135.4859439
3.07	197.6	141.4098131	29.62	3.779	191.6	137.8421902
2.085	191.6	137.8421902	29.52	2.919	187.2	136.2684311
1.935	200.2	143.5106627	29.64	2.572	193.7	138.8971847
1.901	202.2	145.3759529	29.71	2.567	198.7	142.25535
2.442	196.1	140.355632	29.79	3.338	190.2	137.249547
2.506	211.9	158.0152438	29.84	3.166	207.9	152.0140384
2.381	204.2	147.4724086	29.65	3.303	199.9	143.249962
2.364	193.9	139.008273	29.69	3.039	186.9	136.1915717
2.273	217.6	168.9319213	29.75	2.746	211.9	158.0152438
2.478	201.2	144.4152874	29.85	2.844	195.8	140.1581671
2.376	213.5	160.7752562	29.88	2.998	208.2	152.4227699
1.834	214.6	162.8040494	29.96	2.451	209.1	153.6876994
1.685	217.3	168.2774801	29.91	2.253	211	156.5569873
2.336	188	136.4921301	30.03	2.835	184.2	135.6704665

28.94	3.263	237.3	169.6136358	176.4883932	Yes
29.07	2.618	216.1	165.7545685	162.2674087	Yes
29.23	2.918	202.4	145.5749597	144.7023029	Yes
29.34	3.203	205.8	149.3262707	147.0917955	Yes
29.29	3.039	213	159.8890273	159.1780151	Yes
29.37	2.659	201.9	145.0817692	145.5763908	Yes
29.42	3.632	193	138.5230334	137.2353861	Yes
29.35	3.687	203.6	146.8183282	146.9661622	Yes
29.17	4.494	209.4	154.1225109	148.8547765	Yes
29.15	3.028	206.9	150.6969261	154.356177	Yes
29.29	3.522	206.1	149.6921424	146.1166269	Yes
29.32	3.679	203	146.1859844	145.6702693	Yes
29.29	3.778	207.3	151.2154981	150.0442688	Yes
29.19	4.309	217.3	168.2774801	168.8418628	Yes
29.18	3.621	204.3	147.5835656	147.027245	Yes
29.13	4.038	209.7	154.5640391	155.9032428	Yes
29.2	3.461	201.1	144.3223303	143.6074214	Yes
29.31	4.015	209.5	154.2689366	149.3807959	Yes
29.16	4.443	206.7	150.441715	151.7405519	Yes
29.09	4.148	211.6	157.5218261	151.8513156	Yes
29.17	3.193	212.5	159.0245589	151.7968112	Yes
29.25	3.379	219.7	173.7955882	168.1453155	Yes
29.24	3.122	217.2	168.0614801	165.0284469	Yes
29.38	2.612	210.7	156.0853794	153.9194508	Yes
29.49	2.5	215.7	164.946271	167.2593043	Yes
29.55	3.293	213.8	161.3176459	155.8384186	Yes
29.61	3.819	207.8	151.8792052	155.6099102	Yes
29.47	3.318	215.8	165.1468514	164.1071307	Yes
29.51	3.433	203.4	146.6051528	145.2117169	Yes
29.55	3.321	202.6	145.7762909	145.5778592	Yes
29.69	2.617	213.8	161.3176459	156.816884	Yes
29.72	2.938	219.5	173.3102392	172.4646583	Yes
29.76	2.32	218.4	170.7253164	168.8841735	Yes
29.87	3.246	199.4	142.8262379	142.7074577	Yes
29.87	3.527	204.4	147.6953406	141.1726625	Yes
29.84	3.723	199.2	142.6604859	139.7987717	Yes
29.78	4.648	190.8	137.4928614	136.2340612	Yes
29.54	4.7	198.7	142.25535	140.2377609	Yes
29.47	3.437	195.5	139.9650888	138.6268384	Yes
29.59	3.262	201	144.2299319	141.6874209	Yes
29.65	2.944	203.8	147.0339187	147.7055965	Yes
29.73	3.665	196.5	140.6257933	140.3684645	Yes
29.77	3.854	212.8	159.540656	158.5961204	Yes
29.57	3.658	205.1	148.4952449	147.4634944	Yes
29.63	3.663	195.4	139.9016992	137.9689204	Yes
29.67	3.389	217.6	168.9319213	163.4599465	Yes
29.77	3.431	201.1	144.3223303	145.1170517	Yes
29.8	3.582	214.4	162.4269132	159.3416627	Yes
29.87	2.91	214	161.6837458	160.5856197	Yes
29.81	2.538	215.2	163.9580918	161.5224174	Yes
29.96	3.546	190.9	137.5349652	138.5200793	Yes

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7/28/2019	13:03	30.52	1.041
7/28/2019	13:04	30.45	0.957
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7/28/2019	13:06	30.44	0.883
7/28/2019	13:07	30.42	0.714
7/28/2019	13:08	30.45	1.268
7/28/2019	13:09	30.38	1.051
7/28/2019	13:10	30.36	1.285
7/28/2019	13:11	30.36	1.063
7/28/2019	13:12	30.4	1.032
7/28/2019	13:13	30.46	0.665
7/28/2019	13:14	30.54	1.083
7/28/2019	13:15	30.53	1.33
7/28/2019	13:16	30.4	1.113
7/28/2019	13:17	30.35	0.882
7/28/2019	13:18	30.26	1.099
7/28/2019	13:19	30.27	0.978
7/28/2019	13:20	30.36	0.847
7/28/2019	13:21	30.3	1.106
7/28/2019	13:22	30.18	1.114
7/28/2019	13:23	29.96	1.512
7/28/2019	13:24	29.91	1.248
7/28/2019	13:25	30.04	0.733
7/28/2019	13:26	30.22	1.348
7/28/2019	13:27	30.25	0.984
7/28/2019	13:28	30.32	1.042
7/28/2019	13:29	30.38	1.277
7/28/2019	13:30	30.44	0.971
7/28/2019	13:31	30.48	1.167
7/28/2019	13:32	30.49	1.354
7/28/2019	13:33	30.52	1.105
7/28/2019	13:34	30.62	1.362
7/28/2019	13:35	30.62	0.919
7/28/2019	13:36	30.56	1.159
7/28/2019	13:37	30.48	1.623
7/28/2019	13:38	30.43	1.038
7/28/2019	13:39	30.42	0.997
7/28/2019	13:40	30.49	1.014
7/28/2019	13:41	30.55	1.123
7/28/2019	13:42	30.53	1.264
7/28/2019	13:43	30.57	0.706
7/28/2019	13:44	30.62	0.74
7/28/2019	13:45	30.76	1.229
7/28/2019	13:46	30.83	1.022
7/28/2019	13:47	30.81	0.703
7/28/2019	13:48	30.9	0.883
7/28/2019	13:49	31.1	1.017
7/28/2019	13:50	31.11	0.837

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196.5	140.6257933	30.56
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190	137.171973	30.57
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193.5	138.7879636	30.5
193.7	138.8971847	30.57
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191	137.577514	30.74
191	137.577514	30.73
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218.9	171.8828066	30.42
212.2	158.5161218	30.27
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221.5	178.3888034	30.42
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191.5	137.796957	30.87
179.5	135.4859439	30.81
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211.8	157.8499471	30.66
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2.161	185.2
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2.082	201.1
2.321	203.2
2.357	201.6
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2.108	180.7
1.704	190.3
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1.816	190.9
1.787	193.3
2.192	199.5

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137.21054	30.01
136.1915717	30.01
136.1915717	30.02
136.949775	30.08
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147.6953406	29.99
141.6342428	29.98
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151.7450728	30.02
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157.5218261	29.7
136.743267	29.66
138.2696225	29.83
137.1338452	30.03
159.540656	30.03
146.2898835	30.09
137.2889944	30.12
137.249547	30.17
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136.1185285	30.24
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135.5745369	30.35
136.5523328	30.28
135.8278372	30.19
141.6342428	30.15
141.1899582	30.16
144.3223303	30.24
146.3943767	30.26
144.7927354	30.22
145.5749597	30.25
144.2299319	30.32
135.4463252	30.49
137.2889944	30.55
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137.5349652	30.61
138.6806025	30.84
142.9099119	30.84

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2.529	205.8	149.3262707	29.96	3.114	198.9	142.4158267
2.672	191.2	137.6639493	29.93	3.503	185.4	135.8643244
2.489	204.2	147.4724086	29.85	3.27	201.2	144.4152874
2.55	195	139.6529623	29.76	3.343	189.3	136.9142707
2.333	196.4	140.557513	29.74	2.894	191.4	137.7521729
2.304	211.6	157.5218261	29.77	3.13	203.8	147.0339187
1.923	201.3	144.5088047	29.77	2.692	194.4	139.2942101
2.953	188.9	136.7766005	29.84	3.579	183.8	135.6191797
2.636	196.2	140.4224336	29.78	3.619	191.5	137.796957
2.667	193.5	138.7879636	29.79	3.245	189.4	136.949775
2.37	192.4	138.2203136	29.8	2.981	184.7	135.7439374
2.461	194.2	139.1784222	29.87	3.439	185.3	135.8458714
1.937	191.2	137.6639493	29.92	2.623	188.3	136.5830783
2.549	189.3	136.9142707	30.01	3.273	182.6	135.5051412
2.908	191.5	137.796957	29.98	3.98	186.8	136.1668004
2.979	191.8	137.9340071	29.82	3.855	185.4	135.8643244
2.12	212	158.1813694	29.84	3.207	203.4	146.6051528
2.713	211.5	157.3589946	29.81	3.496	203.9	147.1426245
2.253	204.7	148.034394	29.78	2.61	196.6	140.6945686
2.379	210.5	155.7749165	29.89	3.087	206.7	150.441715
2.468	217	167.6326681	29.84	3.233	207.6	151.6116385
3.21	213.7	161.1359522	29.71	4.129	205.5	148.9662571
3.394	218.6	171.184873	29.57	4.584	210.5	155.7749165
2.949	194.6	139.411891	29.53	3.674	189.3	136.9142707
1.796	197.2	141.1176841	29.69	2.462	191.2	137.6639493
3.16	194.4	139.2942101	29.89	3.634	189.3	136.9142707
2.39	218.2	170.2702897	29.87	3.125	212.6	159.1957351
2.54	209.3	153.9768314	29.93	3.041	202.7	145.8778326
2.974	199.7	143.0788632	29.94	3.964	191.3	137.7078372
2.524	197.8	141.5589225	29.99	3.078	190.7	137.4512019
3.058	191.6	137.8421902	30.01	3.571	187.8	136.4336422
2.791	189.2	136.8792016	30	3.743	183.6	135.5960285
2.506	189.6	137.0220917	30.05	3.257	185.2	135.8278372
2.64	188.8	136.743267	30.18	3.295	182.5	135.4983288
2.603	187.4	136.3217962	30.15	3.231	178.6	135.5547035
3.01	181.3	135.4488008	30.08	3.977	173.8	136.4921301
3.205	185.4	135.8643244	29.99	3.747	179	135.5200067
2.547	199.2	142.6604859	29.95	3.421	195.2	139.7763685
2.43	200.5	143.7762629	29.99	3.281	197.1	141.0459134
2.357	207.2	151.0848301	30.07	3.094	200.4	143.6871825
2.63	208.4	152.6988115	30.09	3.338	202.7	145.8778326
2.817	210.3	155.4675767	30.04	3.574	202.8	145.9799608
2.057	210.1	155.1633342	30.06	2.908	203.5	146.7114396
2.038	207.3	151.2154981	30.13	2.619	200.8	144.0468045
2.673	186.4	136.0719483	30.32	3.133	178.2	135.5960285
2.087	196	140.2893212	30.36	2.618	188.7	136.7103661
1.858	196	140.2893212	30.29	2.298	189.1	136.8445673
2.158	195.7	140.0933217	30.38	2.52	189.8	137.0961561
2.149	198.3	141.9406579	30.64	2.539	194	139.0645196
2.454	206.1	149.6921424	30.64	3.099	199.8	143.1641434

29.99	3.745	200.6	143.8658923	140.1928615	Yes
29.88	3.686	204.9	148.2635581	148.5708784	Yes
29.87	3.992	193.6	138.8423412	137.9605012	Yes
29.76	3.715	206.7	150.441715	147.0778409	Yes
29.67	4.003	197.8	141.5589225	138.5537795	Yes
29.68	3.41	197.5	141.3360215	139.8950033	Yes
29.69	3.582	210.9	156.3989918	155.7874978	Yes
29.7	3.029	201	144.2299319	145.4691155	Yes
29.79	4.28	190.6	137.4099861	136.2760701	Yes
29.75	3.939	198.2	141.8632814	140.5620647	Yes
29.74	3.965	196.8	140.8336095	137.6392319	Yes
29.79	3.563	190.5	137.3692134	137.2359466	Yes
29.87	3.887	192.5	138.2696225	137.7178133	Yes
29.93	2.941	192.3	138.1714606	138.0008268	Yes
30.03	3.838	190.4	137.328883	136.4561908	Yes
29.98	4.457	192.7	138.3696112	137.0711346	Yes
29.81	4.457	192.8	138.4202926	138.4366608	Yes
29.84	2.966	206.8	150.5689831	158.502853	Yes
29.78	4.064	210.7	156.0853794	153.243054	Yes
29.75	3.272	205.6	149.0856146	144.6566909	Yes
29.84	3.498	212.6	159.1957351	154.3856696	Yes
29.77	3.75	213.2	160.24088	160.7180465	Yes
29.63	4.867	211.8	157.8499471	154.396147	Yes
29.52	5.037	215.6	164.7466785	167.8016437	Yes
29.5	4.234	197	140.9746448	139.7368153	Yes
29.69	2.863	196.4	140.557513	138.4163775	Yes
29.87	4.647	197	140.9746448	138.9194131	Yes
29.81	3.513	216.7	166.9973396	166.8488711	Yes
29.87	3.573	209.8	154.712722	152.6731541	Yes
29.88	4.418	201.7	144.8885107	141.7012917	Yes
29.95	3.755	199.2	142.6604859	140.6897843	Yes
29.96	4.416	194.7	139.4714437	137.4591096	Yes
29.97	4.23	191.2	137.6639493	136.8506451	Yes
30.04	3.761	191.4	137.7521729	136.2081955	Yes
30.18	3.846	189.4	136.949775	136.0791509	Yes
30.15	3.969	185.8	135.9423289	136.3119984	Yes
30.06	4.601	180.9	135.4455	135.9948019	Yes
29.99	4.618	187.4	136.3217962	135.9411253	Yes
29.96	3.827	199.7	143.0788632	145.4802611	Yes
29.96	3.808	203.1	146.2898835	142.1069903	Yes
30.01	3.649	207	150.8255466	148.4145955	Yes
30	3.828	209.5	154.2689366	152.3303647	Yes
29.96	4.083	207.8	151.8792052	154.3562865	Yes
29.97	3.224	209.1	153.6876994	158.5436732	Yes
30.05	3.085	205.6	149.0856146	150.0221201	Yes
30.24	3.815	186.2	136.0270567	136.0433018	Yes
30.29	3.078	193.5	138.7879636	139.7465522	Yes
30.28	2.609	195.4	139.9016992	138.7403105	Yes
30.37	3.23	198	141.7100752	139.1857486	Yes
30.6	2.966	200.7	143.9560723	139.9286857	Yes
30.58	3.599	206.3	149.9393426	145.1877631	Yes

7/28/2019	13:51	30.78	0.987
7/28/2019	13:52	30.78	0.851
7/28/2019	13:53	30.84	0.852
7/28/2019	13:54	31.03	1.195
7/28/2019	13:55	31.15	0.967
7/28/2019	13:56	31.18	1.429
7/28/2019	13:57	31.1	1.224
7/28/2019	13:58	31	1.169
7/28/2019	13:59	31	1.065
7/28/2019	14:00	30.93	0.932
7/28/2019	14:01	30.73	1.291
7/28/2019	14:02	30.56	1.093
7/28/2019	14:03	30.72	1.175
7/28/2019	14:04	30.88	1.373
7/28/2019	14:05	30.97	1.55
7/28/2019	14:06	30.89	1.381
7/28/2019	14:07	30.82	1.223
7/28/2019	14:08	30.9	1.344
7/28/2019	14:09	30.91	1.177
7/28/2019	14:10	30.98	1.207
7/28/2019	14:11	31.11	0.912
7/28/2019	14:12	31.33	1.211
7/28/2019	14:13	31.33	1.231
7/28/2019	14:14	31.24	1.06
7/28/2019	14:15	31.11	0.98
7/28/2019	14:16	31.08	1.099
7/28/2019	14:17	31.08	1.029
7/28/2019	14:18	31.08	1.344
7/28/2019	14:19	31.16	0.976
7/28/2019	14:20	31.27	0.84
7/28/2019	14:21	31.34	0.997
7/28/2019	14:22	31.33	0.682
7/28/2019	14:23	31.44	0.801
7/28/2019	14:24	31.45	1.07
7/28/2019	14:25	31.33	0.932
7/28/2019	14:26	31.36	1.147
7/28/2019	14:27	31.25	1.341
7/28/2019	14:28	30.94	1.772
7/28/2019	14:29	30.81	1.356
7/28/2019	14:30	30.83	1.13
7/28/2019	14:31	30.92	1.085
7/28/2019	14:32	31.04	1.061
7/28/2019	14:33	31.19	1.228
7/28/2019	14:34	31.32	1.11
7/28/2019	14:35	31.43	1.123
7/28/2019	14:36	31.47	0.883
7/28/2019	14:37	31.41	0.829
7/28/2019	14:38	31.12	0.615
7/28/2019	14:39	31.05	0.936
7/28/2019	14:40	31.22	0.901
7/28/2019	14:41	31.31	1.155

222.2	180.290119	30.98
221.6	178.6563324	30.93
205.7	149.2056183	30.96
180.9	135.4455	31.18
182.2	135.4803714	31.37
180.5	135.4488008	31.42
206.2	149.8154124	31.35
196.5	140.6257933	31.25
195.7	140.0933217	31.26
201.3	144.5088047	31.16
185.4	135.8643244	30.94
187.8	136.4336422	30.76
169.7	138.0751192	30.97
179.9	135.4661321	31.18
185.8	135.9423289	31.27
192.7	138.3696112	31.18
196.3	140.4897269	31.1
190	137.171973	31.18
203.3	146.4994658	31.2
181.5	135.452927	31.26
192	138.0276292	31.41
193.2	138.6276173	31.66
211.5	157.3589946	31.64
209.7	154.5640391	31.47
223.5	184.0049395	31.29
226.7	194.2803784	31.18
213.7	161.1359522	31.16
239.5	165.5142265	31.12
216.8	167.2080708	31.21
222.6	181.4071437	31.35
223.8	184.8977039	31.4
209.3	153.9768314	31.4
215.7	164.946271	31.53
217.4	168.49455	31.53
216.9	167.4198452	31.38
213.1	160.0645165	31.42
216.6	166.7876462	31.33
226.7	194.2803784	30.95
209.2	153.8318952	30.83
205	148.379085	30.89
208.8	153.2595242	31.02
202.3	145.4751667	31.19
192.6	138.3193881	31.38
188.9	136.7766005	31.53
184.7	135.7439374	31.69
194	139.0645196	31.76
215.2	163.9580918	31.7
199.1	142.5784051	31.36
201.7	144.8885107	31.23
207.2	151.0848301	31.39
207.6	151.6116385	31.49

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2.004	215.8
1.928	201.1
2.226	179.8
2.061	174.6
2.821	173.4
2.453	193.6
2.548	185.5
2.043	187.5
2.033	194.2
2.252	178.1
1.959	177.8
2.022	172.3
2.561	177
2.699	177.9
2.913	188
2.459	184.5
2.35	179.5
2.371	190.1
2.389	177.9
1.877	184.8
2.172	187.1
2.815	198.3
2.106	203.1
1.889	212.1
2.239	212.4
2.103	203.5
2.541	224
2.324	199.5
1.78	211.5
2.406	208.4
1.955	203.1
1.869	207.3
2.207	210.4
2.216	205.2
2.35	198.9
2.693	213.6
2.846	215.9
2.89	204.6
2.33	192.2
2.477	200.4
1.936	197.4
2.509	188.5
2.049	183.1
2.099	180.5
2.015	187.7
1.954	207
1.646	188.6
2.121	202.8
2.084	200
2.346	205.7

150.1891937	30.41
165.1468514	30.44
144.3223303	30.51
135.4704656	30.71
136.2684311	30.87
136.6142539	30.85
138.8423412	30.75
135.8831963	30.64
136.3491176	30.65
139.1784222	30.57
135.6073966	30.36
135.6439919	30.24
136.9857152	30.48
135.759882	30.67
135.6313781	30.73
136.4921301	30.59
135.7132992	30.5
135.4859439	30.62
137.21054	30.6
135.6313781	30.7
135.759882	30.84
136.2423866	31.05
141.9406579	30.97
146.2898835	30.81
158.3483275	30.67
158.8542338	30.64
146.7114396	30.61
185.5005447	30.67
142.9099119	30.74
157.3589946	30.85
152.6988115	30.9
146.2898835	30.86
151.2154981	30.99
155.6208578	30.98
148.6120398	30.84
142.4158267	30.83
160.955157	30.72
165.3484246	30.5
147.9207527	30.38
138.1230627	30.4
143.6871825	30.51
141.262737	30.64
136.6458601	30.82
135.5454083	30.91
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136.4050401	31.05
150.8255466	30.98
136.6778973	30.69
145.9799608	30.61
143.3363204	30.8
149.2056183	30.87

2.381	213.3	160.4181218	30.17	2.927	208.1	152.2858181
2.447	225.3	189.5740787	30.25	2.935	222.3	180.5672593
2.194	205.1	148.4952449	30.32	2.882	200.9	144.1380905
2.508	184.4	135.6986053	30.52	3.033	177.7	135.6570213
2.377	177	135.759882	30.67	2.985	174.6	136.2684311
3.224	176	135.9423289	30.65	4.007	170.6	137.6639493
2.881	197.5	141.3360215	30.54	3.502	192	138.0276292
2.995	192.3	138.1714606	30.41	3.848	185.5	135.8831963
2.387	190	137.171973	30.43	2.914	187.6	136.3768654
2.402	201.4	144.6028841	30.36	2.986	196.7	140.7638403
2.934	184	135.6439919	30.14	3.548	176.3	135.8831963
2.261	184.9	135.7762441	30.04	2.858	179.3	135.4983288
2.329	172.9	136.7766005	30.3	2.932	169.5	138.1714606
3.061	181.5	135.452927	30.5	3.736	176	135.9423289
3.424	183.5	135.5850754	30.55	4.065	178.7	135.5454083
3.192	192.5	138.2696225	30.38	4.307	186.8	136.1668004
2.971	188.4	136.6142539	30.3	3.461	184.4	135.6986053
2.89	184.7	135.7439374	30.43	3.495	179.9	135.4661321
2.561	198.4	142.0185516	30.39	3.565	189.6	137.0220917
2.628	182.1	135.475212	30.49	3.374	175.4	136.0719483
1.926	192.3	138.1714606	30.63	2.582	183.2	135.5547035
2.376	190.3	137.2889944	30.84	2.981	187.2	136.2684311
3.057	206.9	150.6969261	30.73	4.093	199.5	142.9099119
2.377	207.5	151.4788997	30.56	2.985	201.2	144.4152874
2.162	218.2	170.2702897	30.42	2.68	211.4	157.1969778
2.616	219.8	174.0400802	30.43	3.103	213.8	161.3176459
2.396	212	158.1813694	30.39	3.089	205	148.379085
2.87	231	184.1517432	30.5	3.576	225.7	190.8837175
2.544	203.1	146.2898835	30.57	3.075	197.8	141.5589225
2.089	215.6	164.7466785	30.66	2.616	211.1	156.7157803
2.499	215.5	164.548069	30.71	3.502	208.9	153.4015168
1.925	212.4	158.8542338	30.66	2.6	204.5	147.8077356
1.994	212.3	158.684756	30.78	2.409	208.9	153.4015168
2.541	219.2	172.5912057	30.76	3.178	213.4	160.5962459
2.619	211.5	157.3589946	30.6	3.09	206.4	150.0639356
2.664	204.8	148.1486618	30.58	3.424	199	142.4968525
3.409	220.7	176.2962446	30.48	4.028	214.4	162.4269132
3.729	222.8	181.9742025	30.31	4.317	216.8	167.2080708
3.249	209.7	154.5640391	30.21	4.055	203.3	146.4994658
2.915	201.4	144.6028841	30.22	3.437	194.5	139.3528135
2.693	206.1	149.6921424	30.34	3.496	198.3	141.9406579
2.392	202.1	145.2773166	30.45	2.719	197.4	141.262737
2.673	196.6	140.6945686	30.63	3.347	188.3	136.5830783
2.502	189	136.810367	30.7	2.983	183.4	135.5745369
2.65	185.3	135.8458714	30.79	2.94	180.7	135.4463252
2.341	194.7	139.4714437	30.81	2.685	189	136.810367
2.131	213.1	160.0645165	30.73	2.771	205.1	148.4952449
1.664	195	139.6529623	30.43	2.098	189.3	136.9142707
2.119	204.3	147.5835656	30.35	2.899	197.8	141.5589225
2.137	201.1	144.3223303	30.6	3.023	196.8	140.8336095
2.856	207	150.8255466	30.66	3.355	203.8	147.0339187

30.09	3.489	214.7	162.994021	160.7958131	Yes
30.15	3.409	226.8	194.6299891	178.4861305	Yes
30.19	3.4	207	150.8255466	146.540321	Yes
30.4	3.702	185.5	135.8831963	135.567898	Yes
30.57	3.61	178.8	135.5365272	135.9442789	Yes
30.52	4.83	176.8	135.7930238	136.4173332	Yes
30.42	4.431	199.3	142.7430964	142.0053511	Yes
30.3	4.537	191.8	137.9340071	137.6409116	Yes
30.36	3.46	192	138.0276292	137.4978194	Yes
30.28	3.435	203.9	147.1426245	142.2634878	Yes
30.08	4.375	184.7	135.7439374	135.7497273	Yes
30.02	3.206	186.6	136.1185285	135.8380517	Yes
30.29	3.301	177	135.759882	137.5022239	Yes
30.44	4.323	183.6	135.5960285	135.6553175	Yes
30.48	4.824	186.2	136.0270567	135.6760477	Yes
30.32	4.689	192.3	138.1714606	137.3245411	Yes
30.24	4.19	189.8	137.0961561	137.1289713	Yes
30.39	4.131	186.4	136.0719483	135.9669966	Yes
30.34	3.879	196.8	140.8336095	140.6876623	Yes
30.43	3.922	183	135.5365272	135.6578663	Yes
30.56	2.792	188.3	136.5830783	136.8784189	Yes
30.77	3.514	194	139.0645196	137.1068574	Yes
30.6	4.81	206.2	149.8154124	148.2266226	Yes
30.43	3.56	207.2	151.0848301	149.1870274	Yes
30.31	3.208	217.5	168.7126952	167.4551336	Yes
30.31	3.61	218.3	170.4972397	172.1230846	Yes
30.27	3.486	211.9	158.0152438	153.6019615	Yes
30.38	4.021	227.9	193.1689136	181.512558	Yes
30.43	3.882	204.1	147.3618674	149.4916972	Yes
30.52	3.02	215.6	164.7466785	165.0571493	Yes
30.56	3.924	215	163.5696028	163.8865253	Yes
30.49	2.941	211.1	156.7157803	151.7321711	Yes
30.64	2.843	213.1	160.0645165	157.0620105	Yes
30.59	3.758	218.3	170.4972397	164.3257148	Yes
30.43	3.782	212.4	158.8542338	155.8637038	Yes
30.41	4.071	207.9	152.0140384	148.2814644	Yes
30.33	4.874	220.3	175.2809825	166.6164902	Yes
30.16	5.101	222.1	180.0143756	177.2027691	Yes
30.08	4.909	211.2	156.8753741	150.7040382	Yes
30.09	4.177	202.9	146.0826775	142.6144613	Yes
30.21	4.075	204	147.2519401	147.1448768	Yes
30.34	3.372	203.7	146.9258206	143.3194893	Yes
30.52	3.908	195.4	139.9016992	138.0607238	Yes
30.57	3.649	192.4	138.2203136	136.1767282	Yes
30.66	3.641	187.9	136.4626721	135.6212337	Yes
30.7	3.324	197.6	141.4098131	137.9378426	Yes
30.61	3.211	210.7	156.0853794	155.8358499	Yes
30.36	2.422	194.4	139.2942101	138.9558839	Yes
30.3	3.146	203.5	146.7114396	145.0027399	Yes
30.53	3.311	200	143.3363204	144.8942725	Yes
30.55	4.044	209.7	154.5640391	149.6691805	Yes

7/28/2019	14:42	31.34	1.215
7/28/2019	14:43	31.35	1.136
7/28/2019	14:44	31.38	1.082
7/28/2019	14:45	31.46	0.905
7/28/2019	14:46	31.64	0.854
7/28/2019	14:47	31.77	0.968
7/28/2019	14:48	31.77	1.124
7/28/2019	14:49	31.65	1.197
7/28/2019	14:50	31.62	1.349
7/28/2019	14:51	31.56	1.113
7/28/2019	14:52	31.58	1.039
7/28/2019	14:53	31.61	0.855
7/28/2019	14:54	31.7	0.805
7/28/2019	14:55	31.65	0.623
7/28/2019	14:56	31.68	0.847
7/28/2019	14:57	31.46	1.048
7/28/2019	14:58	31.11	0.932
7/28/2019	14:59	31.25	0.88
7/28/2019	15:00	31.45	1.448
7/28/2019	15:01	31.45	1.243
7/28/2019	15:02	31.47	1.282
7/28/2019	15:03	31.44	1.565
7/28/2019	15:04	31.44	1.286
7/28/2019	15:05	31.39	1.028
7/28/2019	15:06	31.42	1.103
7/28/2019	15:07	31.42	1.288
7/28/2019	15:08	31.41	1.138
7/28/2019	15:09	31.51	0.906
7/28/2019	15:10	31.69	0.733
7/28/2019	15:11	31.74	1.033
7/28/2019	15:12	31.8	0.722
7/28/2019	15:13	31.91	1.017
7/28/2019	15:14	31.86	1.052
7/28/2019	15:15	31.69	1.135
7/28/2019	15:16	31.49	1.162
7/28/2019	15:17	31.28	1.134
7/28/2019	15:18	31.22	1.127
7/28/2019	15:19	31.15	1.037
7/28/2019	15:20	31.01	1.015
7/28/2019	15:21	31.02	0.703
7/28/2019	15:22	31.22	1.095
7/28/2019	15:23	31.34	1.165
7/28/2019	15:24	31.45	0.953
7/28/2019	15:25	31.5	1.666
7/28/2019	15:26	31.42	1.63
7/28/2019	15:27	31.3	1.248
7/28/2019	15:28	31.23	1.214
7/28/2019	15:29	31.23	1.093
7/28/2019	15:30	31.27	1.022
7/28/2019	15:31	31.34	1.182
7/28/2019	15:32	31.35	0.906

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190.9	137.5349652	31.49
196.7	140.7638403	31.55
189.3	136.9142707	31.65
183.8	135.6191797	31.88
199.5	142.9099119	32.05
169.8	138.0276292	32.07
195.1	139.7144254	31.93
162.7	142.5784051	31.89
173.6	136.5523328	31.89
176.2	135.9024875	31.95
174.1	136.4050401	32.02
215	163.5696028	32.11
224	185.5005447	31.94
210.9	156.3989918	31.93
208.9	153.4015168	31.67
187.2	136.2684311	31.23
206	149.5695304	31.39
192.9	138.471433	31.65
194.9	139.5919783	31.7
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180.9	135.4455	31.69
201.5	144.6975271	31.74
203.5	146.7114396	31.69
195	139.6529623	31.72
186.7	136.1424529	31.73
178.3	135.5850754	31.76
196.9	140.9038772	31.9
219.1	172.3538995	32.08
211.7	157.6854758	32.05
195.6	140.0289626	32.07
202.1	145.2773166	32.19
206.9	150.6969261	32.13
218.8	171.6490075	31.89
215.5	164.548069	31.64
214.9	163.3767931	31.41
197.9	141.6342428	31.37
216.1	165.7545685	31.33
219.7	173.7955882	31.16
203.6	146.8183282	31.13
171.7	137.21054	31.43
176.8	135.7930238	31.64
181.2	135.4473567	31.82
191.6	137.8421902	31.89
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192.3	138.1714606	31.65
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208.3	152.5604335	31.6
200.5	143.7762629	31.57

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2.519	189
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2.364	183.7
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1.955	195.7
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2.06	215.2
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2.171	170
1.977	166.6
2.14	179.4
2.584	181.8
2.797	179.9
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2.368	197
2.177	194
1.935	210.3
2.298	202.2
1.663	198.2

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139.23608	31.34
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135.8458714	31.14
139.8387928	31.13
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138.1230627	31.2
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147.5835656	31.32
159.0245589	31.24
147.4724086	31.23
146.1859844	31
135.6570213	30.67
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136.810367	31.09
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137.249547	31.01
135.7762441	31.01
136.6778973	31.08
139.1212357	30.99
135.6073966	31.02
135.5200067	31.02
136.0719483	31.07
136.3491176	31.2
155.3150699	31.4
144.3223303	31.41
138.6806025	31.39
140.0933217	31.47
143.9560723	31.37
152.9777221	31.18
142.7430964	30.96
144.7927354	30.78
137.3692134	30.77
149.6921424	30.76
163.9580918	30.67
149.8154124	30.74
137.9340071	30.99
139.7763685	31.12
135.4919297	31.23
135.4622116	31.26
135.4661321	31.15
136.4921301	30.99
140.9746448	30.91
139.0645196	30.91
155.4675767	30.94
145.3759529	31.06
141.8632814	31.05

2.866	204.3	147.5835656	30.64	3.243	201.4	144.6028841
2.781	197.7	141.484113	30.61	3.315	192.2	138.1230627
2.388	196	140.2893212	30.66	3.209	192.1	138.0751192
1.949	189.8	137.0961561	30.76	2.407	186.9	136.1915717
2.029	183.5	135.5850754	30.97	2.305	179.5	135.4859439
2.445	198.8	142.3353263	31.08	2.66	192.7	138.3696112
2.434	180.8	135.4457063	31.06	2.997	175.4	136.0719483
2.602	192	138.0276292	30.84	3.577	183.7	135.6073966
2.523	169.7	138.0751192	30.86	3.134	167.8	139.0645196
2.523	175.9	135.9628798	30.86	2.931	172.4	136.949775
2.337	178.2	135.5960285	30.94	2.618	173	136.743267
2.176	182.2	135.4803714	30.98	2.751	178	135.6191797
1.988	213.4	160.5962459	31.03	2.316	205.7	149.2056183
1.884	214.3	162.2397397	30.96	2.321	210.8	156.2417902
2.26	211.7	157.6854758	30.98	2.837	202.7	145.8778326
2.472	205.7	149.2056183	30.76	3.044	200.3	143.5986496
2.222	189.6	137.0220917	30.46	2.74	186.4	136.0719483
2.225	208.1	152.2858181	30.7	2.689	199.7	143.0788632
2.802	192.7	138.3696112	30.91	3.44	187.1	136.2423866
2.709	199.8	143.1641434	30.79	3.234	194.4	139.2942101
2.843	197.4	141.262737	30.75	3.44	190.2	137.249547
2.958	185	135.7930238	30.76	3.49	176.9	135.7762441
2.807	196.4	140.557513	30.84	3.389	188.2	136.5523328
2.347	195.8	140.1581671	30.74	2.945	191.3	137.7078372
2.917	190.7	137.4512019	30.77	3.394	183.7	135.6073966
2.831	186.1	136.0052434	30.78	3.677	181.2	135.4473567
2.487	180.7	135.4463252	30.85	3.09	174.4	136.3217962
1.966	189.3	136.9142707	30.98	2.332	184.4	135.6986053
1.859	210.8	156.2417902	31.19	2.231	205.5	148.9662571
2.334	207	150.8255466	31.19	3.302	200.8	144.0468045
1.871	199.4	142.8262379	31.14	2.232	191.9	137.9805921
2.387	198.9	142.4158267	31.21	2.887	193.3	138.6806025
2.423	205.1	148.4952449	31.11	2.856	200.1	143.4232201
2.811	213.9	161.5002424	30.93	3.384	208	152.1495751
3.127	206.9	150.6969261	30.7	3.661	200.1	143.4232201
2.835	207.1	150.9548471	30.55	3.537	199.7	143.0788632
2.71	195.6	140.0289626	30.55	3.168	190.8	137.4928614
2.708	212.1	158.3483275	30.55	3.57	203.9	147.1426245
2.505	219.4	173.0693692	30.49	3.151	215.5	164.548069
1.815	210.3	155.4675767	30.55	2.227	205.9	149.4475739
2.332	175.2	136.1185285	30.83	3.196	168.6	138.6276173
2.407	174.6	136.2684311	30.95	2.822	170.7	137.6205085
2.648	186.3	136.0492916	31.03	3.335	181.5	135.452927
3.117	186.8	136.1668004	31.04	3.713	179.6	135.4803714
3.355	183.6	135.5960285	30.93	4.093	177.6	135.6704665
2.849	192.3	138.1714606	30.75	3.724	187.1	136.2423866
2.879	203.8	147.0339187	30.67	3.413	197.4	141.262737
2.577	201.6	144.7927354	30.67	3.292	196.2	140.4224336
2.154	214.1	161.8681603	30.72	2.876	209.4	154.1225109
2.851	206	149.5695304	30.86	3.401	199.8	143.1641434
2.13	197.1	141.0459134	30.84	2.442	196	140.2893212

30.49	4.016	204.8	148.1486618	145.0694026	Yes
30.46	3.844	198.9	142.4158267	139.1684033	Yes
30.52	3.592	197.7	141.484113	139.374473	Yes
30.63	2.912	192.1	138.0751192	136.6309487	Yes
30.84	3.033	184.8	135.759882	135.5688186	Yes
30.96	3.348	199.1	142.5784051	140.7127324	Yes
30.92	3.586	183.3	135.564413	136.5093535	Yes
30.71	4.02	190.1	137.21054	137.2988307	Yes
30.74	3.513	174.8	136.2167669	139.8892092	Yes
30.71	3.641	179.3	135.4983288	136.8970126	Yes
30.82	3.255	180.4	135.4506575	136.5912114	Yes
30.84	3.297	183.2	135.5547035	135.7377291	Yes
30.9	2.792	213.6	160.955157	155.2387581	Yes
30.81	2.654	214.8	163.184934	165.7516584	Yes
30.82	3.279	210.2	155.3150699	151.8586772	Yes
30.65	3.718	205.5	148.9662571	148.0979423	Yes
30.4	3.066	192.3	138.1714606	136.2548731	Yes
30.64	3.199	207.1	150.9548471	148.0465379	Yes
30.82	3.985	195	139.6529623	137.4734495	Yes
30.68	3.908	201.5	144.6975271	140.4411893	Yes
30.65	4.22	196.9	140.9038772	140.0442796	Yes
30.68	4.28	184.8	135.759882	135.697753	Yes
30.76	4.061	195	139.6529623	139.6213175	Yes
30.64	3.429	194.9	139.5919783	140.9246699	Yes
30.68	4.184	190.6	137.4099861	137.0797394	Yes
30.7	4.248	187.2	136.2684311	135.7787649	Yes
30.76	3.653	181.7	135.458704	135.8562862	Yes
30.88	2.954	189.8	137.0961561	137.4664677	Yes
31.07	2.698	210.3	155.4675767	158.2192542	Yes
31.05	3.635	207.3	151.2154981	149.2200393	Yes
31.01	2.517	199.3	142.7430964	139.8790988	Yes
31.09	3.354	197.5	141.3360215	141.6167669	Yes
31.01	3.354	204.7	148.034394	146.6428658	Yes
30.81	4.072	212.6	159.1957351	159.5691368	Yes
30.59	4.515	208.4	152.6988115	150.3528279	Yes
30.47	4.097	205.9	149.4475739	150.5508097	Yes
30.48	4.092	199.2	142.6604859	139.13132	Yes
30.5	3.861	211.6	157.5218261	155.2344157	Yes
30.42	3.558	222.2	180.290119	168.8427795	Yes
30.48	2.644	210.5	155.7749165	150.3872228	Yes
30.73	3.569	176.6	135.8278372	137.4726732	Yes
30.86	3.501	178.5	135.564413	137.364583	Yes
30.95	3.829	188.1	136.5220169	135.6103762	Yes
30.95	4.53	187.5	136.3491176	136.2378934	Yes
30.84	4.996	186.8	136.1668004	135.6401161	Yes
30.71	4.333	193.1	138.5750946	137.2693595	Yes
30.62	4.075	204.8	148.1486618	145.2876264	Yes
30.62	3.753	202.8	145.9799608	142.0589402	Yes
30.67	3.083	214.2	162.0534901	157.6634957	Yes
30.79	4.244	206	149.5695304	147.667515	Yes
30.76	3.078	198.8	142.3353263	141.7436947	Yes

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7/28/2019	15:34	31.25	1.166
7/28/2019	15:35	31.21	0.906
7/28/2019	15:36	31.26	1.121
7/28/2019	15:37	31.32	1.249
7/28/2019	15:38	31.33	1.219
7/28/2019	15:39	31.2	1.062
7/28/2019	15:40	31.09	1.328
7/28/2019	15:41	31.11	1.073
7/28/2019	15:42	31.08	1.107
7/28/2019	15:43	30.93	1.557
7/28/2019	15:44	30.83	0.998
7/28/2019	15:45	30.78	1.125
7/28/2019	15:46	30.74	0.935
7/28/2019	15:47	30.52	1.143
7/28/2019	15:48	30.37	1.065
7/28/2019	15:49	30.51	0.969
7/28/2019	15:50	30.74	1.065
7/28/2019	15:51	30.9	1.124
7/28/2019	15:52	30.99	1.179
7/28/2019	15:53	31.09	1.062
7/28/2019	15:54	31.19	0.814
7/28/2019	15:55	31.25	1.263
7/28/2019	15:56	31.21	1.209
7/28/2019	15:57	31.11	1.044
7/28/2019	15:58	31.1	1.115
7/28/2019	15:59	31.12	1.055
7/28/2019	16:00	31.13	1.263
7/28/2019	16:01	31.01	1.432
7/28/2019	16:02	30.91	0.937
7/28/2019	16:03	30.91	1.085
7/28/2019	16:04	30.91	0.861
7/28/2019	16:05	31	1.123
7/28/2019	16:06	31.03	1.098
7/28/2019	16:07	31.09	0.989
7/28/2019	16:08	31.15	1.155
7/28/2019	16:09	31.15	1.097
7/28/2019	16:10	31.09	0.994
7/28/2019	16:11	31.03	0.995
7/28/2019	16:12	30.9	1.323
7/28/2019	16:13	30.74	1.298
7/28/2019	16:14	30.6	1.336
7/28/2019	16:15	30.46	1.082
7/28/2019	16:16	30.33	0.996
7/28/2019	16:17	30.25	1.076
7/28/2019	16:18	30.24	0.959
7/28/2019	16:19	30.26	1.129
7/28/2019	16:20	30.23	1.127
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7/28/2019	16:23	30.27	1.105

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202.5	145.6753339	31
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223.3	183.4173207	30.74
205.7	149.2056183	30.56
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203.1	146.2898835	31.25
202.1	145.2773166	31.33
191	137.577514	31.47
186.3	136.0492916	31.64
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159.3	145.6753339	31.72
182	135.4704656	31.61
192.6	138.3193881	31.59
190	137.171973	31.59
199.7	143.0788632	31.61
187.6	136.3768654	31.47
193.6	138.8423412	31.35
187.7	136.4050401	31.37
192.8	138.4202926	31.38
178.6	135.5547035	31.52
185.1	135.8102214	31.59
189.1	136.8445673	31.66
198.2	141.8632814	31.73
208.7	153.1182603	31.7
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210.1	155.1633342	31.53
216.8	167.2080708	31.32
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184.6	135.7284098	30.98
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194.4	139.2942101	30.77
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193.9	139.008273	30.89
184.6	135.7284098	30.89

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2.227	188.1
2.239	183
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2.243	211.2
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1.782	188.8
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2.383	205.9
2.376	202.3
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2.271	161.5
2.141	179.2
2.21	190.8
1.948	186.7
2.723	185.2
2.543	181.6
2.213	183.1
2.359	181.9
1.779	183.7
1.926	172.1
1.953	178.3
1.979	187.5
2.106	193.1
2.353	195.8
1.765	198.3
1.711	204.5
2.411	204.1
2.478	183.6
2.579	175.2
2.03	184.6
2.107	191.6
2.276	187.1
1.818	185.9
2.295	178.7
2.272	180.9
1.829	186
2.007	184.1
1.967	182

146.9258206	31.08
143.8658923	30.91
139.9016992	30.86
136.5220169	30.92
135.5365272	31.04
146.2898835	31.07
156.8753741	30.94
142.9941199	30.81
136.743267	30.83
141.786421	30.8
143.3363204	30.64
149.4475739	30.57
145.4751667	30.53
155.9297559	30.49
151.6116385	30.29
136.949775	30.19
136.5830783	30.36
139.7763685	30.63
141.3360215	30.77
139.0645196	30.85
136.0052434	30.96
135.7284098	31.1
135.5365272	31.15
143.5986496	31.11
135.5051412	31.01
137.4928614	30.98
136.1424529	31.01
135.8278372	31.01
135.4556091	30.9
135.5454083	30.78
135.4661321	30.81
135.6073966	30.82
137.0589052	30.95
135.5850754	30.97
136.3491176	31.04
138.5750946	31.1
140.1581671	31.04
141.9406579	30.96
147.8077356	30.91
147.3618674	30.77
135.5960285	30.61
136.1185285	30.5
135.7284098	30.37
137.8421902	30.25
136.2423866	30.2
135.9628798	30.23
135.5454083	30.31
135.4455	30.31
135.9838512	30.35
135.6570213	30.4
135.4704656	30.38

2.992	209.3	153.9768314	30.87	3.773	203.1	146.2898835
3.055	207.1	150.9548471	30.71	3.553	199.1	142.5784051
1.956	198.6	142.1758963	30.64	2.754	192.8	138.4202926
2.471	193.9	139.008273	30.72	3.189	185.6	135.9024875
2.98	190.6	137.4099861	30.83	3.343	183.2	135.5547035
2.62	209	153.5442409	30.85	3.31	203.5	146.7114396
2.5	213.4	160.5962459	30.74	3.386	207.1	150.9548471
2.961	205.3	148.729472	30.6	3.555	197	140.9746448
2.197	195.3	139.8387928	30.61	2.599	189.3	136.9142707
2.824	203.1	146.2898835	30.57	3.637	196.5	140.6257933
3.089	204.3	147.5835656	30.42	3.725	198.8	142.3353263
2.529	209	153.5442409	30.38	3.455	200.7	143.9560723
2.607	204.5	147.8077356	30.36	3.242	198.9	142.4158267
2.619	213.3	160.4181218	30.32	3.158	207.2	151.0848301
2.99	216.3	166.1647422	30.14	3.507	207.7	151.7450728
2.358	196	140.2893212	30.04	2.938	189	136.810367
2.354	195	139.6529623	30.22	2.878	187.2	136.2684311
2.543	202.2	145.3759529	30.48	3.107	194.2	139.1784222
2.744	203.7	146.9258206	30.59	3.549	194.7	139.4714437
2.793	198.7	142.25535	30.63	3.289	191.4	137.7521729
2.309	189.7	137.0589052	30.71	2.801	183.4	135.5745369
1.99	190.9	137.5349652	30.83	2.63	182.8	135.5200067
2.596	188.7	136.7103661	30.86	3.418	181.5	135.452927
2.695	169.9	137.9805921	30.85	3.487	164.4	141.262737
2.589	183.1	135.5454083	30.75	3.289	178	135.6191797
2.555	195.1	139.7144254	30.71	3.334	188	136.4921301
2.525	194.1	139.1212357	30.73	2.845	187.5	136.3491176
3.3	190.3	137.2889944	30.74	4.071	183.5	135.5850754
3.193	187.9	136.4626721	30.65	3.937	181	135.4457063
2.437	187.8	136.4336422	30.52	3.142	182.3	135.4859439
2.576	185.3	135.8458714	30.57	3.338	177.5	135.6843278
2.164	187.8	136.4336422	30.58	2.604	183	135.5365272
2.582	180	135.4622116	30.69	2.962	174	136.4336422
2.345	182.5	135.4983288	30.69	2.954	175.8	135.9838512
2.202	191.1	137.6205085	30.76	2.933	185	135.7930238
2.563	194.6	139.411891	30.8	3.135	189	136.810367
2.544	201.3	144.5088047	30.73	3.368	192.3	138.1714606
2.228	203.7	146.9258206	30.64	2.546	197.9	141.6342428
2.076	204.7	148.034394	30.6	2.595	199.8	143.1641434
2.978	208.6	152.9777221	30.51	3.515	200	143.3363204
3.237	193.2	138.6276173	30.37	3.741	184.7	135.7439374
2.756	180.8	135.4457063	30.28	3.596	174.6	136.2684311
2.701	188.6	136.6778973	30.18	2.913	184.7	135.7439374
2.22	195.9	140.2234999	30.03	2.921	188.8	136.743267
2.534	194.1	139.1212357	30.02	3.312	186	135.9838512
2.029	188.7	136.7103661	30.04	2.494	184.2	135.6704665
2.549	185	135.7930238	30.12	3.421	174.8	136.2167669
2.445	187.2	136.2684311	30.13	3.193	181	135.4457063
1.976	186.8	136.1668004	30.15	2.732	182.7	135.5123672
2.502	189.2	136.8792016	30.18	2.925	181.4	135.4506575
2.418	188.8	136.743267	30.15	2.797	181.5	135.452927

30.78	4.411	209.7	154.5640391	150.665028	Yes
30.62	4.252	207.1	150.9548471	146.6511907	Yes
30.58	3.072	197.4	141.262737	143.0942733	Yes
30.68	3.436	191.9	137.9805921	137.7868007	Yes
30.8	4.253	191.5	137.796957	137.2309126	Yes
30.81	3.722	209.1	153.6876994	148.2612574	Yes
30.68	3.77	213.6	160.955157	157.6665517	Yes
30.55	4.363	205.3	148.729472	144.5185474	Yes
30.56	3.136	194.9	139.5919783	139.3181484	Yes
30.53	4.107	204.8	148.1486618	143.3262455	Yes
30.39	4.496	206	149.5695304	146.3852576	Yes
30.35	3.929	206.4	150.0639356	151.4505302	Yes
30.33	3.803	205.1	148.4952449	145.3435157	Yes
30.29	3.919	213.7	161.1359522	157.6066822	Yes
30.13	4.321	214.3	162.2397397	163.2346935	Yes
30.06	3.541	197.7	141.484113	140.8137704	Yes
30.24	3.385	194	139.0645196	137.4786145	Yes
30.48	3.698	202.4	145.5749597	142.4764258	Yes
30.57	3.947	201.5	144.6975271	143.5057923	Yes
30.59	4.063	200.6	143.8658923	141.0873398	Yes
30.7	3.355	191.8	137.9340071	136.5540499	Yes
30.82	3.137	188.7	136.7103661	136.2081683	Yes
30.84	3.734	188.9	136.7766005	136.7485076	Yes
30.8	4.093	173.4	136.6142539	142.1293281	Yes
30.71	3.895	185	135.7930238	135.5350487	Yes
30.71	3.783	196.1	140.355632	138.0047012	Yes
30.72	3.66	194.4	139.2942101	137.1961948	Yes
30.74	4.742	189.7	137.0589052	137.9451926	Yes
30.66	4.596	189.3	136.9142707	135.9352132	Yes
30.55	3.582	187.2	136.2684311	136.5768339	Yes
30.6	3.982	186.1	136.0052434	135.8503429	Yes
30.6	3.337	187.6	136.3768654	136.4994646	Yes
30.71	3.62	183.5	135.5850754	136.1273656	Yes
30.71	3.55	182	135.4704656	135.7193692	Yes
30.79	3.12	188.1	136.5220169	136.6518043	Yes
30.82	3.666	196.2	140.4224336	139.1651585	Yes
30.74	3.62	198.9	142.4158267	143.9891732	Yes
30.64	3.268	203.3	146.4994658	144.896584	Yes
30.6	3.009	203.6	146.8183282	148.5424018	Yes
30.51	4.049	205	148.379085	152.7209952	Yes
30.39	4.587	192.8	138.4202926	136.7383246	Yes
30.33	4.152	180.2	135.4556091	135.8902689	Yes
30.23	3.816	189.4	136.949775	137.5033815	Yes
30.09	3.293	195.6	140.0289626	140.1972295	Yes
30.09	3.798	193.7	138.8971847	138.2078966	Yes
30.11	3.009	190.5	137.3692134	138.2131293	Yes
30.2	3.888	183.4	135.5745369	136.1352286	Yes
30.21	3.409	187.4	136.3217962	136.6134619	Yes
30.23	2.972	188.4	136.6142539	136.1897937	Yes
30.24	3.597	190	137.171973	136.7487884	Yes
30.21	3.585	188.9	136.7766005	135.8487673	Yes

7/28/2019	16:24	30.3	1.188
7/28/2019	16:25	30.38	1.128
7/28/2019	16:26	30.51	0.986
7/28/2019	16:27	30.68	0.933
7/28/2019	16:28	30.81	1.298
7/28/2019	16:29	30.89	1.005
7/28/2019	16:30	30.99	1.26
7/28/2019	16:31	31.04	0.984
7/28/2019	16:32	31.09	0.763
7/28/2019	16:33	31.17	1.21
7/28/2019	16:34	31.12	1.333
7/28/2019	16:35	31.02	1.642
7/28/2019	16:36	30.93	1.111
7/28/2019	16:37	30.86	1.302
7/28/2019	16:38	30.75	1.151
7/28/2019	16:39	30.69	1.57
7/28/2019	16:40	30.63	1.238
7/28/2019	16:41	30.6	1.288
7/28/2019	16:42	30.55	1.256
7/28/2019	16:43	30.54	1.4
7/28/2019	16:44	30.46	1.117
7/28/2019	16:45	30.45	1.188
7/28/2019	16:46	30.47	1.074
7/28/2019	16:47	30.53	0.903
7/28/2019	16:48	30.69	0.782
7/28/2019	16:49	30.89	0.813
7/28/2019	16:50	31.06	0.848
7/28/2019	16:51	31.19	1.073
7/28/2019	16:52	31.1	1.052
7/28/2019	16:53	31.02	1.02
7/28/2019	16:54	30.97	1.033
7/28/2019	16:55	30.94	1.012
7/28/2019	16:56	30.92	1.43
7/28/2019	16:57	30.83	1.313
7/28/2019	16:58	30.65	1.133
7/28/2019	16:59	30.39	0.98
7/28/2019	17:00	30.16	1.288
7/28/2019	17:01	30.06	1.123
7/28/2019	17:02	30.06	1.318
7/28/2019	17:03	30.17	1.068
7/28/2019	17:04	30.38	0.77
7/28/2019	17:05	30.61	1.172
7/28/2019	17:06	30.82	1.088
7/28/2019	17:07	30.99	1.008
7/28/2019	17:08	31.1	1.006
7/28/2019	17:09	31.18	1.188
7/28/2019	17:10	31.29	0.964
7/28/2019	17:11	31.37	0.999
7/28/2019	17:12	31.4	1.131
7/28/2019	17:13	31.4	1.123
7/28/2019	17:14	31.42	1.068

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194.5	139.3528135	31.08
195.1	139.7144254	31.3
198.9	142.4158267	31.53
205.6	149.0856146	31.68
206.2	149.8154124	31.76
201.5	144.6975271	31.91
204.9	148.2635581	31.95
199.6	142.9941199	32.02
176.1	135.9221983	32.14
195.4	139.9016992	32.06
189.6	137.0220917	31.88
197.4	141.262737	31.78
192.7	138.3696112	31.73
195.6	140.0289626	31.6
181.4	135.4506575	31.49
177.4	135.6986053	31.42
189.4	136.949775	31.37
194.9	139.5919783	31.3
188.3	136.5830783	31.28
192.9	138.471433	31.15
191.7	137.8878733	31.1
195.2	139.7763685	31.09
204.1	147.3618674	31.16
192.9	138.471433	31.34
181.4	135.4506575	31.58
181	135.4457063	31.74
189.1	136.8445673	31.86
215.2	163.9580918	31.67
204.3	147.5835656	31.43
207.5	151.4788997	31.33
208.5	152.8379067	31.27
209.7	154.5640391	31.24
210	155.0123664	31.12
191.3	137.7078372	30.93
193.1	138.5750946	30.62
208.7	153.1182603	30.37
199	142.4968525	30.29
192	138.0276292	30.31
191.6	137.8421902	30.47
183.2	135.5547035	30.76
171.9	137.1338452	31.09
179.5	135.4859439	31.37
189.1	136.8445673	31.58
196.6	140.6945686	31.68
200.3	143.5986496	31.75
188.8	136.743267	31.87
180.6	135.4473567	31.97
192.4	138.2203136	32.05
192	138.0276292	32.07
207.4	151.3468538	32.14

2.11	180.6
2.217	184.6
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1.68	199.8
2.072	193.8
1.874	196.5
1.824	199
1.905	198.6
1.508	194.2
1.92	168.2
2.481	185.1
2.324	176.1
2.218	184.2
2.077	184.7
1.98	187.2
2.595	175.2
1.862	178
2.391	183.5
1.935	182.8
2.322	179.9
2.226	182.9
2.466	182.6
2.232	185.6
1.561	187.4
1.236	189.8
1.28	178.6
1.601	179.1
1.583	186.6
2.037	212
1.668	205
1.973	203.6
1.817	196.9
1.86	198.7
2.071	201.6
2.001	185.4
2.385	178.1
2.528	198.5
2.288	185.6
2.214	181.2
1.721	184.6
1.391	174.3
1.351	163.9
1.627	179.2
1.705	177.5
1.915	186.1
1.754	192.7
1.646	178.7
1.603	175.8
1.551	178.1
1.439	182.8
1.668	195.3

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135.7284098	30.55
137.6639493	30.73
143.1641434	30.91
138.952495	31.02
140.6257933	31.06
142.4968525	31.17
142.1758963	31.17
139.1784222	31.22
138.8423412	31.32
135.8102214	31.25
135.9221983	31.08
135.6704665	31
135.7439374	30.94
136.2684311	30.81
136.1185285	30.76
135.6191797	30.74
135.5850754	30.71
135.5200067	30.7
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135.52806	30.62
135.5051412	30.62
135.9024875	30.65
136.3217962	30.73
137.0961561	30.92
135.5547035	31.21
135.5123672	31.38
136.1185285	31.47
158.1813694	31.24
148.379085	31.08
146.8183282	30.99
140.9038772	30.95
142.25535	30.9
144.7927354	30.78
135.8643244	30.62
135.6073966	30.34
142.096964	30.11
135.9024875	30.05
135.4473567	30.07
135.7284098	30.22
136.3491176	30.48
141.6342428	30.76
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136.0052434	31.18
138.3696112	31.19
135.5454083	31.3
135.9838512	31.36
135.6073966	31.38
135.5200067	31.36
139.8387928	31.35

2.433	185.1	135.8102214	30.2	3.171	180	135.4622116
2.708	189.4	136.949775	30.34	3.13	182.4	135.4919297
2.187	195.2	139.7763685	30.5	2.785	188.6	136.6778973
2.147	202.9	146.0826775	30.64	2.601	195.5	139.9650888
2.692	201.9	145.0817692	30.71	3.14	192.6	138.3193881
2.249	197.6	141.4098131	30.73	2.872	191.5	137.796957
2.479	202.1	145.2773166	30.81	2.848	194.6	139.411891
2.131	199.4	142.8262379	30.81	2.868	192.5	138.2696225
1.818	199.3	142.7430964	30.85	2.365	190.3	137.2889944
2.564	175	136.1668004	30.97	3.038	169.4	138.2203136
3.083	190.7	137.4512019	30.92	3.986	181.7	135.458704
3.204	182.4	135.4919297	30.75	3.705	176.1	135.9221983
2.56	191.9	137.9805921	30.69	3.432	181.6	135.4556091
2.466	190.6	137.4099861	30.63	3.297	183.2	135.5547035
2.347	192.3	138.1714606	30.51	3.092	186.5	136.0950271
3.234	182.2	135.4803714	30.5	3.674	177.2	135.7284098
2.523	182.6	135.5051412	30.49	2.795	177.9	135.6313781
2.853	191.3	137.7078372	30.47	3.578	182	135.4704656
2.386	189.3	136.9142707	30.46	3.042	180.7	135.4463252
2.882	185.5	135.8831963	30.46	3.478	179.8	135.4704656
2.536	189.7	137.0589052	30.37	3.229	182.3	135.4859439
2.91	187.4	136.3217962	30.39	3.701	180.7	135.4463252
2.569	190.3	137.2889944	30.44	3.442	184.6	135.7284098
2.018	194.6	139.411891	30.49	2.366	186.7	136.1424529
1.733	194.5	139.3528135	30.65	2.064	188.1	136.5220169
1.925	188.5	136.6458601	30.91	2.214	179.7	135.475212
1.993	182.2	135.4803714	31.07	2.644	176.2	135.9024875
2.266	189.8	137.0961561	31.14	2.717	185.7	135.9221983
2.54	215.4	164.3504379	30.91	3.354	207.6	151.6116385
2.261	209.1	153.6876994	30.76	2.822	198.5	142.096964
2.511	206.1	149.6921424	30.69	3.193	198.5	142.096964
2.317	200.5	143.7762629	30.65	2.913	193.9	139.008273
2.723	203.2	146.3943767	30.6	3.046	196.1	140.355632
2.71	206.5	150.1891937	30.51	3.467	198.8	142.3353263
2.451	191.9	137.9805921	30.38	3.005	184	135.6439919
2.524	184.3	135.6843278	30.14	3.454	176.6	135.8278372
2.86	204.4	147.6953406	29.94	3.821	194.3	139.23608
2.435	188.7	136.7103661	29.92	3.397	184.4	135.6986053
2.62	186.7	136.1424529	29.95	3.17	181.3	135.4488008
2.284	192.5	138.2696225	30.09	2.692	183.9	135.6313781
2.001	182.4	135.4919297	30.34	2.319	175.6	136.0270567
2.276	173	136.743267	30.59	2.433	168	138.952495
2.234	183.4	135.5745369	30.77	2.754	177.9	135.6313781
2.339	183.7	135.6073966	30.88	2.868	177.3	135.7132992
2.347	193.3	138.6806025	30.91	3.164	186.5	136.0950271
2.388	200.9	144.1380905	30.9	2.905	191.4	137.7521729
2.217	187.5	136.3491176	30.98	2.649	180.4	135.4506575
2.307	181.6	135.4556091	31.05	2.815	176.4	135.8643244
2.196	187.2	136.2684311	31.04	2.749	179.8	135.4704656
2.329	188.2	136.5523328	31.01	2.589	182.4	135.4919297
2.302	198.8	142.3353263	30.99	2.944	191.3	137.7078372

30.26	3.716	187.5	136.3491176	135.5789546	Yes
30.39	3.865	188.1	136.5220169	136.880732	Yes
30.54	3.395	193.3	138.6806025	138.4581601	Yes
30.66	3.059	200.8	144.0468045	142.9069341	Yes
30.7	3.867	202.1	145.2773166	142.8598167	Yes
30.73	3.281	196.7	140.7638403	142.4119939	Yes
30.81	3.47	203	146.1859844	142.9708968	Yes
30.79	3.117	198.6	142.1758963	142.8838287	Yes
30.84	2.778	199.4	142.8262379	140.5511582	Yes
30.95	3.491	179.1	135.5123672	137.2879134	Yes
30.9	4.64	190.2	137.249547	137.1554566	Yes
30.75	4.796	183.5	135.5850754	136.0896045	Yes
30.68	3.605	188.4	136.6142539	137.5923512	Yes
30.64	3.674	189.6	137.0220917	136.7695595	Yes
30.53	3.508	191.1	137.6205085	137.6409704	Yes
30.52	4.701	184.4	135.6986053	135.6944918	Yes
30.49	3.752	186.1	136.0052434	135.6135761	Yes
30.47	4.255	190.7	137.4512019	136.4282883	Yes
30.47	3.637	188	136.4921301	136.8681452	Yes
30.49	4.179	187	136.2167669	135.8507181	Yes
30.41	3.769	190.5	137.3692134	136.6360855	Yes
30.43	4.285	189.9	137.1338452	136.290284	Yes
30.48	3.859	189.3	136.9142707	137.1740651	Yes
30.53	2.797	193.7	138.8971847	139.8095019	Yes
30.68	2.521	196.5	140.6257933	137.8606049	Yes
30.9	2.659	188.5	136.6458601	135.7816083	Yes
31.04	3.159	182.7	135.5123672	135.5852331	Yes
31.11	3.372	193.9	139.008273	136.4953626	Yes
30.86	3.831	215	163.5696028	159.5253844	Yes
30.72	3.384	204.9	148.2635581	147.9368285	Yes
30.65	3.648	204.1	147.3618674	147.5215836	Yes
30.63	3.311	198.9	142.4158267	144.13158	Yes
30.58	3.647	205	148.379085	145.8923495	Yes
30.5	4.072	207.3	151.2154981	148.0824055	Yes
30.41	3.633	191.9	137.9805921	136.7991864	Yes
30.19	3.884	184.2	135.6704665	136.423664	Yes
30.02	4.307	201.3	144.5088047	145.5366612	Yes
30	3.638	191.1	137.6205085	137.7020778	Yes
30.03	3.689	190.6	137.4099861	136.2665599	Yes
30.15	3.244	193.1	138.5750946	136.8679002	Yes
30.4	2.729	183	135.5365272	135.8557019	Yes
30.61	3.151	176.3	135.8831963	138.6159625	Yes
30.77	3.116	185	135.7930238	135.54925	Yes
30.87	3.344	184.9	135.7762441	135.9623977	Yes
30.92	3.46	193.5	138.7879636	137.8688604	Yes
30.9	3.212	197.9	141.6342428	140.964631	Yes
30.99	3.095	188.2	136.5523328	136.0221126	Yes
31.07	3.437	183.4	135.5745369	135.6877853	Yes
31.05	3.214	186	135.9838512	136.3916517	Yes
31	3.247	189.4	136.949775	136.3979746	Yes
30.98	3.398	197.9	141.6342428	142.8072025	Yes

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7/28/2019	17:17	31.27	1.109
7/28/2019	17:18	31.28	1.073
7/28/2019	17:19	31.3	0.976
7/28/2019	17:20	31.32	1.073
7/28/2019	17:21	31.3	1.078
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7/28/2019	17:23	31.33	0.901
7/28/2019	17:24	31.16	1.075
7/28/2019	17:25	30.93	0.989
7/28/2019	17:26	30.91	0.752
7/28/2019	17:27	30.73	0.972
7/28/2019	17:28	30.44	0.922
7/28/2019	17:29	30.2	0.837
7/28/2019	17:30	30.07	0.962
7/28/2019	17:31	30.23	0.812
7/28/2019	17:32	30.48	0.867
7/28/2019	17:33	30.74	0.768
7/28/2019	17:34	30.94	1.113
7/28/2019	17:35	31.06	1.183
7/28/2019	17:36	31.11	0.927
7/28/2019	17:37	31.19	1.118
7/28/2019	17:38	31.16	1.103
7/28/2019	17:39	31.06	1.207
7/28/2019	17:40	30.99	1.011
7/28/2019	17:41	30.96	1.153
7/28/2019	17:42	30.93	1.041
7/28/2019	17:43	30.89	1.198
7/28/2019	17:44	30.89	0.891
7/28/2019	17:45	30.93	1.017
7/28/2019	17:46	30.94	1.137
7/28/2019	17:47	30.95	0.848
7/28/2019	17:48	30.99	0.987
7/28/2019	17:49	31	1.136
7/28/2019	17:50	30.94	0.964
7/28/2019	17:51	30.91	0.805
7/28/2019	17:52	30.91	1.077
7/28/2019	17:53	30.76	1.117
7/28/2019	17:54	30.74	1.171
7/28/2019	17:55	30.73	0.89
7/28/2019	17:56	30.72	0.899
7/28/2019	17:57	30.78	0.968
7/28/2019	17:58	30.85	1.227
7/28/2019	17:59	30.85	0.919
7/28/2019	18:00	30.88	0.711
7/28/2019	18:01	30.88	0.907
7/28/2019	18:02	30.85	1.002
7/28/2019	18:03	30.83	1.194
7/28/2019	18:04	30.8	0.934
7/28/2019	18:05	30.71	1.073

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188.6	136.6778973	31.95
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209.1	153.6876994	31.95
185.1	135.8102214	31.97
204.8	148.1486618	31.98
205.3	148.729472	31.93
188.4	136.6142539	32.01
186.1	136.0052434	31.85
208.3	152.5604335	31.51
206.2	149.8154124	31.46
200.3	143.5986496	31.29
195.9	140.2234999	30.91
186	135.9838512	30.59
200.5	143.7762629	30.41
215.2	163.9580918	30.65
207.3	151.2154981	31.02
192.1	138.0751192	31.37
184.8	135.759882	31.68
211.2	156.8753741	31.81
207.1	150.9548471	31.85
188.2	136.5523328	31.96
198.5	142.096964	31.91
185.4	135.8643244	31.78
193.5	138.7879636	31.7
192.9	138.471433	31.66
207.3	151.2154981	31.62
204.7	148.034394	31.58
194.3	139.23608	31.57
215.6	164.7466785	31.6
205.1	148.4952449	31.58
213.6	160.955157	31.57
205.9	149.4475739	31.61
201.8	144.9848547	31.62
220.8	176.5532489	31.51
211.8	157.8499471	31.46
229.4	188.6290418	31.45
219.4	173.0693692	31.2
213.7	161.1359522	31.15
217	167.6326681	31.14
211.3	157.0357721	31.17
200.4	143.6871825	31.31
188.1	136.5220169	31.43
202	145.1792559	31.5
212	158.1813694	31.57
209.8	154.712722	31.56
202.9	146.0826775	31.54
191.2	137.6639493	31.51
195.5	139.9650888	31.49
200.3	143.5986496	31.42

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1.575	193.4
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2.023	178.6
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1.556	194.9
1.438	178.9
1.837	190.2
1.13	204.2
1.461	204.4
1.357	186.9
1.634	178.5
1.883	191.2
1.411	198.4
1.681	185.8
2.056	185
2.157	185.2
1.645	188.6
1.89	177
1.905	198.5
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1.45	208.6
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1.333	205.8
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1.95	195.3
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1.725	223.2
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1.453	195.8
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1.649	207.3
1.437	195.7
1.805	181.3
1.596	187.4
1.871	189.1

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135.5850754	31.16
146.4994658	31.15
138.734051	31.18
143.5986496	31.18
135.4803714	31.21
142.9941199	31.17
143.249962	31.11
135.5365272	31.18
135.5547035	31.01
137.3692134	30.73
145.2773166	30.74
139.3528135	30.6
139.5919783	30.31
135.52806	30.08
137.249547	29.96
147.4724086	30.19
147.6953406	30.51
136.1915717	30.78
135.564413	30.99
137.6639493	31.05
142.0185516	31.04
135.9423289	31.1
135.7930238	31.05
135.8278372	30.92
136.6778973	30.84
135.759882	30.81
142.096964	30.78
147.0339187	30.75
139.7763685	30.77
152.9777221	30.82
148.034394	30.81
149.3262707	30.83
139.7763685	30.85
139.8387928	30.84
173.0693692	30.77
165.5509953	30.76
183.1257514	30.76
158.3483275	30.62
152.9777221	30.58
163.9580918	30.58
153.4015168	30.6
141.8632814	30.67
135.5745369	30.75
140.1581671	30.79
151.7450728	30.8
151.2154981	30.78
140.0933217	30.75
135.4488008	30.74
136.3217962	30.67
136.8445673	30.6

2.621	192.1	138.0751192	30.94	3.144	186.6	136.1185285
2.718	189	136.810367	30.86	3.447	181.1	135.4463252
2.214	206.8	150.5689831	30.84	2.796	196.5	140.6257933
2.247	199.5	142.9099119	30.86	2.748	191.8	137.9340071
2.273	203.2	146.3943767	30.86	2.791	194.5	139.3528135
2.399	188.6	136.6778973	30.87	2.899	181.4	135.4506575
2.338	202.7	145.8778326	30.83	2.809	194.2	139.1784222
2.261	202.6	145.7762909	30.76	2.693	195	139.6529623
2.094	185.2	135.8278372	30.82	2.152	180.2	135.4556091
2.68	182.5	135.4983288	30.7	3.261	175.7	136.0052434
2.205	195.6	140.0289626	30.44	2.958	185.9	135.9628798
1.973	203.6	146.8183282	30.47	2.623	195.4	139.9016992
2.366	201.7	144.8885107	30.38	3.01	193.2	138.6276173
1.818	197.6	141.4098131	30.1	2.254	190.4	137.328883
1.892	185.9	135.9628798	29.88	2.117	180.5	135.4488008
2.197	195.2	139.7763685	29.81	2.839	187.2	136.2684311
1.719	203.7	146.9258206	30.06	1.958	200.3	143.5986496
1.905	203.5	146.7114396	30.35	2.336	200	143.3363204
1.737	189.6	137.0220917	30.59	2.213	186.9	136.1915717
2.454	187.6	136.3768654	30.78	2.836	179.5	135.4859439
2.545	196.3	140.4897269	30.81	2.999	188.8	136.743267
1.841	199.3	142.7430964	30.76	2.289	193.2	138.6276173
2.521	191	137.577514	30.8	2.94	183.4	135.5745369
2.483	190.3	137.2889944	30.77	3.351	181.7	135.458704
2.77	189	136.810367	30.67	3.554	184	135.6439919
2.265	192.7	138.3696112	30.58	2.905	185.3	135.8458714
2.582	183.2	135.5547035	30.57	3.047	176.3	135.8831963
2.481	202.9	146.0826775	30.55	3.022	194.7	139.4714437
2.175	206.7	150.441715	30.51	2.757	199.4	142.8262379
1.995	198.4	142.0185516	30.52	2.339	193.7	138.8971847
2.171	211.3	157.0357721	30.55	2.56	203.8	147.0339187
2.353	207.1	150.9548471	30.56	2.789	198	141.7100752
1.789	205.8	149.3262707	30.57	2.234	200.9	144.1380905
2.266	199	142.4968525	30.59	2.911	192.6	138.3193881
2.581	198.1	141.786421	30.57	3.206	192	138.0276292
2.083	217.3	168.2774801	30.51	2.543	211.8	157.8499471
1.712	212.8	159.540656	30.5	2.264	208	152.1495751
2.491	221.4	178.1226162	30.49	2.951	215.2	163.9580918
2.637	213.1	160.0645165	30.4	3.239	207.2	151.0848301
2.553	212.4	158.8542338	30.38	3.305	203.4	146.6051528
2.212	213.3	160.4181218	30.39	2.969	206.3	149.9393426
1.9	207.8	151.8792052	30.38	2.193	202.8	145.9799608
2.151	201.8	144.9848547	30.42	2.606	193.9	139.008273
2.757	189.7	137.0589052	30.5	3.282	180.8	135.4457063
2.066	198.8	142.3353263	30.53	2.513	189.7	137.0589052
1.594	208.5	152.8379067	30.51	2.133	202.6	145.7762909
2.079	204.9	148.2635581	30.5	2.678	198.4	142.0185516
2.071	201.4	144.6028841	30.45	2.426	193	138.5230334
2.544	186.7	136.1424529	30.46	3.028	182.1	135.475212
2.163	192.2	138.1230627	30.39	2.612	186.2	136.0270567
2.636	195.9	140.2234999	30.33	2.941	187.8	136.4336422

30.93	3.761	195	139.6529623	136.790455	Yes
30.86	3.973	189.5	136.9857152	136.1299162	Yes
30.85	3.322	205.2	148.6120398	147.0658063	Yes
30.87	3.207	199.4	142.8262379	141.6801486	Yes
30.85	3.344	203	146.1859844	145.7583848	Yes
30.88	3.651	190.2	137.249547	135.8547869	Yes
30.84	3.441	200.7	143.9560723	144.0497591	Yes
30.76	3.27	204.2	147.4724086	144.3521718	Yes
30.82	2.943	188.6	136.6778973	135.8585568	Yes
30.71	3.82	183.3	135.564413	135.7658798	Yes
30.46	3.227	194.6	139.411891	141.4803723	Yes
30.51	2.975	202.5	145.6753339	145.4531891	Yes
30.43	3.547	202.9	146.0826775	141.6168978	Yes
30.19	2.774	198.6	142.1758963	139.6385436	Yes
30	2.704	190.8	137.4928614	135.730898	Yes
29.92	3.246	195.9	140.2234999	139.2676524	Yes
30.15	2.579	205	148.379085	150.4887426	Yes
30.41	2.737	205.7	149.2056183	147.2396497	Yes
30.62	2.449	192.3	138.1714606	136.8700886	Yes
30.8	3.479	189.8	137.0961561	135.7967761	Yes
30.82	3.795	196.1	140.355632	142.9430793	Yes
30.77	2.643	200.5	143.7762629	143.5860281	Yes
30.81	3.587	192	138.0276292	136.4116782	Yes
30.8	3.711	189.7	137.0589052	137.6594216	Yes
30.71	4.027	193.3	138.6806025	136.0366301	Yes
30.62	3.376	191.2	137.6639493	137.4203359	Yes
30.64	3.709	185.1	135.8102214	136.4173037	Yes
30.6	3.701	202.5	145.6753339	144.7166458	Yes
30.57	3.044	206.5	150.1891937	147.0840664	Yes
30.57	2.934	201.7	144.8885107	139.9820462	Yes
30.59	3.118	210.5	155.7749165	155.4485228	Yes
30.61	3.25	206.3	149.9393426	147.2986403	Yes
30.62	2.649	207.8	151.8792052	150.9364472	Yes
30.63	3.345	202	145.1792559	142.5100458	Yes
30.61	3.733	198.9	142.4158267	141.1594244	Yes
30.56	3.053	217.9	169.5961403	168.9375113	Yes
30.53	2.505	213	159.8890273	158.7727934	Yes
30.51	3.569	222.2	180.290119	178.4588753	Yes
30.42	3.856	213.8	161.3176459	160.6417608	Yes
30.41	3.715	212.7	159.3677662	154.8932652	Yes
30.42	3.134	212.2	158.5161218	160.4870561	Yes
30.42	2.756	209.9	154.8621634	152.0741137	Yes
30.46	3.01	201.1	144.3223303	142.3858979	Yes
30.55	4.002	191.6	137.8421902	136.1502913	Yes
30.59	2.839	199.1	142.5784051	141.1829136	Yes
30.57	2.271	208.1	152.2858181	152.1351599	Yes
30.55	2.879	203.8	147.0339187	149.0525825	Yes
30.49	2.986	200.6	143.8658923	142.3254792	Yes
30.51	3.784	190.3	137.2889944	136.1826037	Yes
30.47	3.137	192.9	138.471433	137.6092511	Yes
30.42	3.774	194.7	139.4714437	139.2750898	Yes

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7/28/2019	18:07	30.54	1.083
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7/28/2019	18:09	30.32	0.753
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7/28/2019	18:11	30.36	0.977
7/28/2019	18:12	30.36	1.059
7/28/2019	18:13	30.34	0.852
7/28/2019	18:14	30.35	0.743
7/28/2019	18:15	30.33	0.69
7/28/2019	18:16	30.28	0.502
7/28/2019	18:17	30.11	0.575
7/28/2019	18:18	29.92	0.576
7/28/2019	18:19	29.73	0.629
7/28/2019	18:20	29.54	0.471
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7/28/2019	18:22	29.16	0.403
7/28/2019	18:23	29.02	0.342
7/28/2019	18:24	28.86	0.482
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7/28/2019	18:27	28.56	0.222
7/28/2019	18:28	28.52	0.286
7/28/2019	18:29	28.59	0.346
7/28/2019	18:30	28.79	0.435
7/28/2019	18:31	29.03	0.547
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7/28/2019	18:38	29.45	0.454
7/28/2019	18:39	29.41	0.37
7/28/2019	18:40	29.4	0.396
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7/28/2019	18:42	29.27	0.592
7/28/2019	18:43	29.2	0.368
7/28/2019	18:44	29.14	0.426
7/28/2019	18:45	29.09	0.328
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7/28/2019	18:47	29.02	0.545
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7/28/2019	18:53	28.56	0.369
7/28/2019	18:54	28.51	0.299
7/28/2019	18:55	28.49	0.271
7/28/2019	18:56	28.5	0.362

194	139.0645196	31.36
207.8	151.8792052	31.27
201.1	144.3223303	31.02
202.2	145.3759529	30.98
205.1	148.4952449	31.02
193.8	138.952495	31.07
209	153.5442409	31.08
200.5	143.7762629	31.03
219.2	172.5912057	31.04
205.2	148.6120398	31
199.1	142.5784051	30.93
207.1	150.9548471	30.72
204.8	148.1486618	30.46
202.7	145.8778326	30.2
206.7	150.441715	29.98
219.1	172.3538995	29.76
200.8	144.0468045	29.54
197.7	141.484113	29.37
209	153.5442409	29.19
197.7	141.484113	29.06
187.1	136.2423866	28.97
182.5	135.4983288	28.92
194.7	139.4714437	28.93
181.5	135.452927	29.11
187.7	136.4050401	29.49
186.5	136.0950271	29.89
188.5	136.6458601	30.23
188.8	136.743267	30.44
189.6	137.0220917	30.52
188.6	136.6778973	30.47
174.4	136.3217962	30.36
192.9	138.471433	30.24
171.8	137.171973	30.24
175.1	136.1424529	30.29
185.8	135.9423289	30.32
178.4	135.5745369	30.29
186.3	136.0492916	30.12
182.1	135.475212	29.98
177	135.759882	29.95
176.2	135.9024875	29.93
182.9	135.52806	29.95
189.2	136.8792016	29.92
185.8	135.9423289	29.78
189.6	137.0220917	29.63
182.3	135.4859439	29.47
200	143.3363204	29.35
185.2	135.8278372	29.25
192.3	138.1714606	29.18
178.9	135.52806	29.12
182.8	135.5200067	29.14
191.1	137.6205085	29.23

1.38	195
1.95	203.1
1.47	192.7
1.286	197.4
1.249	196.8
1.744	193.2
1.444	200
1.427	203.6
1.319	213.5
1.134	199.4
0.949	192.8
0.995	200.3
1.17	197.3
1.403	197.5
0.984	200.6
1.084	203
0.819	193.9
0.811	194
1.037	198.9
0.941	191.7
0.786	181.4
0.701	179.7
0.921	181.4
0.855	177.8
0.998	183.2
1.19	176.6
0.97	185.8
0.874	186.5
0.915	185
1.114	181.2
1.195	183.7
1.253	180.8
0.796	168.3
0.802	169.5
0.92	173.4
1.124	173.5
1.289	177.5
0.773	177.4
1.045	172.3
0.919	171.6
0.794	180
1.182	181.4
1.298	181.6
1.339	182.2
1.083	177.5
1.212	179.5
1.007	177.2
1.113	179.4
0.922	177.2
0.891	176.9
0.69	178.5

139.6529623	30.53
146.2898835	30.45
138.3696112	30.27
141.262737	30.24
140.8336095	30.3
138.6276173	30.37
143.3363204	30.37
146.8183282	30.33
160.7752562	30.35
142.8262379	30.38
138.4202926	30.33
143.5986496	30.15
141.1899582	29.91
141.3360215	29.72
143.8658923	29.52
146.1859844	29.33
139.008273	29.18
139.0645196	29.02
142.4158267	28.88
137.8878733	28.8
135.4506575	28.72
135.475212	28.69
135.4506575	28.7
135.6439919	28.83
135.5547035	29.14
135.8278372	29.46
135.9423289	29.71
136.0950271	29.86
135.7930238	29.91
135.4473567	29.87
135.6073966	29.77
135.4457063	29.69
138.7879636	29.67
138.1714606	29.67
136.6142539	29.66
136.5830783	29.61
135.6843278	29.51
135.6986053	29.42
136.9857152	29.37
137.249547	29.34
135.4622116	29.32
135.4506575	29.29
135.4556091	29.21
135.4803714	29.1
135.6843278	29
135.4859439	28.92
135.7284098	28.84
135.4919297	28.79
135.7284098	28.74
135.7762441	28.74
135.564413	28.79

1.909	195.1	139.7144254	30.27	2.379	187.7	136.4050401
2.374	205.5	148.9662571	30.21	3.051	198.4	142.0185516
1.767	199.4	142.8262379	30.04	2.238	192.6	138.3193881
1.647	200.7	143.9560723	30	2.062	193.3	138.6806025
1.625	200	143.3363204	30.05	2.039	191.9	137.9805921
2.047	198	141.7100752	30.13	2.653	189	136.810367
1.962	203.4	146.6051528	30.13	2.373	196.4	140.557513
1.907	205.4	148.8475437	30.07	2.294	196	140.2893212
1.683	216.3	166.1647422	30.08	2.025	206.2	149.8154124
1.505	204.5	147.8077356	30.13	1.688	195.1	139.7144254
1.257	201.3	144.5088047	30.06	1.487	194.9	139.5919783
1.358	201.1	144.3223303	29.88	1.574	198.3	141.9406579
1.357	204.9	148.2635581	29.67	1.749	198.5	142.096964
1.709	203.9	147.1426245	29.54	1.942	195.1	139.7144254
1.313	205.1	148.4952449	29.36	1.432	198.6	142.1758963
1.371	210.4	155.6208578	29.18	1.448	202.3	145.4751667
0.943	202.1	145.2773166	29.05	1.116	196	140.2893212
0.954	202	145.1792559	28.87	1.072	195	139.6529623
1.139	209.5	154.2689366	28.78	1.524	198.7	142.25535
1.014	202	145.1792559	28.73	1.246	193.9	139.008273
0.838	194.6	139.411891	28.66	1.033	187.3	136.2949008
0.7	189.6	137.0220917	28.62	0.958	180.2	135.4556091
0.857	188.5	136.6458601	28.65	1.212	180.8	135.4457063
0.895	183.6	135.5960285	28.78	1.232	181.5	135.452927
1.3	187.3	136.2949008	29.07	1.467	181.4	135.4506575
1.429	187.9	136.4626721	29.35	1.689	178.5	135.564413
1.15	189.6	137.0220917	29.54	1.503	183.3	135.564413
1.352	189.9	137.1338452	29.65	1.427	183.3	135.564413
1.118	192.7	138.3696112	29.67	1.324	185.3	135.8458714
1.3	189.3	136.9142707	29.62	1.614	183.5	135.5850754
1.413	187.6	136.3768654	29.53	1.622	179.6	135.4803714
1.361	188	136.4921301	29.48	1.755	181.2	135.4473567
1.073	178.2	135.5960285	29.46	1.221	173.2	136.6778973
0.921	174.4	136.3217962	29.44	1.121	167.3	139.3528135
0.956	177.1	135.7439374	29.41	1.264	172.5	136.9142707
1.281	180.8	135.4457063	29.36	1.503	174.4	136.3217962
1.523	189	136.810367	29.27	1.77	179.8	135.4704656
0.972	183.5	135.5850754	29.18	1.168	176.9	135.7762441
1.045	181.7	135.458704	29.13	1.444	171.9	137.1338452
0.845	178.2	135.5960285	29.13	1.185	172.1	137.0589052
0.916	182.3	135.4859439	29.09	1.034	177.4	135.6986053
1.333	190.9	137.5349652	29.05	1.605	181.8	135.4622116
1.408	189.2	136.8792016	29	1.74	180.8	135.4457063
1.337	189.7	137.0589052	28.91	1.813	182.6	135.5051412
1.112	182.3	135.4859439	28.84	1.376	177.6	135.6704665
1.135	189.3	136.9142707	28.77	1.623	180.1	135.458704
0.952	185	135.7930238	28.7	1.32	177.8	135.6439919
0.97	189.7	137.0589052	28.65	1.405	179.3	135.4983288
0.791	181.3	135.4488008	28.61	1.112	178.1	135.6073966
0.758	184.3	135.6843278	28.59	1.075	177.3	135.7132992
0.741	185.1	135.8102214	28.62	0.91	178.8	135.5365272

30.36	2.872	194.1	139.1212357	138.7092369	Yes
30.3	3.48	205.6	149.0856146	147.2884744	Yes
30.17	2.608	199.2	142.6604859	140.9593919	Yes
30.12	2.473	197.5	141.3360215	142.3188412	Yes
30.17	2.404	199.2	142.6604859	142.6614417	Yes
30.25	3.048	197.2	141.1176841	139.0251387	Yes
30.24	2.725	201.7	144.8885107	146.0108068	Yes
30.18	2.729	203.5	146.7114396	144.932864	Yes
30.2	2.279	215.1	163.7633675	162.3366541	Yes
30.24	1.976	203.2	146.3943767	144.7401097	Yes
30.18	1.76	202.6	145.7762909	141.2748702	Yes
29.99	1.94	203.3	146.4994658	145.2041212	Yes
29.79	1.913	204.3	147.5835656	144.9247855	Yes
29.66	2.369	204.1	147.3618674	143.517726	Yes
29.48	1.887	206.9	150.6969261	146.2446871	Yes
29.32	1.97	211.7	157.6854758	154.9089771	Yes
29.22	1.426	205.3	148.729472	142.1554288	Yes
29.04	1.464	203.3	146.4994658	141.3452127	Yes
28.97	1.805	206.9	150.6969261	148.1210885	Yes
28.95	1.56	204.9	148.2635581	140.8898788	Yes
28.89	1.403	195.6	140.0289626	136.849959	Yes
28.88	1.147	191.6	137.8421902	135.8628104	Yes
28.92	1.283	187.7	136.4050401	136.7534169	Yes
29.06	1.422	194.7	139.4714437	135.5364686	Yes
29.35	1.687	190.6	137.4099861	135.9263255	Yes
29.61	1.906	189.6	137.0220917	135.9874874	Yes
29.78	1.655	192.6	138.3193881	136.2936734	Yes
29.87	1.838	194	139.0645196	136.3841381	Yes
29.89	1.637	193.5	138.7879636	136.7576495	Yes
29.82	1.977	192.8	138.4202926	136.15615	Yes
29.73	2.061	187.8	136.4336422	135.9466074	Yes
29.69	2.065	188.9	136.7766005	136.4641565	Yes
29.68	1.505	181	135.4457063	137.0584656	Yes
29.65	1.358	177	135.759882	137.4971308	Yes
29.6	1.365	179.3	135.4983288	136.3036977	Yes
29.54	1.977	185.2	135.8278372	135.9812794	Yes
29.44	2.109	188.5	136.6458601	136.003613	Yes
29.36	1.539	186.6	136.1185285	135.6337842	Yes
29.33	1.524	183	135.5365272	136.3345366	Yes
29.32	1.277	178.2	135.5960285	136.451742	Yes
29.28	1.459	184.6	135.7284098	135.5437052	Yes
29.25	1.909	189.1	136.8445673	136.331759	Yes
29.21	2.097	189.6	137.0220917	135.9307115	Yes
29.11	2.012	188.8	136.743267	136.2666274	Yes
29.03	1.707	184.8	135.759882	135.5816705	Yes
28.97	1.882	187.6	136.3768654	137.7988097	Yes
28.91	1.533	185.9	135.9628798	135.7483157	Yes
28.86	1.587	188	136.4921301	136.5551561	Yes
28.82	1.409	185.8	135.9423289	135.5781668	Yes
28.82	1.249	184.9	135.7762441	135.6734695	Yes
28.86	1.128	185.1	135.8102214	136.1329175	Yes

7/28/2019	18:57	28.54	0.365
7/28/2019	18:58	28.61	0.404
7/28/2019	18:59	28.72	0.321
7/28/2019	19:00	28.83	0.425
7/28/2019	19:01	28.94	0.325
7/28/2019	19:02	29.07	0.344
7/28/2019	19:03	29.2	0.403
7/28/2019	19:04	29.35	0.453
7/28/2019	19:05	29.46	0.442
7/28/2019	19:06	29.56	0.373
7/28/2019	19:07	29.63	0.555
7/28/2019	19:08	29.67	0.574
7/28/2019	19:09	29.69	0.474
7/28/2019	19:10	29.69	0.428
7/28/2019	19:11	29.69	0.557
7/28/2019	19:12	29.69	0.467
7/28/2019	19:13	29.65	0.622
7/28/2019	19:14	29.61	0.503
7/28/2019	19:15	29.57	0.523
7/28/2019	19:16	29.54	0.622
7/28/2019	19:17	29.52	0.451
7/28/2019	19:18	29.5	0.43
7/28/2019	19:19	29.43	0.423
7/28/2019	19:20	29.26	0.517
7/28/2019	19:21	29.11	0.41
7/28/2019	19:22	28.92	0.448
7/28/2019	19:23	28.74	0.446
7/28/2019	19:24	28.55	0.362
7/28/2019	19:25	28.4	0.413
7/28/2019	19:26	28.26	0.38
7/28/2019	19:27	28.13	0.32
7/28/2019	19:28	27.99	0.394
7/28/2019	19:29	27.86	0.338
7/28/2019	19:30	27.73	0.322
7/28/2019	19:31	27.6	0.391
7/28/2019	19:32	27.47	0.328
7/28/2019	19:33	27.36	0.25
7/28/2019	19:34	27.26	0.382
7/28/2019	19:35	27.2	0.336
7/28/2019	19:36	27.17	0.359
7/28/2019	19:37	27.15	0.34
7/28/2019	19:38	27.14	0.249
7/28/2019	19:39	27.14	0.339
7/28/2019	19:40	27.13	0.313
7/28/2019	19:41	27.09	0.4
7/28/2019	19:42	27.07	0.314
7/28/2019	19:43	27.04	0.35
7/28/2019	19:44	27	0.3
7/28/2019	19:45	26.99	0.251
7/28/2019	19:46	26.98	0.186
7/28/2019	19:47	26.96	0.178

183.9	135.6313781	29.36
188.3	136.5830783	29.53
187.1	136.2423866	29.73
187.7	136.4050401	29.92
170.6	137.6639493	30.14
176.2	135.9024875	30.42
168.3	138.7879636	30.73
179.8	135.4704656	31.01
173.8	136.4921301	31.2
178.3	135.5850754	31.4
182.3	135.4859439	31.52
181.1	135.4463252	31.59
177.3	135.7132992	31.56
176.9	135.7762441	31.59
181.5	135.452927	31.6
167.2	139.411891	31.63
165.6	140.4224336	31.61
168.3	138.7879636	31.52
177.4	135.6986053	31.47
171.6	137.249547	31.41
175.7	136.0052434	31.37
180.6	135.4473567	31.31
166.1	140.0933217	31.25
170.9	137.5349652	30.93
178.3	135.5850754	30.56
176.6	135.8278372	30.15
166.5	139.8387928	29.78
181.4	135.4506575	29.43
178.8	135.5365272	29.14
177.7	135.6570213	28.89
183.2	135.5547035	28.66
186.3	136.0492916	28.44
183.4	135.5745369	28.25
176.7	135.8102214	28.08
172.7	136.8445673	27.94
177	135.759882	27.81
183.7	135.6073966	27.67
182.7	135.5123672	27.57
179.4	135.4919297	27.58
167.7	139.1212357	27.66
170.7	137.6205085	27.79
174.1	136.4050401	27.93
169	138.4202926	28.08
161.7	143.4232201	28.19
161.8	143.3363204	28.26
167.3	139.3528135	28.3
160.5	144.5088047	28.33
164.1	141.484113	28.34
174.3	136.3491176	28.37
177.8	135.6439919	28.4
167.3	139.3528135	28.43

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0.885	170.8
0.973	175.1
0.779	173.7
0.646	168.4
0.718	165.7
0.656	160.5
0.808	169.8
0.727	166.6
0.758	162.2
0.981	161.8
0.961	164.5
0.922	167.6
0.85	164.9
0.85	163.1
0.785	157.3
0.965	156.7
0.914	154.4
0.976	161.6
0.909	160.7
0.987	167.1
0.832	166.1
0.78	161.4
1.013	166.2
0.957	163.1
1	167.1
0.979	166.9
0.993	168.3
1.019	172.6
0.839	174.2
0.804	177.8
0.85	173.4
0.791	173.3
0.697	168.8
0.81	169.9
0.695	172.4
0.71	169.8
0.872	169.6
0.873	172.6
0.755	166.4
0.688	169.1
0.655	167.7
0.657	170.3
0.587	162.7
0.649	161.8
0.66	164.5
0.564	163.5
0.595	164.3
0.544	166.2
0.449	168.6
0.374	168.1

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137.577514	29.02
136.1424529	29.18
136.5220169	29.33
138.734051	29.51
140.355632	29.7
144.5088047	29.9
138.0276292	30.09
139.7763685	30.22
142.9941199	30.36
143.3363204	30.41
141.1899582	30.44
139.1784222	30.43
140.9038772	30.46
142.25535	30.45
147.8077356	30.47
148.4952449	30.41
151.3468538	30.34
143.5106627	30.28
144.3223303	30.27
139.4714437	30.25
140.0933217	30.2
143.6871825	30.11
140.0289626	29.84
142.25535	29.58
139.4714437	29.28
139.5919783	28.99
138.7879636	28.75
136.8792016	28.55
136.3768654	28.39
135.6439919	28.21
136.6142539	28.05
136.6458601	27.93
138.5230334	27.8
137.9805921	27.66
136.949775	27.53
138.0276292	27.42
138.1230627	27.35
136.8792016	27.36
139.9016992	27.4
138.3696112	27.47
139.1212357	27.54
137.796957	27.62
142.5784051	27.66
143.3363204	27.66
141.1899582	27.66
141.9406579	27.65
141.3360215	27.63
140.0289626	27.65
138.6276173	27.66
138.8971847	27.67

0.916	181.2	135.4473567	28.69	1.027	174.6	136.2684311
1.068	184.9	135.7762441	28.82	1.163	174.4	136.3217962
0.812	180.2	135.4556091	28.96	1.204	175.2	136.1185285
0.891	182.2	135.4803714	29.09	1.024	172.4	136.949775
0.736	172	137.0961561	29.23	0.937	168.8	138.5230334
0.764	176.3	135.8831963	29.38	0.987	170.3	137.796957
0.829	166.4	139.9016992	29.54	0.966	163.1	142.25535
0.943	173.8	136.4921301	29.68	1.155	167.7	139.1212357
1.016	174.1	136.4050401	29.77	1.098	168.7	138.5750946
0.946	173.7	136.5220169	29.88	1.107	168.5	138.6806025
1.129	171.2	137.4099861	29.92	1.334	164.6	141.1176841
1.179	173.9	136.4626721	29.92	1.447	169.2	138.3193881
1.137	171.3	137.3692134	29.91	1.343	166.9	139.5919783
1.014	173.7	136.5220169	29.89	1.31	166.9	139.5919783
1.008	172.6	136.8792016	29.87	1.295	165.4	140.557513
0.955	167.1	139.4714437	29.88	1.141	162.6	142.6604859
1.167	167.7	139.1212357	29.82	1.474	160.7	144.3223303
1.04	166.6	139.7763685	29.79	1.371	162.2	142.9941199
1.113	170.4	137.7521729	29.74	1.462	163.6	141.8632814
1.185	172.7	136.8445673	29.74	1.351	165.2	140.6945686
1.196	173.4	136.6142539	29.74	1.417	167.2	139.411891
1.047	168.5	138.6806025	29.69	1.22	166.1	140.0933217
1.035	164.7	141.0459134	29.6	1.121	162.5	142.7430964
1.011	167.3	139.3528135	29.41	1.368	166.1	140.0933217
0.858	168.2	138.8423412	29.17	1.194	162.4	142.8262379
0.894	169.7	138.0751192	28.91	1.266	164.2	141.4098131
1.048	167.4	139.2942101	28.68	1.225	162.8	142.4968525
0.933	173	136.743267	28.49	1.273	167.4	139.2942101
0.88	175	136.1668004	28.34	1.209	169.7	138.0751192
0.838	178	135.6191797	28.21	1.037	173.1	136.7103661
0.728	184.9	135.7762441	28.07	1.028	176.8	135.7930238
0.838	180.1	135.458704	27.93	1.16	172.8	136.810367
0.757	179.5	135.4859439	27.82	1.059	171.7	137.21054
0.765	172	137.0961561	27.71	0.974	167.1	139.4714437
0.757	172.8	136.810367	27.6	1.083	167.1	139.4714437
0.735	179.1	135.5123672	27.49	1.01	172.3	136.9857152
0.666	176.7	135.8102214	27.38	0.957	171.3	137.3692134
0.863	173.3	136.6458601	27.31	1.149	169	138.4202926
0.797	174.5	136.2949008	27.32	1.213	168.8	138.5230334
0.839	172.9	136.7766005	27.34	1.007	167.1	139.4714437
0.735	170.1	137.8878733	27.39	0.94	167.1	139.4714437
0.66	168.5	138.6806025	27.43	0.847	164.9	140.9038772
0.66	172.9	136.7766005	27.46	0.867	165.5	140.4897269
0.679	163.2	142.1758963	27.48	0.855	157.5	147.5835656
0.678	163.4	142.0185516	27.45	0.847	159.1	145.8778326
0.645	164	141.5589225	27.42	0.865	158.8	146.1859844
0.626	163.9	141.6342428	27.39	0.803	158.9	146.0826775
0.582	167	139.5314724	27.36	0.865	160.6	144.4152874
0.487	170.7	137.6205085	27.33	0.724	161.4	143.6871825
0.428	174.3	136.3491176	27.32	0.62	165.1	140.7638403
0.428	169.2	138.3193881	27.31	0.547	163.5	141.9406579

28.94	1.271	183.3	135.564413	135.9982565	Yes
29.06	1.572	183.6	135.5960285	136.5646581	Yes
29.21	1.253	183.7	135.6073966	135.9897443	Yes
29.33	1.193	183	135.5365272	136.3393009	Yes
29.47	1.134	175.7	136.0052434	138.0042975	Yes
29.61	1.114	177.5	135.6843278	137.4845682	Yes
29.77	1.216	171.4	137.328883	141.3634544	Yes
29.88	1.43	176.7	135.8102214	137.2778652	Yes
29.94	1.415	174.5	136.2949008	137.8121584	Yes
30.07	1.272	177.4	135.6986053	138.4454537	Yes
30.08	1.558	171.3	137.3692134	139.3374836	Yes
30.09	1.697	178.6	135.5547035	137.8545859	Yes
30.09	1.742	175.1	136.1424529	137.9632283	Yes
30.07	1.502	174.5	136.2949008	138.1985291	Yes
30.07	1.545	174.7	136.2423866	138.7862479	Yes
30.07	1.361	168.8	138.5230334	142.337889	Yes
29.97	1.685	169	138.4202926	143.0903111	Yes
29.92	1.566	169.3	138.2696225	143.2263265	Yes
29.88	1.609	172.4	136.949775	139.7061806	Yes
29.9	1.559	173.9	136.4626721	139.7777533	Yes
29.91	1.721	174.5	136.2949008	137.875708	Yes
29.89	1.621	174.5	136.2949008	138.5786506	Yes
29.79	1.532	170.9	137.5349652	141.8923785	Yes
29.55	1.462	172.5	136.9142707	139.2525157	Yes
29.24	1.419	170.1	137.8878733	139.8772511	Yes
28.97	1.456	171.1	137.4512019	138.6960533	Yes
28.73	1.583	170.8	137.577514	140.3054584	Yes
28.55	1.502	174.9	136.1915717	137.5690246	Yes
28.43	1.44	178.4	135.5745369	136.6644121	Yes
28.33	1.354	181.6	135.4556091	136.0908581	Yes
28.19	1.269	181.7	135.458704	135.6919908	Yes
28.06	1.406	180.8	135.4457063	136.2331541	Yes
27.96	1.358	180.2	135.4556091	136.2292202	Yes
27.85	1.358	175.7	136.0052434	137.7252137	Yes
27.74	1.319	174.4	136.3217962	137.7767425	Yes
27.64	1.218	178.5	135.564413	136.3019349	Yes
27.54	1.198	176.9	135.7762441	136.7036152	Yes
27.49	1.448	177.8	135.6439919	137.1753956	Yes
27.52	1.235	176.5	135.8458714	136.7972664	Yes
27.57	1.389	176.1	135.9221983	138.8177448	Yes
27.63	1.168	175.6	136.0270567	138.3373592	Yes
27.67	1.153	174.8	136.2167669	138.7776889	Yes
27.71	1.084	175.2	136.1185285	138.3708942	Yes
27.71	1.067	169.2	138.3193881	143.9402718	Yes
27.64	1.063	167.2	139.411891	143.6422562	Yes
27.61	1.149	169.6	138.1230627	142.0719197	Yes
27.58	1.092	167.9	139.008273	143.5415957	Yes
27.54	1.069	170.2	137.8421902	141.6917236	Yes
27.51	0.868	170.9	137.5349652	139.4214428	Yes
27.5	0.83	173.5	136.5830783	137.8461418	Yes
27.51	0.813	172.7	136.8445673	139.627511	Yes

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7/28/2019	19:49	26.91	0.191
7/28/2019	19:50	26.89	0.191
7/28/2019	19:51	26.86	0.225
7/28/2019	19:52	26.85	0.198
7/28/2019	19:53	26.82	0.152
7/28/2019	19:54	26.78	0.158
7/28/2019	19:55	26.74	0.167
7/28/2019	19:56	26.69	0.182
7/28/2019	19:57	26.64	0.194
7/28/2019	19:58	26.58	0.166
7/28/2019	19:59	26.5	0.171
7/28/2019	20:00	26.41	0.126
7/28/2019	20:01	26.3	0.178
7/28/2019	20:02	26.18	0.182
7/28/2019	20:03	26.07	0.143
7/28/2019	20:04	25.96	0.143
7/28/2019	20:05	25.85	0.202
7/28/2019	20:06	25.72	0.224
7/28/2019	20:07	25.61	0.221
7/28/2019	20:08	25.5	0.197
7/28/2019	20:09	25.41	0.166
7/28/2019	20:10	25.34	0.183
7/28/2019	20:11	25.27	0.222
7/28/2019	20:12	25.2	0.191
7/28/2019	20:13	25.13	0.235
7/28/2019	20:14	25.07	0.268
7/28/2019	20:15	25.01	0.26
7/28/2019	20:16	24.94	0.303
7/28/2019	20:17	24.87	0.308
7/28/2019	20:18	24.8	0.371
7/28/2019	20:19	24.73	0.351
7/28/2019	20:20	24.67	0.403
7/28/2019	20:21	24.6	0.411
7/28/2019	20:22	24.54	0.369
7/28/2019	20:23	24.49	0.362
7/28/2019	20:24	24.43	0.432
7/28/2019	20:25	24.38	0.35
7/28/2019	20:26	24.33	0.321
7/28/2019	20:27	24.27	0.369
7/28/2019	20:28	24.2	0.305
7/28/2019	20:29	24.14	0.331
7/28/2019	20:30	24.07	0.321
7/28/2019	20:31	24.01	0.233
7/28/2019	20:32	23.95	0.206
7/28/2019	20:33	23.89	0.204
7/28/2019	20:34	23.83	0.189
7/28/2019	20:35	23.77	0.177
7/28/2019	20:36	23.71	0.193
7/28/2019	20:37	23.65	0.169
7/28/2019	20:38	23.59	0.195

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187.3	136.2949008	28.47
171.4	137.328883	28.47
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189.5	136.9857152	28.39
179.4	135.4919297	28.33
175.6	136.0270567	28.29
184.4	135.6986053	28.25
179.4	135.4919297	28.18
202.2	145.3759529	28.04
186	135.9838512	27.87
187.8	136.4336422	27.67
172.3	136.9857152	27.46
165.8	140.2893212	27.26
162.7	142.5784051	27.05
169.2	138.3193881	26.84
162.5	142.7430964	26.66
151	156.2417902	26.49
146.3	164.548069	26.28
147.4	162.4269132	26.1
152.4	154.1225109	25.94
167.7	139.1212357	25.8
169	138.4202926	25.7
169.8	138.0276292	25.59
169.7	138.0751192	25.49
170.6	137.6639493	25.38
178.5	135.564413	25.28
185.2	135.8278372	25.18
174.3	136.3491176	25.08
176.5	135.8458714	24.98
180.3	135.452927	24.89
183.2	135.5547035	24.81
184.7	135.7439374	24.73
184.8	135.759882	24.65
177.3	135.7132992	24.59
167	139.5314724	24.52
177.8	135.6439919	24.45
167.3	139.3528135	24.38
162.9	142.4158267	24.31
164.2	141.4098131	24.25
162.9	142.4158267	24.18
166	140.1581671	24.12
164.1	141.484113	24.05
158.5	146.4994658	23.99
162.2	142.9941199	23.92
163.5	141.9406579	23.86
157.9	147.1426245	23.8
167.7	139.1212357	23.73
165.8	140.2893212	23.67
167.9	139.008273	23.61
168.6	138.6276173	23.54

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0.365	170.8
0.367	172.8
0.338	177.4
0.363	173.9
0.307	170
0.304	173.1
0.347	176.3
0.281	181.7
0.259	179.8
0.265	176.7
0.257	166.7
0.23	159.9
0.264	158.4
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0.227	155.2
0.254	144.1
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0.274	142.6
0.23	146.9
0.22	153.5
0.243	157.3
0.257	158.8
0.265	160.5
0.302	167.4
0.344	175.2
0.409	168.7
0.417	169
0.457	171.9
0.437	171.1
0.48	171.1
0.487	176.2
0.456	170.2
0.431	157.8
0.403	163.5
0.404	162
0.437	161.9
0.477	152.2
0.417	150.9
0.413	150.8
0.374	152.6
0.386	143.7
0.365	145.9
0.401	147.5
0.42	142.7
0.371	144.8
0.395	146.1
0.39	152.1
0.474	154.9

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136.6778973	27.66
137.577514	27.66
136.810367	27.62
135.6986053	27.59
136.4626721	27.54
137.9340071	27.5
136.7103661	27.45
135.8831963	27.38
135.458704	27.29
135.4704656	27.16
135.8102214	27.01
139.7144254	26.85
145.0817692	26.68
146.6051528	26.5
144.6028841	26.34
150.3151193	26.2
169.1522337	26.06
170.9545255	25.92
177.5942369	25.78
172.5912057	25.66
163.3767931	25.55
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144.5088047	25.24
139.2942101	25.17
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135.9024875	24.76
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141.9406579	24.59
143.1641434	24.54
143.249962	24.49
154.4161117	24.44
156.3989918	24.36
156.5569873	24.29
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164.946271	23.84
154.5640391	23.78
150.6969261	23.73

0.433	173.3	136.6458601	27.29	0.622	166.8	139.6529623
0.386	176.5	135.8458714	27.29	0.531	169.4	138.2203136
0.404	176.7	135.8102214	27.29	0.586	168.1	138.8971847
0.432	176.5	135.8458714	27.26	0.614	171.1	137.4512019
0.417	181.8	135.4622116	27.23	0.577	176.6	135.8278372
0.405	178.8	135.5365272	27.21	0.569	171.4	137.328883
0.396	176.8	135.7930238	27.18	0.562	170.2	137.8421902
0.394	176.6	135.8278372	27.14	0.505	172.3	136.9857152
0.416	180.7	135.4463252	27.08	0.579	175.1	136.1424529
0.402	187.4	136.3217962	26.99	0.476	182.4	135.4919297
0.359	183.1	135.5454083	26.87	0.515	178.7	135.5454083
0.319	180	135.4622116	26.76	0.467	176.6	135.8278372
0.327	174.8	136.2167669	26.64	0.453	171.3	137.3692134
0.327	166.9	139.5919783	26.51	0.449	163	142.3353263
0.367	164.8	140.9746448	26.37	0.538	160.8	144.2299319
0.312	164.9	140.9038772	26.26	0.48	161.3	143.7762629
0.29	162.3	142.9099119	26.15	0.454	159	145.9799608
0.325	154.2	151.6116385	26.04	0.483	148.3	160.7752562
0.39	150.9	156.3989918	25.94	0.546	144.8	167.6326681
0.4	151.8	155.0123664	25.84	0.575	143.2	171.184873
0.391	153.5	152.5604335	25.73	0.573	141.6	175.0303206
0.325	157.6	147.4724086	25.63	0.533	144.5	168.2774801
0.358	161.9	143.249962	25.54	0.523	148.3	160.7752562
0.369	163.3	142.096964	25.46	0.538	151.9	154.8621634
0.413	167	139.5314724	25.4	0.571	156.1	149.2056183
0.433	168.1	138.8971847	25.36	0.609	159.2	145.7762909
0.439	174.5	136.2949008	25.32	0.66	166.1	140.0933217
0.505	180.5	135.4488008	25.28	0.716	173.8	136.4921301
0.541	176.1	135.9221983	25.25	0.801	169.6	138.1230627
0.594	177.7	135.6570213	25.2	0.818	169.1	138.3696112
0.597	178.9	135.52806	25.16	0.887	172	137.0961561
0.62	178.8	135.5365272	25.11	0.879	170.8	137.577514
0.677	178.2	135.5960285	25.05	0.882	170.4	137.7521729
0.632	179.6	135.4803714	25	0.868	172.6	136.8792016
0.644	175.8	135.9838512	24.94	0.829	170	137.9340071
0.613	171.2	137.4099861	24.89	0.819	161.2	143.8658923
0.687	171.8	137.171973	24.83	0.863	162.7	142.5784051
0.596	171.4	137.328883	24.79	0.821	163	142.3353263
0.593	170.8	137.577514	24.74	0.867	164	141.5589225
0.66	161.5	143.5986496	24.69	0.866	155.5	149.9393426
0.6	157.5	147.5835656	24.61	0.807	152.6	153.8318952
0.592	158.4	146.6051528	24.53	0.786	153.1	153.1182603
0.591	158.3	146.7114396	24.45	0.757	152.6	153.8318952
0.528	154.7	150.9548471	24.38	0.751	150.8	156.5569873
0.516	156.9	148.2635581	24.31	0.707	154.3	151.4788997
0.515	157.2	147.9207527	24.25	0.712	154.2	151.6116385
0.471	154.2	151.6116385	24.19	0.747	152.6	153.8318952
0.473	154.6	151.0848301	24.13	0.695	152.7	153.6876994
0.509	155.7	149.6921424	24.08	0.711	153.4	152.6988115
0.485	161.2	143.8658923	24.02	0.71	157.3	147.8077356
0.539	160.2	144.7927354	23.96	0.8	158.1	146.9258206

27.5	0.82	174.7	136.2423866	137.9646566	Yes
27.51	0.742	177.4	135.6986053	136.7597458	Yes
27.53	0.798	178.6	135.5547035	137.4034508	Yes
27.51	0.784	178.7	135.5454083	136.5506169	Yes
27.5	0.782	183.6	135.5960285	135.9935923	Yes
27.49	0.744	182.3	135.4859439	136.205003	Yes
27.48	0.78	182.1	135.475212	136.8990695	Yes
27.44	0.745	181.8	135.4622116	136.3056309	Yes
27.41	0.771	182.9	135.52806	135.740976	Yes
27.32	0.727	188.8	136.743267	138.1620957	Yes
27.18	0.711	188.6	136.6778973	135.6362833	Yes
27.04	0.654	185	135.7930238	135.8834781	Yes
26.9	0.665	181.1	135.4463252	137.5715302	Yes
26.75	0.64	176.7	135.8102214	141.8245988	Yes
26.61	0.731	174.6	136.2684311	143.5970336	Yes
26.5	0.66	175.4	136.0719483	141.9006031	Yes
26.39	0.618	174.1	136.4050401	145.4870221	Yes
26.28	0.651	168.4	138.734051	159.4452297	Yes
26.19	0.744	165.6	140.4224336	164.8835636	Yes
26.1	0.77	162.8	142.4968525	166.5545974	Yes
26.01	0.769	160.7	144.3223303	163.5761177	Yes
25.91	0.733	160.1	144.8885107	154.5619794	Yes
25.8	0.727	163.6	141.8632814	148.7514861	Yes
25.73	0.75	166.7	139.7144254	145.698623	Yes
25.69	0.817	171.5	137.2889944	143.2495486	Yes
25.65	0.841	174.1	136.4050401	141.7115574	Yes
25.64	0.923	179.2	135.5051412	137.8117114	Yes
25.62	0.974	184.2	135.6704665	135.9718242	Yes
25.59	1.105	182	135.4704656	137.2423683	Yes
25.56	1.11	181	135.4457063	137.0731991	Yes
25.52	1.113	181.9	135.4661321	136.3027471	Yes
25.47	1.16	181.7	135.458704	136.5299866	Yes
25.41	1.17	180.6	135.4473567	136.6358352	Yes
25.36	1.188	183.5	135.5850754	136.0054856	Yes
25.29	1.145	181.2	135.4473567	136.8683369	Yes
25.23	1.098	174.5	136.2949008	142.0148227	Yes
25.16	1.106	174.3	136.3491176	139.333757	Yes
25.12	1.085	175	136.1668004	140.5452916	Yes
25.07	1.1	174.5	136.2949008	141.2005563	Yes
25.01	1.097	167.5	139.23608	147.3409793	Yes
24.93	1.083	164.5	141.1899582	150.0575698	Yes
24.84	1.058	165.2	140.6945686	149.1096419	Yes
24.76	1.052	164.2	141.4098131	148.9648358	Yes
24.67	0.968	162.4	142.8262379	156.0139401	Yes
24.6	0.953	164.3	141.3360215	152.0212506	Yes
24.54	0.957	165	140.8336095	150.9281972	Yes
24.49	0.992	163.2	142.1758963	156.2350144	Yes
24.44	0.998	163.5	141.9406579	152.8816083	Yes
24.39	1.004	164.2	141.4098131	151.9066365	Yes
24.33	0.972	166.6	139.7763685	146.311485	Yes
24.27	1.043	167.1	139.4714437	145.2607748	Yes

7/28/2019	20:39	23.54	0.279
7/28/2019	20:40	23.48	0.26
7/28/2019	20:41	23.43	0.231
7/28/2019	20:42	23.37	0.223
7/28/2019	20:43	23.32	0.259
7/28/2019	20:44	23.28	0.313
7/28/2019	20:45	23.23	0.286
7/28/2019	20:46	23.19	0.298
7/28/2019	20:47	23.15	0.32
7/28/2019	20:48	23.12	0.35
7/28/2019	20:49	23.09	0.311
7/28/2019	20:50	23.06	0.312
7/28/2019	20:51	23.04	0.342
7/28/2019	20:52	23.01	0.34
7/28/2019	20:53	22.98	0.283
7/28/2019	20:54	22.95	0.215
7/28/2019	20:55	22.91	0.228
7/28/2019	20:56	22.88	0.231
7/28/2019	20:57	22.84	0.221
7/28/2019	20:58	22.81	0.232
7/28/2019	20:59	22.78	0.263
7/28/2019	21:00	22.75	0.258
7/28/2019	21:01	22.72	0.247
7/28/2019	21:02	22.7	0.231
7/28/2019	21:03	22.69	0.326
7/28/2019	21:04	22.67	0.227
7/28/2019	21:05	22.65	0.223
7/28/2019	21:06	22.64	0.233
7/28/2019	21:07	22.62	0.273
7/28/2019	21:08	22.61	0.218
7/28/2019	21:09	22.59	0.254
7/28/2019	21:10	22.58	0.273
7/28/2019	21:11	22.57	0.27
7/28/2019	21:12	22.56	0.336
7/28/2019	21:13	22.56	0.282
7/28/2019	21:14	22.56	0.301
7/28/2019	21:15	22.57	0.292
7/28/2019	21:16	22.57	0.326
7/28/2019	21:17	22.58	0.384
7/28/2019	21:18	22.59	0.348
7/28/2019	21:19	22.6	0.469
7/28/2019	21:20	22.61	0.473
7/28/2019	21:21	22.62	0.514
7/28/2019	21:22	22.62	0.277
7/28/2019	21:23	22.62	0.433
7/28/2019	21:24	22.61	0.372
7/28/2019	21:25	22.61	0.358
7/28/2019	21:26	22.59	0.288
7/28/2019	21:27	22.57	0.278
7/28/2019	21:28	22.55	0.316
7/28/2019	21:29	22.53	0.297

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164.2	141.4098131	23.41
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172	137.0961561	23.3
165.2	140.6945686	23.24
169.3	138.2696225	23.19
162.1	143.0788632	23.15
165.9	140.2234999	23.1
163.8	141.7100752	23.06
167.8	139.0645196	23.03
167.7	139.1212357	23
178	135.6191797	22.97
177.8	135.6439919	22.95
176.5	135.8458714	22.92
188.7	136.7103661	22.89
196	140.2893212	22.86
192.4	138.2203136	22.83
183	135.5365272	22.8
171.6	137.249547	22.77
178.7	135.5454083	22.73
170.1	137.8878733	22.7
180.2	135.4556091	22.67
182.4	135.4919297	22.65
158.5	146.4994658	22.62
177.4	135.6986053	22.6
180.8	135.4457063	22.59
188.5	136.6458601	22.59
183.3	135.564413	22.58
163.3	142.096964	22.56
173.1	136.7103661	22.54
177.9	135.6313781	22.52
187.8	136.4336422	22.51
172.3	136.9857152	22.51
173.7	136.5220169	22.51
173.9	136.4626721	22.52
175.7	136.0052434	22.52
173	136.743267	22.52
180.7	135.4463252	22.53
173	136.743267	22.54
182.6	135.5051412	22.55
178	135.6191797	22.56
168.1	138.8971847	22.58
168.6	138.6276173	22.58
175.3	136.0950271	22.58
174.5	136.2949008	22.58
168.5	138.6806025	22.58
181.7	135.458704	22.57
182.7	135.5123672	22.56
187.6	136.3768654	22.53
173.9	136.4626721	22.51
168.7	138.5750946	22.48

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0.513	157.9
0.576	158
0.504	157.5
0.582	160.4
0.534	163.4
0.541	166.8
0.584	168.8
0.536	169.5
0.527	178.3
0.488	183.3
0.464	176
0.495	174.3
0.432	171.5
0.454	172.5
0.469	166.9
0.504	174.9
0.538	175
0.497	161.2
0.542	163.8
0.615	172.3
0.509	179.9
0.482	168.1
0.5	163.7
0.495	164.6
0.52	167.8
0.537	171.9
0.61	174.1
0.586	172.3
0.634	167.8
0.599	168.3
0.562	168.1
0.595	165.8
0.694	166.1
0.752	170.2
0.672	170.6
0.672	161.7
0.61	163.3
0.67	167
0.701	173.2
0.732	167.4
0.587	168.3
0.588	170.5
0.565	170.1
0.585	172.2
0.531	164.9

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147.5835656	23.61
146.9258206	23.55
149.2056183	23.49
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143.5986496	23.4
147.1426245	23.36
147.0339187	23.32
147.5835656	23.28
144.6028841	23.25
142.0185516	23.22
139.6529623	23.2
138.5230334	23.18
138.1714606	23.15
135.5850754	23.12
135.564413	23.08
135.9423289	23.04
136.3491176	23
137.2889944	22.97
136.9142707	22.94
139.5919783	22.91
136.1915717	22.89
136.1668004	22.86
143.8658923	22.83
141.7100752	22.83
136.9857152	22.83
135.4661321	22.82
138.8971847	22.81
141.786421	22.79
141.1176841	22.78
139.0645196	22.78
137.1338452	22.78
136.4050401	22.78
136.9857152	22.78
139.0645196	22.79
138.7879636	22.81
138.8971847	22.82
140.2893212	22.83
140.0933217	22.84
137.8421902	22.85
137.6639493	22.86
143.4232201	22.89
142.096964	22.89
139.5314724	22.88
136.6778973	22.87
139.2942101	22.86
138.7879636	22.84
137.7078372	22.82
137.8878733	22.78
137.0220917	22.75
140.9038772	22.71

0.582	161.7	143.4232201	23.91	0.83	157.5	147.5835656
0.595	160.1	144.8885107	23.85	0.811	156.8	148.379085
0.593	164.3	141.3360215	23.78	0.835	160.7	144.3223303
0.553	160.1	144.8885107	23.72	0.782	157.5	147.5835656
0.58	163.5	141.9406579	23.67	0.773	158.2	146.8183282
0.618	163.5	141.9406579	23.62	0.823	160.7	144.3223303
0.588	161.2	143.8658923	23.58	0.818	157.5	147.5835656
0.657	162.7	142.5784051	23.54	0.88	158.2	146.8183282
0.673	158.2	146.8183282	23.49	0.837	155	150.5689831
0.685	160.8	144.2299319	23.46	0.905	159.5	145.4751667
0.637	166.7	139.7144254	23.43	0.816	161.4	143.6871825
0.6	172.4	136.949775	23.41	0.839	165.6	140.4224336
0.672	171.5	137.2889944	23.39	0.793	166.1	140.0933217
0.624	172.4	136.949775	23.36	0.82	166.2	140.0289626
0.62	182.2	135.4803714	23.33	0.788	172.6	136.8792016
0.563	187.7	136.4050401	23.29	0.723	180.5	135.4488008
0.469	182	135.4704656	23.24	0.683	175.9	135.9628798
0.509	180.2	135.4556091	23.2	0.695	174.4	136.3217962
0.495	176.1	135.9221983	23.17	0.669	169.9	137.9805921
0.529	175.8	135.9838512	23.14	0.739	172.3	136.9857152
0.536	170.5	137.7078372	23.11	0.741	167.9	139.008273
0.605	176.7	135.8102214	23.09	0.777	169.8	138.0276292
0.585	178.8	135.5365272	23.07	0.792	171.6	137.249547
0.587	164.7	141.0459134	23.04	0.752	160.9	144.1380905
0.687	167.5	139.23608	23.04	0.84	160.5	144.5088047
0.579	177.2	135.7284098	23.04	0.775	169	138.4202926
0.519	184.7	135.7439374	23.03	0.757	174.2	136.3768654
0.575	171.9	137.1338452	23.02	0.703	168.5	138.6806025
0.542	167.9	139.008273	23	0.729	163.6	141.8632814
0.504	165.3	140.6257933	22.98	0.731	160.7	144.3223303
0.645	169.9	137.9805921	22.98	0.755	165.1	140.7638403
0.651	173.5	136.5830783	22.99	0.793	167.5	139.23608
0.627	177.9	135.6313781	23	0.818	168.9	138.471433
0.641	174.2	136.3768654	23.01	0.836	169.7	138.0751192
0.693	172.7	136.8445673	23.03	0.964	166.6	139.7763685
0.648	169.8	138.0276292	23.05	0.819	164.7	141.0459134
0.687	169.8	138.0276292	23.06	0.834	162.5	142.7430964
0.701	170.2	137.8421902	23.08	0.836	167.1	139.4714437
0.743	170.9	137.5349652	23.1	0.948	166.5	139.8387928
0.742	175.6	136.0270567	23.11	0.999	169.9	137.9805921
0.776	172.2	137.0220917	23.12	0.989	169.3	138.2696225
0.839	166.1	140.0933217	23.14	0.917	160.3	144.6975271
0.843	162.4	142.8262379	23.14	0.916	160.6	144.4152874
0.679	167.7	139.1212357	23.12	0.915	164.4	141.262737
0.796	175.1	136.1424529	23.1	0.935	168.5	138.6806025
0.718	171.1	137.4512019	23.08	0.96	166.5	139.8387928
0.702	170.2	137.8421902	23.06	0.811	165.6	140.4224336
0.646	173	136.743267	23.02	0.783	168.1	138.8971847
0.611	172.8	136.810367	22.97	0.78	167.7	139.1212357
0.575	173.7	136.5220169	22.93	0.783	164.9	140.9038772
0.595	167.2	139.411891	22.9	0.776	162.8	142.4968525

24.21	1.095	167.1	139.4714437	146.9401927	Yes
24.16	1.137	166.6	139.7763685	145.5652436	Yes
24.08	1.103	168.7	138.5750946	142.7384459	Yes
24.01	1.079	167.2	139.411891	144.6934627	Yes
23.95	1.056	167.5	139.23608	143.7073769	Yes
23.9	1.077	169.8	138.0276292	142.0328151	Yes
23.86	1.132	167	139.5314724	145.4177364	Yes
23.81	1.113	167.2	139.411891	144.163538	Yes
23.76	1.123	165.5	140.4897269	146.670238	Yes
23.72	1.16	167.2	139.411891	143.3431256	Yes
23.68	1.146	170	137.9340071	141.1353488	Yes
23.66	1.102	171.5	137.2889944	138.1610877	Yes
23.64	1.096	173.1	136.7103661	137.8873354	Yes
23.6	1.081	173.2	136.6778973	137.7490174	Yes
23.56	1.129	178	135.6191797	136.1637536	Yes
23.52	0.984	184.3	135.6843278	136.9268938	Yes
23.46	0.965	182.4	135.4919297	136.398997	Yes
23.42	0.991	181.8	135.4622116	135.9157625	Yes
23.38	0.941	179.5	135.4859439	137.1103329	Yes
23.35	0.972	179.4	135.4919297	136.3573113	Yes
23.32	0.995	174.8	136.2167669	138.5489905	Yes
23.31	1.05	177.5	135.6843278	136.3712579	Yes
23.27	1.104	180	135.4622116	136.1112011	Yes
23.25	1.114	170.9	137.5349652	143.8873405	Yes
23.26	1.094	169	138.4202926	140.2883913	Yes
23.25	1.02	177	135.759882	136.645031	Yes
23.24	1.006	181.2	135.4473567	136.0581987	Yes
23.22	1.025	177.6	135.6704665	137.5690114	Yes
23.2	0.982	171.1	137.4512019	141.1887349	Yes
23.19	0.954	168.6	138.6276173	140.6940434	Yes
23.2	1.154	171.2	137.4099861	138.3600825	Yes
23.21	1.039	174.2	136.3768654	137.3466614	Yes
23.22	1.164	177.3	135.7132992	136.8733916	Yes
23.25	1.11	176.6	135.8278372	136.9899292	Yes
23.27	1.138	173.4	136.6142539	138.0370319	Yes
23.29	1.232	173.1	136.7103661	138.4666874	Yes
23.3	1.121	172.3	136.9857152	139.1027943	Yes
23.31	1.147	175.4	136.0719483	138.2623201	Yes
23.34	1.217	174.3	136.3491176	138.5525867	Yes
23.35	1.246	177.1	135.7439374	136.8387451	Yes
23.36	1.343	176.7	135.8102214	137.1437108	Yes
23.38	1.254	170	137.9340071	141.7778134	Yes
23.36	1.25	168	138.952495	141.9915266	Yes
23.33	1.211	170.9	137.5349652	139.0026181	Yes
23.3	1.274	175.4	136.0719483	136.9489634	Yes
23.27	1.161	173.5	136.5830783	138.8162018	Yes
23.23	1.106	174.3	136.3491176	138.1278228	Yes
23.19	1.084	175.1	136.1424529	137.215164	Yes
23.13	1.035	174.3	136.3491176	137.5490854	Yes
23.1	1.055	173.3	136.6458601	137.7276645	Yes
23.07	1.052	170.6	137.6639493	140.3469288	Yes

7/28/2019	21:30	22.5	0.273
7/28/2019	21:31	22.48	0.307
7/28/2019	21:32	22.47	0.48
7/28/2019	21:33	22.48	0.414
7/28/2019	21:34	22.52	0.55
7/28/2019	21:35	22.56	0.508
7/28/2019	21:36	22.59	0.489
7/28/2019	21:37	22.63	0.449
7/28/2019	21:38	22.64	0.47
7/28/2019	21:39	22.64	0.321
7/28/2019	21:40	22.63	0.304
7/28/2019	21:41	22.6	0.3
7/28/2019	21:42	22.57	0.249
7/28/2019	21:43	22.54	0.259
7/28/2019	21:44	22.5	0.275
7/28/2019	21:45	22.45	0.318
7/28/2019	21:46	22.41	0.297
7/28/2019	21:47	22.37	0.307
7/28/2019	21:48	22.35	0.291
7/28/2019	21:49	22.32	0.353
7/28/2019	21:50	22.3	0.293
7/28/2019	21:51	22.28	0.371
7/28/2019	21:52	22.27	0.317
7/28/2019	21:53	22.26	0.37
7/28/2019	21:54	22.25	0.351
7/28/2019	21:55	22.24	0.361
7/28/2019	21:56	22.24	0.362
7/28/2019	21:57	22.25	0.4
7/28/2019	21:58	22.25	0.405
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7/28/2019	22:00	22.28	0.471
7/28/2019	22:01	22.29	0.37
7/28/2019	22:02	22.3	0.404
7/28/2019	22:03	22.32	0.559
7/28/2019	22:04	22.35	0.458
7/28/2019	22:05	22.38	0.412
7/28/2019	22:06	22.39	0.367
7/28/2019	22:07	22.39	0.442
7/28/2019	22:08	22.39	0.446
7/28/2019	22:09	22.39	0.37
7/28/2019	22:10	22.4	0.392
7/28/2019	22:11	22.4	0.328
7/28/2019	22:12	22.39	0.34
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7/28/2019	22:16	22.34	0.344
7/28/2019	22:17	22.34	0.311
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7/28/2019	22:19	22.33	0.383
7/28/2019	22:20	22.32	0.343

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165.3	140.6257933	22.47
158.7	146.2898835	22.51
162	143.1641434	22.54
154.9	150.6969261	22.57
157.6	147.4724086	22.59
157.4	147.6953406	22.59
162.3	142.9099119	22.58
163.1	142.25535	22.55
174.1	136.4050401	22.52
177.2	135.7284098	22.48
184.9	135.7762441	22.44
176.5	135.8458714	22.39
173.5	136.5830783	22.35
164.2	141.4098131	22.31
170	137.9340071	22.28
163.3	142.096964	22.26
168.6	138.6276173	22.24
155.7	149.6921424	22.23
162.4	142.8262379	22.22
164.9	140.9038772	22.2
165.9	140.2234999	22.19
168.2	138.8423412	22.18
164.2	141.4098131	22.19
159.5	145.4751667	22.19
165.7	140.355632	22.2
160.5	144.5088047	22.21
160.8	144.2299319	22.23
169.3	138.2696225	22.24
170.8	137.577514	22.25
171.7	137.21054	22.27
167.1	139.4714437	22.31
168.6	138.6276173	22.33
169.9	137.9805921	22.34
172.8	136.810367	22.35
169.7	138.0751192	22.35
172.3	136.9857152	22.36
179.9	135.4661321	22.36
172.5	136.9142707	22.37
179.7	135.475212	22.36
189.6	137.0220917	22.35
181.1	135.4463252	22.34
181.1	135.4463252	22.35
176.4	135.8643244	22.35
173.6	136.5523328	22.34
169.3	138.2696225	22.34
186.5	136.0950271	22.34
181	135.4457063	22.32

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0.752	160.7
0.804	158.8
0.837	156.5
0.847	158.2
0.817	155
0.798	153.5
0.67	152.8
0.557	153.5
0.532	158.4
0.513	159
0.519	169.8
0.525	170.9
0.506	175
0.542	172.8
0.586	165.2
0.557	164.9
0.553	167.3
0.634	162.7
0.625	159.5
0.679	159.8
0.611	159.3
0.615	158.1
0.602	159.6
0.648	159.4
0.695	158.7
0.663	160.6
0.673	158.4
0.7	158.3
0.699	159.6
0.726	163
0.697	163
0.823	160.7
0.757	161.1
0.81	162
0.592	166.3
0.729	167.2
0.84	163.8
0.712	166.2
0.731	162.5
0.722	166.6
0.738	171.1
0.729	173.9
0.675	172.6
0.781	173.8
0.706	170.9
0.679	168.1
0.674	168.3
0.681	172.4
0.679	170.7

140.557513	22.68
142.4158267	22.66
144.3223303	22.66
146.1859844	22.7
148.729472	22.76
146.8183282	22.83
150.5689831	22.86
152.5604335	22.88
153.5442409	22.89
152.5604335	22.87
146.6051528	22.84
145.9799608	22.8
138.0276292	22.75
137.5349652	22.71
136.1668004	22.66
136.810367	22.61
140.6945686	22.56
140.9038772	22.52
139.3528135	22.49
142.5784051	22.47
145.4751667	22.45
145.1792559	22.45
145.6753339	22.45
146.9258206	22.43
145.3759529	22.41
145.5749597	22.41
146.2898835	22.42
144.4152874	22.44
146.6051528	22.46
146.7114396	22.49
145.3759529	22.51
142.3353263	22.53
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143.9560723	22.62
143.1641434	22.64
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139.411891	22.64
141.7100752	22.64
140.0289626	22.66
142.7430964	22.66
139.7763685	22.66
137.4512019	22.64
136.4626721	22.62
136.8792016	22.61
136.4921301	22.61
137.5349652	22.61
138.8971847	22.61
138.7879636	22.61
136.949775	22.61
137.6205085	22.59

0.591	163.5	141.9406579	22.86	0.75	160.9	144.1380905
0.607	165.1	140.7638403	22.84	0.856	159.1	145.8778326
0.806	164.5	141.1899582	22.86	1.013	157.2	147.9207527
0.915	161.3	143.7762629	22.92	1.106	156.9	148.2635581
0.941	160.1	144.8885107	23	1.159	156.3	148.9662571
0.907	159.5	145.4751667	23.08	1.189	153.1	153.1182603
0.844	153.9	152.0140384	23.11	1.133	151.6	155.3150699
0.881	152.6	153.8318952	23.12	1.129	148.6	160.24088
0.759	152.5	153.9768314	23.11	0.907	149.6	158.5161218
0.687	150.6	156.8753741	23.08	0.76	150.1	157.6854758
0.639	158	147.0339187	23.04	0.799	152.6	153.8318952
0.619	158.1	146.9258206	23	0.729	153	153.2595242
0.547	169.3	138.2696225	22.96	0.72	160.7	144.3223303
0.557	172.9	136.7766005	22.91	0.765	166.6	139.7763685
0.606	180.3	135.452927	22.86	0.792	171.2	137.4099861
0.606	175.6	136.0270567	22.81	0.796	168.7	138.5750946
0.659	171	137.4928614	22.76	0.847	166.3	139.9650888
0.622	168	138.952495	22.71	0.715	162.3	142.9099119
0.575	168.2	138.8423412	22.68	0.811	164.3	141.3360215
0.637	165.9	140.2234999	22.66	0.877	160.7	144.3223303
0.707	163.1	142.25535	22.64	0.869	158.3	146.7114396
0.745	163.9	141.6342428	22.65	0.972	156.6	148.6120398
0.661	160.3	144.6975271	22.65	0.823	156.3	148.9662571
0.675	162.6	142.6604859	22.62	0.864	158.5	146.4994658
0.738	160.9	144.1380905	22.61	0.839	157.4	147.6953406
0.688	163.9	141.6342428	22.61	0.839	157.8	147.2519401
0.776	160.9	144.1380905	22.63	1.01	156.9	148.2635581
0.727	162.2	142.9941199	22.66	0.897	156.2	149.0856146
0.782	158.3	146.7114396	22.68	0.974	154.5	151.2154981
0.805	160.9	144.1380905	22.71	1.04	155.1	150.441715
0.799	162.8	142.4968525	22.74	1.049	156.9	148.2635581
0.808	164.7	141.0459134	22.77	1.039	160.5	144.5088047
0.811	167.2	139.411891	22.78	1.037	161.9	143.249962
0.918	168	138.952495	22.82	1.152	161	144.0468045
0.862	165.3	140.6257933	22.87	1.05	160.4	144.6028841
0.872	164.5	141.1899582	22.88	1.112	160.8	144.2299319
0.733	166.9	139.5919783	22.9	0.996	162.4	142.8262379
0.821	167.9	139.008273	22.88	1.002	163.5	141.9406579
0.83	167.8	139.0645196	22.87	1.165	160.3	144.6975271
0.756	164.1	141.484113	22.88	0.963	162.3	142.9099119
0.753	167	139.5314724	22.88	1.042	161.7	143.4232201
0.69	170	137.9340071	22.88	0.993	164	141.5589225
0.69	172.5	136.9142707	22.86	0.987	166.7	139.7144254
0.668	175.4	136.0719483	22.84	0.922	169.8	138.0276292
0.804	179.4	135.4919297	22.82	0.939	172	137.0961561
0.844	178.6	135.5547035	22.83	1.04	173.3	136.6458601
0.738	177.1	135.7439374	22.84	0.969	168.4	138.734051
0.674	171.4	137.328883	22.84	0.929	164.2	141.4098131
0.73	173.1	136.7103661	22.84	0.963	165.8	140.2893212
0.738	175.3	136.0950271	22.83	0.894	169.6	138.1230627
0.684	176.4	135.8643244	22.8	0.944	168.2	138.8423412

23.05	1.02	168.1	138.8971847	141.0641925	Yes
23.03	1.134	166	140.1581671	141.5198978	Yes
23.06	1.265	164.9	140.9038772	144.0857383	Yes
23.14	1.473	164.3	141.3360215	144.3800039	Yes
23.22	1.452	162.8	142.4968525	145.8025083	Yes
23.3	1.467	162.9	142.4158267	147.9254097	Yes
23.33	1.4	160	144.9848547	150.2655587	Yes
23.33	1.297	158	147.0339187	154.3325337	Yes
23.3	1.211	157.8	147.2519401	153.3774007	Yes
23.26	1.117	159	145.9799608	153.704156	Yes
23.22	1.014	160.4	144.6028841	147.5952196	Yes
23.18	1.03	161.7	143.4232201	147.1051639	Yes
23.15	1.042	169.2	138.3193881	139.2561555	Yes
23.11	1.05	173	136.743267	137.454086	Yes
23.07	1.097	176.1	135.9221983	136.2014894	Yes
23.01	1.155	175.9	135.9628798	136.8145974	Yes
22.96	1.101	173.2	136.6778973	138.6838993	Yes
22.9	1.157	171.1	137.4512019	141.0440243	Yes
22.86	1.08	171.3	137.3692134	139.3662958	Yes
22.85	1.064	169.2	138.3193881	142.3052998	Yes
22.83	1.178	166.9	139.5919783	143.2673934	Yes
22.85	1.235	165.6	140.4224336	146.2794202	Yes
22.85	1.168	164.4	141.262737	145.541339	Yes
22.81	1.14	165.4	140.557513	144.2474124	Yes
22.81	1.215	166.3	139.9650888	144.358221	Yes
22.83	1.178	164.5	141.1899582	143.325871	Yes
22.86	1.24	165	140.8336095	145.0253363	Yes
22.89	1.258	165.7	140.355632	145.4925471	Yes
22.91	1.25	163.6	141.8632814	146.2219306	Yes
22.94	1.31	162.5	142.7430964	146.4500124	Yes
22.97	1.303	165.3	140.6257933	145.0915738	Yes
23	1.361	167.1	139.4714437	141.5399167	Yes
23.01	1.393	168.7	138.5750946	140.6436733	Yes
23.06	1.436	168.7	138.5750946	141.1330425	Yes
23.09	1.374	168	138.952495	142.1640483	Yes
23.1	1.343	167.8	139.0645196	141.8029127	Yes
23.1	1.208	169.6	138.1230627	140.0909743	Yes
23.08	1.257	170.4	137.7521729	139.2927972	Yes
23.08	1.338	167.9	139.008273	140.8868103	Yes
23.1	1.268	169.9	137.9805921	140.3521757	Yes
23.1	1.226	169.2	138.3193881	140.2909803	Yes
23.09	1.23	170.6	137.6639493	139.0458922	Yes
23.08	1.175	174.3	136.3491176	137.3887775	Yes
23.04	1.147	176.8	135.7930238	136.8960853	Yes
23.02	1.299	178	135.6191797	136.2284032	Yes
23.04	1.338	180.1	135.458704	136.0347547	Yes
23.05	1.309	177	135.759882	136.9693195	Yes
23.04	1.146	171.7	137.21054	138.5470534	Yes
23.04	1.226	174.3	136.3491176	138.5143183	Yes
23.03	1.271	176.4	135.8643244	136.815723	Yes
23	1.14	174.3	136.3491176	136.9432201	Yes

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7/28/2019	22:22	22.32	0.347
7/28/2019	22:23	22.31	0.399
7/28/2019	22:24	22.31	0.348
7/28/2019	22:25	22.31	0.347
7/28/2019	22:26	22.32	0.358
7/28/2019	22:27	22.32	0.288
7/28/2019	22:28	22.31	0.306
7/28/2019	22:29	22.31	0.362
7/28/2019	22:30	22.31	0.372
7/28/2019	22:31	22.31	0.317
7/28/2019	22:32	22.31	0.347
7/28/2019	22:33	22.3	0.307
7/28/2019	22:34	22.3	0.382
7/28/2019	22:35	22.3	0.307
7/28/2019	22:36	22.29	0.316
7/28/2019	22:37	22.29	0.352
7/28/2019	22:38	22.29	0.356
7/28/2019	22:39	22.29	0.457
7/28/2019	22:40	22.31	0.394
7/28/2019	22:41	22.31	0.439
7/28/2019	22:42	22.32	0.34
7/28/2019	22:43	22.33	0.382
7/28/2019	22:44	22.34	0.436
7/28/2019	22:45	22.36	0.472
7/28/2019	22:46	22.36	0.425
7/28/2019	22:47	22.36	0.313
7/28/2019	22:48	22.36	0.443
7/28/2019	22:49	22.35	0.334
7/28/2019	22:50	22.36	0.323
7/28/2019	22:51	22.35	0.337
7/28/2019	22:52	22.34	0.277
7/28/2019	22:53	22.34	0.312
7/28/2019	22:54	22.34	0.417
7/28/2019	22:55	22.35	0.381
7/28/2019	22:56	22.36	0.382
7/28/2019	22:57	22.38	0.403
7/28/2019	22:58	22.42	0.553
7/28/2019	22:59	22.46	0.46
7/28/2019	23:00	22.5	0.507
7/28/2019	23:01	22.53	0.428
7/28/2019	23:02	22.55	0.576
7/28/2019	23:03	22.58	0.587
7/28/2019	23:04	22.59	0.376
7/28/2019	23:05	22.59	0.497
7/28/2019	23:06	22.59	0.455
7/28/2019	23:07	22.61	0.488
7/28/2019	23:08	22.63	0.544
7/28/2019	23:09	22.64	0.542
7/28/2019	23:10	22.66	0.532
7/28/2019	23:11	22.67	0.422

166.9	139.5919783	22.31
187.7	136.4050401	22.32
184.8	135.759882	22.31
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173.3	136.6458601	22.32
170.9	137.5349652	22.33
184.2	135.6704665	22.33
184.7	135.7439374	22.33
184	135.6439919	22.33
181.9	135.4661321	22.33
182.9	135.52806	22.34
176.1	135.9221983	22.35
194.6	139.411891	22.35
186.9	136.1915717	22.35
192.6	138.3193881	22.35
177.2	135.7284098	22.35
175.1	136.1424529	22.35
178.4	135.5745369	22.34
181.9	135.4661321	22.34
170.2	137.8421902	22.36
173.9	136.4626721	22.36
170.8	137.577514	22.36
173	136.743267	22.36
175.7	136.0052434	22.37
189.3	136.9142707	22.38
169	138.4202926	22.39
179.6	135.4803714	22.38
170.2	137.8421902	22.36
176.2	135.9024875	22.36
168.1	138.8971847	22.35
169.7	138.0751192	22.35
169.2	138.3193881	22.33
173.4	136.6142539	22.32
172.8	136.810367	22.32
166.8	139.6529623	22.32
165.3	140.6257933	22.33
162.5	142.7430964	22.35
169.6	138.1230627	22.39
170.7	137.6205085	22.43
164.9	140.9038772	22.47
164	141.5589225	22.5
174.3	136.3491176	22.53
170.3	137.796957	22.55
170.6	137.6639493	22.56
158.1	146.9258206	22.56
166.1	140.0933217	22.57
168.4	138.734051	22.58
166.6	139.7763685	22.6
167.8	139.0645196	22.63
165.2	140.6945686	22.64
159.8	145.1792559	22.65

0.727	165.6
0.632	172.4
0.652	170.7
0.657	168.6
0.655	168.3
0.723	165.3
0.632	169.8
0.679	172.7
0.693	172.8
0.626	173.5
0.695	175
0.615	170.2
0.676	177
0.691	178.9
0.606	175.1
0.728	168.5
0.708	171.7
0.716	171.7
0.739	170.5
0.767	168.2
0.708	169.2
0.704	167.3
0.825	166
0.829	165.5
0.734	171.1
0.638	168.2
0.621	170.1
0.705	166.4
0.628	167.4
0.674	158.1
0.61	162.1
0.682	161.7
0.682	167.3
0.701	167.3
0.82	161.6
0.75	160.7
0.756	161.2
0.921	158.4
0.949	160.4
0.898	158.9
0.891	157.8
0.855	163.3
0.847	164.1
0.822	161.3
0.961	162.4
0.755	159.6
0.95	161.4
0.979	162.1
0.975	160.4
0.924	158.4
0.946	161.2

140.4224336	22.58
136.949775	22.58
137.6205085	22.57
138.6276173	22.58
138.7879636	22.58
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135.759882	22.61
135.52806	22.61
136.1424529	22.61
138.6806025	22.61
137.21054	22.61
137.21054	22.61
137.7078372	22.6
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138.3193881	22.62
139.3528135	22.63
140.1581671	22.63
140.4897269	22.65
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139.2942101	22.61
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143.8658923	22.64
146.6051528	22.69
144.6028841	22.74
146.0826775	22.79
147.2519401	22.81
142.096964	22.83
141.484113	22.85
143.7762629	22.84
142.8262379	22.83
145.3759529	22.83
143.6871825	22.85
143.0788632	22.87
144.6028841	22.89
146.6051528	22.92
143.8658923	22.94

0.729	169	138.4202926	22.79	1.022	163.6	141.8632814
0.74	175.8	135.9838512	22.8	0.921	169.4	138.2203136
0.801	173.7	136.5220169	22.78	0.904	169.6	138.1230627
0.763	174	136.4336422	22.79	0.811	169	138.4202926
0.692	175.1	136.1424529	22.78	0.929	167	139.5314724
0.739	170.8	137.577514	22.81	0.978	165.8	140.2893212
0.644	175.6	136.0270567	22.82	0.912	170.9	137.5349652
0.689	177.1	135.7439374	22.81	0.923	169.8	138.0276292
0.745	180.2	135.4556091	22.81	0.96	171.8	137.171973
0.769	177.6	135.6704665	22.81	0.955	170.7	137.6205085
0.731	176.8	135.7930238	22.83	0.921	171.1	137.4512019
0.679	176.6	135.8278372	22.84	0.893	172.2	137.0220917
0.686	184.4	135.6986053	22.84	0.896	175.7	136.0052434
0.737	184	135.6439919	22.84	0.919	177.3	135.7132992
0.682	180.6	135.4473567	22.84	0.942	174.5	136.2949008
0.732	176.3	135.8831963	22.85	1.036	169.6	138.1230627
0.799	173.7	136.5220169	22.85	0.957	169.7	138.0751192
0.768	175.1	136.1424529	22.85	1.023	169.3	138.2696225
0.856	177.1	135.7439374	22.84	1.084	170.6	137.6639493
0.815	175.2	136.1185285	22.86	1.03	169	138.4202926
0.802	174.1	136.4050401	22.86	0.967	166.3	139.9650888
0.791	170.1	137.8878733	22.86	1.034	164	141.5589225
0.807	169.7	138.0751192	22.87	1.093	164.8	140.9746448
0.972	169.7	138.0751192	22.89	1.119	164.4	141.262737
0.844	176.1	135.9221983	22.9	0.991	169.2	138.3193881
0.828	171.9	137.1338452	22.89	0.925	167.4	139.2942101
0.748	172	137.0961561	22.86	0.866	167	139.5314724
0.79	167.4	139.2942101	22.83	0.923	162.4	142.8262379
0.74	167.2	139.411891	22.82	0.873	164.1	141.484113
0.706	161.8	143.3363204	22.82	0.892	160.1	144.8885107
0.654	161.6	143.5106627	22.8	0.878	159.2	145.7762909
0.618	166.3	139.9650888	22.78	0.927	159.8	145.1792559
0.782	168.5	138.6806025	22.78	1.025	163.2	142.1758963
0.788	168.1	138.8971847	22.78	1.002	163.9	141.6342428
0.849	161.6	143.5106627	22.8	1.114	160.6	144.4152874
0.876	162.8	142.4968525	22.83	0.991	157.8	147.2519401
0.789	159.5	145.4751667	22.86	1.13	156.4	148.8475437
1.02	161.8	143.3363204	22.92	1.315	158.3	146.7114396
1.002	162.4	142.8262379	22.98	1.262	158.3	146.7114396
0.997	164.4	141.262737	23.02	1.19	158	147.0339187
0.954	161.7	143.4232201	23.03	1.188	156.7	148.4952449
1.082	169.1	138.3696112	23.05	1.199	161.1	143.9560723
1.08	165.4	140.557513	23.06	1.136	160.6	144.4152874
0.848	165.5	140.4897269	23.05	1.126	159.7	145.2773166
1.01	163.2	142.1758963	23.03	1.194	158.2	146.8183282
0.936	162.2	142.9941199	23.04	1.1	157.4	147.6953406
0.979	161.2	143.8658923	23.06	1.279	157.1	148.034394
1.039	160	144.9848547	23.08	1.321	156.5	148.729472
1.001	160.5	144.5088047	23.1	1.322	155.9	149.4475739
1.027	161.2	143.8658923	23.12	1.222	155.9	149.4475739
0.934	162.2	142.9941199	23.14	1.266	158.6	146.3943767

23	1.263	172	137.0961561	140.0744965	Yes
23	1.259	175.2	136.1185285	136.889745	Yes
22.99	1.342	175.6	136.0270567	137.0063675	Yes
22.99	1.211	176.6	135.8278372	137.5239515	Yes
22.98	1.115	175.5	136.0492916	137.7769372	Yes
23.01	1.212	173.1	136.7103661	139.0068984	Yes
23.02	1.107	174.9	136.1915717	136.8150294	Yes
23.01	1.188	176.6	135.8278372	136.5900178	Yes
23.01	1.212	180.3	135.452927	136.2704852	Yes
23.01	1.276	177.8	135.6439919	136.3350464	Yes
23.04	1.26	176.8	135.7930238	136.2347715	Yes
23.05	1.136	178.2	135.5960285	136.6535794	Yes
23.06	1.131	182.5	135.4983288	136.7189054	Yes
23.06	1.241	183.5	135.5850754	135.7692307	Yes
23.06	1.222	182.9	135.52806	136.5510246	Yes
23.07	1.278	176.1	135.9221983	137.1038178	Yes
23.08	1.333	176.8	135.7930238	136.9875322	Yes
23.08	1.297	176	135.9423289	136.7992881	Yes
23.07	1.452	176.6	135.8278372	136.645464	Yes
23.09	1.309	175.3	136.0950271	137.8058381	Yes
23.07	1.279	175.1	136.1424529	137.7880473	Yes
23.07	1.227	172.4	136.949775	139.0942808	Yes
23.08	1.382	172.1	137.0589052	138.9877995	Yes
23.1	1.436	171.1	137.4512019	138.9582066	Yes
23.11	1.364	175.9	135.9628798	137.1517648	Yes
23.08	1.29	174.2	136.3768654	138.4226723	Yes
23.05	1.263	174.3	136.3491176	137.4989683	Yes
23.03	1.231	171.6	137.249547	139.9660844	Yes
23.03	1.264	170.9	137.5349652	139.0231754	Yes
23.01	1.196	169.4	138.2203136	143.5119591	Yes
22.99	1.089	165.4	140.557513	142.610234	Yes
22.97	1.143	166.2	140.0289626	141.7217382	Yes
22.96	1.298	168	138.952495	139.2058915	Yes
22.97	1.334	170.4	137.7521729	139.173652	Yes
23	1.368	165.5	140.4897269	142.7723938	Yes
23.03	1.411	166.3	139.9650888	143.674229	Yes
23.06	1.221	164.7	141.0459134	145.2329248	Yes
23.13	1.555	166.7	139.7144254	143.6939939	Yes
23.19	1.542	165.7	140.355632	142.9402675	Yes
23.21	1.558	166.3	139.9650888	143.8208026	Yes
23.22	1.54	166.5	139.8387928	145.1823319	Yes
23.23	1.559	167.8	139.0645196	140.1929413	Yes
23.24	1.614	168.9	138.471433	141.0634676	Yes
23.22	1.386	167.3	139.3528135	141.8018139	Yes
23.2	1.538	165	140.8336095	144.6865708	Yes
23.2	1.501	165.9	140.2234999	144.0396838	Yes
23.24	1.44	166.1	140.0933217	143.58038	Yes
23.26	1.595	165	140.8336095	144.1423896	Yes
23.29	1.501	163.9	141.6342428	144.4059456	Yes
23.31	1.483	164.6	141.1176841	145.1532969	Yes
23.31	1.443	167.4	139.2942101	144.6084112	Yes

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7/28/2019	23:16	22.73	0.629
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7/28/2019	23:19	22.78	0.581
7/28/2019	23:20	22.8	0.595
7/28/2019	23:21	22.81	0.429
7/28/2019	23:22	22.82	0.479
7/28/2019	23:23	22.82	0.534
7/28/2019	23:24	22.84	0.545
7/28/2019	23:25	22.83	0.518
7/28/2019	23:26	22.82	0.506
7/28/2019	23:27	22.8	0.609
7/28/2019	23:28	22.79	0.612
7/28/2019	23:29	22.81	0.635
7/28/2019	23:30	22.82	0.6
7/28/2019	23:31	22.82	0.547
7/28/2019	23:32	22.82	0.43
7/28/2019	23:33	22.82	0.611
7/28/2019	23:34	22.84	0.599
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7/28/2019	23:36	22.84	0.462
7/28/2019	23:37	22.87	0.534
7/28/2019	23:38	22.86	0.4
7/28/2019	23:39	22.84	0.465
7/28/2019	23:40	22.83	0.491
7/28/2019	23:41	22.82	0.411
7/28/2019	23:42	22.81	0.485
7/28/2019	23:43	22.83	0.528
7/28/2019	23:44	22.85	0.537
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7/28/2019	23:46	22.93	0.625
7/28/2019	23:47	22.97	0.756
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7/28/2019	23:58	22.95	0.524
7/28/2019	23:59	22.92	0.448
7/29/2019	0:00	22.9	0.48
7/29/2019	0:01	22.89	0.434
7/29/2019	0:02	22.88	0.468

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172.7	136.8445673	22.77
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165.9	140.2234999	22.8
176.1	135.9221983	22.81
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177.2	135.7284098	22.84
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162	143.1641434	22.79
165.9	140.2234999	22.8
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165.3	140.6257933	22.8
167.6	139.1784222	22.82
164.9	140.9038772	22.83
166.1	140.0933217	22.82
167.5	139.23608	22.84
163.4	142.0185516	22.83
161.7	143.4232201	22.82
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159.6	145.3759529	22.8
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163.8	141.7100752	22.8
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163.9	141.6342428	22.87
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162.3	142.9099119	22.95
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165	140.8336095	22.98
168.2	138.8423412	22.99
168.7	138.5750946	22.97
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0.91	164.1
0.936	161
0.96	167.4
0.975	170.1
0.843	168.8
0.85	166.2
0.871	168.7
0.803	165
0.807	163
0.889	162.3
0.985	155.9
0.84	159.7
0.856	161.2
0.94	159.9
0.919	159.6
0.866	159.9
0.908	159.9
0.931	157.6
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0.874	156.3
0.886	157
0.861	149.7
0.737	155.2
0.822	156.2
0.95	156.2
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0.971	156.7
1.019	153.9
1.077	156
0.947	162
0.986	153.8
0.842	163.5
0.949	163.7
0.988	166.5
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0.809	163.8
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0.874	162.8
0.865	163.4
0.979	168.1
0.889	160.4
0.922	162.5

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142.3353263	23.05
139.2942101	23.05
141.484113	23.06
144.0468045	23.08
139.2942101	23.09
137.8878733	23.11
138.5230334	23.11
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138.5750946	23.08
140.8336095	23.05
142.3353263	23.03
142.9099119	23.01
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145.0817692	23.09
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148.9662571	23.08
148.1486618	23.05
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149.0856146	23.03
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152.0140384	23.18
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143.1641434	23.23
152.1495751	23.23
141.9406579	23.23
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141.4098131	23.21
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141.7100752	23.17
145.0817692	23.15
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138.8971847	23.09
144.6028841	23.08
142.7430964	23.06

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0.917	170	137.9340071	23.2	1.296	162.6	142.6604859
0.884	163.8	141.7100752	23.2	1.148	161.7	143.4232201
0.9	169.8	138.0276292	23.22	1.134	165.7	140.355632
1.139	163.6	141.8632814	23.24	1.41	160	144.9848547
1.012	167.8	139.0645196	23.26	1.28	162.5	142.7430964
0.989	170.4	137.7521729	23.26	1.267	164.8	140.9746448
1.143	164.6	141.1176841	23.26	1.254	160.2	144.7927354
1.138	165.6	140.4224336	23.29	1.343	159	145.9799608
0.899	170.7	137.6205085	23.3	1.393	162.2	142.9941199
1.026	172.4	136.949775	23.31	1.359	167.6	139.1784222
1.048	173.6	136.5523328	23.3	1.16	167.8	139.0645196
1.027	169.4	138.2203136	23.3	1.183	164.9	140.9038772
0.944	168.8	138.5230334	23.26	1.258	163.4	142.0185516
0.977	165.2	140.6945686	23.23	1.101	161.5	143.5986496
1.053	163.8	141.7100752	23.2	1.117	159	145.9799608
1.054	166.9	139.5919783	23.19	1.252	159.8	145.1792559
1.188	158.6	146.3943767	23.22	1.282	156.5	148.729472
1.049	163.5	141.9406579	23.24	1.168	157.6	147.4724086
0.963	164.8	140.9746448	23.23	1.174	158.3	146.7114396
0.986	164.7	141.0459134	23.24	1.249	159.3	145.6753339
1.075	165	140.8336095	23.27	1.282	157.2	147.9207527
1.054	163.5	141.9406579	23.3	1.253	156.3	148.9662571
0.971	164.4	141.262737	23.31	1.242	159.6	145.3759529
1.026	161.3	143.7762629	23.28	1.329	156.9	148.2635581
1.073	157.7	147.3618674	23.31	1.385	153.2	152.9777221
0.834	158.3	146.7114396	23.28	1.256	153.5	152.5604335
0.98	160.3	144.6975271	23.23	1.248	154.5	151.2154981
1.009	152.4	154.1225109	23.21	1.112	149.3	159.0245589
0.887	155.9	149.4475739	23.19	1.063	151.5	155.4675767
1.009	159.8	145.1792559	23.18	1.198	156.1	149.2056183
1.035	156.7	148.4952449	23.21	1.324	153.7	152.2858181
1.115	162.7	142.5784051	23.26	1.306	159.4	145.5749597
1.129	158.8	146.1859844	23.35	1.471	153.1	153.1182603
1.142	157.5	147.5835656	23.4	1.384	149.9	158.0152438
1.31	161.5	143.5986496	23.45	1.535	157.3	147.8077356
1.105	165	140.8336095	23.44	1.288	156.6	148.6120398
1.281	159.4	145.5749597	23.42	1.29	155.7	149.6921424
1.006	164.5	141.1899582	23.41	1.158	162.2	142.9941199
1.121	172	137.0961561	23.37	1.289	161.3	143.7762629
1.014	171.1	137.4512019	23.36	1.262	162.1	143.0788632
1.18	168.3	138.7879636	23.38	1.387	161.7	143.4232201
1.135	166.5	139.8387928	23.39	1.309	163.2	142.1758963
0.978	169.8	138.0276292	23.37	1.154	163	142.3353263
1.028	164.1	141.484113	23.35	1.187	161.9	143.249962
1.112	166.3	139.9650888	23.33	1.307	159.7	145.2773166
0.951	167.5	139.23608	23.31	1.194	161.1	143.9560723
0.922	166.4	139.9016992	23.27	1.183	163.4	142.0185516
0.93	170	137.9340071	23.26	1.383	162.4	142.8262379
0.904	165.9	140.2234999	23.25	1.132	160.9	144.1380905
0.912	164.1	141.484113	23.23	1.185	160.9	144.1380905

23.35	1.503	168.9	138.471433	141.3513066	Yes
23.38	1.458	170.1	137.8878733	139.4593922	Yes
23.38	1.371	169.9	137.9805921	141.2630028	Yes
23.4	1.379	169.4	138.2203136	138.6046919	Yes
23.43	1.665	169	138.4202926	142.5671222	Yes
23.45	1.501	170.1	137.8878733	140.4962831	Yes
23.43	1.501	171.7	137.21054	138.7163988	Yes
23.45	1.734	168.3	138.7879636	142.5971631	Yes
23.48	1.661	165.6	140.4224336	142.6681747	Yes
23.48	1.502	170.4	137.7521729	138.9577592	Yes
23.49	1.498	172.4	136.949775	137.5277744	Yes
23.46	1.559	173.9	136.4626721	137.4670739	Yes
23.45	1.505	171.3	137.3692134	138.7543695	Yes
23.41	1.479	171.3	137.3692134	139.0532089	Yes
23.38	1.483	168.8	138.5230334	141.3873153	Yes
23.35	1.463	167.9	139.008273	142.1114137	Yes
23.34	1.561	169.2	138.3193881	141.2525073	Yes
23.39	1.646	163.4	142.0185516	146.9338915	Yes
23.4	1.586	163.2	142.1758963	143.7284707	Yes
23.39	1.449	167.2	139.411891	142.2931213	Yes
23.4	1.465	167.7	139.1212357	141.9313037	Yes
23.43	1.577	166.8	139.6529623	143.6890271	Yes
23.48	1.563	165.7	140.355632	143.7917766	Yes
23.47	1.441	168.6	138.6276173	143.1560841	Yes
23.45	1.611	165.7	140.355632	144.9013878	Yes
23.48	1.709	163	142.3353263	146.5717773	Yes
23.43	1.42	161.7	143.4232201	147.5641705	Yes
23.38	1.52	163.4	142.0185516	146.8712268	Yes
23.35	1.392	157.9	147.1426245	154.2178375	Yes
23.32	1.323	159	145.9799608	150.1515557	Yes
23.34	1.49	162.7	142.5784051	145.7962286	Yes
23.38	1.519	160.8	144.2299319	147.8941882	Yes
23.44	1.597	166.9	139.5919783	143.4083898	Yes
23.54	1.613	161.8	143.3363204	147.3584331	Yes
23.57	1.607	159.9	145.0817692	150.1517419	Yes
23.63	1.871	166.3	139.9650888	145.910642	Yes
23.58	1.535	164.9	140.9038772	142.5904914	Yes
23.57	1.805	162.6	142.6604859	147.0625717	Yes
23.54	1.489	169.9	137.9805921	141.2417693	Yes
23.5	1.593	169.4	138.2203136	140.3084836	Yes
23.5	1.587	171.6	137.249547	138.9970094	Yes
23.52	1.679	168.8	138.5230334	140.9590399	Yes
23.53	1.636	170.9	137.5349652	139.9791581	Yes
23.51	1.498	171.6	137.249547	139.6668993	Yes
23.47	1.542	168.9	138.471433	140.5393624	Yes
23.45	1.68	168	138.952495	142.6205854	Yes
23.44	1.512	169.1	138.3696112	140.8059925	Yes
23.38	1.37	169.8	138.0276292	140.2587396	Yes
23.37	1.43	170	137.9340071	138.7799103	Yes
23.36	1.359	168.6	138.6276173	141.460919	Yes
23.33	1.314	168.8	138.5230334	141.1150818	Yes

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7/29/2019	0:52	23.15	0.716
7/29/2019	0:53	23.15	0.935

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163.9	141.6342428	22.87
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164.4	141.262737	22.95
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164.2	141.4098131	23.01
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1.346	163
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138.5230334	23.31
140.6257933	23.3

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1.199	165.8	140.2893212	23.28	1.283	162.9	142.4158267
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1.388	167.8	139.0645196	23.36	1.674	157.9	147.1426245
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1.197	159.3	145.6753339	23.39	1.415	157	148.1486618
1.259	161.9	143.249962	23.39	1.46	155.9	149.4475739
1.348	161.3	143.7762629	23.42	1.659	154.8	150.8255466
1.34	166.9	139.5919783	23.45	1.619	161.3	143.7762629
1.262	164.3	141.3360215	23.44	1.69	156.5	148.729472
1.447	164	141.5589225	23.46	1.785	157.3	147.8077356
1.61	163.9	141.6342428	23.46	1.958	157.6	147.4724086
1.204	162.2	142.9941199	23.46	1.552	159.3	145.6753339
1.323	171	137.4928614	23.44	1.746	163.5	141.9406579
1.126	168	138.952495	23.41	1.456	163.7	141.786421
1.543	164.2	141.4098131	23.39	1.525	158.8	146.1859844
1.473	170.2	137.8421902	23.39	1.931	161.5	143.5986496
1.373	170.8	137.577514	23.43	1.764	163.8	141.7100752
1.535	166.3	139.9650888	23.42	1.698	162	143.1641434
1.329	171.2	137.4099861	23.43	1.685	162.7	142.5784051
1.72	172.8	136.810367	23.45	2.093	163.9	141.6342428
1.52	172.6	136.8792016	23.48	1.922	166.7	139.7144254
1.48	170.7	137.6205085	23.5	1.829	164.9	140.9038772
1.693	170.2	137.8421902	23.53	2.171	163.5	141.9406579
1.348	169.5	138.1714606	23.52	1.647	165.3	140.6257933
1.34	178.1	135.6073966	23.48	1.77	166.9	139.5919783
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1.563	167.3	139.3528135	23.46	1.82	162.9	142.4158267
1.695	168.6	138.6276173	23.48	1.781	163.7	141.786421
1.356	172.9	136.7766005	23.47	1.818	166.7	139.7144254
1.246	170.8	137.577514	23.42	1.688	164.9	140.9038772
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1.29	169.4	138.2203136	23.42	1.765	162.7	142.5784051
1.286	167.7	139.1212357	23.4	1.634	162.9	142.4158267
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1.454	174.4	136.3217962	23.4	1.845	167.6	139.1784222
1.471	170.1	137.8878733	23.41	1.846	163.5	141.9406579
1.469	170.8	137.577514	23.43	1.942	163.1	142.25535
1.567	175.7	136.0052434	23.47	2.004	168	138.952495
1.383	171.7	137.21054	23.46	1.639	170	137.9340071
1.529	170.9	137.5349652	23.45	1.777	164.6	141.1176841

23.32	1.478	170.6	137.6639493	140.0018433	Yes
23.33	1.388	170.2	137.8421902	139.6678711	Yes
23.35	1.594	169.8	138.0276292	141.7883609	Yes
23.35	1.563	172.3	136.9857152	140.641297	Yes
23.37	1.604	168.2	138.8423412	142.3876289	Yes
23.36	1.509	170.4	137.7521729	139.8795916	Yes
23.38	1.593	169.2	138.3193881	139.671311	Yes
23.4	1.595	170	137.9340071	139.9990094	Yes
23.38	1.594	168.9	138.471433	141.9363809	Yes
23.41	1.796	172	137.0961561	139.3161729	Yes
23.41	1.607	169.3	138.2696225	140.8526926	Yes
23.43	1.756	167.4	139.2942101	140.6318303	Yes
23.45	1.667	167.8	139.0645196	143.3877074	Yes
23.49	1.964	167.1	139.4714437	142.5479675	Yes
23.52	1.726	170	137.9340071	139.9412574	Yes
23.51	1.779	166	140.1581671	145.8540752	Yes
23.5	1.688	165.2	140.6945686	145.9192199	Yes
23.53	1.777	163.7	141.786421	145.1310192	Yes
23.56	1.893	168.1	138.8971847	140.7381186	Yes
23.56	1.968	164.6	141.1176841	143.6007904	Yes
23.57	2.118	165.3	140.6257933	143.1433858	Yes
23.59	2.364	168.5	138.6806025	143.0529563	Yes
23.58	1.748	167.1	139.4714437	142.4574132	Yes
23.56	1.948	172.2	137.0220917	138.3771233	Yes
23.52	1.824	171.3	137.3692134	140.2497405	Yes
23.5	2.063	166.9	139.5919783	142.5832063	Yes
23.52	2.18	171.2	137.4099861	139.7915622	Yes
23.56	2.12	172.5	136.9142707	139.8218644	Yes
23.53	2.21	170.1	137.8878733	140.9017709	Yes
23.53	1.947	169.9	137.9805921	139.166057	Yes
23.57	2.491	172.6	136.8792016	138.7234738	Yes
23.6	2.21	174.7	136.2423866	137.9187126	Yes
23.61	2.152	174.5	136.2949008	139.4704509	Yes
23.64	2.333	173.3	136.6458601	139.4289985	Yes
23.6	1.914	172.5	136.9142707	138.4649244	Yes
23.56	2.01	173.6	136.5523328	137.4291996	Yes
23.54	2.135	170.5	137.7078372	140.4369415	Yes
23.56	2.306	171.8	137.171973	140.0865883	Yes
23.59	2.408	171.4	137.328883	139.9700539	Yes
23.56	2.055	174.3	136.3491176	137.6534567	Yes
23.52	1.925	174.2	136.3768654	138.1614053	Yes
23.53	2.403	171.5	137.2889944	141.0969723	Yes
23.52	1.987	171	137.4928614	139.7058527	Yes
23.5	1.875	172.6	136.8792016	140.5930841	Yes
23.51	2.09	178.3	135.5850754	136.9419169	Yes
23.51	2.087	175.6	136.0270567	137.5164972	Yes
23.51	2.199	172.8	136.810367	138.91885	Yes
23.54	2.175	172.7	136.8445673	139.1753493	Yes
23.57	2.366	176.3	135.8831963	137.4165625	Yes
23.55	1.987	176.7	135.8102214	137.378363	Yes
23.54	2.298	174.1	136.4050401	139.0570544	Yes

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7/29/2019	1:02	23.17	0.73
7/29/2019	1:03	23.15	0.653
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7/29/2019	1:05	23.11	0.743
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1.429	177.9	135.6313781	23.52	1.948	173.2	136.6778973
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1.766	175.8	135.9838512	23.45	2.085	167.6	139.1784222
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1.3	180.7	135.4463252	23.4	1.656	173.3	136.6458601
1.406	177.8	135.6439919	23.36	1.836	170.7	137.6205085
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1.465	171.2	137.4099861	23.37	1.709	165	140.8336095
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1.264	176.3	135.8831963	23.33	1.71	172.6	136.8792016
1.665	180.6	135.4473567	23.34	1.966	175.3	136.0950271
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1.532	176.2	135.9024875	23.35	1.786	171.5	137.2889944
1.545	174	136.4336422	23.34	1.744	170.5	137.7078372
1.312	176.6	135.8278372	23.31	1.633	170.9	137.5349652
1.33	178.9	135.52806	23.27	1.677	169.6	138.1230627
1.359	176.5	135.8458714	23.24	1.691	169.8	138.0276292
1.418	171	137.4928614	23.22	1.604	165.1	140.7638403
1.516	171.7	137.21054	23.22	1.782	167.9	139.008273
1.358	172.9	136.7766005	23.21	1.73	171.3	137.3692134
1.422	171	137.4928614	23.18	1.58	170.7	137.6205085
1.136	171.3	137.3692134	23.15	1.428	168.3	138.7879636
1.478	169	138.4202926	23.13	1.555	163.4	142.0185516
1.498	173.4	136.6142539	23.14	1.976	165.1	140.7638403
1.325	173.2	136.6778973	23.15	1.86	166.2	140.0289626
1.347	174	136.4336422	23.11	1.716	169.1	138.3696112
1.414	173.2	136.6778973	23.1	1.835	165.6	140.4224336
1.571	171.5	137.2889944	23.1	2.033	164	141.5589225
1.326	171.5	137.2889944	23.08	1.555	169.8	138.0276292
1.445	171.4	137.328883	23.05	1.817	167.5	139.23608
1.449	173.1	136.7103661	23.04	1.815	163.8	141.7100752
1.872	175.2	136.1185285	23.11	2.123	168.9	138.471433
1.382	170.3	137.796957	23.14	1.82	166.9	139.5919783
1.32	170.5	137.7078372	23.1	1.643	168.4	138.734051
1.435	174.5	136.2949008	23.07	1.942	168.1	138.8971847
1.235	171.6	137.249547	23.06	1.846	167.4	139.2942101
1.248	174.6	136.2684311	23.05	1.783	169.2	138.3193881
1.343	172.2	137.0220917	23.03	1.659	166.5	139.8387928
1.574	176.7	135.8102214	23.05	2.071	170.5	137.7078372
1.445	171.2	137.4099861	23.05	1.924	165.9	140.2234999
1.605	173.4	136.6142539	23.05	2.023	169.3	138.2696225
1.536	176.5	135.8458714	23.07	2.046	171.9	137.1338452
1.517	172.1	137.0589052	23.07	1.796	168.5	138.6806025

23.6	2.767	175.3	136.0950271	137.9077453	Yes
23.68	2.594	175.2	136.1185285	138.1309794	Yes
23.63	2.254	179	135.5200067	136.2944557	Yes
23.59	2.038	181.9	135.4661321	135.8764926	Yes
23.54	2.134	176.5	135.8458714	137.723201	Yes
23.52	2.56	175.5	136.0492916	137.4107071	Yes
23.57	2.457	175.3	136.0950271	136.6683709	Yes
23.55	2.22	181.3	135.4488008	136.4451512	Yes
23.51	2.09	178.7	135.5454083	136.6092736	Yes
23.47	1.905	180.6	135.4473567	135.9026147	Yes
23.44	2.151	178.8	135.5365272	136.5656257	Yes
23.47	2.133	176.5	135.8458714	137.6573212	Yes
23.44	2.062	174.6	136.2684311	138.5455308	Yes
23.43	2.206	183.9	135.6313781	135.9865908	Yes
23.4	1.986	178	135.6191797	136.2193045	Yes
23.43	2.402	183	135.5365272	135.7548214	Yes
23.49	2.374	182.4	135.4919297	135.7543263	Yes
23.5	2.412	184.2	135.6704665	136.3919221	Yes
23.5	2.319	180.7	135.4463252	136.4214504	Yes
23.46	2.12	178.2	135.5960285	136.7359845	Yes
23.42	2.201	179	135.5200067	136.3716767	Yes
23.41	2.205	178.5	135.564413	136.5554681	Yes
23.37	1.996	178.6	135.5547035	136.3050098	Yes
23.33	2.025	178.5	135.564413	136.8764552	Yes
23.31	2.013	178.5	135.564413	136.7600218	Yes
23.3	2.071	174.7	136.2423866	138.2407532	Yes
23.3	2.279	175.6	136.0270567	138.0704368	Yes
23.3	2.076	178	135.6191797	136.5126848	Yes
23.27	2.04	178.1	135.6073966	137.0909679	Yes
23.23	1.769	174.8	136.2167669	137.4842406	Yes
23.2	2.045	172	137.0961561	139.7210576	Yes
23.21	2.285	174.5	136.2949008	138.0593355	Yes
23.23	2.173	174.5	136.2949008	137.9441557	Yes
23.19	1.952	176	135.9423289	136.9057811	Yes
23.18	2.176	175.1	136.1424529	138.3441346	Yes
23.18	2.284	172.9	136.7766005	138.8369397	Yes
23.16	1.91	176	135.9423289	137.8159372	Yes
23.12	2.109	176.9	135.7762441	137.6656333	Yes
23.12	2.19	173.7	136.5220169	138.4299839	Yes
23.2	2.76	178	135.6191797	137.8446324	Yes
23.22	2.047	175	136.1668004	137.6121759	Yes
23.16	1.917	175.1	136.1424529	139.1149937	Yes
23.14	2.257	176.5	135.8458714	137.432414	Yes
23.14	1.942	174.2	136.3768654	137.376771	Yes
23.12	2.025	175.5	136.0492916	137.054496	Yes
23.1	2.067	173.9	136.4626721	137.9833086	Yes
23.13	2.306	177	135.759882	136.5874113	Yes
23.13	2.144	175.2	136.1185285	138.2546561	Yes
23.12	2.419	176.9	135.7762441	136.8169684	Yes
23.15	2.243	177.8	135.6439919	136.338922	Yes
23.14	2.484	175.8	135.9838512	137.5384807	Yes

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1.473	175.5	136.0492916	22.96	1.603	172.5	136.9142707
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1.26	181.2	135.4473567	22.94	1.563	172.8	136.810367
1.326	185.7	135.9221983	22.92	1.677	177.5	135.6843278
1.243	186.1	136.0052434	22.91	1.659	175.1	136.1424529
1.708	180.4	135.4506575	22.93	2.102	175.1	136.1424529
1.34	183.7	135.6073966	22.99	1.705	181	135.4457063
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1.549	183.4	135.5745369	23.04	1.686	178.1	135.6073966
1.339	187.1	136.2423866	23.04	1.682	181.4	135.4506575
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1.551	190.6	137.4099861	23.11	1.947	184.2	135.6704665
1.598	194.7	139.4714437	23.14	1.762	189.8	137.0961561
1.401	196.7	140.7638403	23.13	1.858	187.5	136.3491176
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1.537	186.5	136.0950271	23.1	1.919	181.1	135.4463252
1.578	185.2	135.8278372	23.1	1.817	177.9	135.6313781
1.599	186.7	136.1424529	23.09	1.761	182.6	135.5051412
1.461	188.2	136.5523328	23.08	1.851	178.2	135.5960285
1.644	189.7	137.0589052	23.07	2.222	182.8	135.5200067
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1.479	184.2	135.6704665	23.09	2.081	178.2	135.5960285
1.668	184.4	135.6986053	23.08	2.217	177.5	135.6843278
1.401	183	135.5365272	23.06	1.845	176.3	135.8831963
1.521	182.4	135.4919297	23.02	1.719	178.4	135.5745369
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23.14	2.535	179.8	135.4704656	136.0524793	Yes
23.13	1.904	178.2	135.5960285	136.1180991	Yes
23.12	2.507	176.8	135.7930238	138.322076	Yes
23.14	2.182	179.3	135.4983288	136.254692	Yes
23.11	2.133	178.3	135.5850754	136.9614877	Yes
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23.12	2.441	176.3	135.8831963	138.9311138	Yes
23.13	2.049	179.4	135.4919297	136.0182883	Yes
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23.09	2.235	178.1	135.6073966	136.3830113	Yes
23.08	1.923	175.1	136.1424529	136.7588186	Yes
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23.08	1.93	177.6	135.6704665	136.431831	Yes
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23.02	2.382	182.2	135.4803714	136.3852471	Yes
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22.99	1.96	184.1	135.6570213	136.3429051	Yes
22.98	2.012	184.5	135.7132992	137.0461833	Yes
23	2.552	185.3	135.8458714	136.0079986	Yes
23.06	2.042	187.4	136.3217962	135.5722425	Yes
23.08	2.442	186	135.9838512	136.123613	Yes
23.11	2.227	183.8	135.6191797	135.8081488	Yes
23.11	2.106	186.7	136.1424529	135.9839442	Yes
23.14	2.491	189.8	137.0961561	137.6811656	Yes
23.18	2.417	192.9	138.471433	136.912026	Yes
23.22	2.308	195.6	140.0289626	138.2164963	Yes
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23.18	2.243	188.6	136.6778973	136.6852673	Yes
23.16	2.229	189.6	137.0220917	135.8240265	Yes
23.15	2.21	186.2	136.0270567	135.6888452	Yes
23.14	2.301	188.5	136.6458601	135.6557527	Yes
23.12	2.133	185.3	135.8458714	136.5616111	Yes
23.13	2.533	189.3	136.9142707	136.1579335	Yes
23.15	2.703	190.9	137.5349652	137.2123431	Yes
23.15	2.351	184.4	135.6986053	135.6491808	Yes
23.14	2.53	184.1	135.6570213	135.956787	Yes
23.11	2.187	185	135.7930238	136.0630435	Yes
23.07	2.202	183.6	135.5960285	135.5062897	Yes
23.06	2.432	185.4	135.8643244	135.5851609	Yes
23.09	2.612	187.1	136.2423866	135.7730366	Yes
23.1	2.504	185	135.7930238	135.6034001	Yes
23.1	2.469	186	135.9838512	135.792285	Yes
23.1	2.509	183.5	135.5850754	135.6498426	Yes
23.12	2.364	184.4	135.6986053	135.8198167	Yes
23.14	2.888	183.8	135.6191797	135.6342281	Yes
23.19	2.821	187.8	136.4336422	136.0414505	Yes
23.22	2.522	189	136.810367	137.0938648	Yes
23.26	2.458	186.4	136.0719483	135.9231181	Yes

7/29/2019	2:36	22.97	0.883
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7/29/2019	2:38	22.99	0.8
7/29/2019	2:39	22.99	0.717
7/29/2019	2:40	22.99	0.777
7/29/2019	2:41	22.98	0.766
7/29/2019	2:42	22.96	0.837
7/29/2019	2:43	22.95	0.845
7/29/2019	2:44	22.95	0.778
7/29/2019	2:45	22.95	0.919
7/29/2019	2:46	22.94	0.596
7/29/2019	2:47	22.94	0.977
7/29/2019	2:48	22.95	0.659
7/29/2019	2:49	22.95	0.927
7/29/2019	2:50	22.95	0.8
7/29/2019	2:51	22.95	0.583
7/29/2019	2:52	22.94	0.777
7/29/2019	2:53	22.94	0.667
7/29/2019	2:54	22.94	0.724
7/29/2019	2:55	22.94	0.823
7/29/2019	2:56	22.95	0.682
7/29/2019	2:57	22.95	0.613
7/29/2019	2:58	22.95	0.791
7/29/2019	2:59	22.96	1.028
7/29/2019	3:00	22.98	1.002
7/29/2019	3:01	23.01	0.806
7/29/2019	3:02	23.02	0.573
7/29/2019	3:03	23.03	0.697
7/29/2019	3:04	23.04	0.701
7/29/2019	3:05	23.05	0.832
7/29/2019	3:06	23.05	0.733
7/29/2019	3:07	23.04	0.672
7/29/2019	3:08	23.04	0.532
7/29/2019	3:09	23.03	0.721
7/29/2019	3:10	23.02	0.508
7/29/2019	3:11	23.02	0.952
7/29/2019	3:12	23.04	0.861
7/29/2019	3:13	23.05	0.856
7/29/2019	3:14	23.07	0.683
7/29/2019	3:15	23.07	0.445
7/29/2019	3:16	23.07	0.597
7/29/2019	3:17	23.07	0.57
7/29/2019	3:18	23.07	0.693
7/29/2019	3:19	23.1	0.922
7/29/2019	3:20	23.13	0.58
7/29/2019	3:21	23.13	0.716
7/29/2019	3:22	23.13	0.693
7/29/2019	3:23	23.13	0.626
7/29/2019	3:24	23.13	0.443
7/29/2019	3:25	23.11	0.537
7/29/2019	3:26	23.1	0.562

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181.9	135.4661321	22.95
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190.2	137.249547	22.94
186.7	136.1424529	22.94
187.1	136.2423866	22.94
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191.5	137.796957	22.94
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184.2	135.6704665	23.03
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135.5850754	23.12
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136.949775	23.22
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1.559	185.5	135.8831963	23.2	2.084	180	135.4622116
1.545	192.3	138.1714606	23.19	1.705	185.3	135.8458714
1.47	187.4	136.3217962	23.17	1.589	181.8	135.4622116
1.452	182	135.4704656	23.13	1.479	177.6	135.6704665
1.593	184.3	135.6843278	23.11	1.894	180.6	135.4473567
1.429	190.3	137.2889944	23.11	1.701	181.7	135.458704
1.578	186.7	136.1424529	23.11	1.916	178.8	135.5365272
1.502	184.8	135.759882	23.13	1.958	178.3	135.5850754
1.3	181.4	135.4506575	23.11	1.773	174.2	136.3768654
2.021	187.5	136.3491176	23.12	2.195	178.3	135.5850754
1.348	181.8	135.4622116	23.14	1.751	175.9	135.9628798
1.626	183.9	135.6313781	23.13	1.863	176.7	135.8102214
1.663	184	135.6439919	23.13	2.01	178.3	135.5850754
1.423	183.1	135.5454083	23.12	1.83	176.2	135.9024875
1.318	177.3	135.7132992	23.11	1.742	172.4	136.949775
1.54	181.8	135.4622116	23.11	1.774	173.6	136.5523328
1.565	186.1	136.0052434	23.12	2.132	178.7	135.5454083
1.512	187.6	136.3768654	23.12	1.91	177.6	135.6704665
1.443	186.8	136.1668004	23.13	1.776	181.4	135.4506575
1.452	181.5	135.452927	23.13	1.662	175.2	136.1185285
1.41	184	135.6439919	23.13	1.773	175.5	136.0492916
1.724	186.1	136.0052434	23.13	1.912	178.1	135.6073966
1.768	186.2	136.0270567	23.18	1.999	177.8	135.6439919
1.412	177	135.759882	23.21	1.767	174.1	136.4050401
1.199	182.4	135.4919297	23.19	1.605	174.3	136.3491176
1.39	180.1	135.458704	23.2	1.843	174.1	136.4050401
1.44	177	135.759882	23.22	1.695	171.7	137.21054
1.427	175.4	136.0719483	23.22	1.699	169.4	138.2203136
1.433	184.2	135.6704665	23.22	1.828	176.1	135.9221983
1.349	182.3	135.4859439	23.21	1.747	176.8	135.7930238
1.261	182.9	135.52806	23.2	1.676	176.2	135.9024875
1.307	183.4	135.5745369	23.17	1.675	176.1	135.9221983
1.246	189.7	137.0589052	23.16	1.727	185.6	135.9024875
1.765	186.5	136.0950271	23.19	2.145	178.6	135.5547035
1.632	187.9	136.4626721	23.23	1.69	184.3	135.6843278
1.692	187.6	136.3768654	23.24	1.854	182.7	135.5123672
1.486	190.6	137.4099861	23.27	1.81	181.5	135.452927
1.048	186.4	136.0719483	23.27	1.524	183	135.5365272
1.359	195.8	140.1581671	23.26	1.82	187.6	136.3768654
1.181	191	137.577514	23.25	1.313	182.2	135.4803714
1.427	196.1	140.355632	23.25	1.948	186.9	136.1915717
1.716	201.4	144.6028841	23.33	2.075	190.3	137.2889944
1.316	192.9	138.471433	23.35	1.605	187.5	136.3491176
1.363	197.7	141.484113	23.34	1.731	190.6	137.4099861
1.564	198.9	142.4158267	23.34	1.827	190.2	137.249547
1.231	197.1	141.0459134	23.34	1.557	188.5	136.6458601
1.216	197.2	141.1176841	23.32	1.537	189.1	136.8445673
1.201	188.1	136.5220169	23.3	1.432	184.8	135.759882
1.267	200.2	143.5106627	23.28	1.597	189.4	136.949775

23.25	2.538	190.8	137.4928614	136.4047861	Yes
23.25	2.456	186.9	136.1915717	136.4306599	Yes
23.25	2.521	186.3	136.0492916	135.58717	Yes
23.23	2.141	190.9	137.5349652	137.0005094	Yes
23.2	2.144	189.8	137.0961561	135.7746166	Yes
23.17	2.055	186.7	136.1424529	135.6670841	Yes
23.15	2.387	186.1	136.0052434	135.5110354	Yes
23.16	2.14	188.2	136.5523328	136.4617286	Yes
23.16	2.36	186.1	136.0052434	136.0953635	Yes
23.18	2.212	187.1	136.2423866	135.7499444	Yes
23.16	2.038	182.2	135.4803714	136.0716691	Yes
23.17	2.748	185.9	135.9628798	136.4830563	Yes
23.19	1.998	181.5	135.452927	135.7896777	Yes
23.17	2.441	183.5	135.5850754	135.5844393	Yes
23.17	2.422	184.1	135.6570213	136.0571042	Yes
23.16	2.071	182.3	135.4859439	136.3179774	Yes
23.14	2.01	180.5	135.4488008	136.5546409	Yes
23.15	2.276	180.6	135.4473567	136.0748051	Yes
23.16	2.413	185.1	135.8102214	135.6391506	Yes
23.17	2.299	186.8	136.1668004	135.9465572	Yes
23.18	2.124	186.3	136.0492916	136.1200928	Yes
23.18	2.254	182.8	135.5200067	135.7894803	Yes
23.18	2.144	182.4	135.4919297	135.744241	Yes
23.19	2.502	185.8	135.9423289	135.9251997	Yes
23.23	2.542	185.8	135.9423289	136.269413	Yes
23.25	2.105	182.9	135.52806	135.8820098	Yes
23.23	1.918	182.1	135.475212	135.846683	Yes
23.24	2.048	181.6	135.4556091	135.9395675	Yes
23.26	2.141	178.7	135.5454083	136.6055492	Yes
23.26	2.19	178.7	135.5454083	136.9176091	Yes
23.26	2.073	183.4	135.5745369	135.845415	Yes
23.25	2.124	183.3	135.564413	135.9002313	Yes
23.24	1.967	183.6	135.5960285	135.7038265	Yes
23.21	1.971	183.7	135.6073966	135.7030245	Yes
23.21	1.989	188.8	136.743267	136.8933243	Yes
23.24	2.651	188.1	136.5220169	136.0577209	Yes
23.29	2.342	188.6	136.6778973	136.2958193	Yes
23.3	2.461	190.5	137.3692134	136.0753048	Yes
23.32	2.16	190	137.171973	137.6219026	Yes
23.31	1.665	188.1	136.5220169	135.6453523	Yes
23.3	2.058	193.8	138.952495	138.5589781	Yes
23.3	1.76	191.6	137.8421902	136.3958231	Yes
23.31	2.216	194.7	139.4714437	139.1892772	Yes
23.38	2.529	196.9	140.9038772	142.1187062	Yes
23.4	2.045	194.2	139.1784222	139.2202586	Yes
23.39	2.116	196.3	140.4897269	139.9367087	Yes
23.39	2.153	197.2	141.1176841	139.6573912	Yes
23.38	1.769	195.8	140.1581671	138.3232185	Yes
23.36	1.836	194.9	139.5919783	138.8844549	Yes
23.34	1.871	192.5	138.2696225	136.205647	Yes
23.33	1.948	196.2	140.4224336	140.7377988	Yes

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7/29/2019	3:31	23.03	0.536
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7/29/2019	3:34	23.16	0.601
7/29/2019	3:35	23.17	0.743
7/29/2019	3:36	23.16	1.228
7/29/2019	3:37	23.19	1.282
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7/29/2019	4:17	22.22	0.577

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186.4164902	23.03
143.9189973	22.97
149.9641021	23.09
175.7462142	23.05
176.6631365	23.03
187.4756675	22.96
173.3161361	22.89
177.5983781	22.83
169.0279442	22.78
175.5198021	22.75
172.0452245	22.74
185.7886529	22.71
145.2891508	22.69
142.7702052	22.67
141.2801795	22.62
141.6027124	22.59
149.3256382	22.56
192.5597384	22.51
174.0400802	22.46
173.3102392	22.43
179.4670474	22.41
179.7400211	22.39
164.3504379	22.37
190.2254851	22.36
163.7633675	22.34
187.6599662	22.31
189.898934	22.28
177.8577632	22.25
173.3102392	22.24
158.8542338	22.23
168.49455	22.22
185.1983516	22.21
172.5912057	22.2
186.4164902	22.21
178.6563324	22.22
178.6563324	22.21

1.121	194.4	139.2942101	23.26	1.469	185.3	135.8458714
1.125	197.9	141.6342428	23.23	1.303	189.5	136.9857152
1.387	201.8	144.9848547	23.22	1.476	189.1	136.8445673
1.115	201.8	144.9848547	23.21	1.502	193.6	138.8423412
1.316	204.6	147.9207527	23.21	1.626	194.8	139.5314724
1.659	208.9	153.4015168	23.29	2.073	199.9	143.249962
1.241	217.2	168.0614801	23.37	1.768	209.8	154.712722
1.31	241.9	161.5271173	23.39	1.714	237.6	169.0279442
1.557	281.9	143.9189973	23.41	2.212	277.6	142.2462495
2.425	303.5	167.6946976	23.38	3.087	300.8	162.9661204
2.839	307.8	176.6631365	23.38	3.405	306.1	172.8883094
2.93	307.8	176.6631365	23.37	3.586	307	174.8472386
2.631	316.1	190.8837175	23.32	3.308	314	195.7142115
1.951	314.4	195.7142115	23.24	2.436	313.9	195.7142115
2.047	308.6	178.5523232	23.17	2.534	306.4	173.5316387
1.593	313.3	191.3112307	23.12	2.176	314.3	195.7142115
1.393	282.4	144.169036	23.07	1.796	281.7	143.8222881
1.211	291.5	150.9250156	23.21	1.582	290.1	149.595865
1.33	304.4	169.4174385	23.18	1.53	301.7	164.4719393
1.499	304.6	169.810806	23.15	1.821	302.9	166.5881931
1.504	305	170.6093072	23.07	1.79	302.8	166.4069628
1.562	303.5	167.6946976	22.99	1.905	301.1	163.4605101
1.657	305.7	172.0452245	22.92	1.975	302.7	166.2266321
1.388	301	163.294883	22.86	1.752	299.1	160.3021067
1.537	305	170.6093072	22.84	2.102	302.8	166.4069628
1.622	302.3	165.5142265	22.83	2.09	301.2	163.6269725
1.653	305.7	172.0452245	22.81	1.996	305.6	171.8370419
1.305	284.2	145.1683796	22.78	1.57	280.6	143.3238336
1.032	279.9	143.0358082	22.76	1.334	277.6	142.2462495
1.012	275.3	141.6924026	22.71	1.278	270.2	141.2853442
0.904	270.8	141.2750152	22.69	1.285	266	141.7930115
0.959	287.6	147.4958051	22.65	1.209	284.6	145.4118964
1.174	308.5	178.312062	22.59	1.298	306.5	173.7482078
1.185	313.6	192.2329492	22.55	1.356	314.1	195.7142115
1.142	312.8	189.8060036	22.52	1.326	311.7	186.6257896
1.371	313.6	192.2329492	22.51	1.408	316.7	188.9294126
1.374	313.7	192.5433417	22.49	1.462	311.6	186.3453391
1.523	319.8	179.7400211	22.48	1.93	318.6	183.1257514
1.716	313.1	190.7045403	22.47	2.191	310.2	182.5632711
1.438	323.8	169.8197457	22.44	1.82	324.6	168.0614801
1.25	315.2	193.9326112	22.4	1.562	313	190.403504
1.154	312.8	189.8060036	22.36	1.461	315.3	193.5866754
1.295	314.8	195.3347893	22.34	1.693	315.9	191.5488631
1.348	315.2	193.9326112	22.32	1.749	315	194.6299891
1.142	322.7	172.3538995	22.31	1.302	321.1	176.2962446
1.159	319	181.9742025	22.29	1.343	320.8	177.0711342
1.04	316	191.2154206	22.27	1.226	314	195.7142115
1.301	318.1	184.5985921	22.27	1.566	318	184.8977039
1.392	310.2	182.5632711	22.28	1.649	310	182.0442679
1.056	314.2	195.7142115	22.28	1.201	313.7	192.5433417
1.414	316.2	190.5537426	22.27	1.743	314.7	195.6900033

23.3	1.688	193.9	139.008273	139.1643091	Yes
23.27	1.591	197.5	141.3360215	139.1341985	Yes
23.26	1.868	197.3	141.1899582	140.8192183	Yes
23.26	1.687	198.5	142.096964	142.8003259	Yes
23.27	1.92	198.3	141.9406579	142.8406543	Yes
23.35	2.313	204.8	148.1486618	148.4950775	Yes
23.42	1.861	213.4	160.5962459	162.4636086	Yes
23.45	1.869	239.5	165.5142265	164.7793997	Yes
23.48	2.408	282.7	144.324759	144.1354407	Yes
23.43	3.462	305.7	172.0452245	168.071911	Yes
23.43	4.112	310.9	184.4211537	176.1995703	Yes
23.41	4.315	311.3	185.5124012	178.9574411	Yes
23.36	3.896	318.4	183.7103804	189.1742664	Yes
23.26	2.815	320.7	177.3320297	185.9815768	Yes
23.19	2.843	310.4	183.0874794	178.6027081	Yes
23.14	2.454	318.5	183.4173207	190.5128783	Yes
23.1	1.965	288.3	148.0494963	145.0512951	Yes
23.26	1.713	298	158.6977847	149.1688183	Yes
23.23	1.886	308.7	178.7937782	176.3374509	Yes
23.21	2.168	307.8	176.6631365	171.1214709	Yes
23.13	2.154	308.9	179.2802945	176.3152746	Yes
23.04	2.193	307.1	175.0703199	167.4086657	Yes
22.97	2.393	308.4	178.0729882	174.805447	Yes
22.91	1.928	305.7	172.0452245	165.7582833	Yes
22.88	2.383	308	177.1284437	168.3611078	Yes
22.87	2.31	307.3	175.5198021	167.8486266	Yes
22.86	2.315	309.2	180.0191816	173.7085595	Yes
22.82	1.817	289.7	149.2366877	144.6215619	Yes
22.81	1.406	285.2	145.7920604	143.6470958	Yes
22.76	1.358	275.9	141.8144468	141.5777269	Yes
22.73	1.273	271.3	141.2782429	141.4954778	Yes
22.69	1.306	287.9	147.7298938	149.4027007	Yes
22.64	1.655	310.8	184.1517432	184.1360369	Yes
22.59	1.675	317.6	186.1096044	185.1608933	Yes
22.57	1.672	316.8	188.6095808	181.8999489	Yes
22.54	1.86	320.8	177.0711342	185.5798408	Yes
22.53	1.922	316.5	189.5740787	186.9699026	Yes
22.51	2.316	322.4	173.0693692	173.0907654	Yes
22.49	2.452	315.3	193.5866754	188.6251023	Yes
22.46	2.077	328.3	160.7752562	163.1498601	Yes
22.42	1.895	319.6	180.290119	191.5691149	Yes
22.38	1.777	318.8	182.5470487	192.0682671	Yes
22.36	1.923	321.6	175.0303206	190.1139068	Yes
22.34	1.971	319.3	181.1257634	189.3967627	Yes
22.32	1.607	325.7	165.7545685	165.0162028	Yes
22.3	1.828	324.3	168.7126952	179.4109703	Yes
22.28	1.499	320.1	178.9252109	184.6248341	Yes
22.27	1.932	323.3	170.9545255	180.5266709	Yes
22.28	1.908	316.1	190.8837175	182.4200904	Yes
22.28	1.492	319.5	180.5672593	187.9694817	Yes
22.27	2.107	320.6	177.5942369	186.3668344	Yes

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7/29/2019	4:19	22.23	0.629
7/29/2019	4:20	22.22	0.54
7/29/2019	4:21	22.21	0.332
7/29/2019	4:22	22.2	0.362
7/29/2019	4:23	22.19	0.329
7/29/2019	4:24	22.19	0.34
7/29/2019	4:25	22.18	0.543
7/29/2019	4:26	22.18	0.31
7/29/2019	4:27	22.17	0.372
7/29/2019	4:28	22.17	0.382
7/29/2019	4:29	22.17	0.357
7/29/2019	4:30	22.16	0.574
7/29/2019	4:31	22.15	0.48
7/29/2019	4:32	22.15	0.365
7/29/2019	4:33	22.15	0.375
7/29/2019	4:34	22.14	0.505
7/29/2019	4:35	22.14	0.405
7/29/2019	4:36	22.13	0.205
7/29/2019	4:37	22.13	0.287
7/29/2019	4:38	22.13	0.202
7/29/2019	4:39	22.13	0.284
7/29/2019	4:40	22.13	0.278
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7/29/2019	5:00	22.12	0.569
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7/29/2019	5:02	22.09	0.606
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7/29/2019	5:04	22.08	0.541
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292.6	152.0502072	22.07
294.1	153.7040237	22.07
307.6	176.202409	22.06
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295.7	155.627126	22.08
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305.2	171.014516	22.08
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302.9	166.5881931	22.09
298.2	158.9827372	22.09
297.7	158.2758734	22.08
313.8	195.7142115	22.07
301.6	164.3012465	22.06
298.8	159.8555038	22.07
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284.5	145.3502763	22.06
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280.7	143.3668232	22.04
285.2	145.7920604	22.03
284.2	145.1683796	22.02
291.7	151.1242187	22.02
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0.707	313.2
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1.238	293.5
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1.161	305.2
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0.98	300.4
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0.848	299.2
1.164	317.5
1.073	304.8
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1.028	285.7
1.365	287.3
1.19	282.1
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1.082	285.9
1.126	286.1
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195.7142115	22.14
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177.3320297	22.14
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1.446	302.4	165.6909983	22.28	1.923	300.9	163.1300876
1.211	309.9	181.7867003	22.28	1.517	309	179.5253688
0.99	326.8	163.5696028	22.27	1.244	326.4	164.3504379
1.065	312.4	188.6290418	22.24	1.313	315.1	194.2803784
0.868	313.3	191.3112307	22.22	1.228	312.9	190.1039947
0.916	306.7	174.1845669	22.21	1.199	307.7	176.4322033
1.265	310.3	182.824721	22.2	1.598	308.7	178.7937782
1	314.5	195.7142115	22.21	1.315	315.5	192.9002508
1.024	318.6	183.1257514	22.2	1.146	318.6	183.1257514
1.067	315.9	191.5488631	22.19	1.456	316.8	188.6095808
1.344	314.4	195.7142115	22.18	1.591	314.1	195.7142115
1.191	310	182.0442679	22.18	1.586	309.1	179.7716623
0.981	304.1	168.8346381	22.16	1.216	303.4	167.507983
0.914	304.8	170.2080831	22.15	1.151	304.2	169.0279442
0.828	297.9	158.5564148	22.15	0.982	295.4	155.2536405
0.881	294.5	154.1690811	22.14	1.048	293.2	152.6948941
0.852	292.9	152.3697801	22.14	1.028	292.4	151.8402112
0.521	293.2	152.6948941	22.14	0.658	290.2	149.6870709
0.707	302.7	166.2266321	22.14	0.728	299.8	161.3712442
0.508	297.9	158.5564148	22.14	0.712	298.2	158.9827372
0.691	303.6	167.8823409	22.13	0.911	306.7	174.1845669
0.669	305.3	171.2186266	22.13	0.815	305.2	171.014516
0.78	307.4	175.7462142	22.12	0.929	306.7	174.1845669
0.83	306.4	173.5316387	22.13	0.998	305.3	171.2186266
0.742	304.8	170.2080831	22.14	1.043	303.2	167.137323
1.224	301.2	163.6269725	22.14	1.631	300.8	162.9661204
0.743	312.2	188.0494405	22.16	0.926	306.9	174.6252563
0.945	325.4	166.3713526	22.15	1.06	324.6	168.0614801
1.323	297.8	158.4157786	22.16	1.724	296.3	156.3924283
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1.434	318.8	182.5470487	22.17	1.687	316.4	189.898934
1.304	302.4	165.6909983	22.18	1.679	298.3	159.1263255
1.41	300.6	162.6406568	22.18	1.793	298.5	159.4157407
1.183	299.7	161.2161624	22.18	1.36	294.6	154.2869623
1.161	290.8	150.2462872	22.18	1.46	286.6	146.7497779
0.95	296.5	156.6530324	22.17	1.156	292.8	152.2626427
1.137	313.7	192.5433417	22.16	1.557	308.7	178.7937782
1.065	302.4	165.6909983	22.16	1.486	299.4	160.7556316
1.249	290.2	149.6870709	22.16	1.61	286.8	146.8948028
1.185	288.3	148.0494963	22.15	1.527	284	145.0495749
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1.153	285.8	146.1902907	22.14	1.539	280.7	143.3668232
1.593	286.9	146.9680947	22.14	2.082	282.8	144.3776216
1.283	281.5	143.7274589	22.13	1.896	278.1	142.397648
0.848	285.4	145.922785	22.13	1.209	283.9	144.9909076
1.242	287.3	147.2664881	22.11	1.69	284.4	145.2891508
1.207	285.5	145.9889028	22.11	1.662	279.4	142.843816
1.033	281.4	143.6807474	22.1	1.41	276.3	141.9045775
0.871	273.4	141.4093904	22.09	1.236	269.9	141.2963201
0.729	268.3	141.4203824	22.08	1.024	262.7	142.7340803

22.28	1.716	304.5	169.6136358	165.6601741	Yes
22.28	2.201	306.8	174.4043676	164.6047801	Yes
22.28	1.837	313.5	191.9241395	184.6083561	Yes
22.26	1.445	331.1	156.0853794	160.8786919	Yes
22.24	1.575	317.3	187.035022	190.4373458	Yes
22.22	1.391	317	187.9748679	187.5073785	Yes
22.21	1.407	311.2	185.2375331	179.3288905	Yes
22.2	1.87	311	184.6919171	188.2556785	Yes
22.2	1.559	320.2	178.6563324	184.7445788	Yes
22.2	1.497	324.5	168.2774801	172.5564739	Yes
22.19	1.673	320.6	177.5942369	186.0995323	Yes
22.18	2.089	318	184.8977039	186.0365144	Yes
22.17	1.846	314.5	195.7142115	183.2061619	Yes
22.16	1.463	310.1	182.3031224	171.8466722	Yes
22.15	1.31	308.9	179.2802945	171.4552665	Yes
22.14	1.203	300.6	162.6406568	160.3916866	Yes
22.14	1.233	295.9	155.8794948	153.0100107	Yes
22.14	1.175	296.6	156.7843776	152.2661761	Yes
22.14	0.756	297.4	157.8605159	154.3643083	Yes
22.13	0.91	303.1	166.9533691	169.119065	Yes
22.13	0.769	302.5	165.8686538	160.4211643	Yes
22.13	0.983	313.1	190.7045403	178.8448743	Yes
22.13	0.934	309.6	181.0216499	176.5218062	Yes
22.12	1.088	309.3	180.2679334	180.4898859	Yes
22.13	1.215	307.8	176.6631365	181.3167249	Yes
22.14	1.108	309.5	180.7691609	171.7050234	Yes
22.14	1.821	305.5	171.6298847	166.381206	Yes
22.15	1.06	310.8	184.1517432	186.471122	Yes
22.15	1.245	327.7	161.8681603	161.3396424	Yes
22.16	1.898	300.7	162.802978	157.2832794	Yes
22.16	1.993	294.3	153.9352634	153.4448501	Yes
22.16	2.031	319	181.9742025	177.1063015	Yes
22.17	1.935	304.8	170.2080831	166.711589	Yes
22.18	2.063	301	163.294883	169.4365559	Yes
22.18	1.691	299.1	160.3021067	161.1024455	Yes
22.17	1.695	292.4	151.8402112	151.4624976	Yes
22.17	1.463	297.1	157.451638	156.9110142	Yes
22.16	1.765	313.4	191.6169031	188.3669554	Yes
22.16	1.457	305.3	171.2186266	165.2389899	Yes
22.15	1.935	292.8	152.2626427	151.8903991	Yes
22.15	1.703	288.7	148.3777321	147.9489592	Yes
22.16	1.211	286.6	146.7497779	144.3624271	Yes
22.14	1.707	285.8	146.1902907	145.2575112	Yes
22.13	2.347	288.6	148.294859	146.1837147	Yes
22.13	1.918	282	143.9680589	143.3773807	Yes
22.12	1.305	288.5	148.2125295	145.6244533	Yes
22.11	1.871	289.3	148.8864702	145.9956134	Yes
22.11	1.804	284.5	145.3502763	146.5882979	Yes
22.1	1.41	283.3	144.6491348	144.4725279	Yes
22.08	1.248	272.1	141.3057907	141.3728432	Yes
22.08	1.099	269.7	141.3057907	141.8971447	Yes

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0.934	263	142.6284203	22.07	1.304	259.4	144.169036
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0.942	268.2	141.431807	22.03	1.464	265.1	142.0017483
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0.926	271.2	141.2767366	22.01	1.381	267.1	141.5860815
0.937	275.7	141.7720144	22.01	1.306	270.1	141.2885722
1.186	271.8	141.2922309	22	1.742	270.3	141.2825466
1.069	267.5	141.5239064	22	1.552	264.7	142.105983
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1.143	294.2	153.8193224	21.98	1.545	290.9	150.341502
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1.046	297.8	158.4157786	21.98	1.174	294.6	154.2869623
1.393	307	174.8472386	21.98	1.733	307.3	175.5198021
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1.747	318.7	182.8356637	21.99	2.075	317	187.9748679
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22.06	1.554	269.6	141.3111722	142.0759077	Yes
22.07	1.586	265	142.0271438	143.5321574	Yes
22.06	1.453	265.3	141.9522815	143.1219412	Yes
22.05	1.56	270.5	141.2782429	141.8676733	Yes
22.04	1.448	271.5	141.2825466	141.6179508	Yes
22.03	1.247	275.6	141.7514553	141.369999	Yes
22.03	1.345	271.3	141.2782429	141.5027624	Yes
22.02	1.589	269.5	141.3169846	141.6135471	Yes
22.02	1.363	274.1	141.4954247	141.3474083	Yes
22.01	1.423	272.7	141.344545	141.368225	Yes
22	1.441	273.6	141.431807	142.1465531	Yes
22	1.782	275.7	141.7720144	141.2993882	Yes
22	1.599	271	141.2750152	141.7695298	Yes
22	1.421	274.7	141.5860815	141.9125142	Yes
21.99	2.054	280.3	143.1976347	143.787692	Yes
21.97	2.567	272.3	141.3169846	141.3215157	Yes
21.96	1.952	262.7	142.7340803	144.506325	Yes
21.95	1.961	254.9	146.9680947	153.8668428	Yes
21.94	1.348	248.4	152.9147416	161.0985148	Yes
21.93	1.766	250.4	150.8262993	160.2113517	Yes
21.94	1.714	263.1	142.5941034	147.2952585	Yes
21.94	1.136	262	142.996497	146.4483652	Yes
21.92	1.155	248.6	152.6948941	166.7479625	Yes
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21.92	0.803	272.6	141.3370081	141.6190786	Yes
21.92	0.977	280.6	143.3238336	146.0304097	Yes
21.92	1.402	290.2	149.6870709	148.058271	Yes
21.93	1.69	298.4	159.2706591	170.0434346	Yes
21.93	1.638	284.4	145.2891508	145.9931458	Yes
21.95	1.814	294.1	153.7040237	153.1859891	Yes
21.96	2.634	296.5	156.6530324	154.8395465	Yes
21.98	1.757	296.4	156.5223835	154.50234	Yes
21.98	2.108	293.2	152.6948941	152.447866	Yes
21.98	1.494	299.9	161.5271173	157.3410178	Yes
21.98	2.121	310.7	183.8836779	173.5880925	Yes
21.99	2.028	316.8	188.6095808	189.2400141	Yes
21.99	2.637	319.7	180.0143756	185.0192633	Yes
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21.97	2.41	319.3	181.1257634	180.1049407	Yes
21.97	3.006	331.9	154.8621634	155.7099214	Yes
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21.98	2.693	334	151.8792052	153.7894758	Yes
22	3.464	337.3	147.8077356	149.2528634	Yes
22.02	3.172	329.4	158.8542338	161.6663647	Yes
22.04	2.953	322.1	173.7955882	175.6258424	Yes
22.02	2.769	313.8	195.7142115	186.5252237	Yes
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22.03	2.888	321.9	174.2857928	178.2281754	Yes
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234.6	175.2945059	20.74
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185.1	135.8102214	20.71
158.8	146.1859844	20.68
130.3	182.824721	20.66
130.5	183.3515534	20.64
220.2	175.0303206	20.62
352.3	136.9857152	20.6
12.13	138.0894546	20.58
33.55	160.8650951	20.46
70.68	150.553016	20.35
116.3	156.3924283	20.29
98.3	142.4613373	20.26
109.1	148.7146909	20.25
113.5	153.0256028	20.27
118	158.6977847	20.31
139.7	180.0143756	20.36
137.6	186.1096044	20.39
140.4	178.1226162	20.37
112.6	152.0502072	20.35
118.3	159.1263255	20.36
113.7	153.2492103	20.37
126.9	174.6252563	20.36
111.8	151.2247092	20.33
106.5	146.6780426	20.27
130.9	184.4211537	20.21
143.4	170.7253164	20.18
142	174.0400802	20.17
171.2	137.4099861	20.15
197.1	141.0459134	20.14
236.7	170.8114111	20.17
241.4	162.3184643	20.2

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1.774	7.48
2.112	8.13
2.317	353.6
2.79	4.39
2.472	6.504
2.692	7.372
2.127	1.519
2.409	4.68
2.246	1.796
1.814	3.831
2.073	356
1.965	354.8
0.967	337.1
1.436	334.3
1.029	328.8
0.754	295
0.635	267.3
0.628	263.6
0.676	220.5
0.513	186.9
0.45	172
0.406	154.5
0.466	126.9
0.362	128.7
0.186	178.1
0.389	356.1
0.52	15.42
0.504	34.15
0.47	64.69
0.468	107.6
0.561	95.4
0.588	99.6
1.108	110.8
0.99	119.6
1.415	132.2
1.28	133.8
1.74	131.7
1.734	125
1.667	125.5
1.836	130.6
1.592	124
1.815	117.5
1.269	110.9
1.193	129.8
1.338	137.7
1.016	126.3
1.027	149.8
0.851	181.4
0.985	212.3
0.902	226.9

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136.3436192	21.92
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136.3142226	21.3
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135.6229168	20.94
135.9423289	20.9
136.2167669	20.87
148.034394	20.85
151.4788997	20.82
159.8890273	20.8
154.7650203	20.77
141.5541247	20.77
142.4292686	20.76
175.7860767	20.77
136.1915717	20.76
137.0961561	20.73
151.2154981	20.7
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161.9607105	20.43
157.4651636	20.36
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192.8553266	20.45
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170.6093072	20.41
171.6298847	20.42
183.6169505	20.42
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150.341502	20.37
181.5304128	20.33
185.8042924	20.33
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158.684756	20.32
194.9814553	20.34

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2.054	6.799	136.1665549	21.99	2.688	7.181	136.26345
2.603	5.594	135.9013182	21.99	3.157	5.795	135.9413124
2.548	354.3	136.3491176	21.97	3.262	354	136.4336422
3.279	4.588	135.7265745	21.87	4.028	3.241	135.5586343
3.111	8.76	136.7300548	21.61	3.789	4.486	135.711217
3.333	5.528	135.8885556	21.39	4.299	3.591	135.5950258
2.861	1.904	135.4662976	21.23	3.543	0.805	135.4456862
3.248	0.526	135.4483856	21.14	3.877	1.684	135.4581811
2.822	5.217	135.8308735	21.1	3.404	1.631	135.4565244
2.482	3.345	135.5689175	21.06	3.059	4.272	135.6804047
2.502	354.1	136.4050401	21.03	3.222	354.6	136.2684311
2.486	352.4	136.949775	21.01	3.143	355.4	136.0719483
1.337	325.8	165.5509953	20.97	1.607	335.6	149.8154124
1.705	333.5	152.5604335	20.95	2.19	335.9	149.4475739
1.466	329.2	159.1957351	20.93	1.635	330.2	157.5218261
1.052	294.3	153.9352634	20.9	1.152	298.9	160.0036074
0.852	267	141.6027124	20.88	1.097	263.1	142.5941034
0.779	262.3	142.8813029	20.87	1.018	258.6	144.5938692
1.061	228.2	192.2329492	20.87	1.132	220.8	176.5532489
0.844	197.1	141.0459134	20.85	0.915	189.1	136.8445673
0.698	182.6	135.5051412	20.82	0.797	179.5	135.4859439
0.586	157.3	147.8077356	20.79	0.728	157.5	147.5835656
0.711	127.2	175.2945059	20.78	0.793	128.2	177.5983781
0.564	128.7	178.7937782	20.77	0.613	129.2	180.0191816
0.247	152	154.712722	20.76	0.297	138.4	183.7103804
0.499	355.2	136.1185285	20.73	0.538	356.9	135.7762441
0.699	11.94	137.9993527	20.71	0.864	15	139.6529623
0.65	29.84	154.7724074	20.68	0.875	30.32	155.4981709
0.825	65.26	156.7054868	20.61	0.84	59.48	165.5495103
0.748	106.3	146.5361202	20.61	0.726	102	143.9680589
0.946	95	141.6372805	20.62	0.886	93.7	141.4436643
0.942	100	143.0755769	20.59	0.947	99.3	142.8067836
1.545	114.7	154.4054945	20.56	1.704	112.6	152.0502072
1.486	125.9	172.4646859	20.54	1.688	125.1	170.8114111
1.906	137.1	187.6599662	20.54	2.316	136.7	188.9294126
1.716	135	194.6299891	20.54	2.151	136.7	188.9294126
2.216	139.2	181.4071437	20.53	2.651	137.8	185.5005447
2.393	132.3	188.3385084	20.54	2.647	131.4	185.7886529
2.082	132	187.4756675	20.51	2.505	129.4	180.5179243
2.549	137.6	186.1096044	20.52	2.902	135.6	192.5597384
2.133	129.5	180.7691609	20.53	2.362	126.3	173.3161361
2.241	124.7	170.0089535	20.56	2.819	120.4	162.3184643
1.685	115.4	155.2536405	20.56	1.749	110.8	150.2462872
1.628	134.6	195.4097096	20.52	1.832	130.1	182.3031224
1.712	143.7	170.0444603	20.52	2.088	138.9	182.2598979
1.384	133.5	191.9241395	20.55	1.545	132	187.4756675
1.445	159.2	145.7762909	20.52	1.679	153	153.2595242
1.215	182.1	135.475212	20.49	1.462	178	135.6191797
1.432	215.7	164.946271	20.48	1.735	205.8	149.3262707
1.275	230	186.9076557	20.52	1.526	219.7	173.7955882

22.03	2.584	7.151	136.2556162	137.1519021	Yes
22.01	3.1	10.27	137.2771139	136.3314892	Yes
22	3.807	7.683	136.4002203	136.1856875	Yes
21.98	3.764	359.7	135.475212	136.3193554	Yes
21.86	4.856	5.777	135.9376617	135.648695	Yes
21.6	4.555	9.69	137.0552041	138.2850287	Yes
21.37	4.862	6.69	136.1400414	135.8133822	Yes
21.23	4.263	5.646	135.9115023	135.4533079	Yes
21.15	4.532	3.806	135.6198999	135.5575216	Yes
21.11	3.918	6.314	136.0524381	135.5534445	Yes
21.08	3.482	7.453	136.3362234	135.7548213	Yes
21.05	3.436	358.5	135.564413	136.2412294	Yes
21.03	3.287	359.5	135.4859439	136.2238779	Yes
20.99	1.786	338.6	146.3943767	159.6077806	Yes
20.96	2.436	338.4	146.6051528	151.1756013	Yes
20.95	2.044	331.8	155.0123664	159.6186872	Yes
20.92	1.469	304.4	169.4174385	154.049924	Yes
20.9	1.168	270.4	141.2801795	141.8913468	Yes
20.88	1.146	264.2	142.2462495	142.9089436	Yes
20.88	1.411	229.8	187.4756675	179.9666952	Yes
20.86	1.208	197.5	141.3360215	140.5291116	Yes
20.83	1.001	192.2	138.1230627	135.9743657	Yes
20.8	0.829	164.3	141.3360215	148.1981959	Yes
20.79	0.953	134.4	194.7612235	177.5857153	Yes
20.77	0.698	132.3	188.3385084	180.2395729	Yes
20.76	0.424	140.6	177.5942369	162.2652049	Yes
20.73	0.487	359.5	135.4859439	136.2006715	Yes
20.69	0.977	16.76	140.805642	138.914027	Yes
20.67	1.06	31.07	156.6680585	158.274096	Yes
20.62	1.109	65.6	156.2631643	157.5682942	Yes
20.6	0.878	105.7	146.1226545	148.5981031	Yes
20.62	1.211	95.2	141.6735922	141.813483	Yes
20.59	1.216	99.2	142.7702052	144.3790741	Yes
20.56	2.148	118.6	159.5615734	152.4318979	Yes
20.55	2.054	130.1	182.3031224	165.7589375	Yes
20.55	2.675	139.4	180.8458047	186.1632987	Yes
20.54	2.35	139.6	180.290119	190.6310832	Yes
20.51	2.982	140.9	176.811543	182.9140235	Yes
20.53	3.423	137	187.9748679	174.1966689	Yes
20.51	2.943	134.2	194.1193848	174.6874505	Yes
20.51	3.533	139.6	180.290119	178.8838759	Yes
20.51	2.991	129.9	181.7867003	174.33821	Yes
20.53	3.08	124.4	169.4174385	160.387593	Yes
20.53	2.178	115.3	155.1304872	150.6298681	Yes
20.5	2.099	136	191.2154206	185.9160996	Yes
20.51	2.499	143.1	171.416365	177.2084917	Yes
20.56	1.827	134.6	195.4097096	181.6890058	Yes
20.54	1.867	157	148.1486618	148.6567926	Yes
20.52	1.67	183.7	135.6073966	136.8977406	Yes
20.51	1.906	213.8	161.3176459	160.9421772	Yes
20.55	1.673	227.7	193.8009328	179.5007909	Yes

7/29/2019	6:51	20.27	0.677
7/29/2019	6:52	20.25	0.658
7/29/2019	6:53	20.21	0.369
7/29/2019	6:54	20.17	0.357
7/29/2019	6:55	20.12	0.078
7/29/2019	6:56	20.08	0.067
7/29/2019	6:57	20.05	0.128
7/29/2019	6:58	20.03	0.276
7/29/2019	6:59	20.02	0.352
7/29/2019	7:00	20.01	0.346
7/29/2019	7:01	20	0.481
7/29/2019	7:02	20.02	0.574
7/29/2019	7:03	20.04	0.597
7/29/2019	7:04	20.06	0.41
7/29/2019	7:05	20.07	0.343
7/29/2019	7:06	20.05	0.491
7/29/2019	7:07	20.05	0.394
7/29/2019	7:08	20.06	0.444
7/29/2019	7:09	20.06	0.347
7/29/2019	7:10	20.06	0.263
7/29/2019	7:11	20.07	0.145
7/29/2019	7:12	20.08	0.207
7/29/2019	7:13	20.09	0.255
7/29/2019	7:14	20.12	0.263
7/29/2019	7:15	20.13	0.3
7/29/2019	7:16	20.16	0.367
7/29/2019	7:17	20.17	0.602
7/29/2019	7:18	20.19	0.571
7/29/2019	7:19	20.19	0.526
7/29/2019	7:20	20.18	0.615
7/29/2019	7:21	20.17	0.518
7/29/2019	7:22	20.15	0.603
7/29/2019	7:23	20.14	0.598
7/29/2019	7:24	20.14	0.482
7/29/2019	7:25	20.14	0.47
7/29/2019	7:26	20.15	0.397
7/29/2019	7:27	20.18	0.405
7/29/2019	7:28	20.19	0.475
7/29/2019	7:29	20.22	0.492
7/29/2019	7:30	20.23	0.646
7/29/2019	7:31	20.24	0.642
7/29/2019	7:32	20.23	0.755
7/29/2019	7:33	20.24	0.552
7/29/2019	7:34	20.24	0.622
7/29/2019	7:35	20.23	0.448
7/29/2019	7:36	20.24	0.386
7/29/2019	7:37	20.25	0.439
7/29/2019	7:38	20.27	0.429
7/29/2019	7:39	20.29	0.483
7/29/2019	7:40	20.31	0.659
7/29/2019	7:41	20.32	0.601

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263.4	142.4938547	20.2
265	142.0271438	20.16
280.4	143.23924	20.1
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192.7	138.3696112	19.94
224.7	187.6599662	19.93
217.4	168.49455	19.93
181.3	135.4488008	19.93
150	157.8499471	19.92
136.4	189.898934	19.93
131.6	186.3453391	19.95
161.4	143.6871825	19.98
186.2	136.0270567	19.98
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213	159.8890273	19.99
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214.1	161.8681603	20.01
197.5	141.3360215	20.01
182.2	135.4803714	20.02
215.1	163.7633675	20.03
207.5	151.4788997	20.05
202.7	145.8778326	20.08
202.4	145.5749597	20.1
215.2	163.9580918	20.13
225.4	189.898934	20.15
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232.1	181.2753983	20.17
241.8	161.6837847	20.17
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243.8	158.6977847	20.13
255.7	146.3962542	20.11
238.2	167.8823409	20.1
224.4	186.7249594	20.1
218.4	170.7253164	20.12
207.2	151.0848301	20.14
222.9	182.2598979	20.17
217.9	169.5961403	20.2
224	185.5005447	20.22
232.5	180.2679334	20.23
226.4	193.2425592	20.23
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207.8	151.8792052	20.24
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220.6	176.0405229	20.24
219.1	172.3538995	20.26
207.6	151.6116385	20.28
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212.2	158.5161218	20.33
214.8	163.184934	20.35

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1.257	261.2
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0.667	270.5
0.223	295.4
0.135	351.9
0.247	196.4
0.471	211.3
0.59	202.6
0.7	172.9
0.857	148.9
0.888	136.6
0.839	129.8
0.764	137.5
0.696	175
0.809	194.5
0.574	205.9
0.723	198.9
0.663	192.2
0.473	185
0.302	177.7
0.42	192.4
0.467	192
0.558	198.2
0.59	196.8
0.685	201.8
0.833	208.7
0.888	216.2
0.861	217
0.965	221
0.889	220.4
0.999	223.6
0.901	235
0.752	223.4
0.855	210.3
0.699	204.5
0.832	205.1
0.901	206.5
0.781	210.6
1.013	205.9
0.942	214.6
0.895	207.7
0.818	210.6
0.966	200.2
0.83	206.9
0.659	194.5
0.83	193
0.739	195.4
0.77	192.1
0.937	200.4
0.849	202.2

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143.3238336	20.31
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141.2782429	20.21
155.2536405	20.17
137.1338452	20.12
140.557513	20.08
157.0357721	20.06
145.7762909	20.07
136.7766005	20.05
159.7144084	20.05
189.2509084	20.08
181.5304128	20.09
186.4164902	20.11
136.1668004	20.12
139.3528135	20.1
149.4475739	20.12
142.4158267	20.13
138.1230627	20.13
135.7930238	20.14
135.6570213	20.15
138.2203136	20.15
138.0276292	20.18
141.8632814	20.2
140.8336095	20.22
144.9848547	20.25
153.1182603	20.26
165.9591491	20.28
167.6326681	20.27
177.0711342	20.27
175.5328989	20.25
184.3010071	20.23
174.4043676	20.21
183.7103804	20.21
155.4675767	20.22
147.8077356	20.24
148.4952449	20.28
150.1891937	20.3
155.9297559	20.34
149.4475739	20.35
162.8040494	20.36
151.7450728	20.36
155.9297559	20.37
143.5106627	20.38
150.6969261	20.4
139.3528135	20.42
138.5230334	20.44
139.9016992	20.48
138.0751192	20.5
143.6871825	20.52
145.3759529	20.54

1.375	253.4	148.1307424	20.53	1.598	248.5	152.8045061
1.394	260.5	143.6345036	20.49	1.796	255.6	146.4659307
0.962	267.9	141.4686779	20.44	1.223	264.1	142.2756368
0.806	271.7	141.2885722	20.38	1.046	267.5	141.5239064
0.292	283.7	144.8750382	20.33	0.363	276.8	142.0271438
0.2	350.3	137.796957	20.27	0.231	305.6	171.8370419
0.291	203.1	146.2898835	20.24	0.35	200	143.3363204
0.709	210.2	155.3150699	20.22	0.787	205	148.379085
0.926	203.1	146.2898835	20.2	1.042	202.4	145.5749597
1.073	177.8	135.6439919	20.19	1.215	174.7	136.2423866
1.178	158.8	146.1859844	20.18	1.409	155.6	149.8154124
1.378	144	169.3736382	20.2	1.432	142	174.0400802
1.292	138.1	184.5985921	20.21	1.317	136.3	190.2254851
1.156	147	163.184934	20.23	1.19	141.6	175.0303206
1.022	179.7	135.475212	20.22	1.183	172.4	136.949775
1.203	196.1	140.355632	20.21	1.317	190.4	137.328883
1.018	206.4	150.0639356	20.21	1.039	201.6	144.7927354
1.01	200.2	143.5106627	20.22	1.182	194.2	139.1784222
0.917	197.4	141.262737	20.22	1.132	190.6	137.4099861
0.747	189.3	136.9142707	20.22	0.78	182.4	135.4919297
0.428	183	135.5365272	20.23	0.479	168.3	138.7879636
0.609	198.1	141.786421	20.23	0.727	186.9	136.1915717
0.77	198.2	141.8632814	20.24	0.769	187.3	136.2949008
0.755	197.8	141.5589225	20.26	0.932	191.8	137.9340071
0.921	195.8	140.1581671	20.29	0.951	190.3	137.2889944
1.014	204.8	148.1486618	20.31	1.223	197.6	141.4098131
1.346	210.3	155.4675767	20.33	1.408	203.3	146.4994658
1.25	219	172.1177686	20.33	1.56	211.6	157.5218261
1.384	216.3	166.1647422	20.33	1.609	211.1	156.7157803
1.37	220.7	176.2962446	20.32	1.579	215.4	164.3504379
1.294	219.5	173.3102392	20.31	1.518	213.2	160.24088
1.349	224	185.5005447	20.28	1.56	215.7	164.946271
1.233	233.2	178.5523232	20.27	1.46	225.1	188.9294126
1.156	220.8	176.5532489	20.26	1.264	213.3	160.4181218
1.235	211.5	157.3589946	20.27	1.445	206.9	150.6969261
1.114	209	153.5442409	20.29	1.262	203.3	146.4994658
1.224	205.7	149.2056183	20.32	1.413	199.1	142.5784051
1.313	208.9	153.4015168	20.35	1.478	201.8	144.9848547
1.218	212.8	159.540656	20.38	1.423	204.9	148.2635581
1.613	209.8	154.712722	20.38	1.701	203.1	146.2898835
1.45	217.5	168.7126952	20.38	1.605	207.8	151.8792052
1.573	212.1	158.3483275	20.38	1.567	204.3	147.5835656
1.37	211.6	157.5218261	20.39	1.447	203.5	146.7114396
1.461	202.8	145.9799608	20.4	1.674	193.7	138.8971847
1.206	208	152.1495751	20.41	1.461	202.1	145.2773166
1.059	203.9	147.1426245	20.42	1.154	193.6	138.8423412
1.118	200.2	143.5106627	20.44	1.399	192.8	138.4202926
1.139	198.5	142.096964	20.48	1.333	189.7	137.0589052
1.272	200.5	143.7762629	20.5	1.346	191.8	137.9340071
1.337	205.2	148.6120398	20.53	1.639	197	140.9746448
1.401	206.7	150.441715	20.54	1.489	198.8	142.3353263

20.56	1.867	252.9	148.5451154	147.8350614	Yes
20.52	2.066	259.9	143.9189973	143.9795307	Yes
20.48	1.417	267.9	141.4686779	141.7925723	Yes
20.42	1.197	271.8	141.2922309	141.8324904	Yes
20.38	0.522	285.4	145.922785	145.8940512	Yes
20.34	0.238	294.7	154.4054945	145.6298457	Yes
20.31	0.414	223.1	182.8356637	142.138332	Yes
20.29	0.851	216.6	166.7876462	162.0974733	Yes
20.28	1.28	213.1	160.0645165	151.533921	Yes
20.26	1.433	189.1	136.8445673	136.0279449	Yes
20.26	1.55	162.4	142.8262379	153.3914381	Yes
20.27	1.785	147.6	162.0534901	180.6408902	Yes
20.27	1.661	141.1	176.2962446	185.6749573	Yes
20.28	1.545	146.7	163.7633675	167.0797318	Yes
20.27	1.274	179.8	135.4704656	136.154711	Yes
20.25	1.512	201	144.2299319	141.6517147	Yes
20.26	1.362	210.8	156.2417902	151.048318	Yes
20.26	1.42	207.2	151.0848301	148.6196374	Yes
20.27	1.175	199.3	142.7430964	144.6659865	Yes
20.27	0.942	192.6	138.3193881	137.3838114	Yes
20.28	0.626	178.7	135.5454083	136.3654709	Yes
20.28	0.775	195.7	140.0933217	144.9904184	Yes
20.3	0.853	197.9	141.6342428	141.9161778	Yes
20.32	1.068	203.7	146.9258206	141.8085109	Yes
20.34	1.217	200.1	143.4232201	140.9639327	Yes
20.36	1.351	208.5	152.8379067	149.6253554	Yes
20.36	1.706	214.6	162.8040494	161.2460592	Yes
20.37	1.638	219.8	174.0400802	164.3995649	Yes
20.35	1.878	222.3	180.5672593	167.9471472	Yes
20.35	1.768	222.3	180.5672593	169.8504003	Yes
20.33	1.715	221.1	177.3320297	174.9094402	Yes
20.3	1.761	223.8	184.8977039	173.3614019	Yes
20.29	1.677	231.8	182.0442679	172.0705894	Yes
20.28	1.551	224	185.5005447	172.141023	Yes
20.29	1.581	216.5	166.5789856	162.5621142	Yes
20.31	1.49	212.2	158.5161218	154.6441896	Yes
20.35	1.621	210.9	156.3989918	147.8410246	Yes
20.38	1.787	214	161.6837458	157.7088658	Yes
20.41	1.664	216.5	166.5789856	158.3325276	Yes
20.4	2.068	216.9	167.4198452	158.987681	Yes
20.4	1.818	218.6	171.184873	165.9159708	Yes
20.4	1.944	216.2	165.9591491	162.7298813	Yes
20.41	1.766	215.2	163.9580918	156.4793975	Yes
20.43	1.922	208.1	152.2858181	145.0667534	Yes
20.45	1.599	211.5	157.3589946	155.6024026	Yes
20.46	1.349	206.4	150.0639356	150.3445755	Yes
20.49	1.492	202	145.1792559	148.2019721	Yes
20.53	1.497	199.8	143.1641434	142.6673017	Yes
20.56	1.584	201.4	144.6028841	143.0520398	Yes
20.58	1.739	208.7	153.1182603	147.9474972	Yes
20.58	1.785	209.2	153.8318952	150.3344821	Yes

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7/29/2019	7:44	20.38	0.55
7/29/2019	7:45	20.4	0.581
7/29/2019	7:46	20.43	0.51
7/29/2019	7:47	20.47	0.485
7/29/2019	7:48	20.51	0.573
7/29/2019	7:49	20.55	0.583
7/29/2019	7:50	20.58	0.464
7/29/2019	7:51	20.64	0.446
7/29/2019	7:52	20.71	0.497
7/29/2019	7:53	20.77	0.622
7/29/2019	7:54	20.77	0.464
7/29/2019	7:55	20.83	0.544
7/29/2019	7:56	20.86	0.49
7/29/2019	7:57	20.92	0.398
7/29/2019	7:58	20.94	0.594
7/29/2019	7:59	21.01	0.508
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7/29/2019	8:01	21.12	0.482
7/29/2019	8:02	21.14	0.635
7/29/2019	8:03	21.16	0.408
7/29/2019	8:04	21.19	0.718
7/29/2019	8:05	21.21	0.622
7/29/2019	8:06	21.25	0.641
7/29/2019	8:07	21.32	0.516
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7/29/2019	8:11	21.45	0.491
7/29/2019	8:12	21.45	0.458
7/29/2019	8:13	21.56	0.385
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7/29/2019	8:15	21.89	0.348
7/29/2019	8:16	22.1	0.517
7/29/2019	8:17	22.28	0.533
7/29/2019	8:18	22.36	0.396
7/29/2019	8:19	22.25	0.544
7/29/2019	8:20	22.18	0.537
7/29/2019	8:21	22.18	0.664
7/29/2019	8:22	22.19	0.545
7/29/2019	8:23	22.2	0.491
7/29/2019	8:24	22.19	0.51
7/29/2019	8:25	22.15	0.469
7/29/2019	8:26	22.14	0.716
7/29/2019	8:27	22.15	0.58
7/29/2019	8:28	22.17	0.422
7/29/2019	8:29	22.18	0.412
7/29/2019	8:30	22.15	0.361
7/29/2019	8:31	22.17	0.468
7/29/2019	8:32	22.18	0.445

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202.1	145.2773166	20.5
190.2	137.249547	20.54
182.8	135.5200067	20.59
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200.2	143.5106627	20.69
189	136.810367	20.76
201	144.2299319	20.82
198.7	142.25535	20.83
202.7	145.8778326	20.88
194	139.0645196	20.92
216.4	166.3713526	20.97
207.7	151.7450728	21
204.8	148.1486618	21.06
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216.7	166.9973396	21.24
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213	159.8890273	21.28
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200.8	144.0468045	21.52
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209.3	153.9768314	21.58
221.6	178.6563324	21.56
207	150.8255466	21.54
213.1	160.0645165	21.67
212.8	159.540656	21.93
218.2	170.2702897	22.19
214	161.6837458	22.52
202.5	145.6753339	22.76
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232.2	181.0216499	22.67
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203.6	146.8183282	22.41
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207.4	151.3468538	22.26
218.5	170.9545255	22.24
222.1	180.0143756	22.25
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219.6	173.55231	22.24
209.2	153.8318952	22.24

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0.83	188.6
0.686	183.2
0.767	182.4
0.894	194
0.707	203.1
0.707	191.7
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0.743	194.7
0.798	195.7
0.877	188.6
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0.964	194.5
0.762	196.5
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0.996	205.8
0.938	212.9
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1.115	200.2
0.976	203.3
0.692	201.5
0.808	201.9
0.884	214.1
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1.084	204.8
0.96	208.4
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0.958	213.1
0.775	217.7
0.903	216.7
0.917	207.4
1.215	221.8
1.122	221.6
1.171	208.7
0.942	200.6
1.135	205.2
0.968	219.9
1.278	230
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0.8	216.3
0.833	208.5
0.883	208.9

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135.5547035	20.74
135.4919297	20.78
139.0645196	20.82
146.2898835	20.89
137.8878733	20.94
139.5314724	20.98
139.4714437	20.98
140.0933217	21.03
136.6778973	21.05
147.5835656	21.11
139.3528135	21.13
140.6257933	21.2
137.9340071	21.27
152.9777221	21.33
149.3262707	21.35
159.7144084	21.38
140.6945686	21.41
143.5106627	21.45
146.4994658	21.5
144.6975271	21.61
145.0817692	21.7
161.8681603	21.74
153.1182603	21.72
148.1486618	21.69
152.6988115	21.68
157.5218261	21.81
160.0645165	22.02
169.1522337	22.24
166.9973396	22.5
151.3468538	22.73
179.1954466	22.8
178.6563324	22.63
153.1182603	22.46
143.8658923	22.44
148.6120398	22.42
174.2857928	22.42
186.9076557	22.37
159.0245589	22.32
148.8475437	22.29
150.441715	22.28
169.1522337	22.29
161.6837458	22.31
166.1647422	22.28
152.8379067	22.3
153.4015168	22.3

1.312	208.3	152.5604335	20.55	1.611	200.2	143.5106627
1.095	194.4	139.2942101	20.56	1.209	192.4	138.2203136
1.299	192.4	138.2203136	20.59	1.457	186	135.9838512
1.354	196.3	140.4897269	20.6	1.579	186.5	136.0950271
1.276	185	135.7930238	20.64	1.389	179.7	135.475212
1.267	198.4	142.0185516	20.67	1.448	187.7	136.4050401
1.312	191.2	137.6639493	20.71	1.283	184.3	135.6843278
1.3	189.4	136.949775	20.75	1.339	182.1	135.475212
1.16	198.9	142.4158267	20.78	1.598	190.7	137.4512019
1.045	203.5	146.7114396	20.82	1.268	198.2	141.8632814
1.119	194.9	139.5919783	20.89	1.201	188.9	136.7766005
1.517	204.6	147.9207527	20.92	1.854	192	138.0276292
1.202	200.4	143.6871825	20.9	1.325	193.3	138.6806025
1.344	202.8	145.9799608	20.94	1.394	194.5	139.3528135
1.358	191.9	137.9805921	20.96	1.508	186.7	136.1424529
1.262	207.7	151.7450728	21.01	1.703	197.5	141.3360215
1.588	206.1	149.6921424	21.02	1.78	194.5	139.3528135
1.263	202.4	145.5749597	21.09	1.411	195.3	139.8387928
1.536	199.9	143.249962	21.16	1.722	190.7	137.4512019
1.348	215.6	164.7466785	21.22	1.692	205.5	148.9662571
1.466	213.3	160.4181218	21.24	1.767	202	145.1792559
1.388	215.1	163.7633675	21.27	1.763	206.8	150.5689831
1.653	207.7	151.7450728	21.31	2.059	197.2	141.1176841
1.517	206	149.5695304	21.33	1.825	198	141.7100752
1.566	208	152.1495751	21.38	1.681	203.7	146.9258206
1.236	203.8	147.0339187	21.47	1.359	197.5	141.3360215
1.384	205.9	149.4475739	21.55	1.47	199.3	142.7430964
1.485	217.6	168.9319213	21.6	1.698	210.4	155.6208578
1.808	212.8	159.540656	21.57	2.084	204.2	147.4724086
1.696	212.7	159.3677662	21.54	2.043	203.7	146.9258206
1.437	213.6	160.955157	21.51	1.731	202.3	145.4751667
1.308	217.8	169.3736382	21.63	1.679	208.3	152.5604335
1.403	221.8	179.1954466	21.83	1.668	211.4	157.1969778
1.244	224.4	186.7249594	22.01	1.482	212.1	158.3483275
1.323	224.5	187.035022	22.21	1.623	216.7	166.9973396
1.341	212.2	158.5161218	22.38	1.507	208	152.1495751
1.61	227.4	194.7612235	22.44	2.017	217	167.6326681
1.696	227.2	195.4097096	22.27	2.076	216.1	165.7545685
1.699	217	167.6326681	22.13	2.126	206.1	149.6921424
1.452	208.7	153.1182603	22.09	1.667	199	142.4968525
1.576	211	156.5569873	22.09	2.013	205.3	148.729472
1.43	221.7	178.9252109	22.12	1.678	215.7	164.946271
1.639	231.6	182.5632711	22.11	2.077	223.5	184.0049395
1.516	219.1	172.3538995	22.1	1.669	210.8	156.2417902
1.852	210.6	155.9297559	22.08	2.106	204.5	147.8077356
1.475	212	158.1813694	22.06	1.727	205	148.379085
1.447	223.8	184.8977039	22.09	1.701	216.5	166.5789856
1.28	213	159.8890273	22.13	1.772	209.3	153.9768314
1.208	221.3	177.8577632	22.11	1.404	217.5	168.7126952
1.395	215.4	164.3504379	22.14	1.549	204.4	147.6953406
1.206	214.5	162.6150149	22.13	1.468	205	148.379085

20.59	1.72	210.5	155.7749165	150.622402	Yes
20.61	1.411	202.1	145.2773166	141.602931	Yes
20.62	1.601	196.5	140.6257933	138.7183368	Yes
20.64	1.674	195.5	139.9650888	140.3648386	Yes
20.69	1.657	193.5	138.7879636	135.9873103	Yes
20.71	1.605	198.3	141.9406579	140.0947014	Yes
20.76	1.649	196	140.2893212	136.5381319	Yes
20.79	1.62	193.7	138.8971847	135.8592309	Yes
20.81	1.629	202	145.1792559	141.6567222	Yes
20.87	1.4	205.8	149.3262707	144.5938168	Yes
20.91	1.497	199.8	143.1641434	137.7667048	Yes
20.93	1.974	203.2	146.3943767	142.4274466	Yes
20.91	1.517	205.5	148.9662571	141.0236447	Yes
20.95	1.67	204.8	148.1486618	142.8259821	Yes
20.97	1.825	198	141.7100752	137.4663655	Yes
21.01	1.824	210.8	156.2417902	151.7590031	Yes
21.01	2.092	205.5	148.9662571	145.0357105	Yes
21.08	1.631	207	150.8255466	143.5470519	Yes
21.15	2.021	200.8	144.0468045	140.6028585	Yes
21.21	1.853	215.1	163.7633675	155.8119113	Yes
21.22	2.053	212.6	159.1957351	154.1979522	Yes
21.26	1.881	215.8	165.1468514	160.2610246	Yes
21.29	2.233	206.3	149.9393426	146.5988081	Yes
21.32	2.197	207.9	152.0140384	148.6698239	Yes
21.38	1.999	215.2	163.9580918	148.8475685	Yes
21.47	1.731	208	152.1495751	144.8393377	Yes
21.55	1.833	210.4	155.6208578	145.329811	Yes
21.58	2.069	218.4	170.7253164	162.4494331	Yes
21.54	2.568	214.1	161.8681603	153.5270391	Yes
21.5	2.368	213.5	160.7752562	158.2746453	Yes
21.49	2.119	214.4	162.4269132	152.4886704	Yes
21.61	1.81	219.7	173.7955882	159.8801036	Yes
21.83	1.889	222.3	180.5672593	163.9993992	Yes
22.02	1.735	223.4	183.7103804	171.1239526	Yes
22.2	1.921	224	185.5005447	170.6783617	Yes
22.39	1.912	216.5	166.5789856	151.9219712	Yes
22.41	2.158	225.5	190.2254851	180.8908852	Yes
22.22	2.383	223.6	184.3010071	180.2105651	Yes
22.08	2.296	217.4	168.49455	161.3059942	Yes
22.05	2.086	212.5	159.0245589	146.5748333	Yes
22.03	2.407	212	158.1813694	153.9879973	Yes
22.08	2.045	223.4	183.7103804	172.6277936	Yes
22.06	2.279	230.5	185.5124012	185.6726015	Yes
22.05	2.087	220.2	175.0303206	166.6363649	Yes
22.02	2.642	213.1	160.0645165	150.9829722	Yes
22.01	2.066	215.1	163.7633675	156.9891737	Yes
22.03	2.111	223.2	183.1257514	175.1608247	Yes
22.07	1.996	216.6	166.7876462	158.8596579	Yes
22.06	1.755	227	195.3347893	176.929164	Yes
22.08	2.072	214.3	162.2397397	159.6089988	Yes
22.1	1.693	216.9	167.4198452	154.556878	Yes

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7/29/2019	8:37	22.6	0.392
7/29/2019	8:38	22.84	0.344
7/29/2019	8:39	23.15	0.284
7/29/2019	8:40	23.18	0.363
7/29/2019	8:41	23.16	0.377
7/29/2019	8:42	23.07	0.492
7/29/2019	8:43	23	0.528
7/29/2019	8:44	22.94	0.399
7/29/2019	8:45	22.92	0.26
7/29/2019	8:46	22.9	0.473
7/29/2019	8:47	22.84	0.432
7/29/2019	8:48	22.79	0.434
7/29/2019	8:49	22.75	0.371
7/29/2019	8:50	22.74	0.29
7/29/2019	8:51	22.81	0.413
7/29/2019	8:52	22.87	0.496
7/29/2019	8:53	22.91	0.385
7/29/2019	8:54	22.9	0.416
7/29/2019	8:55	22.89	0.436
7/29/2019	8:56	22.91	0.291
7/29/2019	8:57	22.94	0.344
7/29/2019	8:58	23.03	0.43
7/29/2019	8:59	23.08	0.418
7/29/2019	9:00	23.18	0.399
7/29/2019	9:01	23.19	0.466
7/29/2019	9:02	23.18	0.508
7/29/2019	9:03	23.19	0.38
7/29/2019	9:04	23.21	0.395
7/29/2019	9:05	23.32	0.43
7/29/2019	9:06	23.5	0.323
7/29/2019	9:07	23.66	0.314
7/29/2019	9:08	23.74	0.332
7/29/2019	9:09	23.81	0.406
7/29/2019	9:10	23.83	0.304
7/29/2019	9:11	23.84	0.414
7/29/2019	9:12	23.96	0.458
7/29/2019	9:13	24.03	0.497
7/29/2019	9:14	24.05	0.556
7/29/2019	9:15	24.14	0.448
7/29/2019	9:16	24.38	0.387
7/29/2019	9:17	24.52	0.407
7/29/2019	9:18	24.51	0.52
7/29/2019	9:19	24.42	0.386
7/29/2019	9:20	24.34	0.593
7/29/2019	9:21	24.26	0.453
7/29/2019	9:22	24.22	0.413
7/29/2019	9:23	24.25	0.518

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208.6	152.9777221	22.38
226.4	193.2425592	22.43
217.9	169.5961403	22.55
230.2	186.3453391	22.76
217.3	168.2774801	23.04
217.9	169.5961403	23.51
220.4	175.5328989	23.62
231.4	183.0874794	23.5
231.5	182.824721	23.29
218.5	170.9545255	23.15
204.6	147.9207527	23.07
221	177.0711342	23.04
213.3	160.4181218	23.04
209.4	154.1225109	22.98
209.6	154.4161117	22.92
241.2	162.6406568	22.88
218.7	171.416365	22.86
189.3	136.9142707	22.95
183.9	135.6313781	23.05
224	185.5005447	23.12
216.6	166.7876462	23.09
197	140.9746448	23.06
211.8	157.8499471	23.07
198.1	141.786421	23.13
210.7	156.0853794	23.26
197.4	141.262737	23.36
196.5	140.6257933	23.47
206.7	150.441715	23.51
205.2	148.6120398	23.46
217.2	168.0614801	23.44
217.6	168.9319213	23.46
217.1	167.8465446	23.6
215.4	164.3504379	23.84
216.3	166.1647422	24.09
201	144.2299319	24.2
205.9	149.4475739	24.24
208.4	152.6988115	24.23
209.7	154.5640391	24.19
200.1	143.4232201	24.29
199.3	142.7430964	24.38
201.1	144.3223303	24.38
213	159.8890273	24.43
226.2	192.5597384	24.71
219	172.1177686	24.88
215.9	165.3484246	24.83
212.6	159.1957351	24.64
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186.7	136.1424529	24.4
216	165.5509953	24.37
195.5	139.9650888	24.43

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0.899	208.8
0.554	228.3
0.715	225
1.056	215.6
0.885	212.5
0.987	210.3
0.807	226.3
0.88	226.7
1.01	216.2
0.948	210.5
0.718	212
0.545	214.6
0.881	212.1
0.979	210.1
0.875	216
0.8	237.1
0.636	203.2
0.695	185.6
0.795	176.2
1.015	230.8
1.004	230.3
0.891	193.4
0.385	201.1
0.575	199.2
0.737	202.7
0.835	201.3
0.611	192.5
1.021	200.4
1.014	202.2
0.834	211.6
0.926	214.1
1.05	201.4
1.007	213.6
0.971	196.3
0.83	193.2
1.086	193.7
0.994	210.1
1.282	202.2
1.137	198.7
1.091	194.8
1.389	195
1.368	206
1.25	206.3
1.353	211.2
1.326	205.4
1.266	203.4
1.598	190.8
1.401	194
1.202	195.1
1.321	188.1

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153.2595242	22.42
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194.2803784	23.39
165.9591491	23.23
155.7749165	23.13
158.1813694	23.08
162.8040494	23.11
158.3483275	23.11
155.1633342	23.06
165.5509953	23.03
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146.3943767	23.01
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135.9024875	23.21
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186.0662962	23.17
138.734051	23.14
144.3223303	23.17
142.6604859	23.23
145.8778326	23.36
144.5088047	23.4
138.2696225	23.52
143.6871825	23.51
145.3759529	23.46
157.5218261	23.45
161.8681603	23.46
144.6028841	23.59
160.955157	23.78
140.4897269	24
138.6276173	24.08
138.8971847	24.13
155.1633342	24.1
145.3759529	24.07
142.25535	24.19
139.5314724	24.25
139.6529623	24.22
149.5695304	24.27
149.9393426	24.53
156.8753741	24.62
148.8475437	24.55
146.6051528	24.42
137.4928614	24.35
139.0645196	24.27
139.7144254	24.25
136.5220169	24.32

1.091	208	152.1495751	22.23	1.474	201.5	144.6975271
1.195	213.7	161.1359522	22.25	1.585	206.9	150.6969261
0.849	227.4	194.7612235	22.31	0.948	219.6	173.55231
0.91	226.5	193.5866754	22.42	1.147	221.9	179.4670474
1.421	221.6	178.6563324	22.59	1.778	212	158.1813694
1.041	217.7	169.1522337	22.78	1.246	210.9	156.3989918
1.009	214.1	161.8681603	23.14	1.408	206.5	150.1891937
1.027	227.8	193.4841124	23.17	1.361	224.7	187.6599662
1.218	228.7	190.7045403	23.08	1.428	224.2	186.1096044
1.337	222	179.7400211	22.95	1.617	216.3	166.1647422
1.277	213.4	160.5962459	22.87	1.542	209.7	154.5640391
0.926	215.3	164.1537804	22.83	1.206	209.8	154.712722
0.704	218.2	170.2702897	22.87	0.997	209.1	153.6876994
1.29	217.6	168.9319213	22.9	1.592	213.2	160.24088
1.209	215	163.5696028	22.86	1.623	209	153.5442409
1.135	217.1	167.8465446	22.84	1.398	213	159.8890273
1.072	241.7	161.8412498	22.82	1.335	233.7	177.3628294
0.632	203.1	146.2898835	22.86	0.866	202	145.1792559
0.742	187.7	136.4050401	22.97	0.944	184.9	135.7762441
0.923	183.3	135.564413	23.05	1.196	177.6	135.6704665
1.298	233.8	177.1284437	23.07	1.651	226.7	194.2803784
1.415	233.1	178.7937782	23.02	1.648	227.9	193.1689136
1.121	199.9	143.249962	22.99	1.342	194.7	139.4714437
0.582	209.8	154.712722	23	0.651	203.5	146.7114396
0.717	202.1	145.2773166	23.03	0.809	202.7	145.8778326
0.844	212	158.1813694	23.16	0.985	206.1	149.6921424
0.957	206.5	150.1891937	23.2	1.208	199.7	143.0788632
0.734	203.4	146.6051528	23.31	0.811	196.1	140.355632
1.11	213.3	160.4181218	23.29	1.574	202.3	145.4751667
1.181	212.6	159.1957351	23.23	1.495	201.4	144.6028841
1.024	220.1	174.7809062	23.22	1.194	214.4	162.4269132
1.092	219.9	174.2857928	23.24	1.331	210.9	156.3989918
1.027	213.2	160.24088	23.36	1.495	201.5	144.6975271
0.917	225.6	190.5537426	23.52	1.135	216.3	166.1647422
0.874	207.8	151.8792052	23.71	1.004	197.5	141.3360215
0.763	202.5	145.6753339	23.78	0.971	195.7	140.0933217
0.994	201.7	144.8885107	23.82	1.216	197.5	141.3360215
0.932	221.6	178.6563324	23.79	1.274	213	159.8890273
1.141	211.3	157.0357721	23.75	1.593	201.7	144.8885107
1.101	206.4	150.0639356	23.86	1.48	198.7	142.25535
1.177	207.1	150.9548471	23.92	1.418	196.8	140.8336095
1.578	207.3	151.2154981	23.88	1.874	197.8	141.5589225
1.374	211.7	157.6854758	23.92	1.911	205.2	148.6120398
1.33	212.2	158.5161218	24.17	1.84	206.2	149.8154124
1.503	221	177.0711342	24.23	1.942	213.1	160.0645165
1.442	214.1	161.8681603	24.13	1.899	204.1	147.3618674
1.344	212.7	159.3677662	24.03	1.799	204.7	148.034394
1.738	200.7	143.9560723	23.98	2.204	191.5	137.796957
1.51	202.3	145.4751667	23.92	1.976	193	138.5230334
1.293	206.6	150.3151193	23.92	1.664	200.1	143.4232201
1.312	197	140.9746448	24.01	1.831	188.3	136.5830783

22.2	1.787	211.7	157.6854758	147.4382196	Yes
22.2	1.833	219.1	172.3538995	154.5175311	Yes
22.26	1.25	227.9	193.1689136	188.370058	Yes
22.37	1.429	229.3	188.9210494	182.814861	Yes
22.52	2.026	220.5	175.7860767	171.9824299	Yes
22.7	1.556	217.5	168.7126952	163.2133161	Yes
23.07	1.706	217.2	168.0614801	159.2802677	Yes
23.08	1.564	231.7	182.3031224	187.3943071	Yes
22.99	1.695	234.2	176.202409	188.5455006	Yes
22.87	1.96	226	191.884056	173.6721583	Yes
22.8	1.88	219.2	172.5912057	160.4724317	Yes
22.79	1.46	220.8	176.5532489	156.2421561	Yes
22.84	1.195	219.6	173.55231	165.9582931	Yes
22.86	2.005	221.5	178.3888034	161.9848126	Yes
22.83	1.896	219	172.1177686	156.5999222	Yes
22.8	1.798	222.9	182.2598979	161.9256697	Yes
22.79	1.546	239.1	166.2266321	167.9634224	Yes
22.85	0.965	210.4	155.6208578	152.3199703	Yes
22.97	1.031	194.9	139.5919783	136.2495106	Yes
23.06	1.47	190.1	137.21054	135.6921863	Yes
23.06	1.992	233.2	178.5523232	185.400321	Yes
22.99	2.16	231.5	182.824721	181.2041586	Yes
22.95	1.67	200.1	143.4232201	140.6075253	Yes
22.98	0.87	214	161.6837458	150.8991098	Yes
23.04	1.134	206.5	150.1891937	143.900514	Yes
23.16	1.17	208.1	152.2858181	152.4591809	Yes
23.17	1.466	207.6	151.6116385	144.7598997	Yes
23.3	1.121	201.6	144.7927354	141.4640501	Yes
23.26	1.728	209.5	154.2689366	150.0055465	Yes
23.2	1.849	210.2	155.3150699	149.446653	Yes
23.2	1.42	220.2	175.0303206	165.6977814	Yes
23.21	1.543	219.5	173.3102392	165.3712165	Yes
23.32	1.614	212.8	159.540656	154.3469589	Yes
23.5	1.287	223.1	182.8356637	170.5060199	Yes
23.72	1.229	204.2	147.4724086	149.9674239	Yes
23.8	1.189	198.9	142.4158267	142.1565512	Yes
23.84	1.47	202.4	145.5749597	143.6423227	Yes
23.79	1.392	218.9	171.8828066	161.6018763	Yes
23.72	1.781	209.6	154.4161117	150.4660687	Yes
23.81	1.729	205.3	148.729472	144.4994639	Yes
23.88	1.825	205.3	148.729472	143.5157564	Yes
23.81	2.327	208.3	152.5604335	144.1874283	Yes
23.85	2.14	210.9	156.3989918	153.9390183	Yes
24.09	2.065	211.7	157.6854758	162.7076538	Yes
24.15	2.325	221	177.0711342	166.5321983	Yes
24.07	2.173	211.6	157.5218261	155.856499	Yes
23.96	2.122	210.9	156.3989918	153.300762	Yes
23.91	2.59	199.6	142.9941199	140.8459953	Yes
23.85	2.41	202	145.1792559	139.8012931	Yes
23.85	1.935	203.3	146.4994658	149.75094	Yes
23.97	2.045	194.3	139.23608	138.5112072	Yes

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7/29/2019	9:25	24.39	0.534
7/29/2019	9:26	24.48	0.429
7/29/2019	9:27	24.51	0.374
7/29/2019	9:28	24.61	0.499
7/29/2019	9:29	24.66	0.525
7/29/2019	9:30	24.69	0.47
7/29/2019	9:31	24.79	0.573
7/29/2019	9:32	24.88	0.515
7/29/2019	9:33	24.99	0.633
7/29/2019	9:34	24.98	0.51
7/29/2019	9:35	24.99	0.46
7/29/2019	9:36	25	0.42
7/29/2019	9:37	25.05	0.45
7/29/2019	9:38	25.24	0.685
7/29/2019	9:39	25.32	0.682
7/29/2019	9:40	25.23	0.417
7/29/2019	9:41	25.11	0.398
7/29/2019	9:42	24.98	0.412
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7/29/2019	9:47	25.34	0.377
7/29/2019	9:48	25.43	0.442
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7/29/2019	9:51	25.41	0.33
7/29/2019	9:52	25.29	0.436
7/29/2019	9:53	25.25	0.342
7/29/2019	9:54	25.12	0.417
7/29/2019	9:55	24.91	0.453
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7/29/2019	9:57	24.66	0.568
7/29/2019	9:58	24.57	0.495
7/29/2019	9:59	24.43	0.44
7/29/2019	10:00	24.37	0.418
7/29/2019	10:01	24.34	0.542
7/29/2019	10:02	24.28	0.591
7/29/2019	10:03	24.19	0.478
7/29/2019	10:04	24.09	0.414
7/29/2019	10:05	24.03	0.513
7/29/2019	10:06	24	0.477
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7/29/2019	10:11	24.14	0.426
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7/29/2019	10:14	24.27	0.423

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222.3	180.5672593	24.77
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202.8	145.9799608	24.97
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208	152.1495751	25.39
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187.3	136.2949008	25.82
199.9	143.249962	25.95
212.9	159.7144084	25.84
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215.9	165.3484246	25.43
210.3	155.4675767	25.52
216.3	166.1647422	25.58
223.3	183.4173207	25.68
209.6	154.4161117	25.69
219.6	173.55231	25.87
219.4	173.0693692	25.99
236.5	171.2186266	26.03
224.1	185.8042924	26.05
216.3	166.1647422	25.86
206.8	150.5689831	25.67
227.4	194.7612235	25.6
221.5	178.3888034	25.44
215.9	165.3484246	25.17
233.3	178.312062	24.99
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218.9	171.8828066	24.78
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214	161.6837458	24.48
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214.2	162.0534901	24.39
215	163.5696028	24.43
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208.3	152.5604335	24.56

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1.263	200.9
1.542	183.8
1.581	186.9
1.368	195.9
1.713	193.8
1.754	194.4
1.765	198.9
1.62	196.7
1.467	208.6
1.504	208.3
1.166	192.4
1.169	181.8
1.695	183.7
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1.359	212.9
1.316	205.8
1.242	208.1
1.366	210.9
1.246	220.7
1.404	200.8
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1.114	229
1.205	211.9
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1.054	214.5
1.093	214.4
1.336	212.8
1.156	223.1
1.32	206.6
1.463	214.9
1.322	209.1
1.211	214.8
1.271	206.6
1.436	210.3
1.418	214.4
1.284	213.8
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1.15	204.7
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0.903	205.7
1.063	209.6
1.08	205.7
1.267	207.2
1.374	193.9
1.62	197.4
1.258	206.5

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136.1915717	24.75
140.2234999	24.76
138.952495	24.87
139.2942101	24.9
142.4158267	24.98
140.7638403	24.95
152.9777221	24.96
152.5604335	24.96
138.2203136	25.01
135.4622116	25.25
135.6073966	25.3
149.0856146	25.16
159.7144084	25.05
149.3262707	24.88
152.2858181	25
156.3989918	25.05
176.2962446	25.14
144.0468045	25.13
159.3677662	25.3
163.3767931	25.39
180.8458047	25.42
189.8060036	25.44
158.0152438	25.24
160.4181218	25.12
162.6150149	25.09
162.4269132	24.92
159.540656	24.7
182.8356637	24.58
150.3151193	24.5
163.3767931	24.4
153.6876994	24.26
163.184934	24.24
150.3151193	24.26
155.4675767	24.18
162.4269132	24.1
161.3176459	24.02
147.4724086	23.96
148.034394	23.93
143.249962	24
149.2056183	24.07
154.4161117	24.09
149.2056183	24.13
151.0848301	24.17
139.008273	24.22
141.262737	24.24
150.1891937	24.28

1.938	190.5	137.3692134	24.14	2.287	183.5	135.5850754
1.612	195.3	139.8387928	24.19	2.113	188.6	136.6778973
1.473	218.5	170.9545255	24.28	2.083	210.9	156.3989918
1.406	209.1	153.6876994	24.27	1.779	203.7	146.9258206
1.807	192.6	138.3193881	24.39	2.24	183.4	135.5745369
1.895	191.9	137.9805921	24.41	2.428	185.8	135.9423289
1.462	198.9	142.4158267	24.43	2.072	195.9	140.2234999
1.719	197	140.9746448	24.54	2.481	189.9	137.1338452
1.948	201.7	144.8885107	24.53	2.574	194.8	139.5314724
1.993	206	149.5695304	24.57	2.565	199.1	142.5784051
1.735	206.7	150.441715	24.54	2.346	197.7	141.484113
1.647	218.7	171.416365	24.55	2.225	211.2	156.8753741
1.635	216.5	166.5789856	24.55	2.288	208.8	153.2595242
1.314	201	144.2299319	24.58	1.677	193.8	138.952495
1.606	187.8	136.4336422	24.8	1.777	182.4	135.4919297
1.773	193.1	138.5750946	24.81	2.374	185	135.7930238
1.33	217.8	169.3736382	24.62	1.875	207.7	151.7450728
1.483	225.2	189.2509084	24.55	1.984	213.9	161.5002424
1.671	216.3	166.1647422	24.39	1.895	211.8	157.8499471
1.499	218.2	170.2702897	24.54	1.966	210.9	156.3989918
1.571	221.4	178.1226162	24.6	2.093	215.8	165.1468514
1.515	230.7	184.9640411	24.67	2.051	223	182.5470487
1.525	210.1	155.1633342	24.62	2.078	201.7	144.8885107
1.246	217.8	169.3736382	24.78	1.606	211.6	157.5218261
1.476	223.4	183.7103804	24.89	1.7	220.2	175.0303206
1.299	231.5	182.824721	24.91	1.863	225.9	191.5488631
1.322	238.9	166.5881931	24.95	1.72	232.9	179.2802945
1.319	224.5	187.035022	24.75	1.63	218.7	171.416365
1.246	223.5	184.0049395	24.68	1.63	217.6	168.9319213
1.126	225.9	191.5488631	24.7	1.535	219.5	173.3102392
1.47	223.7	184.5985921	24.53	1.739	218.5	170.9545255
1.502	221.9	179.4670474	24.34	1.896	214.6	162.8040494
1.309	231.4	183.0874794	24.25	1.779	224.8	187.9748679
1.551	215.2	163.9580918	24.2	1.92	205.7	149.2056183
1.784	227.5	194.4394783	24.11	2.339	220.2	175.0303206
1.404	221.3	177.8577632	23.99	1.746	213.2	160.24088
1.362	225.1	188.9294126	24	1.721	218.5	170.9545255
1.424	211.5	157.3589946	24.03	1.807	207	150.8255466
1.683	223.5	184.0049395	23.97	2.134	215.8	165.1468514
1.768	226.4	193.2425592	23.89	2.115	219	172.1177686
1.509	224.4	186.7249594	23.83	1.865	219.1	172.3538995
1.618	213.1	160.0645165	23.78	2.272	207.1	150.9548471
1.41	216.1	165.7545685	23.74	1.739	208.7	153.1182603
1.222	207.5	151.4788997	23.81	1.543	200.6	143.8658923
1.261	216.2	165.9591491	23.89	1.343	211.5	157.3589946
1.271	218.2	170.2702897	23.9	1.625	213.6	160.955157
1.272	213.9	161.5002424	23.94	1.618	207.2	151.0848301
1.31	218.3	170.4972397	23.96	1.811	209.8	154.712722
1.34	201.3	144.5088047	24	1.868	193.3	138.6806025
1.682	205.5	148.9662571	24.02	2.328	196.4	140.557513
1.331	213.4	160.5962459	24.05	1.706	207.1	150.9548471

24.11	2.744	190.3	137.2889944	136.1731925	Yes
24.16	2.568	192.8	138.4202926	138.0207902	Yes
24.24	2.301	215.4	164.3504379	166.3199428	Yes
24.21	2.05	207.1	150.9548471	148.4593063	Yes
24.34	2.591	191.8	137.9340071	138.5054774	Yes
24.36	2.882	191.9	137.9805921	137.5198954	Yes
24.36	2.41	200.6	143.8658923	142.2106968	Yes
24.47	2.694	196.5	140.6257933	139.673807	Yes
24.46	3.022	200.6	143.8658923	144.6816399	Yes
24.5	3.059	207	150.8255466	146.6783343	Yes
24.5	2.647	204.6	147.9207527	145.7197155	Yes
24.51	2.522	218.9	171.8828066	161.7560074	Yes
24.48	2.639	216.3	166.1647422	165.0147274	Yes
24.5	1.968	200	143.3363204	141.2947509	Yes
24.78	2.286	188.5	136.6458601	135.9206711	Yes
24.78	2.785	196.6	140.6945686	138.3063692	Yes
24.61	1.99	212.7	159.3677662	157.4796835	Yes
24.5	2.412	219.3	172.8296935	169.2611362	Yes
24.34	2.326	218.5	170.9545255	159.6723461	Yes
24.5	2.281	217.6	168.9319213	158.605669	Yes
24.54	2.413	219.8	174.0400802	166.4583004	Yes
24.58	2.374	229.6	188.0494405	181.8061638	Yes
24.49	2.356	210.8	156.2417902	149.6286903	Yes
24.67	1.786	217.4	168.49455	164.9538851	Yes
24.73	1.986	225.9	191.5488631	173.7967158	Yes
24.76	2.132	230.4	185.7886529	181.6095039	Yes
24.78	1.893	239.7	165.1633188	180.3696959	Yes
24.58	1.945	225	188.6095808	170.6578432	Yes
24.54	1.761	223.9	185.1983516	165.9809914	Yes
24.57	1.687	223	182.5470487	180.5588352	Yes
24.38	2.143	224.9	188.2914027	174.0922085	Yes
24.2	2.344	219.3	172.8296935	166.7900443	Yes
24.1	2.121	225.2	189.2509084	183.0525182	Yes
24.08	2.249	214.1	161.8681603	153.5439389	Yes
23.99	2.592	227	195.3347893	176.1823497	Yes
23.89	2.213	219.2	172.5912057	163.3216463	Yes
23.89	2.126	225.3	189.5740787	174.5247982	Yes
23.92	2.209	212.1	158.3483275	155.5173158	Yes
23.85	2.538	221.8	179.1954466	166.5757784	Yes
23.79	2.716	225.7	190.8837175	180.429963	Yes
23.72	2.296	225.4	189.898934	178.9515536	Yes
23.67	2.658	214.8	163.184934	154.9069311	Yes
23.65	2.088	216.2	165.9591491	155.4798973	Yes
23.73	1.892	206.6	150.3151193	146.0927612	Yes
23.8	1.698	215.5	164.548069	155.4023442	Yes
23.8	1.849	218	169.8197457	160.8728764	Yes
23.84	1.805	213.5	160.7752562	155.9610452	Yes
23.84	2.117	217	167.6326681	159.9660986	Yes
23.9	2.095	197.3	141.1899582	141.1332516	Yes
23.92	2.584	203.1	146.2898835	145.3708583	Yes
23.95	1.928	211.4	157.1969778	153.57518	Yes

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7/29/2019	10:16	24.28	0.496
7/29/2019	10:17	24.28	0.384
7/29/2019	10:18	24.28	0.597
7/29/2019	10:19	24.36	0.588
7/29/2019	10:20	24.4	0.7
7/29/2019	10:21	24.43	0.645
7/29/2019	10:22	24.44	0.72
7/29/2019	10:23	24.49	0.641
7/29/2019	10:24	24.5	0.598
7/29/2019	10:25	24.57	0.528
7/29/2019	10:26	24.6	0.611
7/29/2019	10:27	24.62	0.499
7/29/2019	10:28	24.63	0.635
7/29/2019	10:29	24.64	0.557
7/29/2019	10:30	24.61	0.46
7/29/2019	10:31	24.61	0.628
7/29/2019	10:32	24.64	0.662
7/29/2019	10:33	24.65	0.573
7/29/2019	10:34	24.66	0.644
7/29/2019	10:35	24.71	0.544
7/29/2019	10:36	24.72	0.393
7/29/2019	10:37	24.77	0.723
7/29/2019	10:38	24.75	0.489
7/29/2019	10:39	24.7	0.527
7/29/2019	10:40	24.75	0.623
7/29/2019	10:41	24.78	0.639
7/29/2019	10:42	24.8	0.458
7/29/2019	10:43	24.85	0.483
7/29/2019	10:44	24.88	0.644
7/29/2019	10:45	24.89	0.394
7/29/2019	10:46	24.9	0.636
7/29/2019	10:47	24.89	0.668
7/29/2019	10:48	24.86	0.653
7/29/2019	10:49	24.83	0.508
7/29/2019	10:50	24.82	0.587
7/29/2019	10:51	24.81	0.556
7/29/2019	10:52	24.79	0.565
7/29/2019	10:53	24.8	0.462
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7/29/2019	10:59	24.87	0.528
7/29/2019	11:00	24.84	0.472
7/29/2019	11:01	24.82	0.44
7/29/2019	11:02	24.77	0.485
7/29/2019	11:03	24.74	0.489
7/29/2019	11:04	24.76	0.518
7/29/2019	11:05	24.76	0.696

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191.8	137.9340071	24.72
191.6	137.8421902	24.76
184.6	135.7284098	24.83
177	135.759882	24.9
174.3	136.3491176	25.01
183.1	135.5454083	25.07
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191	137.577514	25.04
196.7	140.7638403	25.03
215.7	164.946271	24.95
175.9	135.9628798	24.9
194.5	139.3528135	24.96
194.3	139.23608	24.97
195.3	139.8387928	24.98
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212.8	159.540656	25.05
199	142.4968525	25.12
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198.1	141.786421	25.18
187.7	136.4050401	25.23
201.9	145.0817692	25.23
188.8	136.743267	25.26
187.5	136.3491176	25.25
188.1	136.5220169	25.24
207.6	151.6116385	25.21
184.9	135.7762441	25.19
197.4	141.262737	25.19
187.3	136.2949008	25.14
182.8	135.5200067	25.17
204.8	148.1486618	25.17
207.5	151.4788997	25.19
187.7	136.4050401	25.22
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215.7	164.946271	25.22
208.1	152.2858181	25.21
224.1	185.8042924	25.14
202.6	145.7762909	25.11
217.9	169.5961403	25.05
208.4	152.6988115	24.99
199.2	142.6604859	25.03
198.2	141.8632814	25.05

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1.493	183.6
1.395	187.3
1.361	175.2
1.324	176.2
1.595	183.2
1.36	200.5
1.461	190.9
1.406	192
1.381	210.3
1.456	178.7
1.689	183.4
1.597	185.9
1.417	188.9
1.243	200
1.168	197.6
1.637	192.1
1.413	213.7
1.302	207.6
1.386	185.8
1.494	179.8
1.12	198
1.193	192.7
1.507	181
1.069	199
1.262	179.7
1.485	181
1.265	183.4
1.231	201
1.322	178
1.456	192.4
1.423	182.3
1.174	181.6
1.177	189.8
1.141	193.6
1.026	190.9
1.092	210.7
0.962	202.6
1.202	198.1
1.028	219.2
1.189	197.2
1.347	210.5
1.242	198.7
1.233	184.8
1.621	195.7

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136.1668004	24.3
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136.2949008	24.44
136.1185285	24.48
135.9024875	24.58
135.5547035	24.63
143.7762629	24.61
137.5349652	24.59
138.0276292	24.58
155.4675767	24.52
135.5454083	24.51
135.5745369	24.56
135.9628798	24.56
136.7766005	24.56
143.3363204	24.63
141.4098131	24.65
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138.3696112	24.82
135.4457063	24.85
142.4968525	24.84
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135.6191797	24.8
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137.0961561	24.79
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172.5912057	24.83
141.1176841	24.82
155.7749165	24.77
142.25535	24.72
135.759882	24.76
140.0933217	24.77

1.405	214.3	162.2397397	24.04	1.904	206.2	149.8154124
1.473	216.6	166.7876462	23.96	1.888	207.2	151.0848301
1.752	211.5	157.3589946	23.94	2.382	204	147.2519401
1.584	197.8	141.5589225	23.94	1.857	190.8	137.4928614
1.695	193.8	138.952495	24.04	2.2	187.5	136.3491176
1.725	201.4	144.6028841	24.05	2.281	192.5	138.2696225
1.602	192.8	138.4202926	24.05	1.806	185.2	135.8278372
1.781	189.5	136.9857152	24.08	2.027	184.3	135.6843278
1.731	190.5	137.3692134	24.14	1.998	187.1	136.2423866
1.598	180.2	135.4556091	24.19	1.895	176.7	135.8102214
1.476	181.8	135.4622116	24.29	1.791	176.8	135.7930238
1.771	186.2	136.0270567	24.33	2.186	179.8	135.4704656
1.381	206.7	150.441715	24.32	1.815	201	144.2299319
1.607	198.4	142.0185516	24.29	2.026	192.3	138.1714606
1.445	198.6	142.1758963	24.27	1.866	191.5	137.796957
1.542	216.5	166.5789856	24.23	2.034	211.2	156.8753741
1.61	182.6	135.5051412	24.26	2.001	176.9	135.7762441
1.871	192.6	138.3193881	24.29	2.45	182.7	135.5123672
1.833	195.2	139.7763685	24.28	2.252	187.2	136.2684311
1.682	197.6	141.4098131	24.28	1.982	189	136.810367
1.447	210.1	155.1633342	24.37	1.739	203.1	146.2898835
1.26	203.4	146.6051528	24.39	1.63	197.6	141.4098131
1.909	197.8	141.5589225	24.48	2.288	190.9	137.5349652
1.593	223.1	182.8356637	24.42	2.03	217.2	168.0614801
1.46	216.8	167.2080708	24.4	1.89	210.5	155.7749165
1.614	191	137.577514	24.48	1.874	185.1	135.8102214
1.664	185.5	135.8831963	24.49	2.158	179.6	135.4803714
1.384	203.3	146.4994658	24.52	1.615	198.3	141.9406579
1.32	200.5	143.7762629	24.58	1.678	191.1	137.6205085
1.632	190.6	137.4099861	24.61	1.913	181.8	135.4622116
1.123	202.6	145.7762909	24.56	1.42	197.7	141.484113
1.441	187.3	136.2949008	24.6	1.668	182	135.4704656
1.672	187.3	136.2949008	24.59	1.99	180.6	135.4473567
1.519	192.7	138.3696112	24.57	1.693	186.1	136.0052434
1.266	207	150.8255466	24.54	1.549	201.6	144.7927354
1.452	184	135.6439919	24.56	1.711	181.3	135.4488008
1.446	200.9	144.1380905	24.54	1.929	189.3	136.9142707
1.557	187.3	136.2949008	24.51	1.909	183.5	135.5850754
1.216	185.4	135.8643244	24.54	1.586	180.8	135.4457063
1.161	195	139.6529623	24.55	1.566	188.3	136.5830783
1.208	201.9	145.0817692	24.58	1.397	192.4	138.2203136
1.236	195.8	140.1581671	24.64	1.366	191.8	137.9340071
1.244	217.8	169.3736382	24.67	1.564	211.7	157.6854758
1.142	210.2	155.3150699	24.67	1.372	205.1	148.4952449
1.44	209.2	153.8318952	24.67	1.72	202.2	145.3759529
1.249	223.4	183.7103804	24.62	1.518	218.8	171.6490075
1.278	206.7	150.441715	24.62	1.595	200	143.3363204
1.402	219.4	173.0693692	24.59	1.86	212.6	159.1957351
1.459	208.2	152.4227699	24.54	1.729	202.3	145.4751667
1.379	193	138.5230334	24.56	1.639	184.2	135.6704665
1.717	200.6	143.8658923	24.57	2.219	198.1	141.786421

23.92	2.321	214.1	161.8681603	153.5760531	Yes
23.85	2.24	213.3	160.4181218	155.1355938	Yes
23.83	2.763	210.6	155.9297559	153.5176013	Yes
23.84	2.4	195.1	139.7144254	139.5051731	Yes
23.95	2.591	194	139.0645196	137.1505646	Yes
23.93	2.642	200.9	144.1380905	141.2486076	Yes
23.96	2.313	192.5	138.2696225	137.0311164	Yes
23.99	2.563	190.8	137.4928614	136.5270654	Yes
24.04	2.561	191.2	137.6639493	136.4087277	Yes
24.08	2.359	183.9	135.6313781	135.7860603	Yes
24.21	2.324	184.6	135.7284098	135.8767101	Yes
24.24	2.666	187.5	136.3491176	135.6494085	Yes
24.22	2.096	205.9	149.4475739	147.4817024	Yes
24.18	2.522	198.2	141.8632814	138.8256228	Yes
24.16	2.225	197	140.9746448	139.6910807	Yes
24.13	2.264	213.5	160.7752562	160.9670519	Yes
24.17	2.464	184.5	135.7132992	135.6974184	Yes
24.19	2.654	191	137.577514	137.1897764	Yes
24.19	2.697	196.1	140.355632	137.8109399	Yes
24.21	2.376	197	140.9746448	138.7088934	Yes
24.28	2.151	209.3	153.9768314	149.5477637	Yes
24.32	1.917	202	145.1792559	147.2413588	Yes
24.39	2.681	200.8	144.0468045	139.9164648	Yes
24.31	2.384	222.4	180.8458047	175.4830075	Yes
24.31	2.064	214	161.6837458	157.6700013	Yes
24.4	2.328	190	137.171973	136.6159774	Yes
24.4	2.577	188.6	136.6778973	135.6406108	Yes
24.44	2.103	202.7	145.8778326	143.5950327	Yes
24.49	1.983	196.5	140.6257933	140.3882009	Yes
24.51	2.423	190.2	137.249547	136.180736	Yes
24.45	1.631	201.5	144.6975271	143.7097564	Yes
24.51	2.039	186.5	136.0950271	135.9959613	Yes
24.48	2.459	188.2	136.5523328	135.8842703	Yes
24.48	2.219	194.7	139.4714437	136.6178521	Yes
24.45	1.649	205.6	149.0856146	147.8649631	Yes
24.48	2.157	188.2	136.5523328	135.6220541	Yes
24.47	2.171	195.8	140.1581671	140.1338529	Yes
24.43	2.334	190.5	137.3692134	135.9152052	Yes
24.46	1.72	189.7	137.0589052	135.5714116	Yes
24.48	1.771	193.5	138.7879636	140.3702146	Yes
24.52	1.705	200.1	143.4232201	143.405831	Yes
24.59	1.699	196.5	140.6257933	138.0080449	Yes
24.61	1.669	214.3	162.2397397	159.5016642	Yes
24.61	1.65	210.2	155.3150699	153.6332192	Yes
24.6	1.982	208.8	153.2595242	148.3200218	Yes
24.56	1.775	220.4	175.5328989	178.4387215	Yes
24.56	1.84	206.1	149.6921424	145.1680026	Yes
24.52	2.008	216.7	166.9973396	164.4090402	Yes
24.47	2.022	207.5	151.4788997	148.2130245	Yes
24.5	1.982	193.2	138.6276173	138.153467	Yes
24.52	2.507	204.4	147.6953406	141.9022291	Yes

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7/29/2019	11:22	24.82	0.491
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7/29/2019	11:24	24.74	0.36
7/29/2019	11:25	24.71	0.509
7/29/2019	11:26	24.69	0.403
7/29/2019	11:27	24.72	0.442
7/29/2019	11:28	24.76	0.418
7/29/2019	11:29	24.83	0.372
7/29/2019	11:30	24.91	0.48
7/29/2019	11:31	24.97	0.513
7/29/2019	11:32	25.04	0.576
7/29/2019	11:33	25.14	0.43
7/29/2019	11:34	25.26	0.561
7/29/2019	11:35	25.38	0.748
7/29/2019	11:36	25.45	0.738
7/29/2019	11:37	25.65	0.511
7/29/2019	11:38	26.07	0.65
7/29/2019	11:39	26.12	0.701
7/29/2019	11:40	26.11	0.737
7/29/2019	11:41	26.09	0.747
7/29/2019	11:42	26.01	0.8
7/29/2019	11:43	25.95	0.677
7/29/2019	11:44	25.86	0.714
7/29/2019	11:45	25.74	0.622
7/29/2019	11:46	25.72	0.604
7/29/2019	11:47	25.76	0.527
7/29/2019	11:48	25.88	0.487
7/29/2019	11:49	26.04	0.647
7/29/2019	11:50	26.13	0.558
7/29/2019	11:51	26.13	0.703
7/29/2019	11:52	26.09	0.753
7/29/2019	11:53	26.06	0.647
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7/29/2019	11:55	26.05	0.545
7/29/2019	11:56	26.05	0.412

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213.8	161.3176459	24.75
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225.7	190.8837175	24.76
219.7	173.7955882	24.76
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206.7	150.441715	24.97
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230.5	185.5124012	24.96
242	161.3712442	25.04
249.5	151.7361232	25.13
237.6	169.0279442	25.17
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223.2	183.1257514	25.34
235.1	174.1845669	25.48
246.3	155.3774631	25.6
251.1	150.1516501	25.61
244.7	157.451638	25.79
233	179.0364331	26.31
241.5	162.1585863	26.33
208.6	152.9777221	26.27
207	150.8255466	26.27
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243	159.8555038	26.1
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237.6	169.0279442	25.81
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252.6	148.8003043	25.84
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224	185.5005447	26.19
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235.8	172.6759748	26.18
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236.7	170.8114111	26.12

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1.309	205.9
1.214	196.8
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1.225	217.6
0.903	226
1.178	233.2
0.846	217.8
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1.289	230.3
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1.709	238.3
1.197	235.8
1.556	227.7
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1.709	200.6
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1.788	200.9
1.525	235.6
1.753	238
1.568	227.9
1.426	222.4
1.295	244.9
1.276	243.8
1.244	215.2
1.238	224.4
1.499	210.8
1.732	214.5
1.536	228.3
1.561	232.8
1.328	242.2
1.005	240.9

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162.0534901	24.68
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149.4475739	24.57
140.8336095	24.61
166.1647422	24.61
180.290119	24.59
148.9662571	24.59
153.6876994	24.63
152.0140384	24.65
147.5835656	24.71
141.8632814	24.76
155.6208578	24.82
169.5961403	24.91
164.1537804	24.87
168.9319213	24.82
191.884056	24.75
178.5523232	24.71
169.3736382	24.69
152.2858181	24.74
173.0693692	24.78
195.4097096	24.87
163.1300876	24.95
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194.7612235	25.24
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167.6946976	25.36
172.6759748	25.56
193.8009328	26.05
188.6290418	25.99
143.8658923	25.9
145.9799608	25.82
144.1380905	25.69
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168.2604307	25.61
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158.6977847	25.71
163.9580918	25.88
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179.5253688	25.81
161.0618684	25.83
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1.371	212	158.1813694	24.54	1.593	209.4	154.1225109
1.737	219.4	173.0693692	24.5	2.165	214.5	162.6150149
1.642	215.2	163.9580918	24.46	1.867	208.1	152.2858181
1.582	213	159.8890273	24.46	1.745	209.1	153.6876994
1.602	206.5	150.1891937	24.49	1.649	200.9	144.1380905
1.617	222.4	180.8458047	24.49	1.861	217.4	168.49455
1.589	230.2	186.3453391	24.48	1.877	226.3	192.9002508
1.429	213.7	161.1359522	24.5	1.536	208.1	152.2858181
1.713	216.1	165.7545685	24.54	1.993	212.8	159.540656
1.396	216.4	166.3713526	24.55	1.739	211.9	158.0152438
1.393	212	158.1813694	24.61	1.561	204.8	148.1486618
1.503	207.6	151.6116385	24.64	1.82	199.3	142.7430964
1.04	214	161.6837458	24.7	1.354	208.8	153.2595242
1.062	219.2	172.5912057	24.78	1.346	215.5	164.548069
1.279	221.2	177.5942369	24.75	1.644	216.6	166.7876462
1.424	225.7	190.8837175	24.7	1.787	219.6	173.55231
1.172	233.9	176.8952147	24.65	1.434	229.4	188.6290418
1.458	236.8	170.6093072	24.62	1.84	232.9	179.2802945
1.105	224	185.5005447	24.61	1.301	218.3	170.4972397
1.337	217.8	169.3736382	24.66	1.589	209.8	154.712722
1.096	223.8	184.8977039	24.68	1.32	220.6	176.0405229
1.024	227.8	193.4841124	24.76	1.218	221.8	179.1954466
1.318	245.2	156.7843776	24.85	1.514	240.7	163.4605101
1.564	236.3	171.6298847	24.89	1.967	231.5	182.824721
1.694	215.9	165.3484246	24.93	2.041	209.7	154.5640391
1.345	221.8	179.1954466	24.97	1.473	215.4	164.3504379
1.432	229.2	189.2145397	25.08	1.699	223.1	182.8356637
1.874	242.4	160.7556316	25.19	2.385	236.2	171.8370419
2.085	243.8	158.6977847	25.19	2.626	238.9	166.5881931
1.622	240.2	164.3012465	25.39	1.947	238.1	168.0709172
1.901	228.7	190.7045403	25.88	2.45	223.5	184.0049395
2.192	236	172.2544374	25.79	2.847	228.1	192.5433417
2.131	205.9	149.4475739	25.65	2.647	201.7	144.8885107
2.082	208.3	152.5604335	25.52	2.597	201.7	144.8885107
2.343	209.6	154.4161117	25.4	2.722	204.7	148.034394
1.869	236	172.2544374	25.38	2.342	232.7	179.7716623
2.213	239.8	164.9891752	25.39	2.818	238.1	168.0709172
1.855	231.6	182.5632711	25.29	2.429	228.1	192.5433417
1.707	227.8	193.4841124	25.3	2.085	224.7	187.6599662
1.741	246.8	154.7650203	25.38	2.175	243.4	159.2706591
1.561	244.2	158.1366964	25.53	2.07	240.2	164.3012465
1.514	219.5	173.3102392	25.68	1.926	214.7	162.994021
1.713	224.5	187.035022	25.75	2.014	218.2	170.2702897
1.994	218.3	170.4972397	25.68	2.303	213.6	160.955157
2.333	221.3	177.8577632	25.6	2.726	217.1	167.8465446
1.994	230	186.9076557	25.61	2.469	226.2	192.5597384
2.106	234.8	174.8472386	25.6	2.641	231.5	182.824721
1.771	239.3	165.8686538	25.64	2.191	236.8	170.6093072
1.392	241.2	162.6406568	25.67	1.681	238.2	167.8823409

24.5	2.383	207.1	150.9548471	144.5102295	Yes
24.47	1.947	214.4	162.4269132	167.3211232	Yes
24.49	1.976	213.5	160.7752562	152.3616987	Yes
24.45	2.561	217.5	168.7126952	171.777274	Yes
24.42	2.355	212.2	158.5161218	161.1541737	Yes
24.43	2.095	214.1	161.8681603	156.0854866	Yes
24.45	2.171	209.3	153.9768314	144.179954	Yes
24.44	2.242	221.4	178.1226162	174.951526	Yes
24.44	2.235	230.7	184.9640411	187.6048566	Yes
24.46	1.888	215	163.5696028	159.0459039	Yes
24.49	2.439	217	167.6326681	162.3700409	Yes
24.5	2.041	217.1	167.8465446	162.9833834	Yes
24.55	1.944	210.8	156.2417902	153.0237415	Yes
24.59	2.04	207.5	151.4788997	146.6649328	Yes
24.67	1.5	210.7	156.0853794	158.2947857	Yes
24.73	1.546	219.8	174.0400802	168.0716026	Yes
24.69	1.797	221	177.0711342	174.937771	Yes
24.65	1.973	222.9	182.2598979	179.7891504	Yes
24.61	1.553	233.5	177.8350956	187.5659098	Yes
24.58	1.971	235.7	172.8883094	170.3947542	Yes
24.58	1.532	221.8	179.1954466	179.9129502	Yes
24.62	1.771	215.8	165.1468514	160.180654	Yes
24.64	1.497	223.5	184.0049395	179.8799993	Yes
24.72	1.318	226.5	193.5866754	182.3651282	Yes
24.81	1.616	244.1	158.2758734	158.7777746	Yes
24.84	2.128	235.4	173.5316387	177.3872115	Yes
24.87	2.366	216.6	166.7876462	163.9725545	Yes
24.89	1.87	220.8	176.5532489	171.4668428	Yes
25.02	1.948	226.8	194.6299891	185.2489984	Yes
25.09	2.724	240.5	163.7942737	164.6448609	Yes
25.08	3.016	241.7	161.8412498	160.7830814	Yes
25.28	2.253	241	162.9661204	165.6249441	Yes
25.72	2.667	226.8	194.6299891	186.8867115	Yes
25.58	3.293	232	181.5304128	178.8963518	Yes
25.47	3.008	209.8	154.712722	147.7949247	Yes
25.36	2.996	207.3	151.2154981	148.5636129	Yes
25.25	3.512	213.3	160.4181218	148.7709603	Yes
25.27	2.728	237.6	169.0279442	171.2458246	Yes
25.26	3.331	242.7	160.3021067	162.8917026	Yes
25.16	2.743	233	179.0364331	184.3258676	Yes
25.19	2.339	228.1	192.5433417	183.6664645	Yes
25.27	2.523	248.2	153.1370917	155.0046501	Yes
25.42	2.347	243	159.8555038	157.8932559	Yes
25.55	2.149	219.5	173.3102392	171.4407241	Yes
25.63	2.411	221	177.0711342	179.1765615	Yes
25.54	2.971	220.1	174.7809062	166.061859	Yes
25.47	3.366	223.3	183.4173207	173.320841	Yes
25.49	2.75	230	186.9076557	186.0168771	Yes
25.46	3.054	235.7	172.8883094	172.8416024	Yes
25.52	2.421	239.2	166.0471971	160.453051	Yes
25.55	1.964	240.3	164.1314071	166.1161241	Yes

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7/29/2019	12:17	27.29	0.864
7/29/2019	12:18	27.34	0.668
7/29/2019	12:19	27.41	0.748
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7/29/2019	12:21	27.88	0.685
7/29/2019	12:22	27.88	0.669
7/29/2019	12:23	27.76	0.746
7/29/2019	12:24	27.53	0.695
7/29/2019	12:25	27.3	0.373
7/29/2019	12:26	27.19	0.524
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7/29/2019	12:35	27.04	0.736
7/29/2019	12:36	27.14	0.506
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7/29/2019	12:47	27.41	0.783

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263.9	142.3357491	27.65
274	141.4818346	27.38
264.5	142.1607573	27.08
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282.5	144.220467	27.04
284.2	145.1683796	27.24
257.5	145.2285189	27.21
280.7	143.3668232	27.13
261.6	143.1564895	27.01
262.6	142.7702052	26.68
274.5	141.5541247	26.52
278.1	142.397648	26.72
260	143.8704074	26.95
271.7	141.2885722	27.05
268.5	141.3988308	27.41
282.7	144.324759	27.46
264.7	142.105983	27.43
277.7	142.2756368	27.52
278.2	142.4292686	27.69
295	154.7650203	27.53
290.9	150.341502	27.24
271.3	141.2782429	27.07
288.5	148.2125295	27.15
278.4	142.4938547	27.38
293.1	152.5859038	27.32

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1.047	255.5
1.248	257.6
1.386	258.9
1.415	247.4
1.595	264.5
1.103	240.6
1.552	238.7
1.507	254.1
1.427	266.9
1.121	258.4
1.151	246.9
1.297	239.7
1.092	250.2
1.008	247.6
1.17	263.7
1.315	276.8
1.64	278
1.594	279.1
1.864	278.3
1.586	274.9
1.623	282.6
1.396	266.9
1.723	263.6
1.386	273.7
1.523	254.2
1.478	264.6
1.097	261.2
1.062	273.5
1.121	269.4
1.798	269.2
1.686	253.6
1.352	273.6
1.607	252.2
1.733	258.7
1.676	263.9
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1.72	249.9
1.409	258.8
1.488	262.1
1.315	270.6
1.261	255.4
1.416	264.8
1.287	277.1
1.625	285.2
1.21	277.1
1.459	271.8
1.508	287.4
1.566	271.2
1.597	285.6

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166.9533691	25.76
147.5733027	25.67
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144.7048835	25.57
154.6445213	25.58
165.1633188	25.61
151.0243214	25.69
153.8193224	25.8
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142.4292686	27.41
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147.4958051	27.12
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141.4203824	26.5
141.3232279	26.6
141.3370081	26.79
147.9687897	26.73
141.431807	26.66
149.1482972	26.56
144.539086	26.27
142.3357491	26.13
141.9522815	26.36
151.3257947	26.56
144.4847842	26.67
142.9576428	26.99
141.2767366	26.98
146.6068237	26.98
142.0792607	27.06
142.105983	27.22
145.7920604	27.01
142.105983	26.73
141.2922309	26.6
147.3423991	26.73
141.2767366	26.94
146.0555256	26.87

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1.341	257.7	145.1087319	25.66	1.844	254.9	146.9680947
1.466	258.8	144.4847842	25.59	2.088	254.7	147.1162438
1.703	259.4	144.169036	25.54	2.233	251.8	149.5052253
1.705	247.3	154.1690811	25.53	2.284	248.7	152.5859038
1.889	268	141.4559546	25.54	2.581	261.8	143.0755769
1.424	241.4	162.3184643	25.57	1.843	238.7	166.9533691
2.043	242.1	161.2161624	25.62	2.472	238.9	166.5881931
1.796	255.9	146.2584353	25.54	2.422	252.7	148.7146909
1.676	271.7	141.2885722	25.47	2.383	265.5	141.9045775
1.312	258.8	144.4847842	25.46	1.908	255.3	146.6780426
1.588	245.4	156.5223835	25.47	1.924	243.2	159.5615734
1.773	240	164.6434892	25.5	2.086	238.6	167.137323
1.464	254.1	147.5733027	25.58	1.775	251.1	150.1516501
1.29	251.7	149.595865	25.68	1.73	247.1	154.4054945
1.409	267.4	141.5387984	25.79	1.969	261.9	143.0358082
1.528	278.9	142.6631883	26.2	2.144	276.8	142.0271438
1.926	278.8	142.6284203	26.62	2.589	274.6	141.5698857
1.893	281.7	143.8222881	26.55	2.524	276.9	142.0529811
2.16	280.3	143.1976347	26.72	2.9	275.2	141.6735922
1.81	278.1	142.397648	26.7	2.537	273.5	141.4203824
1.954	284.3	145.2285189	26.75	2.486	276.2	141.8813857
1.725	270	141.2922309	27.08	2.317	266.9	141.6197787
2.052	267.2	141.5698857	27.08	2.833	262.4	142.843816
1.561	275.4	141.7116497	26.93	2.235	271	141.2750152
1.774	256.8	145.663343	26.76	2.339	252.7	148.7146909
1.73	268	141.4559546	26.57	2.395	262.9	142.6631883
1.232	261.8	143.0755769	26.29	1.814	260.1	143.8222881
1.307	272.7	141.344545	26.24	1.893	267.1	141.5860815
1.321	274.6	141.5698857	26.34	2.004	268.6	141.3887034
2.003	270.5	141.2782429	26.5	2.894	266.3	141.7313339
2.136	255.5	146.5361202	26.44	2.859	252.1	149.2366877
1.604	276.7	142.0017483	26.38	2.195	272	141.30084
2.075	256.4	145.922785	26.31	2.737	253.7	147.8886214
2.147	258.1	144.8750382	26.04	2.974	255.4	146.6068237
2.008	265	142.0271438	25.91	2.846	259.7	144.0175927
1.769	269.7	141.3057907	26.1	2.398	265.5	141.9045775
2.128	250	151.2247092	26.3	2.765	247.3	154.1690811
1.64	260.9	143.4541915	26.41	2.28	258.5	144.6491348
1.622	264.2	142.2462495	26.7	2.322	261.9	143.0358082
1.44	271.9	141.2963201	26.67	2.082	266.2	141.7514553
1.54	258.9	144.4309631	26.68	2.041	255.3	146.6780426
1.594	271.1	141.2756607	26.72	2.196	269.9	141.2963201
1.372	280.5	143.2813061	26.91	2.054	274.5	141.5541247
1.888	289.2	148.8003043	26.73	2.578	286.7	146.8220309
1.483	282.4	144.169036	26.46	1.991	279	142.6984082
1.659	276.9	142.0529811	26.34	2.301	274.6	141.5698857
1.863	289.7	149.2366877	26.49	2.421	285.3	145.8571712
1.774	274.5	141.5541247	26.68	2.535	270	141.2922309
1.989	286.6	146.7497779	26.61	2.619	283.3	144.6491348

25.56	2.266	249.2	152.0502072	153.154766	Yes
25.54	2.593	251.8	149.5052253	149.2347672	Yes
25.53	1.952	260.1	143.8222881	145.2147991	Yes
25.46	2.247	257	145.5366244	144.5304802	Yes
25.42	2.544	254.2	147.4958051	146.4196318	Yes
25.42	2.48	254.4	147.3423991	153.7146707	Yes
25.42	2.759	266.6	141.6735922	142.227399	Yes
25.47	2.141	242.7	160.3021067	163.0423663	Yes
25.5	2.803	243.8	158.6977847	163.8025583	Yes
25.43	2.65	257.8	145.0495749	146.744348	Yes
25.37	2.556	267.3	141.5541247	141.5997525	Yes
25.36	2.051	261.5	143.1976347	145.0091866	Yes
25.38	2.111	248	153.3619607	154.8183984	Yes
25.4	2.504	241.6	161.9995159	162.3284777	Yes
25.48	2.049	256.3	145.9889028	149.4743929	Yes
25.57	1.938	248.1	153.2492103	149.7792505	Yes
25.68	2.062	266.9	141.6197787	142.1070523	Yes
26.06	2.387	282.9	144.4309631	143.691743	Yes
26.41	2.978	280.4	143.23924	144.8698806	Yes
26.28	2.84	282.3	144.1180804	145.0347769	Yes
26.43	3.186	279.3	142.8067836	144.3241666	Yes
26.42	2.745	276.6	141.9767943	142.6515472	Yes
26.5	2.758	282.2	144.0675996	145.1993573	Yes
26.82	2.535	272.1	141.3057907	141.6801496	Yes
26.72	3.096	267.4	141.5387984	142.1338432	Yes
26.53	2.499	273.7	141.4436643	143.2438612	Yes
26.39	2.645	258.4	144.7048835	146.052397	Yes
26.26	2.646	268.6	141.3887034	141.9335315	Yes
26.01	1.899	266.3	141.7313339	143.095614	Yes
26	2.06	274.6	141.5698857	142.1558458	Yes
26.13	2.138	275.7	141.7720144	142.125571	Yes
26.24	3.079	269.6	141.3111722	142.3787411	Yes
26.15	3.18	257.8	145.0495749	147.2425291	Yes
26.13	2.339	276.4	141.9282093	142.0253046	Yes
26.09	3.071	257.8	145.0495749	146.5290483	Yes
25.81	3.41	261.1	143.3668232	144.6977883	Yes
25.7	3.076	267.9	141.4686779	142.4836526	Yes
25.88	2.63	270.9	141.2748	141.8900744	Yes
26.03	3.161	252.7	148.7146909	150.1474981	Yes
26.14	2.495	262.7	142.7340803	143.4691707	Yes
26.41	2.464	268.3	141.4203824	142.4096328	Yes
26.4	2.146	269.5	141.3169846	142.1623178	Yes
26.42	2.277	261.1	143.3668232	144.9554531	Yes
26.45	2.425	276.1	141.8586336	141.7317196	Yes
26.64	2.005	283.9	144.9909076	142.3426706	Yes
26.48	2.819	292.3	151.7361232	149.044854	Yes
26.23	2.184	283.6	144.8178344	144.8287323	Yes
26.13	2.472	280	143.0755769	141.5483351	Yes
26.28	2.623	291	150.437296	147.6621969	Yes
26.44	2.754	276.3	141.9045775	141.6542367	Yes
26.36	2.963	285.9	146.2584353	147.5100855	Yes

7/29/2019	12:48	27.31	0.586
7/29/2019	12:49	27.29	0.76
7/29/2019	12:50	27.25	0.747
7/29/2019	12:51	27.21	0.508
7/29/2019	12:52	27.29	0.497
7/29/2019	12:53	27.22	0.445
7/29/2019	12:54	27.26	0.584
7/29/2019	12:55	27.4	0.383
7/29/2019	12:56	27.51	0.452
7/29/2019	12:57	27.53	0.478
7/29/2019	12:58	27.61	0.408
7/29/2019	12:59	27.6	0.648
7/29/2019	13:00	27.57	0.545
7/29/2019	13:01	27.62	0.467
7/29/2019	13:02	27.78	0.424
7/29/2019	13:03	27.73	0.309
7/29/2019	13:04	27.55	0.429
7/29/2019	13:05	27.4	0.522
7/29/2019	13:06	27.29	0.439
7/29/2019	13:07	27.17	0.523
7/29/2019	13:08	27.1	0.459
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7/29/2019	13:12	27.88	0.357
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7/29/2019	13:14	28.17	0.394
7/29/2019	13:15	28.33	0.537
7/29/2019	13:16	28.3	0.528
7/29/2019	13:17	28.3	0.385
7/29/2019	13:18	28.38	0.432
7/29/2019	13:19	28.5	0.291
7/29/2019	13:20	28.58	0.608
7/29/2019	13:21	28.42	0.488
7/29/2019	13:22	28.35	0.552
7/29/2019	13:23	28.29	0.522
7/29/2019	13:24	28.3	0.425
7/29/2019	13:25	28.3	0.46
7/29/2019	13:26	28.41	0.318
7/29/2019	13:27	28.58	0.515
7/29/2019	13:28	28.7	0.48
7/29/2019	13:29	28.74	0.657
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7/29/2019	13:32	28.69	0.533
7/29/2019	13:33	28.63	0.677
7/29/2019	13:34	28.66	0.501
7/29/2019	13:35	28.65	0.405
7/29/2019	13:36	28.68	0.457
7/29/2019	13:37	28.67	0.46
7/29/2019	13:38	28.68	0.537

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278	142.366475	27.06
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274.6	141.5698857	27.15
278.1	142.397648	27.33
269.6	141.3111722	27.46
287.9	147.7298938	27.46
297.6	158.1366964	27.54
292.4	151.8402112	27.55
270.8	141.2750152	27.47
267.7	141.4954247	27.49
291.5	150.9250156	27.71
271.3	141.2782429	27.64
278.9	142.6631883	27.42
286.8	146.8948028	27.25
281.5	143.7274589	27.16
270.4	141.2801795	27.04
271.3	141.2782429	26.95
292.3	151.7361232	27.36
278.7	142.5941034	27.61
262.5	142.8067836	27.68
280.5	143.2813061	27.83
310.4	183.0874794	28.01
306.4	173.5316387	28.16
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290.5	149.9641021	28.22
267.2	141.5698857	28.16
294.8	154.5246801	28.22
277.7	142.2756368	28.32
295.2	155.008001	28.43
305.4	171.4237479	28.21
293.8	153.3619607	28.13
299.2	160.4525084	28.07
280.4	143.23924	28.09
277.6	142.2462495	28.11
234.4	175.7462142	28.22
271.1	141.2756607	28.44
299.1	160.3021067	28.59
269.8	141.30084	28.62
279.2	142.7702052	28.51
293.3	152.8045061	28.5
312.4	188.6290418	28.51
318.2	184.3010071	28.48
331.7	155.1633342	28.55
321.1	176.2962446	28.56
322.8	172.1177686	28.61
296.4	156.5223835	28.61
287.3	147.2664881	28.56

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1.378	278.5
1.059	279.1
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1.178	266.4
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1.224	262.3
1.458	274.3
1.18	280.4
1.494	282.6
1.433	268.1
1.376	257.3
1.066	276.8
1.068	268.1
1.166	269
1.004	290.9
1.151	279.5
1.455	256.4
1.066	254.9
1.157	285.3
1.277	267.9
1.341	259.7
1.126	270.5
1.167	301.3
0.788	292.4
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1.039	279.3
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0.954	286.2
0.816	270.1
1.301	281
1.457	310
1.477	286
1.112	281.3
1.104	277.2
1.164	273.7
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1.18	267.1
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1.257	308.3
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1.412	281.5

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141.7116497	26.79
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142.8813029	27.1
141.5239064	27.07
143.23924	27.16
144.2723744	27.13
141.4436643	27.06
145.3502763	27.09
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141.4436643	27.2
141.3525134	26.99
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145.922785	26.67
146.9680947	26.61
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141.2782429	27.45
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142.5268211	27.67
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191.2154206	28.07
177.8350956	28.13
154.5246801	28.11
143.7274589	28.09

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2.343	266.6	141.6735922	26.61	3.431	263.5	142.4613373
2.002	267.5	141.5239064	26.51	3.004	265	142.0271438
1.604	280.5	143.2813061	26.47	2.229	276.4	141.9282093
1.426	281.7	143.8222881	26.58	1.933	275	141.6372805
1.468	269.4	141.3232279	26.48	1.961	266	141.7930115
1.477	271	141.2750152	26.58	1.91	267.4	141.5387984
1.058	277.2	142.1331484	26.8	1.637	269.8	141.30084
1.532	261.4	143.23924	26.91	2.143	260.7	143.5434164
1.636	277.6	142.2462495	26.86	2.237	272.9	141.3609132
1.653	281.4	143.6807474	26.94	2.149	276.1	141.8586336
1.961	286.1	146.3962542	26.9	2.591	281.3	143.6345036
1.695	272	141.30084	26.82	2.518	265.5	141.9045775
1.704	260	143.8704074	26.86	2.309	256.9	145.5997344
1.277	280.6	143.3238336	27.08	1.765	276.4	141.9282093
1.387	270.9	141.2748	26.96	2.002	266.5	141.6924026
1.347	271.5	141.2825466	26.76	2.076	264.7	142.105983
1.553	293	152.4775331	26.63	1.839	290	149.5052253
1.444	284.9	145.5997344	26.56	2.015	279.6	142.919245
1.736	257.3	145.3502763	26.5	2.482	252.5	148.8864702
1.412	256.8	145.663343	26.43	1.944	253.9	147.7298938
1.462	286.3	146.5361202	26.83	2.092	281.9	143.9189973
1.561	272.1	141.3057907	27.03	2.214	268.1	141.4436643
1.56	264.1	142.2756368	27.06	2.157	260.3	143.7274589
1.288	273.2	141.3887034	27.21	1.856	272.2	141.3111722
1.611	302	164.9891752	27.36	1.946	299.6	161.0618684
1.21	295.3	155.1304872	27.53	1.502	287.2	147.1911034
1.629	278.4	142.4938547	27.64	2.352	276.6	141.9767943
1.423	285.4	145.922785	27.45	1.973	281.4	143.6807474
1.064	264.8	142.0792607	27.38	1.51	257.4	145.2891508
1.176	289.6	149.1482972	27.44	1.583	287.6	147.4958051
1.079	272.5	141.3299024	27.56	1.688	268.7	141.3790081
1.78	284.1	145.1087319	27.63	2.331	280.8	143.4102756
1.857	309.8	181.5304128	27.38	2.482	307.1	175.0703199
1.868	290.6	150.0575889	27.38	2.5	287.5	147.4188376
1.324	286.3	146.5361202	27.39	1.83	281	143.4985715
1.389	280	143.0755769	27.46	1.948	280.9	143.4541915
1.42	278.3	142.4613373	27.48	1.891	278.5	142.5268211
1.203	251.8	149.5052253	27.63	1.702	247.5	153.9352634
1.363	268.7	141.3790081	27.85	1.979	263.3	142.5268211
1.531	283.8	144.932729	28	2.074	277.5	142.2173074
2.096	259.2	144.2723744	28.01	2.708	256.4	145.922785
1.907	273.4	141.4093904	27.86	2.556	270	141.2922309
1.198	296.9	157.1826166	27.85	1.705	293.6	153.1370917
1.639	312.7	189.5095215	27.77	1.996	310.6	183.6169505
1.712	318.1	184.5985921	27.77	2.036	314.7	195.6900033
1.765	320.3	178.3888034	27.88	2.344	318.5	183.4173207
1.556	319.8	179.7400211	27.83	1.825	316.4	189.898934
1.57	310.5	183.3515534	27.89	2.223	308.6	178.5523232
1.405	298.5	159.4157407	27.89	1.844	292.5	151.9449052
1.663	284.2	145.1683796	27.89	2.462	282.2	144.0675996

26.35	2.327	282.3	144.1180804	143.4804131	Yes
26.41	3.786	269.8	141.30084	141.9832419	Yes
26.31	3.026	269.1	141.344545	141.8890782	Yes
26.29	2.374	283.8	144.932729	142.5257029	Yes
26.4	2.204	280.2	143.1564895	145.2221358	Yes
26.3	2.029	273.3	141.3988308	141.7790938	Yes
26.42	2.089	272.7	141.344545	141.5238372	Yes
26.64	1.633	276.3	141.9045775	141.8672292	Yes
26.68	2.367	268	141.4559546	142.7437829	Yes
26.64	2.355	278.4	142.4938547	143.2152407	Yes
26.74	2.451	281.1	143.5434164	146.7288293	Yes
26.67	2.933	285.9	146.2584353	146.5358359	Yes
26.61	2.59	271.4	141.2801795	141.4810243	Yes
26.65	2.589	262.6	142.7702052	144.0789607	Yes
26.85	1.911	283.1	144.539086	144.5510506	Yes
26.71	2.243	271.3	141.2782429	141.4222774	Yes
26.54	2.151	271.2	141.2767366	141.8510578	Yes
26.43	2.188	297.1	157.451638	149.8047658	Yes
26.4	2.174	286	146.3270894	143.7819353	Yes
26.35	2.642	257.8	145.0495749	145.3599278	Yes
26.27	2.14	258.8	144.4847842	145.4098936	Yes
26.67	2.211	286.8	146.8948028	147.012103	Yes
26.86	2.278	276	141.8363207	141.7030591	Yes
26.88	2.366	264.8	142.0792607	143.206868	Yes
26.99	1.912	279.8	142.996497	141.8148561	Yes
27.16	2.16	303.3	167.3221929	168.2331992	Yes
27.4	1.809	294	153.5893653	156.9233601	Yes
27.41	2.542	282.1	144.0175927	141.8301786	Yes
27.19	2.243	282.2	144.0675996	145.5936045	Yes
27.09	1.649	261.5	143.1976347	142.8662796	Yes
27.18	1.615	293.4	152.9147416	149.4086783	Yes
27.31	1.831	274	141.4818346	141.5682799	Yes
27.37	2.567	285.2	145.7920604	146.756395	Yes
27.12	2.772	309.7	181.2753983	177.5171871	Yes
27.14	2.73	294.2	153.8193224	149.2913692	Yes
27.16	1.916	285.7	146.1226545	148.5304259	Yes
27.28	1.954	286.7	146.8220309	142.9755392	Yes
27.29	2.074	283.6	144.8178344	142.1695181	Yes
27.47	1.925	253.7	147.8886214	157.5777304	Yes
27.68	2.111	269	141.3525134	141.6918929	Yes
27.8	2.283	282.5	144.220467	147.7602175	Yes
27.77	3.012	261.5	143.1976347	144.3546961	Yes
27.59	2.758	275	141.6372805	141.6910143	Yes
27.61	1.981	301.9	164.8158999	153.7150844	Yes
27.53	2.401	315.6	192.5597384	188.4971157	Yes
27.56	2.683	319.1	181.6899539	188.86833	Yes
27.64	2.732	322.6	172.5912057	173.575372	Yes
27.57	2.348	318	184.8977039	184.2876551	Yes
27.63	2.608	311.5	186.0662962	177.9641852	Yes
27.64	2.12	296.3	156.3924283	155.6019274	Yes
27.66	2.617	290.8	150.2462872	145.0574815	Yes

7/29/2019	13:39	28.74	0.787
7/29/2019	13:40	28.83	0.466
7/29/2019	13:41	28.96	0.372
7/29/2019	13:42	29.07	0.313
7/29/2019	13:43	29.15	0.391
7/29/2019	13:44	29.34	0.534
7/29/2019	13:45	29.33	0.655
7/29/2019	13:46	29.26	0.68
7/29/2019	13:47	29.25	0.508
7/29/2019	13:48	29.12	0.298
7/29/2019	13:49	29.02	0.38
7/29/2019	13:50	28.72	0.283
7/29/2019	13:51	28.49	0.289
7/29/2019	13:52	28.59	0.352
7/29/2019	13:53	28.85	0.357
7/29/2019	13:54	29.09	0.341
7/29/2019	13:55	29.3	0.338
7/29/2019	13:56	29.39	0.358
7/29/2019	13:57	29.34	0.697
7/29/2019	13:58	29.23	0.382
7/29/2019	13:59	29.14	0.365
7/29/2019	14:00	28.86	0.415
7/29/2019	14:01	28.88	0.426
7/29/2019	14:02	28.87	0.597
7/29/2019	14:03	28.93	0.426
7/29/2019	14:04	28.94	0.528
7/29/2019	14:05	28.92	0.409
7/29/2019	14:06	28.99	0.45
7/29/2019	14:07	29	0.685
7/29/2019	14:08	28.95	0.535
7/29/2019	14:09	28.9	0.542
7/29/2019	14:10	28.95	0.305
7/29/2019	14:11	29.07	0.425
7/29/2019	14:12	29.08	0.405
7/29/2019	14:13	29.15	0.337
7/29/2019	14:14	29.15	0.62
7/29/2019	14:15	29.12	0.453
7/29/2019	14:16	29.2	0.38
7/29/2019	14:17	29.33	0.467
7/29/2019	14:18	29.4	0.491
7/29/2019	14:19	29.34	0.307
7/29/2019	14:20	29.43	0.392
7/29/2019	14:21	29.42	0.219
7/29/2019	14:22	29.52	0.247
7/29/2019	14:23	29.4	0.262
7/29/2019	14:24	29.11	0.405
7/29/2019	14:25	28.75	0.322
7/29/2019	14:26	28.42	0.37
7/29/2019	14:27	28.26	0.368
7/29/2019	14:28	28.44	0.461
7/29/2019	14:29	28.76	0.46

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275.6	141.7514553	28.73
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246.2	155.5019575	28.97
268.6	141.3887034	29.02
271.2	141.2767366	29.22
312.8	189.8060036	29.21
299.7	161.2161624	29.12
309.7	181.2753983	29.12
298.9	160.0036074	29
276.3	141.9045775	28.86
253.5	148.0494963	28.48
260.5	143.6345036	28.18
273.6	141.431807	28.35
269.1	141.344545	28.71
279.4	142.843816	29.01
297	157.3167727	29.24
300.6	162.6406568	29.33
290.9	150.341502	29.25
311.1	184.9640411	29.11
303.8	168.2604307	29.02
300.4	162.3184643	28.7
303.6	167.8823409	28.72
305.9	172.4646859	28.75
313	190.403504	28.82
325.4	166.3713526	28.87
317.9	185.1983516	28.84
311.9	187.1909456	28.93
304	168.6422867	28.95
309.9	181.7867003	28.86
305.6	171.8370419	28.81
307.3	175.5198021	28.86
318.4	183.7103804	29.01
320.3	178.3888034	29.02
301.7	164.4719393	29.1
297.5	157.9982448	29.05
298.1	158.8398912	29.01
319.9	179.4670474	29.1
295.9	155.8794948	29.23
321.9	174.2857928	29.33
323.8	169.8197457	29.26
294	153.5893653	29.36
316.1	190.8837175	29.34
317.2	187.3466876	29.51
328.8	159.8890273	29.43
342.4	142.8262379	29.1
303.4	167.507983	28.7
315.8	191.884056	28.36
308	177.1284437	28.19
320.2	178.6563324	28.43
311.7	186.6257896	28.84

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1.294	302.3
1.402	294.7
1.249	307.7
0.982	290.4
1.124	264.2
0.909	246.6
0.872	249.9
0.876	270.7
0.977	255.8
0.979	277.4
0.863	283.3
1.152	289.7
1.438	297.3
1.354	313.8
1.188	296
1.46	291.1
1.307	294.7
1.588	298.8
1.149	310.2
1.624	322
1.267	304.4
1.379	310.7
1.618	301.4
1.387	304.5
1.362	306.2
0.986	299.4
1.115	315.8
1.07	312.9
1.126	291.1
1.469	291
1.472	305.1
1.08	320.3
1.167	289.8
1.421	330.6
0.983	324.6
1.219	288.1
0.506	328.7
0.659	326.9
0.896	330.6
1.089	335.5
1.232	311.2
1.178	320.9
1.354	319.5
1.379	313.7
1.333	314.5

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141.3299024	28.34
146.0555256	28.45
155.2536405	28.55
147.9687897	28.58
141.2922309	28.78
165.5142265	28.76
154.4054945	28.67
176.4322033	28.67
149.8711879	28.53
142.2462495	28.4
155.008001	28.04
151.3257947	27.79
141.2756607	27.98
146.3270894	28.32
142.1888102	28.57
144.6491348	28.77
149.2366877	28.8
157.7235069	28.72
195.7142115	28.59
156.0067	28.51
150.5336711	28.26
154.4054945	28.33
159.8555038	28.37
182.5632711	28.44
174.0400802	28.41
169.4174385	28.4
183.8836779	28.51
163.9624173	28.49
169.6136358	28.43
173.1016948	28.38
160.7556316	28.44
191.884056	28.59
190.1039947	28.56
150.5336711	28.63
150.437296	28.57
170.8114111	28.56
178.3888034	28.67
149.3256382	28.79
156.8753741	28.86
168.0614801	28.77
147.8886214	28.84
160.0645165	28.81
163.3767931	28.96
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149.9393426	28.58
185.2375331	28.23
176.811543	27.96
180.5672593	27.85
192.5433417	28.14
195.7142115	28.55

2.014	288	147.8089898	28.03	2.604	285.5	145.9889028
1.419	277.1	142.105983	28.18	2.058	272.9	141.3609132
1.323	262.2	142.919245	28.25	1.869	260.5	143.6345036
1.243	250.4	150.8262993	28.34	1.673	249.8	151.4274771
1.349	256.4	145.922785	28.36	1.829	253.6	147.9687897
1.715	271.5	141.2825466	28.57	2.472	267.8	141.4818346
1.862	299.2	160.4525084	28.54	2.331	296	156.0067
1.711	292.8	152.2626427	28.48	2.403	292.6	152.0502072
1.823	305.8	172.2544374	28.47	2.255	301.2	163.6269725
1.29	296	156.0067	28.32	1.831	290.5	149.9641021
1.249	269.5	141.3169846	28.21	1.91	266	141.7930115
1.173	255.1	146.8220309	27.86	1.678	252	149.3256382
1.126	256.7	145.7274513	27.63	1.523	254.9	146.9680947
0.976	275.1	141.6552183	27.81	1.463	271.4	141.2801795
1.212	263.6	142.4292686	28.13	1.646	262.4	142.843816
1.125	275.8	141.7930115	28.36	1.699	271.1	141.2756607
1.067	282.1	144.0175927	28.53	1.519	280.2	143.1564895
1.49	290.5	149.9641021	28.53	2.135	286.6	146.7497779
2.139	297.1	157.451638	28.45	2.684	293.4	152.9147416
1.808	312.2	188.0494405	28.34	2.417	309.4	180.5179243
1.6	296.6	156.7843776	28.28	2.186	290.9	150.341502
1.973	293.5	153.0256028	28.08	2.625	287.6	147.4958051
1.502	296.9	157.1826166	28.18	2.379	293.3	152.8045061
2.262	299.2	160.4525084	28.22	2.928	298.7	159.7081601
1.766	307.9	176.8952147	28.28	2.143	304	168.6422867
2.148	319	181.9742025	28.22	2.97	317.5	186.4164902
1.729	307.6	176.202409	28.23	2.187	303.3	167.3221929
1.847	310.3	182.824721	28.36	2.336	308.1	177.3628294
2.147	302.2	165.3383346	28.32	2.735	300.4	162.3184643
1.924	306	172.6759748	28.26	2.644	304.1	168.8346381
1.859	306.2	173.1016948	28.22	2.396	303.9	168.4508857
1.063	300.3	162.1585863	28.28	1.716	297.7	158.2758734
1.565	313.7	192.5433417	28.42	2.019	313	190.403504
1.581	316.9	188.2914027	28.38	1.933	311.8	186.9076557
1.438	289.2	148.8003043	28.45	2.01	287.1	147.1162438
1.966	292.9	152.3697801	28.42	2.546	290.8	150.2462872
1.958	307.1	175.0703199	28.41	2.658	302.7	166.2266321
1.429	316.5	189.5740787	28.5	1.923	311.9	187.1909456
1.476	290.2	149.6870709	28.63	1.98	287.4	147.3423991
1.838	324.5	168.2774801	28.71	2.348	324	169.3736382
1.135	323.3	170.9545255	28.6	1.495	320.3	178.3888034
1.427	291.5	150.9250156	28.67	2.063	285.3	145.8571712
0.693	316.8	188.6095808	28.61	0.885	329.8	158.1813694
0.741	321.2	176.0405229	28.78	1.013	322.8	172.1177686
1.014	330	157.8499471	28.74	1.381	325	167.2080708
1.686	330	157.8499471	28.45	1.75	325.8	165.5509953
1.372	305.4	171.4237479	28.12	1.958	302.9	166.5881931
1.334	314.1	195.7142115	27.87	1.891	310.1	182.3031224
1.641	313.3	191.3112307	27.78	2.119	311.3	185.5124012
1.685	313.5	191.9241395	28.07	2.192	310.1	182.3031224
1.715	310	182.0442679	28.46	2.223	306.2	173.1016948

27.84	2.837	291.7	151.1242187	146.9477717	Yes
28	2.187	279.3	142.8067836	141.6370635	Yes
28.06	1.899	263.1	142.5941034	143.4994944	Yes
28.14	1.744	253.7	147.8886214	153.2523436	Yes
28.17	1.966	256.4	145.922785	145.812267	Yes
28.36	2.673	271.7	141.2885722	141.3333372	Yes
28.33	2.762	302.7	166.2266321	167.9448596	Yes
28.31	2.556	301.2	163.6269725	154.9836267	Yes
28.27	2.732	306.9	174.6252563	173.3972529	Yes
28.12	2.126	296.1	156.1345891	153.9613993	Yes
28	1.992	269.5	141.3169846	141.8152058	Yes
27.66	1.827	255.8	146.3270894	149.8012916	Yes
27.45	1.595	259.7	144.0175927	146.9139611	Yes
27.64	1.503	274.5	141.5541247	141.4107164	Yes
27.96	1.684	268.4	141.4093904	143.2361798	Yes
28.16	1.686	278.8	142.6284203	142.0253246	Yes
28.33	1.559	286.7	146.8220309	147.2849974	Yes
28.33	2.272	292.4	151.8402112	152.1478061	Yes
28.22	3.114	300.5	162.4791534	154.6078471	Yes
28.1	2.797	314.3	195.7142115	187.3114043	Yes
28.08	2.483	297.4	157.8605159	157.8482526	Yes
27.92	3.033	294.5	154.1690811	153.3433858	Yes
28.02	2.5	301.3	163.7942737	158.0687395	Yes
28.04	3.312	304.4	169.4174385	163.1202145	Yes
28.08	2.736	309.4	180.5179243	179.6260691	Yes
27.96	3.208	322.5	172.8296935	177.2005314	Yes
28.01	2.522	308.2	177.5983781	174.535098	Yes
28.15	2.758	314.5	195.7142115	182.8155435	Yes
28.09	3.081	306.7	174.1845669	165.0653758	Yes
28.03	2.989	309.7	181.2753983	173.2277373	Yes
27.99	2.783	309.2	180.0191816	171.6228293	Yes
28.05	1.992	305.2	171.014516	164.1774733	Yes
28.17	2.245	316	191.2154206	189.6353205	Yes
28.13	2.318	316.8	188.6095808	185.9229641	Yes
28.23	2.165	295.9	155.8794948	152.7305396	Yes
28.22	2.805	299.1	160.3021067	152.762902	Yes
28.19	2.993	308.4	178.0729882	167.7370636	Yes
28.27	2.322	317.1	187.6599662	183.6552188	Yes
28.41	2.261	292.9	152.3697801	150.5586508	Yes
28.48	2.853	328.1	161.1359522	167.2030713	Yes
28.39	1.995	324.7	167.8465446	171.8061387	Yes
28.41	2.311	295.4	155.2536405	149.5650434	Yes
28.36	0.999	336.7	148.4952449	174.434796	Yes
28.58	1.105	326.6	163.9580918	174.720443	Yes
28.58	1.466	337.1	148.034394	160.4556048	Yes
28.3	2.552	331.2	155.9297559	154.0416307	Yes
28.02	2.195	306.8	174.4043676	172.6893643	Yes
27.8	2.114	315.2	193.9326112	186.6782332	Yes
27.72	2.5	315	194.6299891	183.6298337	Yes
27.99	2.449	317.6	186.1096044	186.356734	Yes
28.32	2.576	312	187.4756675	184.3714909	Yes

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7/29/2019	14:34	29.96	0.552
7/29/2019	14:35	29.92	0.49
7/29/2019	14:36	29.88	0.484
7/29/2019	14:37	29.75	0.664
7/29/2019	14:38	29.66	0.59
7/29/2019	14:39	29.6	0.568
7/29/2019	14:40	29.58	0.616
7/29/2019	14:41	29.59	0.82
7/29/2019	14:42	29.61	0.621
7/29/2019	14:43	29.6	0.64
7/29/2019	14:44	29.57	0.485
7/29/2019	14:45	29.32	0.375
7/29/2019	14:46	29.05	0.465
7/29/2019	14:47	28.78	0.413
7/29/2019	14:48	28.49	0.48
7/29/2019	14:49	28.18	0.436
7/29/2019	14:50	28.07	0.445
7/29/2019	14:51	28.36	0.482
7/29/2019	14:52	28.44	0.594
7/29/2019	14:53	28.25	0.671
7/29/2019	14:54	28.06	0.383
7/29/2019	14:55	27.97	0.452
7/29/2019	14:56	28.19	0.408
7/29/2019	14:57	28.58	0.588
7/29/2019	14:58	28.94	0.581
7/29/2019	14:59	29.27	0.491
7/29/2019	15:00	29.51	0.666
7/29/2019	15:01	29.63	0.753
7/29/2019	15:02	29.45	0.53
7/29/2019	15:03	28.95	0.581
7/29/2019	15:04	28.53	0.437
7/29/2019	15:05	28.38	0.516
7/29/2019	15:06	28.6	0.569
7/29/2019	15:07	28.8	0.495
7/29/2019	15:08	28.95	0.544
7/29/2019	15:09	29.07	0.564
7/29/2019	15:10	29.07	0.419
7/29/2019	15:11	28.88	0.488
7/29/2019	15:12	28.57	0.373
7/29/2019	15:13	28.39	0.328
7/29/2019	15:14	28.21	0.337
7/29/2019	15:15	28.43	0.415
7/29/2019	15:16	28.82	0.271
7/29/2019	15:17	29.26	0.437
7/29/2019	15:18	29.61	0.384
7/29/2019	15:19	29.86	0.417
7/29/2019	15:20	29.96	0.367

318.3	184.0049395	29.19
331	156.2417902	29.48
314	195.7142115	29.72
314.6	195.7142115	29.98
284.4	145.2891508	30.08
305.9	172.4646859	29.96
309.7	181.2753983	29.88
320.2	178.6563324	29.73
318.4	183.7103804	29.6
285.5	145.9889028	29.53
291.9	151.3257947	29.45
288.6	148.294859	29.46
310.4	183.0874794	29.49
298.7	159.7081601	29.49
308.5	178.312062	29.49
311.8	186.9076557	29.25
313.1	190.7045403	28.94
323.2	171.184873	28.67
318.7	182.8356637	28.4
325.6	165.9591491	28.12
315	194.6299891	28.03
303	166.7703272	28.41
297	157.3167727	28.58
293.8	153.3619607	28.36
307.6	176.202409	28.14
306.8	174.4043676	28.05
322.1	173.7955882	28.3
290.8	150.2462872	28.76
293.8	153.3619607	29.13
293.2	152.6948941	29.46
294.9	154.6445213	29.67
295.4	155.2536405	29.73
309.5	180.7691609	29.54
327.3	162.6150149	28.92
322.9	171.8828066	28.43
307.1	175.0703199	28.28
310.8	184.1517432	28.61
311	184.6919171	28.89
301.8	164.6434892	29.08
311	184.6919171	29.22
315.6	192.5597384	29.2
301.3	163.7942737	29
305	170.6093072	28.63
308.6	178.5523232	28.44
306.4	173.5316387	28.26
311.4	185.7886529	28.51
308.8	179.0364331	29.05
305.3	171.2186266	29.58
309.8	181.5304128	29.96
327.4	162.4269132	30.2
338.7	146.2898835	30.22

1.218	314.9
1.365	326.7
1.105	308.4
1.187	305.5
1.49	290.5
1.427	311.8
1.803	322.9
1.93	318
1.665	317
1.601	279.7
1.703	286.8
1.652	287.8
1.623	314.2
1.65	304.9
1.509	310.4
1.254	314.2
1.101	306.9
1.241	324.9
1.511	319.3
1.23	323.5
1.215	314.9
1.422	301.2
1.41	301.2
1.598	295
1.288	308.6
1.493	306.3
1.605	316.7
1.551	292.9
1.641	292.5
1.458	296.8
1.778	287.2
1.674	301.5
1.874	311.8
1.989	328.2
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1.533	317.8
1.764	312.1
1.661	307.6
1.666	314.1
1.724	316.2
1.371	319.1
1.48	304.1
1.365	318.8
1.183	304.7
1.077	309.1
1.125	311.7
1.049	306.7
1.135	305.8
1.242	316.3
1.783	326.9
1.696	342

194.9814553	28.88
163.7633675	29.12
178.0729882	29.34
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149.9641021	29.59
186.9076557	29.45
171.8828066	29.36
184.8977039	29.22
187.9748679	29.12
142.9576428	29.09
146.8948028	29.05
147.6513318	29.05
195.7142115	29.09
170.4081994	29.08
183.0874794	29.08
195.7142115	28.83
174.6252563	28.55
167.4198452	28.3
181.1257634	28.08
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194.9814553	27.8
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163.6269725	28.34
154.7650203	28.13
178.5523232	27.96
173.3161361	27.9
188.9294126	28.19
152.3697801	28.62
151.9449052	28.94
157.0491672	29.21
147.1911034	29.38
164.1314071	29.4
186.9076557	29.16
160.955157	28.53
165.7545685	28.07
185.5005447	28.01
187.7618297	28.38
176.202409	28.67
195.7142115	28.83
190.5537426	28.94
181.6899539	28.9
168.8346381	28.69
182.5470487	28.36
170.0089535	28.21
179.7716623	28.07
186.6257896	28.35
174.1845669	28.86
172.2544374	29.35
190.2254851	29.64
163.3767931	29.81
143.1641434	29.76

1.786	311.4	185.7886529	28.76	1.952	308	177.1284437
1.431	322.6	172.5912057	29.01	1.921	316.7	188.9294126
1.188	309.4	180.5179243	29.2	1.605	304.7	170.0089535
1.375	300.3	162.1585863	29.41	1.738	296.8	157.0491672
1.82	288.4	148.1307424	29.41	2.364	283.2	144.5938692
1.884	305	170.6093072	29.26	2.385	303.7	168.0709172
2.041	315.3	193.5866754	29.16	2.797	313.6	192.2329492
2.312	315.8	191.884056	29.04	3.32	313	190.403504
1.895	312.2	188.0494405	28.97	2.645	310.6	183.6169505
2.001	283	144.4847842	28.95	2.818	279.6	142.919245
2.004	286.1	146.3962542	28.91	2.868	283.3	144.6491348
2.214	288.5	148.2125295	28.92	2.976	285.4	145.922785
2.184	310.2	182.5632711	28.95	2.705	307.8	176.6631365
2.199	303.1	166.9533691	28.94	2.72	300.1	161.8412498
1.914	308.5	178.312062	28.95	2.426	304	168.6422867
1.698	309.8	181.5304128	28.71	2.147	306.3	173.3161361
1.567	301.5	164.1314071	28.44	2.079	299	160.152474
1.596	316.8	188.6095808	28.21	1.893	313	190.403504
1.807	316.2	190.5537426	28.02	2.438	311.8	186.9076557
1.857	313.3	191.3112307	27.8	2.135	311.6	186.3453391
1.772	309.6	181.0216499	27.77	2.072	307.1	175.0703199
1.774	299.3	160.6036824	28.17	2.355	296.9	157.1826166
1.814	299.1	160.3021067	28.3	2.466	297	157.3167727
2.104	293.5	153.0256028	28.1	2.721	290	149.5052253
1.538	303	166.7703272	27.94	2.169	299.7	161.2161624
1.974	302.2	165.3383346	27.9	2.444	300.4	162.3184643
2.047	313.4	191.6169031	28.18	2.542	311.5	186.0662962
1.856	292.6	152.0502072	28.59	2.553	290.7	150.1516501
1.921	292	151.4274771	28.87	2.658	288.7	148.3777321
1.924	294.9	154.6445213	29.11	2.545	291.6	151.0243214
1.982	288.1	147.8886214	29.26	2.808	285.8	146.1902907
2.135	299.3	160.6036824	29.27	2.839	295.3	155.1304872
2.448	308.7	178.7937782	29.04	3.154	306.4	173.5316387
2.444	328.4	160.5962459	28.43	3.055	324.7	167.8465446
2.033	318.7	182.8356637	27.98	2.36	315.9	191.5488631
1.874	312.2	188.0494405	27.95	2.406	312.2	188.0494405
2.125	308.6	178.5523232	28.33	2.875	309	179.5253688
2.151	305.4	171.4237479	28.62	2.848	302.7	166.2266321
2.053	313.5	191.9241395	28.76	2.848	312.3	188.3385084
2.204	311.8	186.9076557	28.86	2.748	310.1	182.3031224
1.785	316	191.2154206	28.81	2.367	312.1	187.7618297
1.91	301.5	164.1314071	28.61	2.598	300.1	161.8412498
1.471	313.7	192.5433417	28.3	2.323	312.4	188.6290418
1.507	298.7	159.7081601	28.18	2.01	299.9	161.5271173
1.288	303.1	166.9533691	28.06	1.813	299.7	161.2161624
1.452	304.9	170.4081994	28.33	1.769	305.2	171.014516
1.099	299.2	160.4525084	28.81	1.505	300.1	161.8412498
1.351	303.3	167.3221929	29.25	1.649	303	166.7703272
1.271	310.9	184.4211537	29.5	1.673	308.1	177.3628294
1.772	320.5	177.8577632	29.67	2.381	320.7	177.3320297
1.803	337.6	147.4724086	29.6	2.289	337.1	148.034394

28.61	2.572	314.1	195.7142115	185.4758728	Yes
28.83	2.179	328.5	160.4181218	170.381444	Yes
28.99	1.805	310.3	182.824721	181.0785194	Yes
29.22	2.03	304.2	169.0279442	171.6379624	Yes
29.21	2.564	291	150.437296	146.9944661	Yes
29.05	2.656	308.9	179.2802945	174.5131415	Yes
28.94	3.22	318.9	182.2598979	184.7444574	Yes
28.81	3.67	318.4	183.7103804	186.4603991	Yes
28.78	2.979	315.2	193.9326112	185.8379098	Yes
28.77	3.126	286.9	146.9680947	144.0876437	Yes
28.74	3.023	292.1	151.529758	147.3164966	Yes
28.75	3.375	292.9	152.3697801	147.5203763	Yes
28.75	3.341	311.9	187.1909456	184.5070246	Yes
28.74	3.298	304.9	170.4081994	164.7277446	Yes
28.76	2.851	309.7	181.2753983	177.0884725	Yes
28.55	2.591	314.5	195.7142115	184.367104	Yes
28.33	2.512	305.6	171.8370419	172.4034194	Yes
28.13	2.415	319.1	181.6899539	179.4044508	Yes
27.97	2.915	316.3	190.2254851	185.3557063	Yes
27.77	2.845	317	187.9748679	178.5282397	Yes
27.75	2.539	311.1	184.9640411	186.4258536	Yes
28.13	2.766	303.6	167.8823409	162.0458997	Yes
28.21	2.692	302.9	166.5881931	159.6406561	Yes
28.06	3.102	296.1	156.1345891	152.6644523	Yes
27.93	2.346	308.1	177.3628294	170.6853054	Yes
27.91	2.82	306.6	173.9658487	168.8443257	Yes
28.19	2.865	317.2	187.3466876	185.10205	Yes
28.56	2.835	296.5	156.6530324	151.2044811	Yes
28.79	2.924	294.9	154.6445213	151.2780188	Yes
28.97	2.861	299	160.152474	153.853226	Yes
29.1	3.022	292.4	151.8402112	148.9786342	Yes
29.09	3.052	302.6	166.0471971	158.7798043	Yes
28.88	3.713	313.1	190.7045403	180.0005584	Yes
28.31	3.591	328.5	160.4181218	163.0032406	Yes
27.92	2.925	319.8	179.7400211	178.0054755	Yes
27.9	2.854	318.3	184.0049395	184.1674364	Yes
28.28	3.186	312.5	188.9210494	182.4978162	Yes
28.54	3.074	309.7	181.2753983	174.6361765	Yes
28.66	3.35	317	187.9748679	185.1550871	Yes
28.74	3.231	315.5	192.9002508	186.1141095	Yes
28.7	2.763	318.9	182.2598979	188.3067357	Yes
28.53	3.042	307.5	175.9737479	164.6503922	Yes
28.25	2.544	317.5	186.4164902	183.5821849	Yes
28.17	2.339	307.3	175.5198021	167.4491385	Yes
28.08	1.877	306.9	174.6252563	170.3682081	Yes
28.33	2.151	310.8	184.1517432	178.4592895	Yes
28.77	1.543	305.8	172.2544374	168.8786896	Yes
29.17	1.959	311.1	184.9640411	169.391396	Yes
29.38	1.872	314.9	194.9814553	183.3849703	Yes
29.55	2.46	326.3	164.548069	170.2483748	Yes
29.43	2.772	341.3	143.7762629	146.2402074	Yes

7/29/2019	15:21	30.02	0.436
7/29/2019	15:22	30.03	0.477
7/29/2019	15:23	29.97	0.427
7/29/2019	15:24	29.84	0.536
7/29/2019	15:25	29.54	0.512
7/29/2019	15:26	29.25	0.549
7/29/2019	15:27	28.83	0.625
7/29/2019	15:28	28.51	0.499
7/29/2019	15:29	28.56	0.456
7/29/2019	15:30	28.71	0.626
7/29/2019	15:31	28.83	0.504
7/29/2019	15:32	28.91	0.526
7/29/2019	15:33	28.98	0.42
7/29/2019	15:34	29.04	0.576
7/29/2019	15:35	29.16	0.43
7/29/2019	15:36	29.27	0.408
7/29/2019	15:37	29.36	0.413
7/29/2019	15:38	29.4	0.429
7/29/2019	15:39	29.48	0.391
7/29/2019	15:40	29.48	0.463
7/29/2019	15:41	29.33	0.411
7/29/2019	15:42	29.37	0.36
7/29/2019	15:43	29.49	0.476
7/29/2019	15:44	29.53	0.432
7/29/2019	15:45	29.5	0.565
7/29/2019	15:46	29.45	0.432
7/29/2019	15:47	29.44	0.447
7/29/2019	15:48	29.33	0.495
7/29/2019	15:49	28.89	0.413
7/29/2019	15:50	28.46	0.556
7/29/2019	15:51	28.15	0.361
7/29/2019	15:52	28.04	0.285
7/29/2019	15:53	27.91	0.292
7/29/2019	15:54	27.94	0.386
7/29/2019	15:55	28.26	0.494
7/29/2019	15:56	28.51	0.383
7/29/2019	15:57	28.41	0.404
7/29/2019	15:58	28.17	0.323
7/29/2019	15:59	27.89	0.444
7/29/2019	16:00	27.78	0.472
7/29/2019	16:01	28.03	0.477
7/29/2019	16:02	28.36	0.72
7/29/2019	16:03	28.6	0.535
7/29/2019	16:04	28.82	0.516
7/29/2019	16:05	29.05	0.318
7/29/2019	16:06	29.28	0.438
7/29/2019	16:07	29.19	0.454
7/29/2019	16:08	29.02	0.443
7/29/2019	16:09	29.05	0.837
7/29/2019	16:10	28.83	0.645
7/29/2019	16:11	28.34	0.387

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331.3	155.7749165	30.22
337.4	147.6953406	30.09
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4.866	135.7706342	29.61
347.6	139.1784222	29.32
331.3	155.7749165	28.9
328.8	159.8890273	28.51
313.9	195.7142115	28.6
333.2	152.9777221	28.82
332.8	153.5442409	28.94
338.4	146.6051528	29.02
335.3	150.1891937	29.09
343.4	142.0185516	29.16
329.3	159.0245589	29.31
323.1	171.416365	29.43
309	179.5253688	29.5
306	172.6759748	29.55
327.8	161.6837458	29.63
310.1	182.3031224	29.61
309.6	181.0216499	29.42
329.5	158.684756	29.47
304	168.6422867	29.63
326.5	164.1537804	29.69
314.6	195.7142115	29.6
318.8	182.5470487	29.53
322.2	173.55231	29.52
341.8	143.3363204	29.41
336.2	149.0856146	28.87
342.5	142.7430964	28.34
321.8	174.5327325	27.98
325.2	166.7876462	27.96
319.7	180.0143756	27.92
325.3	166.5789856	28
327.7	161.8681603	28.43
336.8	148.379085	28.77
312.4	188.6290418	28.66
311.2	185.2375331	28.34
324.7	167.8465446	28.01
328.1	161.1359522	27.86
319.3	181.1257634	28.17
300.8	162.9661204	28.57
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304	168.6422867	29.59
307.6	176.202409	29.46
321.1	176.2962446	29.18
298.6	159.5615734	29.22
310.6	183.6169505	29.01
311	184.6919171	28.44

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1.743	331.8
1.779	328.2
2.063	345.9
1.426	350.9
1.737	351.1
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1.851	323.9
1.478	316.7
2.063	330.5
1.807	334.6
1.703	343.7
1.568	337.9
1.67	348.9
1.416	321.3
1.524	323.5
1.643	304.9
1.551	310.8
1.418	325.8
1.728	321.7
1.607	313.3
1.449	322.1
1.608	310
1.815	323
1.916	316.7
1.732	322.3
1.718	319.9
1.797	339.2
1.749	341.8
1.82	344.3
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1.263	328
1.45	327.7
1.461	329.2
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1.585	333.9
1.669	324.7
1.496	318.6
1.888	326.9
1.653	331.7
1.619	315.8
1.897	310.8
1.507	312.1
1.452	313.7
1.253	309.8
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1.491	308.3
1.774	327.3
1.991	299.4
2.284	310.9
1.687	317.7

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155.0123664	29.73
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140.2234999	29.43
137.5349652	29.12
137.4512019	28.88
149.2056183	28.49
169.5961403	28.17
188.9294126	28.37
157.0357721	28.59
151.0848301	28.7
141.786421	28.77
147.1426245	28.83
138.471433	28.89
175.7860767	29.05
170.4972397	29.14
170.4081994	29.19
184.1517432	29.23
165.5509953	29.3
174.7809062	29.25
191.3112307	29.08
173.7955882	29.15
182.0442679	29.34
171.6490075	29.38
188.9294126	29.27
173.3102392	29.19
179.4670474	29.17
145.7762909	29.01
143.3363204	28.46
141.3360215	27.99
150.3151193	27.73
161.3176459	27.76
161.8681603	27.74
159.1957351	27.87
153.2595242	28.31
152.0140384	28.61
167.8465446	28.43
183.1257514	28.13
163.3767931	27.82
155.1633342	27.74
191.884056	28.07
184.1517432	28.45
187.7618297	28.68
192.5433417	28.88
181.5304128	29.11
166.4069628	29.32
177.8350956	29.15
162.6150149	28.9
160.7556316	28.95
184.4211537	28.73
185.8042924	28.2

1.752	337.5	147.5835656	29.58	2.36	334.6	151.0848301
2.139	327.2	162.8040494	29.56	2.639	324.4	168.49455
2.229	326.8	163.5696028	29.43	2.61	322.1	173.7955882
2.442	344.4	141.262737	29.29	3.105	342.5	142.7430964
1.786	352.5	136.9142707	28.99	2.365	349.5	138.1714606
2.327	351.6	137.249547	28.8	2.947	348.9	138.471433
2.376	335.4	150.0639356	28.45	3.109	332.1	154.5640391
2.064	323.1	171.416365	28.14	3.019	319.6	180.290119
1.905	316.2	190.5537426	28.35	2.45	313.7	192.5433417
2.585	328.8	159.8890273	28.57	3.199	327.3	162.6150149
2.469	330.6	156.8753741	28.67	2.906	330.9	156.3989918
2.345	342.3	142.9099119	28.73	2.792	339.3	145.6753339
1.93	338.6	146.3943767	28.78	2.586	336.4	148.8475437
2.236	347.1	139.4714437	28.84	2.638	343.2	142.1758963
1.81	322.9	171.8828066	28.99	2.172	318.2	184.3010071
1.882	319.4	180.8458047	29.07	2.416	315.1	194.2803784
1.879	304	168.6422867	29.1	2.589	302.8	166.4069628
1.898	306.1	172.8883094	29.13	2.42	305.9	172.4646859
1.775	322.6	172.5912057	29.18	2.126	321.9	174.2857928
2.003	320.5	177.8577632	29.14	2.591	317.7	185.8042924
1.793	308.6	178.5523232	28.97	2.617	306.6	173.9658487
1.71	316.7	188.9294126	29.05	2.144	317.2	187.3466876
1.742	305.4	171.4237479	29.24	2.455	302.4	165.6909983
2.196	319.1	181.6899539	29.28	2.595	316.6	189.2509084
2.202	315.6	192.5597384	29.16	2.909	313.1	190.7045403
2.097	318.9	182.2598979	29.05	2.591	316.3	190.2254851
1.988	317.5	186.4164902	29.03	2.69	313.9	195.7142115
2.023	339.5	145.4751667	28.86	2.749	336.6	148.6120398
2.161	341.5	143.5986496	28.35	2.781	339.1	145.8778326
2.362	344.2	141.4098131	27.93	2.835	342.2	142.9941199
1.92	333.1	153.1182603	27.71	2.348	330.3	157.3589946
1.516	322.3	173.3102392	27.76	1.998	317.4	186.7249594
1.708	322.8	172.1177686	27.76	2.297	321.5	175.2809825
1.756	325.2	166.7876462	27.88	2.242	322.7	172.3538995
1.757	331.3	155.7749165	28.3	2.308	330.3	157.3589946
2.056	332.9	153.4015168	28.56	2.466	331.6	155.3150699
2.271	320	179.1954466	28.38	2.693	317.5	186.4164902
1.622	311.9	187.1909456	28.1	2.429	310.7	183.8836779
2.248	323.2	171.184873	27.81	3.036	323.5	170.4972397
2.142	326.4	164.3504379	27.76	2.608	325.7	165.7545685
1.949	315.9	191.5488631	28.07	2.565	311.8	186.9076557
2.294	307.8	176.6631365	28.41	2.884	307.6	176.202409
1.867	309	179.5253688	28.59	2.304	307.4	175.7462142
1.915	311.3	185.5124012	28.74	2.373	309.5	180.7691609
1.371	304.2	169.0279442	28.93	1.864	301	163.294883
1.851	299.4	160.7556316	29.12	2.45	297.2	157.5872152
1.831	304.9	170.4081994	28.96	2.442	301	163.294883
2.377	323.7	170.0444603	28.74	2.562	321.2	176.0405229
2.656	299.3	160.6036824	28.83	3.263	295.1	154.8861795
2.866	309.6	181.0216499	28.65	3.6	308.5	178.312062
1.988	313.2	191.0071128	28.13	2.821	310.8	184.1517432

29.4	2.689	340.9	144.1380905	148.5335296	Yes
29.4	3.027	328.8	159.8890273	160.5214706	Yes
29.28	3.353	329.4	158.8542338	161.5039221	Yes
29.12	3.724	347.5	139.23608	141.8270491	Yes
28.86	2.724	353.7	136.5220169	137.0978327	Yes
28.72	3.604	352.2	137.0220917	138.087651	Yes
28.41	3.836	336.6	148.6120398	152.4021274	Yes
28.14	3.296	325.3	166.5789856	170.2979129	Yes
28.35	2.936	320.1	178.9252109	191.9351771	Yes
28.54	3.834	332.2	154.4161117	158.1293841	Yes
28.62	3.729	334.8	150.8255466	154.4758592	Yes
28.68	3.573	343.8	141.7100752	144.2442049	Yes
28.73	3.001	341.2	143.8658923	148.1434346	Yes
28.78	3.327	348.5	138.6806025	140.5343312	Yes
28.93	2.744	325	167.2080708	172.7486123	Yes
28.99	2.845	320.9	176.811543	179.259947	Yes
28.99	2.883	308.3	177.8350956	171.2457044	Yes
29.03	2.777	312.2	188.0494405	175.5451783	Yes
29.09	2.52	324.8	167.6326681	168.5279349	Yes
29.05	3.099	323	171.6490075	180.1865211	Yes
28.89	2.804	315.7	192.2210107	181.2127631	Yes
28.98	2.556	320.9	176.811543	177.1891111	Yes
29.17	2.669	309.5	180.7691609	171.9503252	Yes
29.2	3.101	321.4	175.5328989	176.6859125	Yes
29.04	3.396	318.1	184.5985921	191.9769757	Yes
28.94	3.033	322.3	173.3102392	182.0856677	Yes
28.92	3.007	320.6	177.5942369	183.7875148	Yes
28.75	3.1	340.5	144.5088047	145.7999544	Yes
28.29	3.337	344	141.5589225	145.4746043	Yes
27.94	3.739	346.6	139.7763685	142.1207627	Yes
27.76	2.974	335.7	149.6921424	158.8312767	Yes
27.82	2.19	323.6	170.2702897	172.0351227	Yes
27.82	2.653	326.9	163.3767931	172.3203217	Yes
27.93	2.496	330	157.8499471	166.2290666	Yes
28.33	2.598	336	149.3262707	157.0653989	Yes
28.54	3.109	335.7	149.6921424	152.2774275	Yes
28.37	3.208	323	171.6490075	180.5218808	Yes
28.14	2.729	315.8	191.884056	184.859477	Yes
27.87	3.414	328.6	160.24088	168.2263626	Yes
27.83	3.061	330.2	157.5218261	161.6010732	Yes
28.1	2.965	317.7	185.8042924	187.8665845	Yes
28.4	3.102	314.1	195.7142115	174.9958523	Yes
28.56	2.652	314.8	195.3347893	179.866404	Yes
28.69	2.735	315.7	192.2210107	185.6771454	Yes
28.87	2.032	309	179.5253688	174.5685984	Yes
29.04	2.752	304.1	168.8346381	163.3480241	Yes
28.89	2.936	306	172.6759748	171.9351468	Yes
28.7	3.32	326.4	164.3504379	171.2490607	Yes
28.79	3.855	301.3	163.7942737	158.9517667	Yes
28.61	4.217	313	190.403504	181.842954	Yes
28.11	3.133	316.7	188.9294126	186.4137664	Yes

7/29/2019	16:12	27.98	0.436
7/29/2019	16:13	27.7	0.375
7/29/2019	16:14	27.64	0.391
7/29/2019	16:15	27.93	0.377
7/29/2019	16:16	28.26	0.427
7/29/2019	16:17	28.5	0.4
7/29/2019	16:18	28.7	0.457
7/29/2019	16:19	28.85	0.448
7/29/2019	16:20	28.9	0.432
7/29/2019	16:21	28.88	0.444
7/29/2019	16:22	28.78	0.443
7/29/2019	16:23	28.48	0.403
7/29/2019	16:24	28.12	0.46
7/29/2019	16:25	27.98	0.385
7/29/2019	16:26	28.18	0.524
7/29/2019	16:27	28.36	0.827
7/29/2019	16:28	28.54	0.555
7/29/2019	16:29	28.63	0.866
7/29/2019	16:30	28.62	0.894
7/29/2019	16:31	28.63	0.597
7/29/2019	16:32	28.66	0.627
7/29/2019	16:33	28.66	0.63
7/29/2019	16:34	28.69	0.533
7/29/2019	16:35	28.78	0.56
7/29/2019	16:36	28.84	0.595
7/29/2019	16:37	28.84	0.474
7/29/2019	16:38	28.85	0.492
7/29/2019	16:39	28.85	0.513
7/29/2019	16:40	28.86	0.483
7/29/2019	16:41	28.78	0.691
7/29/2019	16:42	28.65	0.494
7/29/2019	16:43	28.62	0.488
7/29/2019	16:44	28.66	0.512
7/29/2019	16:45	28.69	0.379
7/29/2019	16:46	28.73	0.591
7/29/2019	16:47	28.72	0.57
7/29/2019	16:48	28.69	0.588
7/29/2019	16:49	28.63	0.512
7/29/2019	16:50	28.54	0.784
7/29/2019	16:51	28.5	0.69
7/29/2019	16:52	28.48	0.694
7/29/2019	16:53	28.44	0.492
7/29/2019	16:54	28.45	0.509
7/29/2019	16:55	28.46	0.605
7/29/2019	16:56	28.41	0.703
7/29/2019	16:57	28.36	0.468
7/29/2019	16:58	28.4	0.675
7/29/2019	16:59	28.39	0.549
7/29/2019	17:00	28.4	0.369
7/29/2019	17:01	28.43	0.515
7/29/2019	17:02	28.49	0.441

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311.9	187.1909456	27.75
320.9	176.811543	27.7
325.9	165.3484246	28.09
307.6	176.202409	28.55
313.9	195.7142115	28.85
322.7	172.3538995	29.08
326.7	163.7633675	29.25
323.1	171.416365	29.28
331	156.2417902	29.26
317.1	187.6599662	29.15
320.6	177.5942369	28.8
323	171.6490075	28.35
325.6	165.9591491	28.17
320.3	178.3888034	28.47
308.1	177.3628294	28.76
315.1	194.2803784	29.01
305.8	172.2544374	29.12
300.8	162.9661204	29.09
330.2	157.5218261	29.1
331.9	154.8621634	29.13
327.7	161.8681603	29.13
338.6	146.3943767	29.18
334.2	151.6116385	29.3
341.1	143.9560723	29.39
338	147.0339187	29.4
342.4	142.8262379	29.41
339.4	145.5749597	29.4
329.7	158.3483275	29.4
317.9	185.1983516	29.27
325.3	166.5789856	29.08
318.6	183.1257514	28.98
326.7	163.7633675	29
330.3	157.3589946	29
323.6	170.2702897	29.01
313.5	191.9241395	28.97
313.7	192.5433417	28.9
314.8	195.3347893	28.79
302.3	165.5142265	28.67
298.9	160.0036074	28.6
318	184.8977039	28.56
302.6	166.0471971	28.51
315.7	192.2210107	28.5
314.9	194.9814553	28.51
319.3	181.1257634	28.46
321.8	174.5327325	28.41
301.5	164.1314071	28.45
312.4	188.6290418	28.45
323	171.6490075	28.46
310.9	184.4211537	28.49
326.9	163.3767931	28.55

1.611	313.8
1.546	322
1.727	320.8
1.485	326
1.759	313.9
1.689	322
1.686	328.5
2.127	333.5
1.754	326.5
1.926	330.4
1.847	328.2
1.897	328.9
1.555	328.5
1.41	324.7
2.209	318.3
2.075	311.6
1.918	321.8
2.271	310.1
2.059	306.7
2.189	327.9
2.249	327.8
2.291	323.5
1.686	336.1
1.684	332.9
1.646	340.6
1.942	343.7
1.767	340.9
1.826	339.6
1.983	331.2
2.407	321.6
2.055	324.6
1.734	324.9
1.892	324.8
1.723	321.7
1.779	325
1.783	313.8
2.095	312.6
1.962	310.6
1.92	308.4
2.039	305
2.153	308.4
1.816	305.6
1.945	317.2
2.11	318
2.358	314.7
1.722	316.7
2.024	307.3
2.154	319.5
1.822	320.9
1.888	315.6
1.822	315.3

195.7142115	27.84
174.0400802	27.58
177.0711342	27.58
165.1468514	27.99
195.7142115	28.41
174.0400802	28.66
160.4181218	28.86
152.5604335	28.98
164.1537804	28.98
157.1969778	28.91
160.955157	28.8
159.7144084	28.44
160.4181218	28.03
167.8465446	27.93
184.0049395	28.25
186.3453391	28.54
174.5327325	28.76
182.3031224	28.82
174.1845669	28.79
161.5002424	28.78
161.6837458	28.8
170.4972397	28.8
149.2056183	28.85
153.4015168	28.95
144.4152874	29
141.786421	28.97
144.1380905	28.98
145.3759529	28.98
155.9297559	28.99
175.0303206	28.89
168.0614801	28.76
167.4198452	28.73
167.6326681	28.8
174.7809062	28.85
167.2080708	28.87
195.7142115	28.85
189.2145397	28.81
183.6169505	28.72
178.0729882	28.63
170.6093072	28.59
178.0729882	28.56
171.8370419	28.52
187.3466876	28.52
184.8977039	28.53
195.6900033	28.48
188.9294126	28.44
175.5198021	28.47
180.5672593	28.46
176.811543	28.45
192.5597384	28.48
193.5866754	28.53

2.046	311.5	186.0662962	27.8	2.622	308.9	179.2802945
2.002	317.8	185.5005447	27.59	2.515	314.7	195.6900033
2.061	317.1	187.6599662	27.59	2.755	316.3	190.2254851
1.892	322.7	172.3538995	27.98	2.236	320.5	177.8577632
2.134	311.1	184.9640411	28.35	2.851	308.9	179.2802945
2.248	320	179.1954466	28.56	2.666	316.5	189.5740787
2.102	323.9	169.5961403	28.72	2.539	322.8	172.1177686
2.659	332.3	154.2689366	28.83	3.253	330.4	157.1969778
2.287	325.1	166.9973396	28.81	2.66	321.6	175.0303206
2.457	327.4	162.4269132	28.74	3.08	324.9	167.4198452
2.439	324.8	167.6326681	28.65	3.015	322.3	173.3102392
2.491	325.4	166.3713526	28.33	3.235	322.2	173.55231
2.317	321.5	175.2809825	27.96	2.681	319.6	180.290119
1.964	321.4	175.5328989	27.89	2.287	317.4	186.7249594
2.463	314.9	194.9814553	28.2	3.393	314.5	195.7142115
2.539	308.6	178.5523232	28.47	3.225	306.9	174.6252563
2.26	317.5	186.4164902	28.67	2.88	314.5	195.7142115
2.917	307.1	175.0703199	28.71	3.729	305.4	171.4237479
2.811	305.5	171.6298847	28.67	3.403	301.7	164.4719393
2.736	324.9	167.4198452	28.66	3.409	323.2	171.184873
2.529	324.7	167.8465446	28.68	3.471	323.3	170.9545255
2.679	321.7	174.7809062	28.68	3.524	319.8	179.7400211
2.183	334.5	151.2154981	28.73	2.611	329.1	159.3677662
2.096	330.7	156.7157803	28.82	2.597	328.2	160.955157
2.196	338.3	146.7114396	28.86	2.59	335.3	150.1891937
2.146	341.2	143.8658923	28.82	2.91	340.5	144.5088047
2.059	337.6	147.4724086	28.84	2.534	336.4	148.8475437
2.233	337.9	147.1426245	28.83	2.77	337.4	147.6953406
2.27	327.2	162.8040494	28.84	2.963	323.9	169.5961403
2.726	320.8	177.0711342	28.76	3.721	319.5	180.5672593
2.435	320.6	177.5942369	28.65	3.307	318	184.8977039
2.272	319.9	179.4670474	28.62	2.725	316.9	188.2914027
2.433	321.5	175.2809825	28.69	2.915	316.9	188.2914027
1.817	320.5	177.8577632	28.73	2.539	314.9	194.9814553
2.292	323.7	170.0444603	28.75	2.704	317.1	187.6599662
2.173	309.7	181.2753983	28.73	2.858	307.5	175.9737479
2.507	310.5	183.3515534	28.7	3.269	307.7	176.4322033
2.36	308.8	179.0364331	28.62	3.176	305.1	170.8114111
2.548	305.6	171.8370419	28.55	3.174	301.8	164.6434892
2.422	301.8	164.6434892	28.52	3.222	299.8	161.3712442
2.745	306.8	174.4043676	28.51	3.521	303.6	167.8823409
2.417	305.2	171.014516	28.48	3.075	300.8	162.9661204
2.35	311.2	185.2375331	28.47	3.079	310.1	182.3031224
2.802	312.7	189.5095215	28.49	3.347	311.9	187.1909456
2.978	312.1	187.7618297	28.45	3.587	311.8	186.9076557
2.261	314.6	195.7142115	28.41	2.677	309.7	181.2753983
2.502	304.9	170.4081994	28.44	3.313	302.7	166.2266321
2.583	314.7	195.6900033	28.42	3.321	313.8	195.7142115
2.297	315.4	193.2425592	28.41	2.917	313.3	191.3112307
2.263	310.6	183.6169505	28.43	2.928	308.6	178.5523232
2.133	311.4	185.7886529	28.47	2.735	308.3	177.8350956

27.82	3.054	315.3	193.5866754	185.2081161	Yes
27.65	3.077	319.5	180.5672593	185.6053935	Yes
27.65	3.128	321.2	176.0405229	182.9420321	Yes
28.01	2.73	324.6	168.0614801	170.1767347	Yes
28.36	3.248	314.3	195.7142115	184.040239	Yes
28.52	3.368	319.5	180.5672593	184.6309543	Yes
28.69	2.919	329	159.540656	168.6214825	Yes
28.77	3.96	334	151.8792052	156.9474288	Yes
28.74	3.529	327.7	161.8681603	169.3994514	Yes
28.67	3.793	329.6	158.5161218	160.8213816	Yes
28.6	3.841	326.1	164.946271	172.3895076	Yes
28.31	3.852	327.3	162.6150149	169.308077	Yes
27.98	3.393	324.5	168.2774801	171.9095577	Yes
27.92	2.893	323.1	171.416365	174.015888	Yes
28.21	3.679	319.1	181.6899539	188.2723524	Yes
28.46	3.739	313.4	191.6169031	179.221437	Yes
28.63	3.491	320.2	178.6563324	187.7359532	Yes
28.64	4.399	310.6	183.6169505	175.2629069	Yes
28.61	4.262	308.5	178.312062	168.3131278	Yes
28.59	4.206	327.2	162.8040494	164.4066967	Yes
28.61	3.946	327.5	162.2397397	163.8367448	Yes
28.61	4.071	324.8	167.6326681	171.7215818	Yes
28.67	3.168	334.2	151.6116385	151.5458148	Yes
28.75	3.172	335.1	150.441715	155.6710232	Yes
28.76	3.221	340.2	144.7927354	146.3179982	Yes
28.72	3.294	345.1	140.7638403	144.2987592	Yes
28.75	2.983	341.8	143.3363204	145.8210702	Yes
28.74	3.238	340.2	144.7927354	146.4472194	Yes
28.77	3.389	329.8	158.1813694	161.6695683	Yes
28.68	4.19	324.1	169.1522337	179.4667664	Yes
28.59	3.663	324.5	168.2774801	174.2831016	Yes
28.57	3.357	321.4	175.5328989	179.5760117	Yes
28.63	3.453	321.7	174.7809062	173.7421052	Yes
28.67	2.891	321.7	174.7809062	176.2447798	Yes
28.67	3.472	322.9	171.8828066	173.7956967	Yes
28.65	3.359	313.2	191.0071128	186.2218743	Yes
28.62	3.64	313.7	192.5433417	185.3854095	Yes
28.56	3.651	310.4	183.0874794	182.199896	Yes
28.51	3.739	307.8	176.6631365	170.0169364	Yes
28.49	3.528	305.9	172.4646859	164.156912	Yes
28.49	4.064	310	182.0442679	176.3143502	Yes
28.46	3.812	308.8	179.0364331	167.9662189	Yes
28.45	3.493	314.1	195.7142115	186.7770885	Yes
28.47	3.846	316.7	188.9294126	189.1449066	Yes
28.44	4.184	316.6	189.2509084	187.871313	Yes
28.41	3.215	314.5	195.7142115	185.1129387	Yes
28.43	3.81	308.1	177.3628294	169.0715102	Yes
28.41	3.799	318.4	183.7103804	190.150129	Yes
28.4	3.418	318.7	182.8356637	183.2535851	Yes
28.42	3.305	313.9	195.7142115	184.7875415	Yes
28.45	3.145	313.9	195.7142115	180.1468043	Yes

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7/29/2019	17:08	28.66	0.414
7/29/2019	17:09	28.64	0.483
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7/29/2019	17:11	28.56	0.472
7/29/2019	17:12	28.52	0.448
7/29/2019	17:13	28.55	0.473
7/29/2019	17:14	28.51	0.416
7/29/2019	17:15	28.46	0.538
7/29/2019	17:16	28.43	0.45
7/29/2019	17:17	28.42	0.439
7/29/2019	17:18	28.38	0.534
7/29/2019	17:19	28.34	0.532
7/29/2019	17:20	28.3	0.432
7/29/2019	17:21	28.31	0.453
7/29/2019	17:22	28.33	0.492
7/29/2019	17:23	28.33	0.396
7/29/2019	17:24	28.39	0.504
7/29/2019	17:25	28.4	0.486
7/29/2019	17:26	28.38	0.459
7/29/2019	17:27	28.36	0.478
7/29/2019	17:28	28.29	0.583
7/29/2019	17:29	28.22	0.483
7/29/2019	17:30	28.16	0.602
7/29/2019	17:31	28.13	0.487
7/29/2019	17:32	28.14	0.362
7/29/2019	17:33	28.17	0.397
7/29/2019	17:34	28.19	0.435
7/29/2019	17:35	28.19	0.412
7/29/2019	17:36	28.19	0.457
7/29/2019	17:37	28.19	0.406
7/29/2019	17:38	28.19	0.449
7/29/2019	17:39	28.19	0.399
7/29/2019	17:40	28.2	0.432
7/29/2019	17:41	28.24	0.355
7/29/2019	17:42	28.28	0.34
7/29/2019	17:43	28.34	0.416
7/29/2019	17:44	28.35	0.401
7/29/2019	17:45	28.32	0.506
7/29/2019	17:46	28.3	0.382
7/29/2019	17:47	28.29	0.384
7/29/2019	17:48	28.32	0.506
7/29/2019	17:49	28.28	0.429
7/29/2019	17:50	28.26	0.513
7/29/2019	17:51	28.19	0.602
7/29/2019	17:52	28.13	0.467
7/29/2019	17:53	28.11	0.412

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338.3	146.7114396	28.93
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342.5	142.7430964	28.9
351.9	137.1338452	28.97
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344.5	141.1899582	28.93
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347.5	139.23608	28.92
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346	140.1581671	28.96
341	144.0468045	28.98
347.8	139.0645196	28.93
340.2	144.7927354	28.91
332.9	153.4015168	28.81
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326	165.1468514	28.61
328.9	159.7144084	28.62
332.6	153.8318952	28.68
333.1	153.1182603	28.76
341.1	143.9560723	28.77
348.1	138.8971847	28.77
354.6	136.2684311	28.79
327.4	162.4269132	28.79
347.6	139.1784222	28.79
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346.7	139.7144254	29.01
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346.3	139.9650888	28.95
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346.4	139.9016992	29.03
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1.568	340
1.649	344.4
1.745	345
1.938	344.2
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1.705	347.7
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1.842	354
1.782	346
1.749	338.4
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1.515	335.5
1.798	345.2
1.671	347.3
1.921	338.8
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1.722	345
1.673	340.2
1.671	331.4
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1.619	342.7
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1.781	340.4
2.119	341.2
2.252	345.8
1.792	347.7
1.462	344.4

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140.8336095	28.58
141.4098131	28.54
138.6806025	28.52
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136.1185285	28.49
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153.9768314	28.43
149.9393426	28.41
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146.1859844	28.44
141.6342428	28.41
145.1792559	28.33
150.0639356	28.27
151.7450728	28.21
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149.4475739	28.25
142.0185516	28.31
145.1792559	28.32
140.1581671	28.32
137.171973	28.33
147.9207527	28.33
142.6604859	28.32
140.8336095	28.34
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139.7144254	28.41
142.5784051	28.42
139.2942101	28.46
144.6028841	28.42
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140.2893212	28.31
139.1212357	28.26
141.262737	28.28

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2.029	318.9	182.2598979	28.55	2.509	314.4	195.7142115
2.131	324.1	169.1522337	28.56	2.449	320	179.1954466
2.023	339.3	145.6753339	28.57	2.253	336.1	149.2056183
2.265	333.8	152.1495751	28.61	2.957	335.5	149.9393426
2.146	344.2	141.4098131	28.6	2.199	340.6	144.4152874
2.556	334.9	150.6969261	28.6	2.934	335.5	149.9393426
2.19	339	145.9799608	28.52	2.727	336.5	148.729472
2.01	338.7	146.2898835	28.5	2.457	335.5	149.9393426
1.959	343.4	142.0185516	28.54	2.473	341.9	143.249962
2.137	342.3	142.9099119	28.51	2.646	342.5	142.7430964
2.487	340.9	144.1380905	28.48	2.809	340.9	144.1380905
1.905	349.3	138.2696225	28.46	2.395	349.8	138.0276292
2.262	349.3	138.2696225	28.45	2.485	347.5	139.23608
2.076	351.9	137.1338452	28.43	2.421	350.7	137.6205085
2.126	354.8	136.2167669	28.42	2.845	353.6	136.5523328
2.047	343.8	141.7100752	28.37	2.716	342.3	142.9099119
2.051	334.9	150.6969261	28.37	2.659	334.5	151.2154981
2.344	330	157.8499471	28.37	2.896	327.6	162.0534901
1.778	333	153.2595242	28.33	2.272	332.7	153.6876994
2.164	340.9	144.1380905	28.37	2.56	342.3	142.9099119
2.326	342.8	142.4968525	28.41	2.636	344.1	141.484113
2.218	336.1	149.2056183	28.37	2.856	336.3	148.9662571
2.192	341.1	143.9560723	28.32	2.805	340.6	144.4152874
2.752	334.6	151.0848301	28.27	3.39	333.3	152.8379067
2.241	331	156.2417902	28.21	2.666	330.2	157.5218261
2.746	328.6	160.24088	28.17	3.533	326.6	163.9580918
2.351	325.2	166.7876462	28.15	3.086	325	167.2080708
1.951	330.3	157.3589946	28.15	2.258	326.4	164.3504379
1.96	330.2	157.5218261	28.18	2.242	328.9	159.7144084
2.285	337.6	147.4724086	28.24	2.669	339.3	145.6753339
2.19	336.1	149.2056183	28.25	2.564	335.1	150.441715
2.185	344.3	141.3360215	28.26	2.773	342.1	143.0788632
2.058	353.3	136.6458601	28.26	2.66	352.3	136.9857152
2.382	333.6	152.4227699	28.27	3.151	332.1	154.5640391
1.996	341.3	143.7762629	28.27	2.325	340.7	144.3223303
2.076	341	144.0468045	28.28	2.377	339	145.9799608
1.879	339.6	145.3759529	28.32	2.396	336.7	148.4952449
1.83	324	169.3736382	28.35	2.267	322.3	173.3102392
1.907	333.4	152.6988115	28.39	2.533	332	154.712722
2.082	335.1	150.441715	28.38	2.644	334.1	151.7450728
2.213	341.6	143.5106627	28.34	2.493	338.6	146.3943767
1.664	343.1	142.25535	28.32	2.036	343.4	142.0185516
1.669	341.8	143.3363204	28.33	2.251	340.5	144.5088047
1.896	346.9	139.5919783	28.35	2.373	344.5	141.1899582
2.084	338	147.0339187	28.31	2.552	337.1	148.034394
2.396	339.1	145.8778326	28.28	3.01	336.8	148.379085
2.584	344	141.5589225	28.22	3.135	342.5	142.7430964
2.05	344	141.5589225	28.19	2.596	342.3	142.9099119
1.631	342.1	143.0788632	28.21	1.965	338.3	146.7114396

28.47	2.783	317.9	185.1983516	180.4995756	Yes
28.51	3.247	320.8	177.0711342	185.4860045	Yes
28.5	2.901	321.2	176.0405229	174.314278	Yes
28.52	3.201	325.1	166.9973396	166.7667996	Yes
28.54	2.897	342.2	142.9941199	145.5860994	Yes
28.58	3.146	340.9	144.1380905	149.2377058	Yes
28.57	3.008	346.3	139.9650888	141.9311601	Yes
28.57	3.56	338.1	146.9258206	147.9876481	Yes
28.5	3.185	342.5	142.7430964	145.1857453	Yes
28.47	3.038	340.3	144.6975271	145.9892943	Yes
28.51	2.963	348.2	138.8423412	140.9162739	Yes
28.49	3.163	346.7	139.7144254	141.8126145	Yes
28.47	3.455	345.2	140.6945686	142.6299009	Yes
28.45	2.902	354.7	136.2423866	139.0419531	Yes
28.44	3.373	350.9	137.5349652	141.7671633	Yes
28.43	2.861	356.2	135.9024875	137.5272406	Yes
28.42	3.398	356.1	135.9221983	137.3240159	Yes
28.38	3.042	347.8	139.0645196	141.5285439	Yes
28.38	3.015	339.7	145.2773166	148.07346	Yes
28.37	3.533	335	150.5689831	156.5757596	Yes
28.33	2.669	336.4	148.8475437	149.0162471	Yes
28.36	3.102	344.9	140.9038772	141.9751845	Yes
28.4	3.387	347.9	139.008273	141.8451459	Yes
28.35	3.404	341.6	143.5106627	145.8555949	Yes
28.31	3.322	345.4	140.557513	143.6995845	Yes
28.27	4.101	338.6	146.3943767	150.6258774	Yes
28.22	3.448	334.9	150.6969261	153.8266129	Yes
28.18	4.045	329.9	158.0152438	160.0736206	Yes
28.16	3.372	331.7	155.1633342	164.8901726	Yes
28.16	2.997	332.7	153.6876994	157.5975245	Yes
28.18	2.888	335	150.5689831	155.1289259	Yes
28.25	3.264	341.1	143.9560723	147.0711386	Yes
28.26	3.171	340.6	144.4152874	147.1956654	Yes
28.27	3.302	346.6	139.7763685	140.8675591	Yes
28.27	3.168	353.7	136.5220169	136.7679948	Yes
28.28	3.515	336.7	148.4952449	154.3336187	Yes
28.29	2.879	345.6	140.4224336	142.4843753	Yes
28.3	2.929	343.6	141.8632814	142.8375254	Yes
28.34	2.908	340.3	144.6975271	145.9364256	Yes
28.36	2.652	329.1	159.3677662	160.1400213	Yes
28.39	2.803	339.2	145.7762909	148.7053249	Yes
28.38	2.928	340.2	144.7927354	146.8241609	Yes
28.34	3.162	344.4	141.262737	143.9374664	Yes
28.32	2.466	348.8	138.5230334	140.988354	Yes
28.33	2.45	347.4	139.2942101	142.2366409	Yes
28.35	2.989	347.9	139.008273	139.9944615	Yes
28.31	3.079	339.7	145.2773166	146.115983	Yes
28.28	3.462	341.6	143.5106627	147.4669707	Yes
28.22	3.806	346.7	139.7144254	142.4671642	Yes
28.22	3.12	347.5	139.23608	141.5217307	Yes
28.23	2.31	344.7	141.0459134	142.8355902	Yes

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7/29/2019	18:08	27.85	0.608
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7/29/2019	18:14	27.87	0.42
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7/29/2019	18:29	27.89	0.485
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7/29/2019	18:44	27.29	0.61

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346.3	139.9650888	28.39
353.3	136.6458601	28.4
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346.5	139.8387928	28.49
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346	140.1581671	28.51
345	140.8336095	28.64
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345	140.8336095	28.75
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329.9	158.0152438	28.52
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344.9	140.9038772	28.42
346.4	139.9016992	28.43
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351.1	137.4512019	28.46
346.9	139.5919783	28.47
346.5	139.8387928	28.41
351	137.4928614	28.4
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344.4	141.262737	28.31
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349.7	138.0751192	28.13
345.6	140.4224336	28.02
351	137.4928614	27.93
340.9	144.1380905	27.88

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1.356	339.1
1.352	337.3
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1.624	341.5
2.272	341.7
1.999	332.9
2.12	340.8
1.92	343.7
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2.153	337.6
2.177	345.2
1.982	349.3
1.585	354.3
1.457	343.4
1.991	348.3
2.14	338.4
1.729	341.3
1.565	345.6
1.54	339.8
1.568	346.4
1.693	353.5
1.296	349.5
1.603	345.1
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1.646	342.9
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1.145	348.2
1.383	348.2
1.653	347
2.125	348.8
2.03	327.9
1.681	346.3
1.485	342.2
1.912	343.4
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1.494	353
1.928	349
1.859	347.5
1.724	348.4
1.897	344.4
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1.659	344.9
1.629	344.1
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1.76	349.7
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2.103	349.5
1.673	347.4
2.291	347.3

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143.4232201	28.49
153.4015168	28.38
144.2299319	28.25
141.786421	28.17
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138.2696225	27.96
136.3491176	27.96
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145.1792559	27.99
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140.7638403	27.91
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142.0185516	27.96
137.9805921	27.94
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138.734051	27.91
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141.484113	27.81
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140.2234999	27.7
138.1714606	27.63
139.2942101	27.54
139.3528135	27.5

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1.733	333.4	152.6988115	28.36	2.245	330.8	156.5569873
1.31	335.5	149.9393426	28.4	1.767	334.3	151.4788997
1.606	331.7	155.1633342	28.46	1.894	331.5	155.4675767
1.701	335.4	150.0639356	28.5	2.166	335.3	150.1891937
1.895	336.1	149.2056183	28.44	2.404	335.8	149.5695304
2.607	340.5	144.5088047	28.34	3.363	337.3	147.8077356
2.331	326.9	163.3767931	28.26	2.929	325.8	165.5509953
2.311	335.3	150.1891937	28.15	2.945	334.4	151.3468538
2.148	339.5	145.4751667	28.06	2.923	339.2	145.7762909
2.421	345.7	140.355632	27.99	3.04	342.1	143.0788632
2.533	333	153.2595242	27.94	3.332	331.3	155.7749165
2.399	342.6	142.6604859	27.9	3.106	343	142.3353263
2.157	346.7	139.7144254	27.89	2.892	345.2	140.6945686
2.063	353.6	136.5523328	27.88	2.288	350.1	137.8878733
1.698	337.4	147.6953406	27.91	2.1	336.9	148.2635581
2.091	344.2	141.4098131	27.92	2.753	343	142.3353263
2.528	332.2	154.4161117	27.9	3.111	330.9	156.3989918
2.022	334.8	150.8255466	27.86	2.41	332.6	153.8318952
1.816	338.5	146.4994658	27.83	2.173	338	147.0339187
1.776	332	154.712722	27.87	1.9	330.5	157.0357721
1.685	338.2	146.8183282	27.92	2.034	337.6	147.4724086
2.013	350.3	137.796957	27.87	2.421	348.6	138.6276173
1.401	344.1	141.484113	27.77	1.543	341.5	143.5986496
1.679	339.6	145.3759529	27.76	2.188	339.5	145.4751667
1.725	331.6	155.3150699	27.79	2.414	331.9	154.8621634
2.015	333.4	152.6988115	27.81	2.328	332.7	153.6876994
1.276	342.8	142.4968525	27.85	1.417	342.1	143.0788632
1.347	343.2	142.1758963	27.93	1.46	343.8	141.7100752
1.549	345.9	140.2234999	28	1.895	345.2	140.6945686
1.766	339.8	145.1792559	28.02	2.249	340.8	144.2299319
2.252	344.2	141.4098131	28.01	3.005	342.9	142.4158267
2.409	322	174.0400802	27.95	3.086	322.4	173.0693692
1.771	343.3	142.096964	27.9	2.298	340.2	144.7927354
1.595	337	148.1486618	27.85	2.008	334.3	151.4788997
2.064	337.2	147.9207527	27.87	2.669	336.6	148.6120398
1.528	343.6	141.8632814	27.84	2.054	343.3	142.096964
1.453	355.7	136.0052434	27.87	1.968	350.3	137.796957
2.036	345.4	140.557513	27.88	2.752	343.7	141.786421
1.957	344.9	140.9038772	27.84	2.541	342	143.1641434
1.728	344	141.5589225	27.82	2.288	342.2	142.9941199
2.119	339	145.9799608	27.81	2.703	334.7	150.9548471
1.68	341.8	143.3363204	27.76	2.227	338.8	146.1859844
1.535	343	142.3353263	27.74	2.326	339.6	145.3759529
1.805	343.7	141.786421	27.7	2.348	339.4	145.5749597
1.761	346	140.1581671	27.68	2.391	342.3	142.9099119
1.943	349.4	138.2203136	27.66	2.532	344.6	141.1176841
2.536	344	141.5589225	27.63	3.059	342.4	142.8262379
2.339	347.1	139.4714437	27.59	2.967	343.2	142.1758963
1.887	344.2	141.4098131	27.49	2.387	340	144.9848547
2.387	345.4	140.557513	27.47	3.175	346.5	139.8387928

28.3	2.426	334.3	151.4788997	150.3129652	Yes
28.37	2.652	336.6	148.6120398	149.9310385	Yes
28.4	2.054	342.3	142.9099119	146.576087	Yes
28.45	2.426	335.6	149.8154124	149.2275199	Yes
28.49	2.514	339.9	145.0817692	146.1390201	Yes
28.42	2.881	341.3	143.7762629	145.0539971	Yes
28.32	3.943	341.5	143.5986496	144.8346025	Yes
28.26	3.519	330.1	157.6854758	157.6770976	Yes
28.15	3.351	339.8	145.1792559	147.3855606	Yes
28.06	3.239	346.8	139.6529623	142.5149926	Yes
28	3.588	347.6	139.1784222	140.400734	Yes
27.97	3.733	336.4	148.8475437	150.2072949	Yes
27.94	3.612	347.5	139.23608	141.3822934	Yes
27.94	3.217	350.8	137.577514	139.6609263	Yes
27.93	2.994	353.7	136.5220169	136.8587959	Yes
27.96	2.431	342.4	142.8262379	144.6853226	Yes
27.96	3.11	351	137.4928614	140.8416781	Yes
27.94	3.697	333.9	152.0140384	152.2913323	Yes
27.91	3.013	338.2	146.8183282	147.9860919	Yes
27.88	2.675	342.1	143.0788632	144.5927763	Yes
27.92	2.524	337.9	147.1426245	152.4414142	Yes
27.97	2.433	343.6	141.8632814	143.5553497	Yes
27.92	3.227	351.2	137.4099861	137.8956868	Yes
27.81	1.997	346.6	139.7763685	140.6814167	Yes
27.8	2.64	342.8	142.4968525	142.8634382	Yes
27.85	2.67	338.6	146.3943767	151.966804	Yes
27.87	2.891	337.7	147.3618674	148.1896025	Yes
27.91	1.962	347.9	139.008273	141.0772443	Yes
28	1.925	346.9	139.5919783	140.8904805	Yes
28.07	2.27	348.1	138.8971847	140.6052239	Yes
28.09	2.646	345	140.8336095	142.4435674	Yes
28.1	3.308	346.9	139.5919783	140.9211737	Yes
28.03	3.513	328	161.3176459	166.6562339	Yes
27.99	2.555	346.3	139.9650888	141.6269376	Yes
27.94	2.458	341.4	143.6871825	145.8813897	Yes
27.97	3.007	341.6	143.5106627	144.6132608	Yes
27.95	2.339	348.3	138.7879636	139.8174301	Yes
27.98	2.287	355.5	136.0492916	136.9991673	Yes
28	3.082	349	138.4202926	140.0890512	Yes
27.95	2.82	349.2	138.3193881	140.7857234	Yes
27.93	2.611	347	139.5314724	140.1949887	Yes
27.93	3.085	340.3	144.6975271	146.4174884	Yes
27.88	2.571	343	142.3353263	142.8149479	Yes
27.86	2.464	345	140.8336095	142.4694734	Yes
27.83	2.723	345.8	140.2893212	141.8682778	Yes
27.8	2.735	348.3	138.7879636	140.3954233	Yes
27.78	3.072	350.4	137.7521729	138.836781	Yes
27.76	3.751	347	139.5314724	140.6709449	Yes
27.72	3.643	347.9	139.008273	140.0603085	Yes
27.61	2.875	345.2	140.6945686	140.7954348	Yes
27.6	3.686	350.2	137.8421902	140.9718025	Yes

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7/29/2019	18:47	27.16	0.69
7/29/2019	18:48	27.1	0.662
7/29/2019	18:49	27.07	0.596
7/29/2019	18:50	27.04	0.497
7/29/2019	18:51	27.04	0.511
7/29/2019	18:52	27.03	0.525
7/29/2019	18:53	27.01	0.459
7/29/2019	18:54	26.97	0.456
7/29/2019	18:55	26.95	0.408
7/29/2019	18:56	26.93	0.434
7/29/2019	18:57	26.91	0.518
7/29/2019	18:58	26.88	0.526
7/29/2019	18:59	26.87	0.668
7/29/2019	19:00	26.85	0.537
7/29/2019	19:01	26.82	0.427
7/29/2019	19:02	26.78	0.524
7/29/2019	19:03	26.76	0.565
7/29/2019	19:04	26.74	0.731
7/29/2019	19:05	26.71	0.377
7/29/2019	19:06	26.67	0.377
7/29/2019	19:07	26.63	0.535
7/29/2019	19:08	26.6	0.402
7/29/2019	19:09	26.55	0.574
7/29/2019	19:10	26.52	0.48
7/29/2019	19:11	26.49	0.396
7/29/2019	19:12	26.45	0.387
7/29/2019	19:13	26.4	0.403
7/29/2019	19:14	26.35	0.381
7/29/2019	19:15	26.32	0.468
7/29/2019	19:16	26.29	0.385
7/29/2019	19:17	26.26	0.416
7/29/2019	19:18	26.21	0.268
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7/29/2019	19:20	26.16	0.215
7/29/2019	19:21	26.12	0.338
7/29/2019	19:22	26.08	0.295
7/29/2019	19:23	26.03	0.238
7/29/2019	19:24	25.99	0.285
7/29/2019	19:25	25.96	0.419
7/29/2019	19:26	25.92	0.312
7/29/2019	19:27	25.9	0.248
7/29/2019	19:28	25.85	0.268
7/29/2019	19:29	25.79	0.208
7/29/2019	19:30	25.74	0.213
7/29/2019	19:31	25.66	0.197
7/29/2019	19:32	25.59	0.281
7/29/2019	19:33	25.51	0.281
7/29/2019	19:34	25.44	0.212
7/29/2019	19:35	25.38	0.334

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345	140.8336095	27.62
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339.8	145.1792559	27.59
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336.2	149.0856146	27.54
343	142.3353263	27.53
339.1	145.8778326	27.51
342.9	142.4158267	27.48
339.6	145.3759529	27.45
340.9	144.1380905	27.42
344.9	140.9038772	27.4
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354.1	136.4050401	27.31
350.3	137.796957	27.3
351.9	137.1338452	27.27
345.1	140.7638403	27.23
345.5	140.4897269	27.19
343.6	141.8632814	27.15
351.7	137.21054	27.12
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349.9	137.9805921	27.06
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337.2	147.9207527	26.93
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351	137.4928614	26.9
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356.8	135.7930238	26.81
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350.3	137.796957	26.58
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348.8	138.5230334	26.41
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349.2	138.3193881	26.2

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1.794	346.5
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1.938	347.5
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1.473	346.7
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2.133	344.7
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1.417	345
1.427	341.2
1.839	344.3
1.372	337.6
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1.583	345.1
1.355	340.8
1.273	341.5
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1.195	345.2
1.273	345.7
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1.159	347.4
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0.819	341.4
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0.989	344.4
0.981	341.2
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0.912	343.8
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0.767	345.4
0.78	344.8
0.823	346.1

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139.8387928	27.2
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141.0459134	27.03
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140.8336095	27
143.8658923	26.95
141.3360215	26.91
147.4724086	26.9
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140.7638403	26.82
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140.355632	26.63
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2.38	348	138.952495	27.44	3.06	346.2	140.0289626
2.533	342.2	142.9941199	27.38	3.199	340.7	144.3223303
2.282	351.3	137.3692134	27.31	2.642	349	138.4202926
2.187	346.9	139.5919783	27.28	2.766	344.8	140.9746448
1.81	343.1	142.25535	27.25	2.493	339.9	145.0817692
1.798	340.6	144.4152874	27.24	2.595	336.4	148.8475437
2.197	340	144.9848547	27.23	2.936	337.7	147.3618674
2.012	344.2	141.4098131	27.22	2.59	343	142.3353263
1.971	345.6	140.4224336	27.18	2.363	340.1	144.8885107
2.04	341.4	143.6871825	27.16	2.59	341.2	143.8658923
1.764	344.7	141.0459134	27.14	2.248	341.9	143.249962
1.938	341	144.0468045	27.12	2.528	335.5	149.9393426
2.016	345.4	140.557513	27.1	2.439	343	142.3353263
2.375	346.3	139.9650888	27.12	2.943	346.2	140.0289626
2.034	345.5	140.4897269	27.1	2.495	343.2	142.1758963
1.783	345.6	140.4224336	27.06	2.159	340.8	144.2299319
1.715	345.1	140.7638403	27.01	2.219	341.7	143.4232201
2.246	342.8	142.4968525	27.01	3.147	340.8	144.2299319
2.244	354.1	136.4050401	27	2.991	351.6	137.249547
1.614	343.7	141.786421	27	2.196	342.1	143.0788632
1.632	338.8	146.1859844	26.91	2.074	337.3	147.8077356
2.143	343.2	142.1758963	26.87	2.701	341.2	143.8658923
1.617	337.5	147.5835656	26.87	2.217	333.4	152.6988115
1.917	345.3	140.6257933	26.82	2.258	343.9	141.6342428
1.792	345.3	140.6257933	26.8	2.384	341.7	143.4232201
1.603	337.6	147.4724086	26.74	2.019	333.9	152.0140384
1.569	339.6	145.3759529	26.69	1.993	337.9	147.1426245
1.517	345.8	140.2893212	26.64	1.695	342	143.1641434
1.62	342.6	142.6604859	26.6	1.821	339.8	145.1792559
1.625	344.9	140.9038772	26.6	1.955	342.2	142.9941199
1.625	340.9	144.1380905	26.58	1.994	338.5	146.4994658
1.534	346.2	140.0289626	26.54	1.653	342.2	142.9941199
1.201	340.2	144.7927354	26.49	1.686	336.9	148.2635581
1.201	339.7	145.2773166	26.46	1.57	335.6	149.8154124
1.057	338.5	146.4994658	26.43	1.407	334.1	151.7450728
1.29	344.1	141.484113	26.39	1.77	341.5	143.5986496
1.233	345.3	140.6257933	26.37	1.505	338.2	146.8183282
1.025	347.9	139.008273	26.32	1.306	339.3	145.6753339
1.312	344.9	140.9038772	26.29	1.586	341.7	143.4232201
1.438	349.5	138.1714606	26.31	1.875	345.1	140.7638403
1.314	344.5	141.1899582	26.29	1.614	342.7	142.5784051
1.23	338.1	146.9258206	26.24	1.464	335.4	150.0639356
1.146	342.3	142.9099119	26.21	1.424	339.4	145.5749597
1.094	340.9	144.1380905	26.14	1.437	337.8	147.2519401
1.023	339.7	145.2773166	26.08	1.375	338.4	146.6051528
1.094	342.9	142.4158267	26.01	1.343	338.7	146.2898835
1.077	344.6	141.1176841	25.94	1.33	342.5	142.7430964
1.1	343.8	141.7100752	25.88	1.327	342.2	142.9941199
1.01	343.9	141.6342428	25.81	1.302	340.8	144.2299319
1.162	344.4	141.262737	25.77	1.485	344	141.5589225

27.62	3.769	0.369	135.4513169	136.1225886	Yes
27.6	3.724	348.4	138.734051	139.817408	Yes
27.53	3.58	346	140.1581671	142.2464159	Yes
27.45	3.259	352.7	136.8445673	139.504114	Yes
27.42	3.103	350.4	137.7521729	140.0202088	Yes
27.4	2.817	346.5	139.8387928	143.6524387	Yes
27.39	2.798	343.9	141.6342428	143.6652706	Yes
27.38	3.289	343.1	142.25535	144.1944921	Yes
27.37	2.993	348.5	138.6806025	141.9416841	Yes
27.33	2.949	347	139.5314724	141.4055345	Yes
27.31	2.839	345.6	140.4224336	144.1193706	Yes
27.29	2.682	347.3	139.3528135	141.4813529	Yes
27.27	2.902	342.6	142.6604859	145.6934729	Yes
27.25	2.964	345.3	140.6257933	141.3344072	Yes
27.28	3.464	348.1	138.8971847	141.1515211	Yes
27.25	2.991	349.2	138.3193881	141.3447021	Yes
27.21	2.68	345.3	140.6257933	141.317667	Yes
27.17	2.53	346.6	139.7763685	141.0202344	Yes
27.18	3.407	345	140.8336095	141.9990494	Yes
27.17	3.246	356.9	135.7762441	136.65299	Yes
27.18	2.471	345.6	140.4224336	140.8739627	Yes
27.08	2.455	342	143.1641434	143.7483644	Yes
27.06	3.338	346.1	140.0933217	142.0354126	Yes
27.05	2.508	340.1	144.8885107	147.0611281	Yes
27.01	2.805	347	139.5314724	141.0867043	Yes
26.99	2.768	346.7	139.7144254	140.5058484	Yes
26.94	2.397	338.8	146.1859844	146.2631001	Yes
26.88	2.336	343.3	142.096964	143.5244548	Yes
26.83	2.349	346.2	140.0289626	140.7160054	Yes
26.78	2.347	343.2	142.1758963	142.599398	Yes
26.79	2.539	346.3	139.9650888	140.3189302	Yes
26.78	2.383	342.9	142.4158267	145.1442151	Yes
26.74	2.274	347.2	139.411891	139.9867184	Yes
26.68	1.812	343.1	142.25535	144.7659521	Yes
26.67	1.803	341.7	143.4232201	144.86862	Yes
26.64	1.612	339.2	145.7762909	145.6928296	Yes
26.63	1.963	345.3	140.6257933	140.2883933	Yes
26.6	1.827	344.7	141.0459134	141.4160754	Yes
26.54	1.573	346.1	140.0933217	141.0409533	Yes
26.53	1.998	345.2	140.6945686	140.8319014	Yes
26.56	2.146	350.3	137.796957	138.7377989	Yes
26.52	1.959	347.1	139.4714437	141.1107478	Yes
26.49	1.836	341	144.0468045	145.3875543	Yes
26.44	1.683	344.6	141.1176841	142.3228467	Yes
26.37	1.566	342.7	142.5784051	142.7242657	Yes
26.31	1.57	345.3	140.6257933	143.6317036	Yes
26.25	1.671	345.3	140.6257933	143.0515148	Yes
26.19	1.643	347.5	139.23608	140.7183852	Yes
26.14	1.59	347.1	139.4714437	142.2819001	Yes
26.06	1.496	346	140.1581671	141.3275631	Yes
26.04	1.766	346.4	139.9016992	140.3085923	Yes

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7/29/2019	19:37	25.27	0.246
7/29/2019	19:38	25.2	0.198
7/29/2019	19:39	25.14	0.26
7/29/2019	19:40	25.09	0.22
7/29/2019	19:41	25.03	0.19
7/29/2019	19:42	24.98	0.198
7/29/2019	19:43	24.94	0.207
7/29/2019	19:44	24.9	0.213
7/29/2019	19:45	24.86	0.162
7/29/2019	19:46	24.82	0.28
7/29/2019	19:47	24.78	0.247
7/29/2019	19:48	24.73	0.308
7/29/2019	19:49	24.67	0.246
7/29/2019	19:50	24.61	0.255
7/29/2019	19:51	24.58	0.315
7/29/2019	19:52	24.51	0.224
7/29/2019	19:53	24.47	0.361
7/29/2019	19:54	24.41	0.255
7/29/2019	19:55	24.34	0.272
7/29/2019	19:56	24.27	0.191
7/29/2019	19:57	24.2	0.202
7/29/2019	19:58	24.12	0.254
7/29/2019	19:59	24.07	0.218
7/29/2019	20:00	24	0.231
7/29/2019	20:01	23.96	0.275
7/29/2019	20:02	23.98	0.311
7/29/2019	20:03	23.92	0.161
7/29/2019	20:04	23.83	0.159
7/29/2019	20:05	23.73	0.212
7/29/2019	20:06	23.64	0.223
7/29/2019	20:07	23.54	0.214
7/29/2019	20:08	23.42	0.154
7/29/2019	20:09	23.32	0.179
7/29/2019	20:10	23.21	0.159
7/29/2019	20:11	23.11	0.116
7/29/2019	20:12	23.01	0.136
7/29/2019	20:13	22.91	0.148
7/29/2019	20:14	22.83	0.154
7/29/2019	20:15	22.75	0.175
7/29/2019	20:16	22.68	0.133
7/29/2019	20:17	22.62	0.128
7/29/2019	20:18	22.55	0.114
7/29/2019	20:19	22.49	0.098
7/29/2019	20:20	22.44	0.088
7/29/2019	20:21	22.39	0.072
7/29/2019	20:22	22.34	0.053
7/29/2019	20:23	22.3	0.055
7/29/2019	20:24	22.25	0.069
7/29/2019	20:25	22.18	0.072
7/29/2019	20:26	22.11	0.067

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353.1	136.7103661	26.08
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350	137.9340071	25.93
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339.2	145.7762909	25.87
353.3	136.6458601	25.82
353.2	136.6778973	25.77
337.1	148.034394	25.72
350.5	137.7078372	25.65
345.8	140.2893212	25.59
352.2	137.0220917	25.51
353.2	136.6778973	25.43
350.7	137.6205085	25.37
347.9	139.008273	25.34
346.3	139.9650888	25.25
352.9	136.7766005	25.18
354	136.4336422	25.11
351.7	137.21054	25.02
348.8	138.5230334	24.94
350	137.9340071	24.86
353.2	136.6778973	24.78
355.9	135.9628798	24.72
352.3	136.9857152	24.65
350.4	137.7521729	24.6
355.2	136.1185285	24.61
345.3	140.6257933	24.55
355.7	136.0052434	24.46
358.2	135.5960285	24.36
2.312	135.4866404	24.24
3.058	135.5416278	24.13
9.47	136.9748873	24
6.249	136.0378991	23.88
3.913	135.6329944	23.75
7.994	136.4903506	23.62
0.84	135.4455743	23.5
358.3	135.5850754	23.39
3.612	135.5973708	23.29
3.31	135.5654068	23.2
4.02	135.6465645	23.12
3.934	135.6356202	23.03
2.183	135.4794651	22.94
358	135.6191797	22.86
355.3	136.0950271	22.77
351.7	137.21054	22.7
282.2	144.0675996	22.63
288.4	148.1307424	22.55
276.7	142.0017483	22.47
275.5	141.7313339	22.37
272.3	141.3169846	22.28

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0.67	346.9
0.726	343.3
0.582	338.1
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0.642	343.4
0.59	342.2
0.693	335.9
0.828	350.1
0.762	348.4
0.834	347.9
0.674	349.7
0.705	343.6
1.029	342.9
0.87	341.4
0.986	348.2
0.82	351
0.856	343.4
0.792	342.6
0.773	344.9
0.863	348.3
0.812	351.4
0.797	352.7
0.962	351.7
0.9	351.9
0.707	350.8
0.534	354.6
0.559	358.6
0.602	5.128
0.597	7.713
0.555	9.28
0.59	9.87
0.448	11.56
0.38	9.63
0.4	9.09
0.394	4.247
0.5	4.067
0.54	7.247
0.469	8.59
0.443	3.301
0.411	6.428
0.354	356.3
0.308	353.8
0.365	346.7
0.171	316.2
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0.196	289.7
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0.226	276.7

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139.1784222	25.71
140.2234999	25.65
139.5919783	25.61
142.096964	25.58
146.9258206	25.54
140.2234999	25.51
142.0185516	25.48
142.9941199	25.43
149.4475739	25.38
137.8878733	25.35
138.734051	25.33
139.008273	25.29
138.0751192	25.2
141.8632814	25.14
142.4158267	25.14
143.6871825	25.06
138.8423412	25.02
137.4928614	24.97
142.0185516	24.89
142.6604859	24.8
140.9038772	24.72
138.7879636	24.66
137.328883	24.61
136.8445673	24.56
137.21054	24.56
137.1338452	24.64
137.577514	24.55
136.2684311	24.44
135.5547035	24.33
135.8151117	24.25
136.4087342	24.16
136.9072221	24.03
137.1224924	23.94
137.824043	23.82
137.0330898	23.69
136.8411277	23.57
135.6769295	23.47
135.6526756	23.4
136.2808189	23.35
136.6746742	23.29
135.5645122	23.23
136.0783678	23.17
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139.7144254	22.98
190.5537426	22.91
169.5961403	22.83
149.2366877	22.75
142.2173074	22.65
142.0017483	22.55

1.005	345.5	140.4897269	25.75	1.28	339.9	145.0817692
0.97	346.9	139.5919783	25.68	1.136	343.3	142.096964
0.941	343.4	142.0185516	25.62	1.163	344.2	141.4098131
0.991	346.7	139.7144254	25.58	1.187	346.3	139.9650888
0.882	344.7	141.0459134	25.54	1.228	340.2	144.7927354
0.871	341.6	143.5106627	25.51	1.056	341.5	143.5986496
0.969	342.3	142.9099119	25.49	1.195	343.2	142.1758963
0.866	343.2	142.1758963	25.48	1.147	342.9	142.4158267
0.848	342.4	142.8262379	25.43	0.997	344	141.5589225
0.889	336.5	148.729472	25.37	1.229	338.4	146.6051528
1.137	345.8	140.2893212	25.37	1.374	346.3	139.9650888
1.128	350.7	137.6205085	25.37	1.217	348.3	138.7879636
1.031	347.6	139.1784222	25.36	1.341	346	140.1581671
0.948	349.4	138.2203136	25.29	1.11	346.8	139.6529623
0.969	344.1	141.484113	25.23	1.142	344.8	140.9746448
1.196	344.4	141.262737	25.26	1.53	339.4	145.5749597
1.08	340.8	144.2299319	25.18	1.37	339.6	145.3759529
1.239	346.5	139.8387928	25.16	1.418	345.8	140.2893212
0.998	351	137.4928614	25.1	1.23	346.7	139.7144254
1.025	344	141.5589225	25.02	1.258	343.5	141.9406579
0.901	343.5	141.9406579	24.94	1.172	343.1	142.25535
0.959	344.2	141.4098131	24.84	1.126	343.8	141.7100752
1.072	349.6	138.1230627	24.79	1.288	345.4	140.557513
1.038	347.4	139.2942101	24.75	1.199	347.1	139.4714437
0.923	350.2	137.8421902	24.72	1.139	350.2	137.8421902
1.11	351.9	137.1338452	24.74	1.36	350.9	137.5349652
1.031	350.8	137.577514	24.85	1.293	349.2	138.3193881
0.763	349.3	138.2696225	24.76	1.048	349.3	138.2696225
0.673	358.2	135.5960285	24.64	0.816	355.6	136.0270567
0.792	4.031	135.6479865	24.55	0.884	358.8	135.5365272
0.802	7.831	136.4425957	24.49	0.964	6.174	136.0213447
0.674	9.19	136.8757186	24.41	0.957	7.835	136.443754
0.634	11.63	137.8558479	24.3	0.938	10.74	137.4678124
0.615	11.29	137.7034283	24.23	0.934	9.77	137.0849349
0.524	12.62	138.3293961	24.15	0.801	11.8	137.9340071
0.472	13.02	138.5334088	24.03	0.736	9.9	137.1338452
0.492	10.31	137.2929634	23.93	0.744	8.38	136.6079843
0.537	4.534	135.71839	23.86	0.78	4.6	135.7284098
0.523	7.962	136.4808856	23.79	0.832	4.53	135.7177886
0.61	8.75	136.7267625	23.76	0.87	7.282	136.2901049
0.503	9.58	137.0147815	23.72	0.838	7.933	136.4723459
0.492	7.684	136.4005035	23.7	0.807	4.733	135.749153
0.478	8.49	136.64268	23.65	0.785	6.084	136.0017923
0.468	357.4	135.6986053	23.59	0.676	0.783	135.4457824
0.428	358.3	135.5850754	23.54	0.648	359	135.5200067
0.449	345.7	140.355632	23.49	0.632	349.5	138.1714606
0.275	313.1	190.7045403	23.39	0.423	320.6	177.5942369
0.265	309.3	180.2679334	23.29	0.411	315.3	193.5866754
0.31	292.7	152.156119	23.2	0.421	302.7	166.2266321
0.324	284	145.0495749	23.09	0.465	292.1	151.529758
0.333	282.3	144.1180804	22.99	0.478	289.6	149.1482972

26.01	1.611	346	140.1581671	142.9125611	Yes
25.94	1.414	348.4	138.734051	139.3944327	Yes
25.89	1.415	349.7	138.0751192	140.1776924	Yes
25.88	1.501	350.2	137.8421902	139.2338605	Yes
25.84	1.379	346.1	140.0933217	141.4674049	Yes
25.82	1.348	347	139.5314724	143.5646582	Yes
25.8	1.45	346.9	139.5919783	142.7713998	Yes
25.8	1.371	348.4	138.734051	140.8140337	Yes
25.74	1.31	348.5	138.6806025	141.0142944	Yes
25.7	1.449	343.8	141.7100752	148.2041482	Yes
25.71	1.624	350.3	137.796957	138.9625301	Yes
25.71	1.625	355.1	136.1424529	138.857961	Yes
25.69	1.597	350.7	137.6205085	138.8417385	Yes
25.62	1.469	352.2	137.0220917	138.1565731	Yes
25.59	1.49	349.8	138.0276292	140.4856369	Yes
25.64	1.785	346.2	140.0289626	142.0654491	Yes
25.53	1.605	346.7	139.7144254	143.314539	Yes
25.5	1.676	348.2	138.8423412	138.9367639	Yes
25.42	1.511	351.9	137.1338452	137.7834476	Yes
25.35	1.556	348.5	138.6806025	140.682168	Yes
25.28	1.427	350.3	137.796957	141.3448818	Yes
25.23	1.476	349.4	138.2203136	140.4894432	Yes
25.18	1.65	351	137.4928614	138.5366092	Yes
25.15	1.542	351.5	137.2889944	138.0143541	Yes
25.1	1.448	357.5	135.6843278	137.3786657	Yes
25.12	1.625	355.2	136.1185285	137.4078808	Yes
25.23	1.563	354.8	136.2167669	137.287319	Yes
25.15	1.227	356	135.9423289	138.6856381	Yes
25.04	1.133	0.715	135.446206	135.9741899	Yes
24.98	1.301	3.136	135.5487069	135.5838114	Yes
24.92	1.327	8.1	136.5220169	135.9414231	Yes
24.86	1.216	9.87	137.1224924	136.3174587	Yes
24.81	1.274	13.13	138.5908029	137.3014424	Yes
24.76	1.228	11.02	137.5860772	136.9871887	Yes
24.69	1.14	13.77	138.9358529	137.4301101	Yes
24.61	1.126	11.7	137.8878733	137.2976736	Yes
24.53	1.108	10.57	137.3977078	136.5469124	Yes
24.47	1.119	6.618	136.1228037	135.6772012	Yes
24.44	1.157	8.27	136.5738095	135.8621802	Yes
24.41	1.169	8.97	136.8001916	136.2157733	Yes
24.39	1.179	8.65	136.6940777	136.4520915	Yes
24.41	1.191	7.467	136.3400544	135.8374472	Yes
24.36	1.136	8.05	136.5070199	136.0505763	Yes
24.29	1.089	4.683	135.7412682	135.6616909	Yes
24.29	1.065	3.302	135.5646114	135.9230598	Yes
24.21	0.988	355.9	135.9628798	138.8630145	Yes
24.04	0.692	341.8	143.3363204	175.7300299	Yes
23.92	0.688	335.1	150.441715	172.8953729	Yes
23.82	0.67	327	163.184934	152.4052968	Yes
23.74	0.727	315.1	194.2803784	145.1319935	Yes
23.68	0.716	314.1	195.7142115	144.1462776	Yes

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7/29/2019	20:32	21.77	0.098
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7/29/2019	20:52	21.27	0.108
7/29/2019	20:53	21.26	0.099
7/29/2019	20:54	21.24	0.067
7/29/2019	20:55	21.23	0.067
7/29/2019	20:56	21.22	0.071
7/29/2019	20:57	21.21	0.051
7/29/2019	20:58	21.2	0.102
7/29/2019	20:59	21.19	0.116
7/29/2019	21:00	21.18	0.114
7/29/2019	21:01	21.17	0.084
7/29/2019	21:02	21.16	0.113
7/29/2019	21:03	21.14	0.119
7/29/2019	21:04	21.12	0.174
7/29/2019	21:05	21.1	0.187
7/29/2019	21:06	21.08	0.194
7/29/2019	21:07	21.07	0.22
7/29/2019	21:08	21.06	0.24
7/29/2019	21:09	21.04	0.197
7/29/2019	21:10	21.04	0.204
7/29/2019	21:11	21.03	0.188
7/29/2019	21:12	21.02	0.214
7/29/2019	21:13	21.02	0.239
7/29/2019	21:14	21.03	0.18
7/29/2019	21:15	21	0.192
7/29/2019	21:16	20.99	0.179
7/29/2019	21:17	20.96	0.225

275.5	141.7313339	22.21
275.8	141.7930115	22.13
280.9	143.4541915	22.06
286.7	146.8220309	21.99
287.9	147.7298938	21.93
291.4	150.8262993	21.88
288.6	148.294859	21.83
294.1	153.7040237	21.8
286.2	146.4659307	21.75
294.3	153.9352634	21.7
296.3	156.3924283	21.64
293.6	153.1370917	21.58
292.4	151.8402112	21.53
301.7	164.4719393	21.49
309.2	180.0191816	21.46
305.2	171.014516	21.44
311.3	185.5124012	21.42
304.5	169.6136358	21.4
300.4	162.3184643	21.38
300.1	161.8412498	21.36
285.4	145.922785	21.35
295.2	155.008001	21.33
292.6	152.0502072	21.32
290.9	150.341502	21.3
284.5	145.3502763	21.28
302	164.9891752	21.28
305.3	171.2186266	21.27
295.1	154.8861795	21.26
311.7	186.6257896	21.25
317.4	186.7249594	21.24
320.3	178.3888034	21.22
309	179.5253688	21.21
303.6	167.8823409	21.22
297.7	158.2758734	21.22
294.7	154.4054945	21.21
298.1	158.8398912	21.2
295.1	154.8861795	21.19
289.7	149.2366877	21.18
287.9	147.7298938	21.18
285.1	145.7274513	21.18
284.5	145.3502763	21.17
288.6	148.294859	21.17
282.8	144.3776216	21.17
287.6	147.4958051	21.16
281.1	143.5434164	21.16
285.1	145.7274513	21.16
283.5	144.7611164	21.16
285.2	145.7920604	21.15
283.4	144.7048835	21.13
281.9	143.9189973	21.1
288.6	148.294859	21.07

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0.265	286.4
0.279	289.9
0.275	294.1
0.309	298.5
0.284	303.7
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0.281	305.4
0.311	292.6
0.282	299.2
0.332	293.2
0.291	298.6
0.3	295.5
0.288	305.2
0.281	316
0.282	315.5
0.261	315.4
0.214	315.7
0.197	315.5
0.172	308.4
0.16	309.8
0.15	321
0.163	327.3
0.151	322.2
0.163	319.9
0.218	310.1
0.224	312.7
0.169	313.7
0.198	318.9
0.195	323.6
0.2	324.5
0.215	314.9
0.226	310.2
0.205	307.1
0.211	311.8
0.211	301.3
0.221	303.5
0.288	299
0.264	290.5
0.337	285.5
0.358	281.9
0.33	282.9
0.364	280.8
0.356	282.2
0.377	278.8
0.382	277.7
0.372	278.4
0.371	277.7
0.363	277.2
0.369	277.6
0.352	281.8

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146.6068237	22.41
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153.7040237	22.28
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168.0709172	22.18
169.2222095	22.14
171.4237479	22.11
152.0502072	22.06
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152.6948941	21.91
159.5615734	21.83
155.3774631	21.75
171.014516	21.7
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192.9002508	21.66
193.2425592	21.66
192.2210107	21.64
192.9002508	21.62
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181.5304128	21.58
176.5532489	21.55
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173.55231	21.51
179.4670474	21.5
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189.5095215	21.49
192.5433417	21.49
182.2598979	21.49
170.2702897	21.48
168.2774801	21.47
194.9814553	21.49
182.5632711	21.5
175.0703199	21.51
186.9076557	21.51
163.7942737	21.5
167.6946976	21.5
160.152474	21.5
149.9641021	21.51
145.9889028	21.53
143.9189973	21.56
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144.0675996	21.58
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142.4938547	21.55
142.2756368	21.52
142.1331484	21.49
142.2462495	21.45
143.8704074	21.4

0.306	278.6	142.5602372	22.9	0.462	285.6	146.0555256
0.391	286.8	146.8948028	22.81	0.557	290.4	149.8711879
0.437	289.9	149.4151502	22.76	0.62	293.6	153.1370917
0.446	292.6	152.0502072	22.71	0.63	295.1	154.8861795
0.452	295.3	155.1304872	22.68	0.639	298.6	159.5615734
0.42	298.8	159.8555038	22.65	0.624	301.4	163.9624173
0.412	300.3	162.1585863	22.62	0.602	304.1	168.8346381
0.42	301.1	163.4605101	22.61	0.587	303.4	167.507983
0.401	289.8	149.3256382	22.52	0.553	285.3	145.8571712
0.409	295.3	155.1304872	22.41	0.575	291.9	151.3257947
0.436	293.3	152.8045061	22.29	0.616	289.2	148.8003043
0.413	296.2	156.2631643	22.17	0.604	292.1	151.529758
0.412	292.7	152.156119	22.07	0.589	289.1	148.7146909
0.45	301.9	164.8158999	22.01	0.609	302.5	165.8686538
0.436	309.2	180.0191816	22.02	0.614	310.6	183.6169505
0.432	313.5	191.9241395	22.05	0.616	315.7	192.2210107
0.411	317	187.9748679	22.06	0.551	320.1	178.9252109
0.331	315.9	191.5488631	22.04	0.473	321	176.5532489
0.266	313.6	192.2329492	22	0.414	318.6	183.1257514
0.271	307.5	175.9737479	21.95	0.382	313.8	195.7142115
0.238	307.4	175.7462142	21.91	0.353	311.2	185.2375331
0.223	315.1	194.2803784	21.88	0.339	315.8	191.884056
0.233	321.8	174.5327325	21.84	0.326	319.5	180.5672593
0.208	324.5	168.2774801	21.83	0.311	320.5	177.8577632
0.231	319.6	180.290119	21.81	0.299	314.3	195.7142115
0.29	308.5	178.312062	21.8	0.356	304.7	170.0089535
0.317	307.2	175.2945059	21.8	0.38	302.7	166.2266321
0.217	307.6	176.202409	21.79	0.342	296.9	157.1826166
0.272	314	195.7142115	21.79	0.358	305.4	171.4237479
0.314	320.3	178.3888034	21.78	0.377	312	187.4756675
0.307	321.9	174.2857928	21.78	0.376	315.8	191.884056
0.325	315.6	192.5597384	21.8	0.407	312.4	188.6290418
0.376	309.7	181.2753983	21.81	0.422	309.4	180.5179243
0.341	307.6	176.202409	21.83	0.447	308.9	179.2802945
0.312	309.4	180.5179243	21.86	0.463	316.3	190.2254851
0.321	305.4	171.4237479	21.9	0.484	311.6	186.3453391
0.322	305.4	171.4237479	21.92	0.502	313.8	195.7142115
0.364	300.9	163.1300876	21.96	0.529	309.5	180.7691609
0.406	295.8	155.7529709	21.99	0.526	307.1	175.0703199
0.476	290.5	149.9641021	22.03	0.58	302.8	166.4069628
0.513	287.9	147.7298938	22.06	0.64	298.5	159.4157407
0.534	288.4	148.1307424	22.08	0.682	298.5	159.4157407
0.513	287.5	147.4188376	22.11	0.674	294.5	154.1690811
0.471	287.5	147.4188376	22.13	0.637	293.3	152.8045061
0.457	284.9	145.5997344	22.13	0.649	287.3	147.2664881
0.455	283.7	144.8750382	22.11	0.657	282.5	144.220467
0.443	282.1	144.0175927	22.07	0.64	278.3	142.4613373
0.409	280.7	143.3668232	22.02	0.634	272.3	141.3169846
0.404	279.8	142.996497	21.96	0.656	270.8	141.2750152
0.415	281.3	143.6345036	21.88	0.642	272.9	141.3609132
0.45	285.6	146.0555256	21.83	0.631	276	141.8363207

23.65	0.704	314.4	195.7142115	142.9059583	Yes
23.6	0.82	311.5	186.0662962	146.2914565	Yes
23.56	0.874	313.8	195.7142115	148.8553959	Yes
23.53	0.956	312.8	189.8060036	151.8656103	Yes
23.55	1.035	315.6	192.5597384	155.4594238	Yes
23.54	1.024	316.4	189.898934	160.6787844	Yes
23.54	1.022	319.1	181.6899539	162.1275732	Yes
23.53	0.979	318.7	182.8356637	164.0240662	Yes
23.36	0.72	294	153.5893653	148.4247368	Yes
23.16	0.85	301.3	163.7942737	155.2110134	Yes
22.98	0.855	295.2	155.008001	152.6730332	Yes
22.82	0.855	296.9	157.1826166	155.1228969	Yes
22.68	0.835	295.3	155.1304872	152.0221211	Yes
22.68	1.004	312.8	189.8060036	166.5427522	Yes
22.76	0.931	316	191.2154206	183.7176836	Yes
22.82	0.867	315.8	191.884056	187.0149792	Yes
22.79	0.781	318.7	182.8356637	186.4137598	Yes
22.69	0.673	320	179.1954466	182.4841896	Yes
22.59	0.569	319.1	181.6899539	182.6443539	Yes
22.49	0.525	310.3	182.824721	177.9005494	Yes
22.41	0.456	304	168.6422867	172.1092363	Yes
22.32	0.409	304.6	169.810806	179.4314211	Yes
22.25	0.347	304.7	170.0089535	167.4413035	Yes
22.19	0.315	302	164.9891752	167.5072638	Yes
22.13	0.315	295.5	155.3774631	175.2054135	Yes
22.09	0.375	292.4	151.8402112	173.9033283	Yes
22.06	0.4	290	149.5052253	175.5623215	Yes
22.03	0.402	287.5	147.4188376	170.2036367	Yes
22.04	0.399	294.6	154.2869623	184.0059117	Yes
22.04	0.4	299.8	161.3712442	180.71493	Yes
22.06	0.395	310.4	183.0874794	178.2090331	Yes
22.07	0.432	312	187.4756675	188.9239011	Yes
22.09	0.489	312.2	188.0494405	178.0597337	Yes
22.12	0.513	316.9	188.2914027	172.2072242	Yes
22.17	0.541	322.7	172.3538995	178.0141399	Yes
22.22	0.583	322.9	171.8828066	170.100813	Yes
22.27	0.596	324.8	167.6326681	172.4297091	Yes
22.34	0.632	325	167.2080708	163.3221026	Yes
22.42	0.713	324.9	167.4198452	157.1293217	Yes
22.5	0.796	320	179.1954466	152.0218547	Yes
22.56	0.826	313.4	191.6169031	149.103727	Yes
22.59	0.841	310.2	182.5632711	150.0680763	Yes
22.6	0.782	307.5	175.9737479	147.343954	Yes
22.59	0.712	304.3	169.2222095	147.9466871	Yes
22.57	0.699	295.2	155.008001	144.7595148	Yes
22.53	0.711	288.8	148.4611505	144.2746483	Yes
22.45	0.66	283.2	144.5938692	143.4334753	Yes
22.36	0.555	273.3	141.3988308	143.1878762	Yes
22.27	0.583	270.7	141.2756607	142.777386	Yes
22.21	0.62	273.2	141.3887034	142.7901659	Yes
22.2	0.668	275.8	141.7930115	145.0142782	Yes

7/29/2019	21:18	20.94	0.208
7/29/2019	21:19	20.91	0.214
7/29/2019	21:20	20.87	0.229
7/29/2019	21:21	20.84	0.182
7/29/2019	21:22	20.81	0.228
7/29/2019	21:23	20.77	0.232
7/29/2019	21:24	20.73	0.197
7/29/2019	21:25	20.7	0.199
7/29/2019	21:26	20.67	0.186
7/29/2019	21:27	20.65	0.165
7/29/2019	21:28	20.63	0.159
7/29/2019	21:29	20.62	0.134
7/29/2019	21:30	20.6	0.117
7/29/2019	21:31	20.6	0.125
7/29/2019	21:32	20.6	0.118
7/29/2019	21:33	20.6	0.139
7/29/2019	21:34	20.61	0.155
7/29/2019	21:35	20.61	0.14
7/29/2019	21:36	20.6	0.179
7/29/2019	21:37	20.59	0.172
7/29/2019	21:38	20.59	0.166
7/29/2019	21:39	20.58	0.149
7/29/2019	21:40	20.58	0.094
7/29/2019	21:41	20.58	0.128
7/29/2019	21:42	20.58	0.113
7/29/2019	21:43	20.58	0.114
7/29/2019	21:44	20.57	0.088
7/29/2019	21:45	20.55	0.053
7/29/2019	21:46	20.54	0.044
7/29/2019	21:47	20.53	0.018
7/29/2019	21:48	20.5	0.045
7/29/2019	21:49	20.48	0.071
7/29/2019	21:50	20.47	0.082
7/29/2019	21:51	20.45	0.036
7/29/2019	21:52	20.43	0.031
7/29/2019	21:53	20.4	0.028
7/29/2019	21:54	20.38	0.029
7/29/2019	21:55	20.35	0.023
7/29/2019	21:56	20.32	0.036
7/29/2019	21:57	20.31	0.034
7/29/2019	21:58	20.31	0.047
7/29/2019	21:59	20.31	0.062
7/29/2019	22:00	20.31	0.045
7/29/2019	22:01	20.28	0.058
7/29/2019	22:02	20.27	0.068
7/29/2019	22:03	20.27	0.111
7/29/2019	22:04	20.26	0.177
7/29/2019	22:05	20.24	0.134
7/29/2019	22:06	20.22	0.182
7/29/2019	22:07	20.2	0.207
7/29/2019	22:08	20.15	0.271

290.8	150.2462872	21.04
288.8	148.4611505	21
287.9	147.7298938	20.95
284.6	145.4118964	20.91
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282.8	144.3776216	20.76
283.7	144.8750382	20.72
287.2	147.1911034	20.69
277.5	142.2173074	20.67
282.8	144.3776216	20.65
285.2	145.7920604	20.63
281.8	143.8704074	20.62
281.3	143.6345036	20.61
282.7	144.324759	20.61
258.3	144.7611164	20.62
255.3	146.6780426	20.62
255.5	146.5361202	20.62
246.2	155.5019575	20.62
251.7	149.595865	20.61
243.6	158.9827372	20.61
248.3	153.0256028	20.6
245.3	156.6530324	20.6
244.6	157.5872152	20.6
248.9	152.3697801	20.59
259.3	144.220467	20.59
254.1	147.5733027	20.58
236.5	171.2186266	20.57
252.1	149.2366877	20.56
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61.87	161.5740339	20.52
63.12	159.6787823	20.49
65.95	155.8161479	20.47
66.28	155.4023082	20.44
84.5	142.1607573	20.42
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15	139.6529623	20.36
		20.33
334.5	151.2154981	20.3
348.5	138.6806025	20.28
335.2	150.3151193	20.28
354	136.4336422	20.28
291.8	151.2247092	20.27
292.5	151.9449052	20.25
294.3	153.9352634	20.23
286.1	146.3962542	20.24
278.7	142.5941034	20.23
290.6	150.0575889	20.21
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278.1	142.397648	20.17
283.7	144.8750382	20.12

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0.344	280.9
0.337	281.1
0.359	279.7
0.376	278.4
0.377	279.1
0.363	276.3
0.346	278.6
0.33	277.4
0.352	275.4
0.287	279.5
0.224	277.6
0.246	272.2
0.233	272.9
0.269	271.4
0.241	254.7
0.202	245.8
0.209	248.5
0.25	241
0.256	245.4
0.29	239.6
0.207	241.9
0.182	241.8
0.185	242.4
0.167	242.2
0.179	254.6
0.15	259.3
0.117	252.3
0.097	254.6
0.05	277.2
0.048	67.09
0.085	67.32
0.089	66.47
0.058	59.48
0.063	91.7
0.044	72.55
0.044	38.94
0.03	23.46
0.052	347.9
0.111	349.7
0.122	352.9
0.141	357.9
0.094	323
0.104	313.9
0.119	318.4
0.164	302.9
0.213	287.7
0.184	292.2
0.247	289.4
0.305	277
0.348	283.5

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143.4541915	21.29
143.5434164	21.21
142.9576428	21.14
142.4938547	21.06
142.7340803	21
141.9045775	20.94
142.5602372	20.9
142.1888102	20.86
141.7116497	20.84
142.8813029	20.82
142.2462495	20.81
141.3111722	20.79
141.3609132	20.79
141.2801795	20.79
147.1162438	20.8
156.0067	20.8
152.8045061	20.8
162.9661204	20.8
156.5223835	20.79
165.3383346	20.79
161.5271173	20.78
161.6837847	20.77
160.7556316	20.76
161.0618684	20.75
147.1911034	20.74
144.220467	20.73
149.0604651	20.72
147.1911034	20.7
142.1331484	20.68
154.4173837	20.65
154.1455828	20.61
155.1673631	20.58
165.5495103	20.55
141.2885722	20.52
148.8433181	20.49
171.9766515	20.46
146.6688528	20.42
139.008273	20.39
138.0751192	20.35
136.7766005	20.37
135.6313781	20.39
171.6490075	20.39
195.7142115	20.36
183.7103804	20.35
166.5881931	20.36
147.5733027	20.35
151.6326395	20.32
148.9731899	20.29
142.0792607	20.26
144.7611164	20.21

0.434	286.3	146.5361202	21.75	0.634	277	142.0792607
0.408	284.4	145.2891508	21.66	0.612	276.4	141.9282093
0.374	284.5	145.3502763	21.54	0.594	277.7	142.2756368
0.406	282	143.9680589	21.42	0.596	273.9	141.4686779
0.39	281.3	143.6345036	21.31	0.599	273.9	141.4686779
0.411	280.2	143.1564895	21.22	0.641	272.8	141.3525134
0.372	279.3	142.8067836	21.15	0.583	272.8	141.3525134
0.397	279.4	142.843816	21.1	0.616	273.2	141.3887034
0.402	280.1	143.1158038	21.07	0.619	272.8	141.3525134
0.351	277.8	142.3054699	21.06	0.582	271.4	141.2801795
0.339	280.4	143.23924	21.05	0.557	273.2	141.3887034
0.276	279.9	143.0358082	21.04	0.46	272.9	141.3609132
0.215	275.8	141.7930115	21.02	0.412	267.5	141.5239064
0.223	274.3	141.5239064	21.01	0.393	265.7	141.8586336
0.215	269.8	141.30084	21.01	0.371	261.7	143.1158038
0.27	254.6	147.1911034	21.02	0.382	252.2	149.1482972
0.303	248.1	153.2492103	21.02	0.41	245.2	156.7843776
0.334	249	152.2626427	21.03	0.473	245.2	156.7843776
0.361	245.8	156.0067	21.04	0.534	241.1	162.802978
0.357	247.1	154.4054945	21.04	0.506	241.7	161.8412498
0.394	241.5	162.1585863	21.04	0.527	237.6	169.0279442
0.301	244.2	158.1366964	21.02	0.438	239	166.4069628
0.265	246	155.7529709	20.99	0.389	240.7	163.4605101
0.262	244.9	157.1826166	20.97	0.331	241.1	162.802978
0.244	244.2	158.1366964	20.95	0.339	241	162.9661204
0.238	255.6	146.4659307	20.92	0.344	250.2	151.0243214
0.195	254.1	147.5733027	20.9	0.294	250.5	150.728171
0.151	252.6	148.8003043	20.88	0.251	250.4	150.8262993
0.115	255.3	146.6780426	20.86	0.212	254.3	147.4188376
0.068	244	158.4157786	20.83	0.14	254.9	146.9680947
0.033	309.2	180.0191816	20.8	0.091	272.4	141.3232279
0.108	69.27	151.9764319	20.77	0.078	55.93	172.4015023
0.13	72.01	149.3167179	20.74	0.145	72.09	149.2455575
0.069	74.62	147.1760895	20.7	0.08	81.1	143.3668232
0.072	100.2	143.1564895	20.66	0.089	107.4	147.3423991
0.043	91	141.2750152	20.63	0.072	103.9	144.9909076
0.045	48.18	192.2949007	20.6	0.052	83.1	142.5941034
0.031	23.66	146.882751	20.57	0.035	132.2	188.0494405
0.048	346	140.1581671	20.53	0.032	1.714	135.4591702
0.113	354.9	136.1915717	20.49	0.104	4.717	135.7466185
0.132	354.6	136.2684311	20.49	0.147	353	136.743267
0.175	357.5	135.6843278	20.49	0.211	346.2	140.0289626
0.133	335.9	149.4475739	20.5	0.181	332.3	154.2689366
0.132	323.8	169.8197457	20.49	0.199	320	179.1954466
0.183	317.6	186.1096044	20.49	0.221	313.7	192.5433417
0.207	303	166.7703272	20.49	0.314	301.7	164.4719393
0.269	293.4	152.9147416	20.46	0.37	295.7	155.627126
0.239	296.1	156.1345891	20.44	0.375	294.2	153.8193224
0.26	292.3	151.7361232	20.42	0.384	288.7	148.3777321
0.314	282.6	144.2723744	20.39	0.482	276.5	141.9522815
0.425	284.5	145.3502763	20.35	0.667	277.3	142.1607573

22.16	0.677	273.4	141.4093904	145.6951664	Yes
22.09	0.625	273.6	141.431807	144.7831755	Yes
21.95	0.662	276.8	142.0271438	144.7248058	Yes
21.79	0.624	274.2	141.5094486	143.451569	Yes
21.66	0.622	272.9	141.3609132	142.8311238	Yes
21.56	0.629	272.4	141.3232279	142.9051762	Yes
21.49	0.61	272.7	141.344545	142.610374	Yes
21.46	0.611	271.5	141.2825466	142.9169487	Yes
21.47	0.62	269.6	141.3111722	143.4620577	Yes
21.5	0.588	268.9	141.3609132	141.8786516	Yes
21.52	0.541	270.3	141.2825466	142.971717	Yes
21.54	0.496	268.8	141.3697448	143.1087578	Yes
21.55	0.461	265	142.0271438	142.1246244	Yes
21.58	0.441	263.9	142.3357491	142.0944892	Yes
21.59	0.493	262.3	142.8813029	142.5053956	Yes
21.6	0.512	256	146.1902907	147.0541902	Yes
21.57	0.513	248.2	153.1370917	153.1795827	Yes
21.55	0.614	250.4	150.8262993	152.0969116	Yes
21.54	0.689	247.1	154.4054945	159.319439	Yes
21.55	0.703	247.1	154.4054945	155.5912482	Yes
21.57	0.683	241.8	161.6837847	163.8769006	Yes
21.51	0.611	240.8	163.294883	159.7740948	Yes
21.43	0.553	241	162.9661204	159.3875745	Yes
21.35	0.466	243.9	158.5564148	159.5821103	Yes
21.28	0.445	243	159.8555038	158.6336163	Yes
21.22	0.46	249.3	151.9449052	147.2254556	Yes
21.18	0.462	249.4	151.8402112	147.5238109	Yes
21.14	0.405	249.9	151.3257947	154.9764238	Yes
21.11	0.349	250.7	150.5336711	147.6311678	Yes
21.08	0.253	254.2	147.4958051	149.1723406	Yes
21.04	0.121	255.6	146.4659307	159.3334568	Yes
21	0.048	114.8	154.5246801	159.5505748	Yes
20.96	0.119	85.9	141.8144468	152.3864466	Yes
20.9	0.111	102.5	144.220467	152.8736828	Yes
20.85	0.117	119	160.152474	143.4870545	Yes
20.8	0.092	123.4	167.507983	145.0364136	Yes
20.75	0.071	119.7	161.2161624	161.6296545	Yes
20.71	0.034	93.7	141.4436643	160.5336814	Yes
20.66	0.044	7.699	136.4047563	141.4602771	Yes
20.64	0.115	1.522	135.4534816	137.173478	Yes
20.63	0.165	337.8	147.2519401	140.0258545	Yes
20.6	0.227	333.5	152.5604335	136.9445777	Yes
20.6	0.222	320.3	178.3888034	156.6475568	Yes
20.6	0.235	316.5	189.5740787	174.1685773	Yes
20.62	0.269	319	181.9742025	179.0746474	Yes
20.58	0.416	303.4	167.507983	161.0566784	Yes
20.57	0.467	301	163.294883	149.6773184	Yes
20.57	0.484	294.3	153.9352634	152.9110349	Yes
20.56	0.498	291.7	151.1242187	149.0508223	Yes
20.53	0.543	279.3	142.8067836	142.6753912	Yes
20.5	0.729	281.8	143.8704074	144.2867971	Yes

7/29/2019	22:09	20.1	0.239
7/29/2019	22:10	20.06	0.284
7/29/2019	22:11	20.02	0.261
7/29/2019	22:12	20	0.199
7/29/2019	22:13	19.98	0.207
7/29/2019	22:14	19.97	0.205
7/29/2019	22:15	19.97	0.084
7/29/2019	22:16	19.96	0.221
7/29/2019	22:17	19.94	0.199
7/29/2019	22:18	19.93	0.212
7/29/2019	22:19	19.92	0.193
7/29/2019	22:20	19.92	0.147
7/29/2019	22:21	19.92	0.179
7/29/2019	22:22	19.91	0.168
7/29/2019	22:23	19.91	0.176
7/29/2019	22:24	19.9	0.172
7/29/2019	22:25	19.9	0.152
7/29/2019	22:26	19.89	0.192
7/29/2019	22:27	19.89	0.217
7/29/2019	22:28	19.88	0.198
7/29/2019	22:29	19.87	0.184
7/29/2019	22:30	19.86	0.209
7/29/2019	22:31	19.86	0.253
7/29/2019	22:32	19.86	0.241
7/29/2019	22:33	19.85	0.245
7/29/2019	22:34	19.84	0.24
7/29/2019	22:35	19.84	0.229
7/29/2019	22:36	19.83	0.25
7/29/2019	22:37	19.83	0.255
7/29/2019	22:38	19.83	0.256
7/29/2019	22:39	19.82	0.253
7/29/2019	22:40	19.81	0.206
7/29/2019	22:41	19.8	0.184
7/29/2019	22:42	19.79	0.153
7/29/2019	22:43	19.78	0.196
7/29/2019	22:44	19.76	0.27
7/29/2019	22:45	19.73	0.166
7/29/2019	22:46	19.71	0.245
7/29/2019	22:47	19.71	0.207
7/29/2019	22:48	19.73	0.181
7/29/2019	22:49	19.74	0.132
7/29/2019	22:50	19.75	0.145
7/29/2019	22:51	19.76	0.146
7/29/2019	22:52	19.77	0.129
7/29/2019	22:53	19.77	0.087
7/29/2019	22:54	19.76	0.058
7/29/2019	22:55	19.75	0.047
7/29/2019	22:56	19.73	0.064
7/29/2019	22:57	19.71	0.049
7/29/2019	22:58	19.7	0.057
7/29/2019	22:59	19.68	0.13

279.3	142.8067836	20.07
268.1	141.4436643	20.03
280.8	143.4102756	20
282.5	144.220467	19.98
279.2	142.7702052	19.96
282.8	144.3776216	19.94
332	154.712722	19.93
290.9	150.341502	19.92
292.2	151.6326395	19.9
293.2	152.6948941	19.89
301.3	163.7942737	19.88
292	151.4274771	19.88
292.4	151.8402112	19.88
278.8	142.6284203	19.87
285	145.663343	19.87
280.4	143.23924	19.87
279.9	143.0358082	19.87
278.5	142.5268211	19.87
278.9	142.6631883	19.87
278.1	142.397648	19.87
273.1	141.3790081	19.86
281.4	143.6807474	19.86
285.5	145.9889028	19.85
285.9	146.2584353	19.85
281.9	143.9189973	19.85
280.5	143.2813061	19.85
285.1	145.7274513	19.84
283.2	144.5938692	19.83
281	143.4985715	19.83
283.4	144.7048835	19.83
283.3	144.6491348	19.82
285.6	146.0555256	19.8
282.1	144.0175927	19.79
283.8	144.932729	19.78
282	143.9680589	19.76
288	147.8089898	19.74
275	141.6372805	19.72
271	141.2750152	19.7
258.7	144.539086	19.71
259	144.3776216	19.74
257	145.5366244	19.75
261.6	143.1564895	19.76
258.7	144.539086	19.77
252	149.3256382	19.78
268.7	141.3790081	19.78
5.186	135.8253458	19.77
16.69	140.7568908	19.75
349.4	138.2203136	19.73
332.3	154.2689366	19.72
331	156.2417902	19.7
285.5	145.9889028	19.68

0.383	278.4
0.486	270.7
0.407	279
0.371	276.7
0.335	280.6
0.227	287
0.234	313
0.277	299.4
0.319	294.6
0.284	300.1
0.218	304
0.192	305.4
0.214	300.7
0.243	288.6
0.199	302.9
0.208	296.3
0.238	287.8
0.291	282.6
0.309	278.5
0.328	280.7
0.367	276.5
0.314	280.9
0.353	285.6
0.402	281.8
0.433	281.6
0.368	282.1
0.368	279.6
0.367	282.5
0.304	287.5
0.323	286.5
0.307	288.1
0.286	288.2
0.279	293
0.294	296.5
0.288	290.8
0.342	284.3
0.376	275.9
0.462	266
0.337	256.8
0.286	256.7
0.209	253.9
0.231	255.1
0.21	250.5
0.204	250.9
0.145	278.6
0.103	341.2
0.092	355.6
0.133	345
0.149	336.3
0.182	325.6
0.203	303.6

142.4938547	20.15
141.2756607	20.11
142.6984082	20.08
142.0017483	20.06
143.3238336	20.05
147.041908	20.04
190.403504	20.02
160.7556316	20
154.2869623	19.99
161.8412498	19.97
168.6422867	19.96
171.4237479	19.95
162.802978	19.95
148.294859	19.95
166.5881931	19.95
156.3924283	19.95
147.6513318	19.96
144.2723744	19.97
142.5268211	19.98
143.3668232	19.98
141.9522815	19.98
143.4541915	19.98
146.0555256	19.97
143.8704074	19.96
143.7746389	19.96
144.0175927	19.96
142.919245	19.95
144.220467	19.94
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146.6780426	19.93
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152.4775331	19.9
156.6530324	19.88
150.2462872	19.86
145.2285189	19.84
141.8144468	19.81
141.7930115	19.8
145.663343	19.82
145.7274513	19.85
147.7298938	19.86
146.8220309	19.87
150.728171	19.88
150.341502	19.89
142.5602372	19.88
143.8658923	19.87
136.0270567	19.85
140.8336095	19.84
148.9662571	19.83
165.9591491	19.82
167.8823409	19.81

0.39	283.8	144.932729	20.31	0.692	275.9	141.8144468
0.434	275.6	141.7514553	20.27	0.795	272.1	141.3057907
0.409	281.2	143.5887269	20.25	0.714	275.2	141.6735922
0.334	280	143.0755769	20.21	0.633	273.6	141.431807
0.322	280	143.0755769	20.19	0.549	271.7	141.2885722
0.29	285.7	146.1226545	20.18	0.406	275.6	141.7514553
0.278	311.9	187.1909456	20.16	0.385	301.1	163.4605101
0.345	300.2	161.9995159	20.14	0.496	293.6	153.1370917
0.355	296.4	156.5223835	20.12	0.546	289.2	148.8003043
0.305	300	161.6837847	20.1	0.523	291.3	150.728171
0.296	304.5	169.6136358	20.08	0.442	297.9	158.5564148
0.27	300.9	163.1300876	20.07	0.391	295.7	155.627126
0.286	299.9	161.5271173	20.07	0.432	295.5	155.3774631
0.265	291.1	150.5336711	20.07	0.45	289.1	148.7146909
0.285	301.2	163.6269725	20.07	0.421	293.2	152.6948941
0.258	297	157.3167727	20.08	0.433	293.1	152.5859038
0.259	290.5	149.9641021	20.09	0.456	285.4	145.922785
0.297	286.6	146.7497779	20.1	0.488	280.7	143.3668232
0.336	283	144.4847842	20.13	0.547	277.5	142.2173074
0.372	283.1	144.539086	20.15	0.612	277.1	142.105983
0.341	280.8	143.4102756	20.16	0.639	275.4	141.7116497
0.368	282.8	144.3776216	20.17	0.642	275.4	141.7116497
0.395	287.5	147.4188376	20.18	0.652	279.5	142.8813029
0.398	286.5	146.6780426	20.17	0.694	278.9	142.6631883
0.412	284.3	145.2285189	20.18	0.711	276.9	142.0529811
0.414	283.3	144.6491348	20.17	0.677	277.6	142.2462495
0.372	282.8	144.3776216	20.15	0.615	275.5	141.7313339
0.38	283.5	144.7611164	20.13	0.602	277	142.0792607
0.367	289.3	148.8864702	20.12	0.581	282	143.9680589
0.364	288.8	148.4611505	20.1	0.564	282.3	144.1180804
0.339	291.4	150.8262993	20.08	0.561	286.1	146.3962542
0.323	289.7	149.2366877	20.06	0.519	283.6	144.8178344
0.293	293.8	153.3619607	20.05	0.462	286.7	146.8220309
0.269	297	157.3167727	20.02	0.51	288.2	147.9687897
0.325	293.2	152.6948941	20	0.517	286.1	146.3962542
0.405	286.9	146.9680947	19.97	0.627	279.6	142.919245
0.398	279.6	142.919245	19.94	0.694	273.1	141.3790081
0.427	268.6	141.3887034	19.94	0.719	263.7	142.397648
0.391	254.4	147.3423991	19.96	0.631	255	146.8948028
0.347	256.8	145.663343	19.98	0.542	248.8	152.4775331
0.259	252	149.3256382	20	0.422	249.7	151.529758
0.224	252.1	149.2366877	20.02	0.371	247.9	153.475345
0.249	250.8	150.437296	20.04	0.392	247.7	153.7040237
0.248	251.1	150.1516501	20.05	0.371	247.4	154.0518489
0.155	272.9	141.3609132	20.05	0.256	259.9	143.9189973
0.137	322.9	171.8828066	20.04	0.176	290.1	149.595865
0.114	333.6	152.4227699	20.02	0.162	295.8	155.7529709
0.157	330.2	157.5218261	20.02	0.212	298.4	159.2706591
0.193	329	159.540656	20.02	0.252	307.1	175.0703199
0.245	326.2	164.7466785	20.02	0.337	311.6	186.3453391
0.269	308	177.1284437	20.03	0.408	299.2	160.4525084

20.47	0.796	280.5	143.2813061	143.0119535	Yes
20.45	0.828	274.9	141.6197787	141.4441428	Yes
20.42	0.773	275.8	141.7930115	142.8427507	Yes
20.39	0.602	273.5	141.4203824	142.6823998	Yes
20.37	0.544	270.6	141.2767366	142.614547	Yes
20.35	0.479	275.5	141.7313339	144.8234099	Yes
20.33	0.502	294.2	153.8193224	173.9419204	Yes
20.29	0.62	291.1	150.5336711	156.5584353	Yes
20.27	0.683	288.4	148.1307424	152.8105724	Yes
20.25	0.662	289.9	149.4151502	156.7370249	Yes
20.24	0.603	294.7	154.4054945	165.1516528	Yes
20.26	0.554	290.5	149.9641021	160.4021096	Yes
20.27	0.578	291.2	150.6306288	157.8869424	Yes
20.26	0.576	287.4	147.3423991	147.5429103	Yes
20.27	0.586	291.5	150.9250156	157.1433507	Yes
20.28	0.578	289.5	149.0604651	152.3835862	Yes
20.31	0.548	284.9	145.5997344	146.6435068	Yes
20.35	0.571	279.3	142.8067836	144.2289492	Yes
20.41	0.625	277.2	142.1331484	142.9730253	Yes
20.46	0.678	277.8	142.3054699	143.1023851	Yes
20.5	0.677	275.5	141.7313339	142.1133037	Yes
20.52	0.702	276.5	141.9522815	143.3060526	Yes
20.51	0.745	282.5	144.220467	145.5861422	Yes
20.49	0.81	283.2	144.5938692	144.8675184	Yes
20.47	0.804	279.8	142.996497	143.7437841	Yes
20.44	0.799	279.6	142.919245	143.5485708	Yes
20.39	0.689	279.2	142.7702052	143.6889129	Yes
20.35	0.707	279.9	143.0358082	143.9136783	Yes
20.32	0.705	284.3	145.2285189	145.9429845	Yes
20.29	0.688	285.6	146.0555256	145.9905393	Yes
20.26	0.7	288	147.8089898	147.4400774	Yes
20.24	0.676	287.4	147.3423991	147.0197093	Yes
20.23	0.648	287.4	147.3423991	149.1697794	Yes
20.2	0.655	288.3	148.0494963	151.717831	Yes
20.16	0.685	287.3	147.2664881	148.3263736	Yes
20.13	0.747	284.2	145.1683796	145.7312121	Yes
20.1	0.794	274.9	141.6197787	141.9374951	Yes
20.1	0.817	266.6	141.6735922	141.7135945	Yes
20.12	0.824	260.3	143.7274589	146.1099077	Yes
20.15	0.707	255.2	146.7497779	147.0614872	Yes
20.19	0.622	254.6	147.1911034	148.5304786	Yes
20.23	0.552	251.2	150.0575889	148.1726383	Yes
20.28	0.548	249.6	151.6326395	149.8521442	Yes
20.28	0.518	246.6	155.008001	150.9676598	Yes
20.29	0.43	254.2	147.4958051	142.304789	Yes
20.3	0.277	269.3	141.3299024	150.2924774	Yes
20.32	0.267	267.4	141.5387984	146.2399221	Yes
20.36	0.258	275.2	141.6735922	148.9616021	Yes
20.41	0.301	281	143.4985715	159.4615424	Yes
20.43	0.386	291.4	150.8262993	168.3232392	Yes
20.46	0.455	287.2	147.1911034	162.863049	Yes

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7/29/2019	23:11	19.51	0.074
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7/29/2019	23:14	19.44	0.013
7/29/2019	23:15	19.41	0.015
7/29/2019	23:16	19.38	0.019
7/29/2019	23:17	19.34	0.039
7/29/2019	23:18	19.33	0.098
7/29/2019	23:19	19.37	0.072
7/29/2019	23:20	19.38	0.121
7/29/2019	23:21	19.37	0.122
7/29/2019	23:22	19.35	0.111
7/29/2019	23:23	19.34	0.089
7/29/2019	23:24	19.32	0.062
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7/29/2019	23:27	19.28	0.078
7/29/2019	23:28	19.27	0.109
7/29/2019	23:29	19.25	0.125
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7/29/2019	23:32	19.2	0.101
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7/29/2019	23:45	19.08	0.098
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0.013	
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0.208	298.1
0.181	301.1
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0.257	301.6
0.251	292.2
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0.1	326.6	163.9580918	19.93	0.224	307	174.8472386
0.096	248.2	153.1370917	19.91	0.17	267.8	141.4818346
0.109	143	171.6490075	19.88	0.073	137.4	186.7249594
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0.114	241	162.9661204	19.82	0.174	259.8	143.9680589
0.204	239.7	165.1633188	19.83	0.307	244	158.4157786
0.18	209.2	153.8318952	19.83	0.299	218.3	170.4972397
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0.142	280.1	143.1158038	19.64	0.193	270.1	141.2885722
0.219	271.4	141.2801795	19.67	0.381	271.9	141.2963201
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0.251	296	156.0067	19.65	0.442	290.1	149.595865
0.267	301.2	163.6269725	19.62	0.454	292.4	151.8402112
0.221	289.5	149.0604651	19.6	0.434	282.6	144.2723744
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0.234	280.4	143.23924	19.58	0.46	274.6	141.5698857
0.261	274.4	141.5387984	19.58	0.525	268.8	141.3697448
0.292	265.4	141.9282093	19.59	0.563	263.4	142.4938547
0.262	280.1	143.1158038	19.59	0.492	269.8	141.30084
0.295	283.6	144.8178344	19.57	0.514	275	141.6372805
0.328	284.8	145.5366244	19.54	0.536	274.5	141.5541247
0.334	287.9	147.7298938	19.51	0.56	278.7	142.5941034
0.309	285.1	145.7274513	19.48	0.532	280.2	143.1564895
0.262	282	143.9680589	19.45	0.459	277.2	142.1331484
0.149	286	146.3270894	19.43	0.373	279.3	142.8067836
0.199	289.3	148.8864702	19.41	0.385	283.2	144.5938692
0.219	289.9	149.4151502	19.4	0.404	284	145.0495749
0.219	289.1	148.7146909	19.38	0.39	283.7	144.8750382
0.298	292.5	151.9449052	19.37	0.451	286.3	146.5361202
0.314	291.1	150.5336711	19.36	0.489	285.5	145.9889028
0.281	298.5	159.4157407	19.35	0.448	293.1	152.5859038
0.335	302	164.9891752	19.34	0.486	294.2	153.8193224
0.31	299.8	161.3712442	19.32	0.521	295.8	155.7529709
0.335	292.4	151.8402112	19.3	0.522	289.9	149.4151502
0.286	303.3	167.3221929	19.3	0.483	296.7	156.9164217
0.251	316	191.2154206	19.29	0.428	305.2	171.014516
0.233	334	151.8792052	19.28	0.356	318.3	184.0049395
0.258	336.9	148.2635581	19.26	0.371	324.7	167.8465446
0.195	326	165.1468514	19.24	0.348	318.7	182.8356637
0.185	315.9	191.5488631	19.23	0.365	310.7	183.8836779

20.49	0.505	287.7	147.5733027	167.4240661	Yes
20.49	0.534	294.7	154.4054945	172.765947	Yes
20.46	0.502	299.8	161.3712442	160.3727307	Yes
20.42	0.41	299	160.152474	164.1811883	Yes
20.38	0.326	308.2	177.5983781	156.0633146	Yes
20.32	0.35	297.5	157.9982448	163.3688986	Yes
20.27	0.3	278.1	142.397648	148.6351999	Yes
20.22	0.127	262.7	142.7340803	166.4005956	Yes
20.18	0.094	312.2	188.0494405	147.4070651	Yes
20.14	0.29	273.3	141.3988308	160.5552935	Yes
20.11	0.39	257.1	145.4740121	169.3361191	Yes
20.08	0.341	235.4	173.5316387	151.486876	Yes
20.03	0.128	203	146.1859844	149.8922066	Yes
19.99	0.133	227.2	195.4097096	152.9946088	Yes
19.96	0.18	260.5	143.6345036	162.0234442	Yes
19.94	0.148	269.7	141.3057907	162.9661204	Yes
19.91	0.1	260.2	143.7746389	157.5218261	Yes
19.87	0.097	280.9	143.4541915	150.8197229	Yes
19.85	0.279	285.9	146.2584353	143.3615689	Yes
19.85	0.411	281.6	143.7746389	141.651725	Yes
19.86	0.505	284.8	145.5366244	144.299445	Yes
19.87	0.535	289.9	149.4151502	148.7783869	Yes
19.87	0.601	290.1	149.595865	153.9930536	Yes
19.86	0.648	290.1	149.595865	158.8951815	Yes
19.87	0.582	284.4	145.2891508	145.4667279	Yes
19.89	0.524	281.5	143.7274589	148.8166245	Yes
19.89	0.525	276.1	141.8586336	142.6260077	Yes
19.87	0.551	270.6	141.2767366	141.7769919	Yes
19.87	0.604	265.1	142.0017483	143.9345031	Yes
19.85	0.531	271.3	141.2782429	144.9107138	Yes
19.82	0.58	272.7	141.344545	143.4810641	Yes
19.78	0.611	272.9	141.3609132	143.4175417	Yes
19.75	0.706	277.4	142.1888102	146.7183069	Yes
19.72	0.668	280.1	143.1158038	143.5596354	Yes
19.68	0.596	279.1	142.7340803	142.5746738	Yes
19.64	0.475	281.3	143.6345036	146.1880159	Yes
19.6	0.471	282.4	144.169036	149.3300241	Yes
19.58	0.546	283.5	144.7611164	147.7831906	Yes
19.55	0.508	281.1	143.5434164	146.0886972	Yes
19.53	0.586	284.9	145.5997344	149.2881294	Yes
19.52	0.641	285.2	145.7920604	148.5707284	Yes
19.51	0.641	290.1	149.595865	156.2872618	Yes
19.49	0.665	291.8	151.2247092	167.0443594	Yes
19.47	0.712	294.7	154.4054945	161.779115	Yes
19.47	0.757	289.7	149.2366877	152.8964464	Yes
19.48	0.682	292.7	152.156119	164.0412856	Yes
19.47	0.595	299.5	160.9083592	183.0447517	Yes
19.45	0.487	310	182.0442679	156.1792402	Yes
19.43	0.485	319.2	181.4071437	148.9723817	Yes
19.4	0.472	317.1	187.6599662	164.935469	Yes
19.39	0.505	312.5	188.9210494	180.694848	Yes

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300.8	162.9661204	18.77
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0.249	292.8
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0.247	308.2
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0.252	308.3
0.226	308.4
0.286	309.4
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0.228	291.8
0.143	285.9
0.112	290.8
0.098	289
0.154	293
0.228	306.1
0.181	315.1
0.204	308.1
0.223	303
0.263	301
0.278	299.5
0.355	299.1
0.424	287.9
0.32	283.1
0.313	288.2
0.255	294.5
0.245	296.4
0.204	307.3

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143.4541915	19.09
146.3962542	19.08
144.220467	19.09
142.0017483	19.11
141.2756607	19.12
141.3525134	19.12
141.3609132	19.12
141.2885722	19.11
142.105983	19.1
152.2626427	19.09
173.1016948	19.07
177.5983781	19.05
180.7691609	19.03
177.8350956	19.02
178.0729882	19.01
180.5179243	19
190.403504	18.99
175.5198021	18.98
166.2266321	18.98
150.6306288	18.98
147.8886214	18.97
141.3609132	18.96
142.2462495	18.97
144.220467	18.98
175.7462142	18.98
141.7116497	18.97
147.8089898	18.96
144.6491348	18.94
142.919245	18.91
146.3943767	18.87
180.5179243	18.84
150.6306288	18.82
151.2247092	18.84
146.2584353	18.85
150.2462872	18.85
148.6296284	18.85
152.4775331	18.87
172.8883094	18.91
194.2803784	18.94
177.3628294	18.94
166.7703272	18.94
163.294883	18.92
160.9083592	18.9
160.3021067	18.88
147.7298938	18.83
144.539086	18.79
147.9687897	18.76
154.1690811	18.75
156.5223835	18.73
175.5198021	18.72

0.178	303.5	167.6946976	19.23	0.335	306.6	173.9658487
0.126	289	148.6296284	19.22	0.27	297	157.3167727
0.151	290.9	150.341502	19.22	0.29	298.8	159.8555038
0.192	287.5	147.4188376	19.22	0.343	290.9	150.341502
0.261	285.2	145.7920604	19.23	0.412	288.3	148.0494963
0.267	277.6	142.2462495	19.24	0.458	281.4	143.6807474
0.274	274.7	141.5860815	19.25	0.493	277.5	142.2173074
0.272	277.2	142.1331484	19.25	0.509	275.4	141.7116497
0.254	275.6	141.7514553	19.25	0.52	272.4	141.3232279
0.294	279.3	142.8067836	19.25	0.515	274.7	141.5860815
0.299	293.2	152.6948941	19.24	0.468	285.2	145.7920604
0.296	305.6	171.8370419	19.22	0.479	296.8	157.0491672
0.346	310.4	183.0874794	19.21	0.528	301.8	164.6434892
0.374	310.4	183.0874794	19.2	0.54	303.4	167.507983
0.335	309.9	181.7867003	19.19	0.541	305.8	172.2544374
0.338	308.5	178.312062	19.17	0.555	306	172.6759748
0.388	312.1	187.7618297	19.17	0.583	306.7	174.1845669
0.393	314.4	195.7142115	19.15	0.584	310.5	183.3515534
0.33	309	179.5253688	19.14	0.522	304.9	170.4081994
0.34	305.9	172.4646859	19.14	0.535	301.9	164.8158999
0.362	296.2	156.2631643	19.15	0.556	294.8	154.5246801
0.344	292	151.4274771	19.14	0.55	290.4	149.8711879
0.285	278.2	142.4292686	19.13	0.509	279.6	142.919245
0.227	265.7	141.8586336	19.13	0.438	266.6	141.6735922
0.215	278.1	142.397648	19.14	0.379	273.3	141.3988308
0.126	294	153.5893653	19.14	0.29	280.3	143.1976347
0.064	272.5	141.3299024	19.13	0.135	268.9	141.3609132
0.192	116.5	156.6530324	19.11	0.22	105.8	146.1902907
0.237	113.8	153.3619607	19.09	0.323	105.9	146.2584353
0.112	88.3	141.4203824	19.05	0.183	94	141.4818346
0.068	8.03	136.5010511	19.02	0.049	66.25	155.4396262
0.118	314.6	195.7142115	18.99	0.079	322.2	173.55231
0.202	293.5	153.0256028	18.96	0.19	279.9	143.0358082
0.252	291.4	150.8262993	18.97	0.272	288.7	148.3777321
0.161	290.6	150.0575889	18.98	0.26	288.2	147.9687897
0.137	293.3	152.8045061	18.99	0.246	292.6	152.0502072
0.12	292.8	152.2626427	19	0.245	289.1	148.7146909
0.2	294.8	154.5246801	19.04	0.369	285.2	145.7920604
0.311	305.9	172.4646859	19.08	0.479	293.2	152.6948941
0.307	315	194.6299891	19.1	0.511	304	168.6422867
0.32	309.4	180.5179243	19.11	0.545	300.4	162.3184643
0.346	304.1	168.8346381	19.12	0.551	296	156.0067
0.353	302.2	165.3383346	19.11	0.564	294.2	153.8193224
0.375	300.4	162.3184643	19.1	0.602	294.2	153.8193224
0.444	301.7	164.4719393	19.08	0.667	297.2	157.5872152
0.484	293.1	152.5859038	19.05	0.691	291.5	150.9250156
0.378	286.7	146.8220309	19.01	0.549	282.5	144.220467
0.356	289.4	148.9731899	18.97	0.508	284.5	145.3502763
0.336	293.4	152.9147416	18.95	0.461	286.5	146.6780426
0.282	294.4	154.0518489	18.93	0.423	287.1	147.1162438
0.292	304.3	169.2222095	18.91	0.433	295.7	155.627126

19.4	0.477	313.5	191.9241395	162.7639444	Yes
19.4	0.425	310	182.0442679	149.8001975	Yes
19.41	0.429	307.3	175.5198021	150.3527736	Yes
19.43	0.467	305.3	171.2186266	146.0019876	Yes
19.44	0.566	301.1	163.4605101	144.3010546	Yes
19.46	0.656	291.9	151.3257947	143.6172864	Yes
19.48	0.69	285.5	145.9889028	142.9230056	Yes
19.5	0.655	283.7	144.8750382	141.821243	Yes
19.52	0.569	275.2	141.6735922	141.5611603	Yes
19.52	0.589	275	141.6372805	142.0431101	Yes
19.51	0.63	282.5	144.220467	152.4689807	Yes
19.49	0.681	288.8	148.4611505	167.6751497	Yes
19.46	0.709	294.5	154.1690811	173.5105105	Yes
19.45	0.747	296.6	156.7843776	178.6225937	Yes
19.43	0.729	300.5	162.4791534	179.6255058	Yes
19.42	0.783	300.7	162.802978	174.8673061	Yes
19.41	0.785	301.2	163.6269725	179.2492633	Yes
19.4	0.812	302.8	166.4069628	181.5861608	Yes
19.4	0.759	297.3	157.7235069	174.5707659	Yes
19.43	0.764	295.7	155.627126	171.2594077	Yes
19.45	0.812	291.9	151.3257947	152.3068658	Yes
19.44	0.823	289.7	149.2366877	147.9626187	Yes
19.43	0.732	284.3	145.2285189	142.5190625	Yes
19.43	0.544	273	141.3697448	145.1661637	Yes
19.43	0.46	273.1	141.3790081	143.8398362	Yes
19.42	0.341	272.7	141.344545	158.7934677	Yes
19.39	0.202	259.5	144.1180804	141.4674885	Yes
19.35	0.119	120.5	162.4791534	149.841751	Yes
19.3	0.303	108.3	148.0494963	149.2411062	Yes
19.25	0.254	109.8	149.3256382	141.7754104	Yes
19.21	0.104	108.3	148.0494963	150.4074842	Yes
19.17	0.056	314.3	195.7142115	176.3216008	Yes
19.13	0.174	296.5	156.6530324	148.489632	Yes
19.12	0.32	295.9	155.8794948	150.2165092	Yes
19.12	0.293	292.7	152.156119	146.4677239	Yes
19.13	0.314	291.5	150.9250156	149.223503	Yes
19.16	0.381	287.5	147.4188376	148.536512	Yes
19.21	0.469	282.9	144.4309631	151.5390586	Yes
19.25	0.607	291.4	150.8262993	171.2707278	Yes
19.27	0.626	299	160.152474	183.6119672	Yes
19.29	0.728	295.6	155.5019575	177.9540303	Yes
19.32	0.782	292.1	151.529758	163.9357681	Yes
19.34	0.785	289.2	148.8003043	168.1391337	Yes
19.38	0.837	287.7	147.5733027	160.0030666	Yes
19.4	0.924	292.3	151.7361232	165.9091649	Yes
19.39	0.992	289.1	148.7146909	150.6670726	Yes
19.36	0.786	283	144.4847842	146.4097932	Yes
19.3	0.692	282.6	144.2723744	147.4086638	Yes
19.24	0.665	283.9	144.9909076	154.3472095	Yes
19.2	0.583	283.2	144.5938692	153.6187135	Yes
19.16	0.596	286.7	146.8220309	169.8513927	Yes

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7/30/2019	0:43	18.63	0.076
7/30/2019	0:44	18.61	0.089
7/30/2019	0:45	18.61	0.149
7/30/2019	0:46	18.61	0.098
7/30/2019	0:47	18.6	0.12
7/30/2019	0:48	18.59	0.147
7/30/2019	0:49	18.57	0.117
7/30/2019	0:50	18.57	0.123
7/30/2019	0:51	18.57	0.132
7/30/2019	0:52	18.57	0.107
7/30/2019	0:53	18.57	0.072
7/30/2019	0:54	18.56	0.05
7/30/2019	0:55	18.55	0.056
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7/30/2019	0:57	18.53	0.048
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7/30/2019	0:59	18.53	0.082
7/30/2019	1:00	18.53	0.068
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7/30/2019	1:02	18.5	0.088
7/30/2019	1:03	18.49	0.09
7/30/2019	1:04	18.48	0.103
7/30/2019	1:05	18.47	0.165
7/30/2019	1:06	18.46	0.114
7/30/2019	1:07	18.47	0.101
7/30/2019	1:08	18.48	0.077
7/30/2019	1:09	18.48	0.048
7/30/2019	1:10	18.47	0.034
7/30/2019	1:11	18.48	0.057
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7/30/2019	1:13	18.48	0.069
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7/30/2019	1:16	18.46	0.133
7/30/2019	1:17	18.43	0.143
7/30/2019	1:18	18.39	0.105
7/30/2019	1:19	18.36	0.108
7/30/2019	1:20	18.34	0.084
7/30/2019	1:21	18.33	0.064
7/30/2019	1:22	18.34	0.085
7/30/2019	1:23	18.35	0.086
7/30/2019	1:24	18.35	0.084
7/30/2019	1:25	18.35	0.172
7/30/2019	1:26	18.35	0.178
7/30/2019	1:27	18.33	0.179
7/30/2019	1:28	18.33	0.206
7/30/2019	1:29	18.33	0.219
7/30/2019	1:30	18.33	0.197
7/30/2019	1:31	18.33	0.212
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266.4	141.7116497	18.62
266.9	141.6197787	18.63
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282.5	144.220467	18.63
288.2	147.9687897	18.61
292.5	151.9449052	18.6
292.1	151.529758	18.58
282.8	144.3776216	18.57
291	150.437296	18.57
301.1	163.4605101	18.57
302.2	165.3383346	18.56
329.6	158.5161218	18.55
343.4	142.0185516	18.55
328.4	160.5962459	18.55
320.4	178.1226162	18.54
328.9	159.7144084	18.54
316.8	188.6095808	18.53
328.8	159.8890273	18.5
326.9	163.3767931	18.48
336.8	148.379085	18.47
330.2	157.5218261	18.46
331	156.2417902	18.45
331.4	155.6208578	18.44
327.2	162.8040494	18.44
320.7	177.3320297	18.46
327	163.184934	18.48
286.2	146.4659307	18.48
256.9	145.5997344	18.48
279.5	142.8813029	18.49
314.9	194.9814553	18.51
306	172.6759748	18.52
310.3	182.824721	18.52
310.9	184.4211537	18.51
297.8	158.4157786	18.49
303.7	168.0709172	18.46
298.7	159.7081601	18.42
349.4	138.2203136	18.37
308	177.1284437	18.34
332	154.712722	18.34
301.1	163.4605101	18.35
293.6	153.1370917	18.36
330.9	156.3989918	18.38
319.3	181.1257634	18.37
306.2	173.1016948	18.37
310.4	183.0874794	18.35
311.1	184.9640411	18.34
302.3	165.5142265	18.34
307.2	175.2945059	18.34
313.7	192.5433417	18.34
317.7	185.8042924	18.33

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0.435	268
0.385	280.5
0.36	283.1
0.319	277.8
0.354	281.1
0.334	281
0.379	280
0.343	289.6
0.279	294.1
0.201	307.7
0.194	314.7
0.181	328
0.214	313.8
0.223	313.5
0.271	318.1
0.335	322.2
0.348	321.6
0.367	323.2
0.375	321.7
0.4	324.8
0.433	320.9
0.466	316.6
0.433	314.8
0.413	317.9
0.265	325.9
0.15	317.8
0.104	320.4
0.128	299.6
0.177	299.4
0.175	309.5
0.221	311.3
0.316	305.8
0.331	298
0.438	302.7
0.408	297.4
0.287	344.9
0.218	308.1
0.254	313
0.21	303.5
0.255	300.4
0.297	312.4
0.392	307.4
0.408	299.1
0.412	300.4
0.406	303
0.525	288.1
0.451	295.5
0.436	301.6
0.4	304.6

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141.2825466	18.73
141.4559546	18.76
143.2813061	18.78
144.539086	18.77
142.3054699	18.75
143.5434164	18.73
143.4985715	18.7
143.0755769	18.7
149.1482972	18.7
153.7040237	18.69
176.4322033	18.68
195.6900033	18.67
161.3176459	18.66
195.7142115	18.66
191.9241395	18.66
184.5985921	18.66
173.55231	18.64
175.0303206	18.62
171.184873	18.6
174.7809062	18.58
167.6326681	18.58
176.811543	18.56
189.2509084	18.56
195.3347893	18.57
185.1983516	18.59
165.3484246	18.6
185.5005447	18.61
178.1226162	18.62
161.0618684	18.64
160.7556316	18.66
180.7691609	18.66
185.5124012	18.67
172.2544374	18.66
158.6977847	18.63
166.2266321	18.6
157.8605159	18.57
140.9038772	18.51
177.3628294	18.49
190.403504	18.5
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188.6290418	18.54
175.7462142	18.54
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162.3184643	18.51
166.7703272	18.49
147.8886214	18.48
155.3774631	18.48
164.3012465	18.47
169.810806	18.45

0.288	294.7	154.4054945	18.9	0.456	287.9	147.7298938
0.307	273.1	141.3790081	18.91	0.543	267.2	141.5698857
0.369	268.2	141.431807	18.95	0.632	261.6	143.1564895
0.406	282.3	144.1180804	18.97	0.633	271.2	141.2767366
0.374	284.5	145.3502763	18.97	0.561	276	141.8363207
0.372	281.4	143.6807474	18.96	0.599	273.4	141.4093904
0.418	284.6	145.4118964	18.93	0.583	277.3	142.1607573
0.373	282.5	144.220467	18.91	0.596	275.6	141.7514553
0.398	283.7	144.8750382	18.91	0.602	274.6	141.5698857
0.399	288.8	148.4611505	18.92	0.591	280.6	143.3238336
0.356	292	151.4274771	18.9	0.497	285.1	145.7274513
0.305	304.9	170.4081994	18.88	0.444	290.8	150.2462872
0.244	309.4	180.5179243	18.87	0.381	298.6	159.5615734
0.272	319.1	181.6899539	18.87	0.393	307.8	176.6631365
0.266	314.8	195.3347893	18.86	0.442	306.5	173.7482078
0.306	313.7	192.5433417	18.86	0.469	306	172.6759748
0.385	320.6	177.5942369	18.86	0.559	316	191.2154206
0.451	323.4	170.7253164	18.85	0.667	321.4	175.5328989
0.466	323.7	170.0444603	18.83	0.678	321.7	174.7809062
0.481	325.7	165.7545685	18.81	0.665	324.3	168.7126952
0.47	323.4	170.7253164	18.8	0.71	324.1	169.1522337
0.535	327.1	162.994021	18.79	0.711	328	161.3176459
0.596	326.1	164.946271	18.78	0.829	328.3	160.7752562
0.576	320.1	178.9252109	18.77	0.776	322.9	171.8828066
0.576	317.8	185.5005447	18.77	0.736	320.5	177.8577632
0.513	322.4	173.0693692	18.78	0.699	325.3	166.5789856
0.344	325.4	166.3713526	18.8	0.581	326.5	164.1537804
0.216	318.3	184.0049395	18.8	0.392	320.9	176.811543
0.162	314.2	195.7142115	18.81	0.309	322.6	172.5912057
0.207	310.4	183.0874794	18.83	0.224	313.7	192.5433417
0.226	303	166.7703272	18.83	0.305	306.3	173.3161361
0.253	313.7	192.5433417	18.83	0.385	315.9	191.5488631
0.37	314.6	195.7142115	18.84	0.532	317.7	185.8042924
0.462	309.8	181.5304128	18.84	0.651	314.2	195.7142115
0.453	304.3	169.2222095	18.83	0.622	310.6	183.6169505
0.547	309.2	180.0191816	18.81	0.719	314.3	195.7142115
0.536	300.9	163.1300876	18.8	0.747	303.9	168.4508857
0.431	340.8	144.2299319	18.76	0.599	335.1	150.441715
0.297	316.3	190.2254851	18.75	0.513	319.5	180.5672593
0.374	316.4	189.898934	18.76	0.562	318.7	182.8356637
0.316	311	184.6919171	18.78	0.519	313.8	195.7142115
0.379	305.7	172.0452245	18.78	0.544	310.5	183.3515534
0.469	316.5	189.5740787	18.8	0.677	318.7	182.8356637
0.574	311	184.6919171	18.8	0.773	315.4	193.2425592
0.575	304.8	170.2080831	18.81	0.777	309.9	181.7867003
0.614	303.1	166.9533691	18.78	0.776	309	179.5253688
0.646	305.3	171.2186266	18.76	0.754	308.6	178.5523232
0.637	293.6	153.1370917	18.74	0.801	298.6	159.5615734
0.64	298.4	159.2706591	18.73	0.767	300.4	162.3184643
0.627	304.7	170.0089535	18.71	0.729	307.4	175.7462142
0.589	308.5	178.312062	18.7	0.725	311.6	186.3453391

19.15	0.572	280	143.0755769	152.6380219	Yes
19.15	0.66	264.9	142.0529811	141.4857725	Yes
19.19	0.763	264.5	142.1607573	141.9160074	Yes
19.22	0.727	269.7	141.3057907	143.9856528	Yes
19.24	0.704	270.4	141.2801795	143.9865375	Yes
19.26	0.726	268.7	141.3790081	143.8410994	Yes
19.25	0.72	272.3	141.3169846	145.7652438	Yes
19.24	0.738	270.8	141.2750152	145.250063	Yes
19.24	0.749	274.1	141.4954247	143.4745306	Yes
19.24	0.748	277.6	142.2462495	147.8426443	Yes
19.2	0.694	280.6	143.3238336	153.5798655	Yes
19.18	0.616	281.4	143.6807474	165.6062561	Yes
19.16	0.593	286.2	146.4659307	173.5714057	Yes
19.15	0.591	291.2	150.6306288	165.422322	Yes
19.13	0.606	295	154.7650203	181.3483636	Yes
19.13	0.668	296.1	156.1345891	183.816518	Yes
19.13	0.741	305.3	171.2186266	178.2806645	Yes
19.14	0.861	309.3	180.2679334	177.1050265	Yes
19.14	0.889	311.3	185.5124012	169.9361786	Yes
19.11	0.88	316.7	188.9294126	167.2572325	Yes
19.1	0.915	319.3	181.1257634	165.7593853	Yes
19.08	0.924	325.8	165.5509953	162.3665403	Yes
19.04	1.055	326	165.1468514	164.6937151	Yes
19.01	1.018	321.3	175.7860767	173.9199459	Yes
19.01	0.932	319.7	180.0143756	180.3742866	Yes
19.01	0.915	325	167.2080708	175.544684	Yes
19.01	0.796	328.9	159.7144084	164.7646229	Yes
19.01	0.571	325.2	166.7876462	173.1957395	Yes
19.01	0.419	325.7	165.7545685	173.006942	Yes
19.01	0.429	315.6	192.5597384	169.8934981	Yes
19	0.418	312.5	188.9210494	173.9558875	Yes
19	0.524	317.9	185.1983516	184.3843351	Yes
19.01	0.694	318.3	184.0049395	187.4639065	Yes
19.03	0.823	317.5	186.4164902	183.4800539	Yes
19.05	0.864	313.7	192.5433417	167.4881808	Yes
19.08	0.978	315	194.6299891	177.5077356	Yes
19.11	1.042	304.8	170.2080831	162.2874123	Yes
19.12	0.829	324.7	167.8465446	143.4489594	Yes
19.13	0.777	314.5	195.7142115	181.3210044	Yes
19.16	0.805	314.7	195.6900033	179.4627059	Yes
19.19	0.785	308.6	178.5523232	177.8903341	Yes
19.2	0.814	307.4	175.7462142	167.7130835	Yes
19.23	0.894	312.3	188.3385084	179.359444	Yes
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19.24	1.062	308.7	178.7937782	171.3496462	Yes
19.24	1.114	308.3	177.8350956	172.9711704	Yes
19.22	1.151	308.9	179.2802945	175.3763295	Yes
19.21	1.143	303.4	167.507983	156.5253782	Yes
19.19	1.105	304.3	169.2222095	163.0652731	Yes
19.16	1.111	308.4	178.0729882	175.649939	Yes
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0.64	317.1	187.6599662	18.54	0.803	322.1	173.7955882
0.691	311.2	185.2375331	18.54	0.802	317.7	185.8042924
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0.685	317	187.9748679	18.48	0.807	320.1	178.9252109
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0.639	320.9	176.811543	18.46	0.87	323.2	171.184873
0.66	318.5	183.4173207	18.46	0.78	322.1	173.7955882
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0.555	319.1	181.6899539	18.46	0.72	324.5	168.2774801
0.602	316.4	189.898934	18.44	0.771	321.2	176.0405229
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19.07	0.974	306	172.6759748	168.7490077	Yes
19	0.984	309.8	181.5304128	185.783813	Yes
18.93	0.999	313.2	191.0071128	186.4822341	Yes
18.88	1.017	317.2	187.3466876	178.7656973	Yes
18.85	0.976	318.6	183.1257514	184.255292	Yes
18.83	0.979	321.1	176.2962446	170.1245039	Yes
18.82	0.968	323	171.6490075	166.0872016	Yes
18.81	0.941	324.9	167.4198452	160.6961962	Yes
18.79	0.913	322.7	172.3538995	179.6730182	Yes
18.77	0.938	320.9	176.811543	185.1221369	Yes
18.77	1.073	320.9	176.811543	180.0341346	Yes
18.76	1.099	318.3	184.0049395	185.9010872	Yes
18.72	1.101	318	184.8977039	183.7137959	Yes
18.69	1.084	318.5	183.4173207	185.964139	Yes
18.65	1.041	319.4	180.8458047	186.2934753	Yes
18.63	1.028	319.8	179.7400211	182.7818884	Yes
18.62	1.001	321.7	174.7809062	170.5689449	Yes
18.62	1.082	320.1	178.9252109	184.7298309	Yes
18.63	0.985	320.7	177.3320297	180.9083909	Yes
18.63	1.045	320	179.1954466	179.1526767	Yes
18.65	1.079	318.5	183.4173207	183.8720322	Yes
18.67	1.154	317.2	187.3466876	182.7102254	Yes
18.71	1.151	316.8	188.6095808	182.5699345	Yes
18.72	1.023	317.5	186.4164902	187.1997741	Yes
18.7	0.818	321.8	174.5327325	164.5018901	Yes
18.66	0.747	325.7	165.7545685	158.1359402	Yes
18.64	0.867	321.8	174.5327325	179.7571797	Yes
18.63	1.02	320.6	177.5942369	181.5504344	Yes
18.65	1.025	321.5	175.2809825	183.5315338	Yes
18.66	1.015	322	174.0400802	176.6534125	Yes
18.67	1.01	321.7	174.7809062	179.9672184	Yes
18.66	0.982	318.1	184.5985921	184.1084937	Yes
18.67	1.132	318	184.8977039	187.1282274	Yes
18.71	1.232	315.4	193.2425592	186.5092296	Yes
18.71	1.12	316	191.2154206	188.0421147	Yes
18.7	0.963	318.6	183.1257514	189.7336933	Yes
18.7	0.858	320.9	176.811543	180.6795264	Yes
18.72	0.778	318	184.8977039	182.9632321	Yes
18.74	0.857	316.1	190.8837175	179.2344146	Yes
18.76	1.046	314.1	195.7142115	180.1052871	Yes
18.78	1.261	312.4	188.6290418	179.4352306	Yes
18.76	1.251	310.6	183.6169505	175.8826374	Yes
18.73	1.195	306.6	173.9658487	167.845284	Yes
18.68	1.088	298.5	159.4157407	153.9093836	Yes
18.58	1.061	295.4	155.2536405	152.815891	Yes
18.53	0.913	298.9	160.0036074	161.2052564	Yes
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18.51	0.686	305.7	172.0452245	191.4074654	Yes
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308.7	178.7937782	17.99
313.9	195.7142115	17.98
297.7	158.2758734	17.97
304.2	169.0279442	17.96
305.7	172.0452245	17.97
292.1	151.529758	17.98
294.6	154.2869623	17.98
266.7	141.6552183	17.97
289.7	149.2366877	17.96
42.4	180.8458047	17.94
49.01	189.7762876	17.94
54	176.6631365	17.92
34.67	162.9369308	17.9
257.3	145.3502763	17.87
271.9	141.2963201	17.85
286.8	146.8948028	17.84
290.8	150.2462872	17.83
291.4	150.8262993	17.83
291.1	150.5336711	17.83
293.2	152.6948941	17.84
283.4	144.7048835	17.82
283.4	144.7048835	17.81
295.9	155.8794948	17.81
295.2	155.008001	17.83
292.4	151.8402112	17.86
310.1	182.3031224	17.88
303.2	167.137323	17.89
310	182.0442679	17.9
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292.1	151.529758	17.92
277.8	142.3054699	17.91
287.4	147.3423991	17.9
287.6	147.4958051	17.88
321.8	174.5327325	17.87
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321	176.5532489	17.82
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72.05	149.2810929	17.78
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317.5	186.4164902	17.75
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303.9	168.4508857	17.75
298.3	159.1263255	17.75
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293.1	152.5859038	17.73
299.5	160.9083592	17.73

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0.282	318.9
0.251	319.7
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0.323	309.1
0.409	301.3
0.442	301.4
0.423	296.1
0.386	297.6
0.241	294.6
0.168	307.8
0.112	300.6
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0.205	47.56
0.168	52.03
0.151	43.28
0.044	297.5
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0.437	296.2
0.383	293.3
0.485	291.4
0.632	286.9
0.594	281.6
0.68	281.6
0.509	292.3
0.374	292.9
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0.298	306.2
0.371	304.5
0.384	308.7
0.41	308.6
0.281	292.7
0.301	281.5
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0.355	316.9
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0.251	342.8
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0.171	292.8
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0.26	310.3
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0.219	314.9

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152.3697801	17.93
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178.7937782	18.01
178.5523232	18.02
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143.7274589	18.01
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148.7146909	17.99
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178.9252109	17.95
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184.2713322	17.88
139.6529623	17.88
142.4968525	17.89
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185.5124012	17.87
194.9814553	17.86

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0.441	317	187.9748679	18.23	0.564	319.7	180.0143756
0.458	313.3	191.3112307	18.25	0.524	317.5	186.4164902
0.533	307.2	175.2945059	18.25	0.631	312.8	189.8060036
0.65	301.7	164.4719393	18.25	0.732	305.3	171.2186266
0.679	301	163.294883	18.26	0.787	305.3	171.2186266
0.603	297.3	157.7235069	18.26	0.698	300.6	162.6406568
0.527	296	156.0067	18.25	0.565	299.3	160.6036824
0.393	293.5	153.0256028	18.22	0.464	296.9	157.1826166
0.203	296.1	156.1345891	18.2	0.285	299.4	160.7556316
0.168	294.9	154.6445213	18.19	0.22	296.9	157.1826166
0.147	344.9	140.9038772	18.18	0.197	330.2	157.5218261
0.307	46.04	192.0186258	18.17	0.283	22.69	145.867652
0.311	55.74	172.8032498	18.16	0.342	33.84	161.3905759
0.255	54.79	174.8694972	18.13	0.306	37.17	167.9968879
0.079	332.9	153.4015168	18.1	0.153	14.43	139.3117414
0.287	284.5	145.3502763	18.08	0.22	303.7	168.0709172
0.547	294.5	154.1690811	18.09	0.573	305.1	170.8114111
0.669	298.6	159.5615734	18.16	0.801	307.7	176.4322033
0.575	295.1	154.8861795	18.18	0.651	299.7	161.2161624
0.633	294.5	154.1690811	18.15	0.689	296.3	156.3924283
0.853	290.2	149.6870709	18.14	0.938	290.9	150.341502
0.839	284.4	145.2891508	18.11	0.949	285.4	145.922785
0.86	285.8	146.1902907	18.1	0.98	285.6	146.0555256
0.866	294	153.5893653	18.09	0.875	296.6	156.7843776
0.606	295.2	155.008001	18.11	0.697	299.8	161.3712442
0.452	297.5	157.9982448	18.14	0.533	301.8	164.6434892
0.519	305	170.6093072	18.15	0.581	306.1	172.8883094
0.582	304.1	168.8346381	18.15	0.648	307.1	175.0703199
0.606	307.5	175.9737479	18.17	0.684	310.9	184.4211537
0.569	305.8	172.2544374	18.18	0.665	308.4	178.0729882
0.418	297.3	157.7235069	18.17	0.466	300	161.6837847
0.351	285.7	146.1226545	18.16	0.388	283	144.4847842
0.411	290.8	150.2462872	18.15	0.476	292.1	151.529758
0.445	290.7	150.1516501	18.16	0.521	291.6	151.0243214
0.573	310.7	183.8836779	18.15	0.623	311.4	185.7886529
0.578	315.4	193.2425592	18.13	0.658	318	184.8977039
0.251	321.9	174.2857928	18.1	0.34	326.2	164.7466785
0.098	335.4	150.0639356	18.08	0.192	325.2	166.7876462
0.108	26.32	149.9642081	18.07	0.16	355.2	136.1185285
0.277	343.1	142.25535	18.06	0.355	340.5	144.5088047
0.388	336.3	148.9662571	18.07	0.507	338.7	146.2898835
0.335	327.4	162.4269132	18.08	0.493	334.7	150.9548471
0.322	299	160.152474	18.09	0.389	316.2	190.5537426
0.434	307.2	175.2945059	18.1	0.535	318	184.8977039
0.435	306.4	173.5316387	18.1	0.563	316.2	190.5537426
0.382	308.4	178.0729882	18.09	0.488	319.2	181.4071437
0.321	305	170.6093072	18.07	0.374	316.6	189.2509084
0.355	309.6	181.0216499	18.05	0.441	316.6	189.2509084

18.52	0.788	302.5	165.8686538	173.0255717	Yes
18.52	0.832	304.9	170.4081994	177.4199869	Yes
18.52	0.849	308	177.1284437	186.5002682	Yes
18.53	0.825	312.2	188.0494405	176.6720938	Yes
18.57	0.808	312.3	188.3385084	187.0346005	Yes
18.57	0.924	309	179.5253688	185.1465958	Yes
18.59	1.075	305.8	172.2544374	164.4401783	Yes
18.62	1.093	304.4	169.4174385	166.8759678	Yes
18.57	0.997	300.1	161.8412498	162.1359943	Yes
18.51	0.825	299.2	160.4525084	156.5692092	Yes
18.46	0.676	295.4	155.2536405	154.695536	Yes
18.43	0.514	293.2	152.6948941	158.8021439	Yes
18.41	0.425	291.3	150.728171	155.9261206	Yes
18.4	0.305	311	184.6919171	154.0670226	Yes
18.37	0.248	3.494	135.5844314	180.4774475	Yes
18.35	0.341	27.43	151.386395	173.0776843	Yes
18.33	0.399	33.25	160.3293909	172.2905509	Yes
18.31	0.266	359.6	135.4803714	149.0154448	Yes
18.32	0.359	319.2	181.4071437	149.3364835	Yes
18.36	0.803	308.6	178.5523232	156.1975092	Yes
18.46	1.067	306.1	172.8883094	160.625807	Yes
18.5	0.99	300.1	161.8412498	154.9332868	Yes
18.44	1.025	295	154.7650203	152.98037	Yes
18.41	1.225	292.2	151.6326395	149.9228904	Yes
18.38	1.262	290.3	149.7788447	144.9228646	Yes
18.39	1.34	291.5	150.9250156	145.1813347	Yes
18.42	1.297	299.9	161.5271173	154.4973403	Yes
18.45	1.072	301.3	163.7942737	155.9392566	Yes
18.46	0.82	301.3	163.7942737	158.3304591	Yes
18.45	0.832	303.8	168.2604307	174.7256084	Yes
18.44	0.956	306.2	173.1016948	170.1639792	Yes
18.44	0.968	306.9	174.6252563	180.3082369	Yes
18.42	0.9	307	174.8472386	173.6426868	Yes
18.4	0.641	300.5	162.4791534	155.7732922	Yes
18.36	0.538	289	148.6296284	144.1600919	Yes
18.34	0.69	293	152.4775331	150.3989944	Yes
18.35	0.76	291.2	150.6306288	149.3466169	Yes
18.33	0.769	305.3	171.2186266	183.1241165	Yes
18.29	0.829	312.2	188.0494405	186.4187637	Yes
18.27	0.509	311.8	186.9076557	167.0365384	Yes
18.24	0.304	311.1	184.9640411	151.699591	Yes
18.22	0.198	322.3	173.3102392	154.9087904	Yes
18.2	0.382	330.5	157.0357721	141.5797041	Yes
18.19	0.565	333.1	153.1182603	144.0951526	Yes
18.21	0.565	329.8	158.1813694	163.5535905	Yes
18.24	0.564	314.5	195.7142115	162.0645025	Yes
18.28	0.71	318.1	184.5985921	177.3530641	Yes
18.32	0.761	316.6	189.2509084	176.509107	Yes
18.33	0.721	319.6	180.290119	180.0825602	Yes
18.32	0.579	314.9	194.9814553	174.4896301	Yes
18.28	0.591	315.4	193.2425592	181.5405932	Yes

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7/30/2019	3:17	17.65	0.073
7/30/2019	3:18	17.64	0.063
7/30/2019	3:19	17.63	0.074
7/30/2019	3:20	17.63	0.068
7/30/2019	3:21	17.64	0.065
7/30/2019	3:22	17.65	0.053
7/30/2019	3:23	17.65	0.059
7/30/2019	3:24	17.65	0.105
7/30/2019	3:25	17.65	0.083
7/30/2019	3:26	17.65	0.033
7/30/2019	3:27	17.64	0.023
7/30/2019	3:28	17.63	0.034
7/30/2019	3:29	17.62	0.042
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7/30/2019	3:31	17.65	0.075
7/30/2019	3:32	17.64	0.072
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7/30/2019	3:37	17.55	0.033
7/30/2019	3:38	17.52	0.022
7/30/2019	3:39	17.5	0.039
7/30/2019	3:40	17.48	0.045
7/30/2019	3:41	17.46	0.055
7/30/2019	3:42	17.45	0.081
7/30/2019	3:43	17.45	0.09
7/30/2019	3:44	17.45	0.091
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7/30/2019	3:46	17.44	0.093
7/30/2019	3:47	17.43	0.09
7/30/2019	3:48	17.43	0.095
7/30/2019	3:49	17.44	0.122
7/30/2019	3:50	17.46	0.098
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7/30/2019	3:52	17.52	0.126
7/30/2019	3:53	17.54	0.082
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7/30/2019	3:56	17.54	0.154
7/30/2019	3:57	17.53	0.205
7/30/2019	3:58	17.52	0.187
7/30/2019	3:59	17.52	0.13
7/30/2019	4:00	17.51	0.16
7/30/2019	4:01	17.51	0.143
7/30/2019	4:02	17.51	0.154
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301.3	163.7942737	17.66
301.2	163.6269725	17.66
277	142.0792607	17.66
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263.7	142.397648	17.65
267	141.6027124	17.69
283.6	144.8178344	17.7
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235	174.4043676	17.64
154	151.8792052	17.62
132.1	187.7618297	17.58
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9.32	136.9213367	17.5
7	136.2167669	17.47
344.5	141.1899582	17.46
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351.8	137.171973	17.45
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333.7	152.2858181	17.44
351.7	137.21054	17.44
332.1	154.5640391	17.43
320.9	176.811543	17.44
316	191.2154206	17.43
319.1	181.6899539	17.43
336.8	148.379085	17.45
348	138.952495	17.47
315.9	191.5488631	17.48
324.3	168.7126952	17.51
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321	176.5532489	17.55
317.6	186.1096044	17.56
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308	177.1284437	17.54
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311.9	187.1909456	17.52
314.8	195.3347893	17.52
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318	184.8977039	17.52
315.1	194.2803784	17.51
316.6	189.2509084	17.51

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0.292	330.3
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0.287	343.2
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0.179	296
0.197	254.5
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0.093	156.6
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0.331	332.4
0.383	340
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0.324	341.4
0.373	330.6
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0.495	326.9
0.468	327.7
0.505	328.5
0.487	328.4
0.53	328.8
0.462	324.3
0.457	320.7
0.427	314.4
0.478	310.7
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0.345	312.9
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0.358	319.2
0.413	320.2
0.403	320.4
0.395	321.4

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152.2858181	17.77
167.6326681	17.79
187.035022	17.8
181.4071437	17.8
144.6975271	17.8
138.2203136	17.79
157.1826166	17.78
142.8813029	17.79
144.220467	17.82
156.0067	17.83
147.2664881	17.8
157.0357721	17.76
158.5161218	17.72
178.7937782	17.69
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159.8890273	17.65
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184.9640411	17.63
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190.1039947	17.64
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178.6563324	17.67
178.1226162	17.67
175.5328989	17.66

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0.466	310.9	184.4211537	17.97	0.573	317.3	187.035022
0.465	314.2	195.7142115	17.94	0.518	320.6	177.5942369
0.427	324	169.3736382	17.92	0.522	330.1	157.6854758
0.523	331.1	156.0853794	17.93	0.616	335.9	149.4475739
0.483	339	145.9799608	17.94	0.565	342.1	143.0788632
0.446	337.6	147.4724086	17.96	0.562	342.4	142.8262379
0.478	330.8	156.5569873	17.98	0.594	338	147.0339187
0.497	323	171.6490075	18	0.575	332.9	153.4015168
0.458	317.7	185.8042924	18.01	0.586	327.7	161.8681603
0.365	315.8	191.884056	18.02	0.485	329	159.540656
0.255	330.4	157.1969778	18.01	0.386	338.4	146.6051528
0.192	340.1	144.8885107	18.01	0.332	345.1	140.7638403
0.148	308.7	178.7937782	18.02	0.256	332.9	153.4015168
0.23	291.4	150.8262993	18.02	0.261	319	181.9742025
0.323	290.3	149.7788447	18.02	0.356	310.7	183.8836779
0.311	296.4	156.5223835	18.02	0.362	311	184.6919171
0.275	262.3	142.8813029	17.99	0.264	261	143.4102756
0.228	233.2	178.5523232	17.94	0.259	229.8	187.4756675
0.099	183.7	135.6073966	17.91	0.128	212.9	159.7144084
0.187	146.5	164.1537804	17.87	0.14	172.7	136.8445673
0.158	165.7	140.355632	17.84	0.115	197.6	141.4098131
0.086	359.1	135.5123672	17.81	0.129	330.9	156.3989918
0.174	342.2	142.9941199	17.83	0.278	344.5	141.1899582
0.311	338.1	146.9258206	17.87	0.456	341.5	143.5986496
0.428	327.3	162.6150149	17.89	0.565	335.4	150.0639356
0.514	325.5	166.1647422	17.88	0.679	334.6	151.0848301
0.518	333.4	152.6988115	17.84	0.677	339	145.9799608
0.529	337.8	147.2519401	17.8	0.611	340.6	144.4152874
0.509	337.3	147.8077356	17.79	0.633	341.6	143.5106627
0.522	326.4	164.3504379	17.79	0.648	335.4	150.0639356
0.556	321	176.5532489	17.78	0.69	329.4	158.8542338
0.548	320.2	178.6563324	17.76	0.667	329.1	159.3677662
0.616	319.7	180.0143756	17.74	0.758	328.9	159.7144084
0.624	321.1	176.2962446	17.76	0.798	328.7	160.0645165
0.67	321.3	175.7860767	17.78	0.781	328.4	160.5962459
0.741	320.9	176.811543	17.8	0.821	328.4	160.5962459
0.632	324.4	168.49455	17.82	0.794	330.4	157.1969778
0.623	326.3	164.548069	17.84	0.825	332.1	154.5640391
0.648	320.5	177.8577632	17.85	0.727	327.4	162.4269132
0.604	317.2	187.3466876	17.86	0.688	324.8	167.6326681
0.69	311.4	185.7886529	17.85	0.719	319.2	181.4071437
0.662	305.8	172.2544374	17.84	0.755	314	195.7142115
0.565	307.1	175.0703199	17.84	0.663	315.1	194.2803784
0.555	310	182.0442679	17.84	0.615	318.1	184.5985921
0.614	309.7	181.2753983	17.87	0.677	317.3	187.035022
0.641	312.2	188.0494405	17.89	0.76	321.1	176.2962446
0.607	314.3	195.7142115	17.92	0.727	323	171.6490075
0.643	316.6	189.2509084	17.94	0.798	324.6	168.0614801
0.672	315.3	193.5866754	17.95	0.802	323.5	170.4972397
0.639	315.4	193.2425592	17.95	0.762	324.2	168.9319213

18.24	0.743	320.3	178.3888034	186.5372247	Yes
18.19	0.847	320.5	177.8577632	181.5794608	Yes
18.17	0.808	320.9	176.811543	178.6075001	Yes
18.15	0.75	328	161.3176459	165.1785883	Yes
18.18	0.846	335.2	150.3151193	152.3524616	Yes
18.19	0.794	342.3	142.9099119	142.9823223	Yes
18.19	0.772	343.5	141.9406579	145.3174587	Yes
18.2	0.757	340.1	144.8885107	149.2306594	Yes
18.22	0.817	333.6	152.4227699	171.5674669	Yes
18.23	0.794	329	159.540656	179.514757	Yes
18.26	0.695	327.5	162.2397397	174.1565324	Yes
18.26	0.568	337	148.1486618	153.0316575	Yes
18.25	0.507	342.7	142.5784051	141.4879813	Yes
18.26	0.444	334.5	151.2154981	160.0265207	Yes
18.26	0.427	324.3	168.7126952	154.5198632	Yes
18.27	0.554	318.6	183.1257514	154.8714255	Yes
18.27	0.58	319.4	180.8458047	160.5097088	Yes
18.23	0.336	287.7	147.5733027	145.6546329	Yes
18.16	0.277	262.9	142.6631883	174.3670326	Yes
18.12	0.13	271	141.2750152	151.429283	Yes
18.08	0.058	235.7	172.8883094	166.8884889	Yes
18.04	0.062	287.4	147.3423991	141.4830471	Yes
18.02	0.221	343.7	141.786421	141.1600344	Yes
18.03	0.382	345.8	140.2893212	139.6071186	Yes
18.04	0.537	342.7	142.5784051	143.433245	Yes
18.04	0.718	339.8	145.1792559	164.5548764	Yes
18.06	0.947	338.7	146.2898835	152.136014	Yes
18.04	0.913	341.9	143.249962	150.3372757	Yes
18.03	0.847	342	143.1641434	146.5520989	Yes
18.02	0.851	343.2	142.1758963	143.0540302	Yes
18.01	0.885	338.3	146.7114396	156.4634467	Yes
18.01	0.907	332.3	154.2689366	168.8989547	Yes
17.99	0.953	332.1	154.5640391	173.646986	Yes
17.98	1.01	332	154.712722	171.1988828	Yes
17.99	1.047	330.8	156.5569873	162.0291598	Yes
18.01	1.019	328	161.3176459	159.3007445	Yes
18.01	1.013	329.1	159.3677662	172.3436934	Yes
18.03	0.974	330.1	157.6854758	163.7501172	Yes
18.04	0.972	332.2	154.4161117	165.8999319	Yes
18.04	0.94	328.2	160.955157	171.3876551	Yes
18.04	0.954	326	165.1468514	179.6052474	Yes
18.04	0.99	321.8	174.5327325	185.6704176	Yes
18.05	1.015	319.3	181.1257634	182.2451926	Yes
18.06	0.935	318.8	182.5470487	178.5425608	Yes
18.08	0.93	320.4	178.1226162	187.6698665	Yes
18.14	0.997	320.4	178.1226162	186.4013402	Yes
18.2	1.059	321.4	175.5328989	186.6013585	Yes
18.25	1.052	322	174.0400802	185.7626853	Yes
18.29	1.056	322.6	172.5912057	180.2166062	Yes
18.32	1.11	322.3	173.3102392	184.1217275	Yes
18.35	1.08	322.7	172.3538995	181.7395719	Yes

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0.384	307.7	176.4322033	17.98	0.496	314	195.7142115
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0.381	296.3	156.3924283	17.9	0.528	303.6	167.8823409
0.449	288.3	148.0494963	17.89	0.567	296	156.0067
0.599	289	148.6296284	17.9	0.691	294.9	154.6445213
0.664	291.2	150.6306288	17.95	0.788	296.8	157.0491672
0.627	291.8	151.2247092	17.98	0.736	297	157.3167727
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0.351	271.2	141.2767366	17.88	0.521	270.1	141.2885722
0.361	282.7	144.324759	17.87	0.436	279.6	142.919245
0.407	285.5	145.9889028	17.88	0.484	281	143.4985715
0.457	293.5	153.0256028	17.88	0.529	289.2	148.8003043
0.445	295.8	155.7529709	17.86	0.545	293	152.4775331
0.479	293.5	153.0256028	17.8	0.54	291.9	151.3257947
0.472	287.2	147.1911034	17.74	0.514	284.6	145.4118964
0.464	283.9	144.9909076	17.69	0.535	280.2	143.1564895
0.377	285.2	145.7920604	17.63	0.422	279.2	142.7702052
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0.388	284.8	145.5366244	17.51	0.43	278	142.366475
0.384	286	146.3270894	17.48	0.432	279.1	142.7340803
0.426	283.7	144.8750382	17.46	0.454	278.5	142.5268211
0.416	284.7	145.4740121	17.43	0.446	281.6	143.7746389
0.436	282.1	144.0175927	17.41	0.466	277	142.0792607
0.45	282.5	144.220467	17.4	0.491	278	142.366475
0.419	279	142.6984082	17.4	0.532	274.3	141.5239064
0.447	281.1	143.5434164	17.4	0.505	276.7	142.0017483
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0.397	278.7	142.5941034	17.39	0.495	273.6	141.431807
0.397	275.9	141.8144468	17.38	0.49	272.1	141.3057907
0.334	275.5	141.7313339	17.34	0.439	272.2	141.3111722
0.382	269.4	141.3232279	17.33	0.538	268.1	141.4436643
0.356	270.2	141.2853442	17.32	0.528	267.7	141.4954247
0.377	266.7	141.6552183	17.32	0.491	264.4	142.1888102
0.356	272.7	141.344545	17.33	0.418	267.5	141.5239064
0.411	276	141.8363207	17.31	0.501	271	141.2750152
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18.42	0.983	321.5	175.2809825	183.4628671	Yes
18.45	0.984	320.6	177.5942369	179.3804297	Yes
18.48	0.957	319.9	179.4670474	172.4836355	Yes
18.5	0.894	319.7	180.0143756	179.9830187	Yes
18.48	0.836	316.7	188.9294126	176.7097328	Yes
18.44	0.834	314.4	195.7142115	182.463814	Yes
18.39	0.839	310.3	182.824721	181.6203065	Yes
18.36	0.937	308.1	177.3628294	165.7380963	Yes
18.36	0.869	306	172.6759748	156.7908873	Yes
18.36	0.898	303.3	167.3221929	148.8556022	Yes
18.43	1.066	303.8	168.2604307	148.2384023	Yes
18.54	1.157	304.7	170.0089535	151.5417928	Yes
18.63	1.106	302	164.9891752	150.6751406	Yes
18.67	1.038	295	154.7650203	144.6313577	Yes
18.61	0.697	275.9	141.8144468	143.266087	Yes
18.46	0.616	271.3	141.2782429	143.3356716	Yes
18.41	0.644	276	141.8363207	141.2804486	Yes
18.38	0.531	275.9	141.8144468	143.9643914	Yes
18.34	0.508	275.6	141.7514553	145.2045692	Yes
18.31	0.605	285.7	146.1226545	154.0075575	Yes
18.26	0.764	287.4	147.3423991	156.4312394	Yes
18.2	0.754	286.7	146.8220309	154.2563909	Yes
18.17	0.709	282.2	144.0675996	147.128577	Yes
18.14	0.649	272.2	141.3111722	144.5509749	Yes
18.08	0.547	277.9	142.3357491	147.8796054	Yes
17.97	0.462	276.7	142.0017483	143.8576532	Yes
17.91	0.478	272.2	141.3111722	144.2033819	Yes
17.88	0.535	275.3	141.6924026	146.3545237	Yes
17.86	0.592	283.4	144.7048835	146.0351552	Yes
17.85	0.631	286.1	146.3962542	144.8668305	Yes
17.84	0.703	286.2	146.4659307	147.8688489	Yes
17.83	0.674	281	143.4985715	144.3160077	Yes
17.86	0.758	280.2	143.1564895	145.02486	Yes
17.89	0.704	275.6	141.7514553	142.8972463	Yes
17.9	0.717	279.7	142.9576428	144.9462379	Yes
17.9	0.627	272.7	141.344545	142.02076	Yes
17.87	0.588	273.2	141.3887034	142.4871244	Yes
17.82	0.549	271.5	141.2825466	142.0763862	Yes
17.74	0.553	273.6	141.431807	142.0695641	Yes
17.76	0.644	267.3	141.5541247	141.6137887	Yes
17.76	0.612	266.9	141.6197787	141.3541205	Yes
17.72	0.604	264.1	142.2756368	142.2975558	Yes
17.68	0.52	268.3	141.4203824	141.949576	Yes
17.66	0.574	269.5	141.3169846	142.1060402	Yes
17.66	0.595	269.1	141.344545	142.4258316	Yes
17.7	0.653	268.4	141.4093904	141.6580979	Yes
17.68	0.568	275.4	141.7116497	143.9554122	Yes
17.64	0.644	278.2	142.4292686	143.5638401	Yes
17.72	0.678	279	142.6984082	143.3371407	Yes
17.79	0.786	279.6	142.919245	142.6442179	Yes

7/30/2019	4:57	16.89	0.115
7/30/2019	4:58	16.88	0.091
7/30/2019	4:59	16.86	0.129
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7/30/2019	5:01	16.86	0.103
7/30/2019	5:02	16.86	0.101
7/30/2019	5:03	16.86	0.123
7/30/2019	5:04	16.88	0.105
7/30/2019	5:05	16.89	0.12
7/30/2019	5:06	16.88	0.117
7/30/2019	5:07	16.87	0.102
7/30/2019	5:08	16.86	0.118
7/30/2019	5:09	16.88	0.112
7/30/2019	5:10	16.91	0.133
7/30/2019	5:11	16.95	0.127
7/30/2019	5:12	16.95	0.078
7/30/2019	5:13	16.93	0.126
7/30/2019	5:14	16.91	0.122
7/30/2019	5:15	16.91	0.111
7/30/2019	5:16	16.91	0.102
7/30/2019	5:17	16.91	0.128
7/30/2019	5:18	16.9	0.126
7/30/2019	5:19	16.88	0.17
7/30/2019	5:20	16.86	0.191
7/30/2019	5:21	16.83	0.186
7/30/2019	5:22	16.81	0.171
7/30/2019	5:23	16.79	0.175
7/30/2019	5:24	16.78	0.159
7/30/2019	5:25	16.77	0.148
7/30/2019	5:26	16.75	0.159
7/30/2019	5:27	16.73	0.141
7/30/2019	5:28	16.73	0.141
7/30/2019	5:29	16.72	0.169
7/30/2019	5:30	16.7	0.177
7/30/2019	5:31	16.69	0.141
7/30/2019	5:32	16.67	0.036
7/30/2019	5:33	16.65	0.105
7/30/2019	5:34	16.62	0.079
7/30/2019	5:35	16.61	0.06
7/30/2019	5:36	16.6	0.075
7/30/2019	5:37	16.59	0.132
7/30/2019	5:38	16.6	0.112
7/30/2019	5:39	16.61	0.068
7/30/2019	5:40	16.63	0.09
7/30/2019	5:41	16.63	0.079
7/30/2019	5:42	16.65	0.098
7/30/2019	5:43	16.66	0.091
7/30/2019	5:44	16.67	0.107
7/30/2019	5:45	16.68	0.1
7/30/2019	5:46	16.69	0.074
7/30/2019	5:47	16.7	0.143

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276	141.8363207	16.91
271	141.2750152	16.9
263.4	142.4938547	16.91
273.3	141.3988308	16.93
278.7	142.5941034	16.94
271.7	141.2885722	16.93
275.1	141.6552183	16.92
271.5	141.2825466	16.92
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255.9	146.2584353	16.98
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266.8	141.6372805	17.01
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270.5	141.2782429	16.98
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275.7	141.7720144	16.98
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304.8	170.2080831	16.73
299.6	161.0618684	16.72
302.5	165.8686538	16.7
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317.6	186.1096044	16.62
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0.359	275.3
0.353	270
0.362	273.6
0.368	270
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0.382	270.3
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0.298	295.9
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0.273	303.2
0.281	300
0.267	297.9
0.253	303.5
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0.218	314
0.233	314.2
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0.272	321.4
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161.0618684	16.96
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167.137323	16.91
161.6837847	16.89
158.5564148	16.87
167.6946976	16.86
169.6136358	16.85
161.0618684	16.84
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171.014516	16.79
158.0152438	16.77
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195.7142115	16.73
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173.0693692	16.75
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0.472	275.2	141.6735922	17.31	0.604	270.6	141.2767366
0.422	273	141.3697448	17.29	0.592	270.6	141.2767366
0.411	274.1	141.4954247	17.27	0.551	270.7	141.2756607
0.376	272.1	141.3057907	17.25	0.548	269.9	141.2963201
0.393	268.7	141.3790081	17.26	0.536	266.4	141.7116497
0.393	272.3	141.3169846	17.28	0.505	267.7	141.4954247
0.397	272.8	141.3525134	17.27	0.513	268	141.4559546
0.404	270.3	141.2825466	17.28	0.557	266.9	141.6197787
0.419	271.7	141.2885722	17.29	0.585	267.8	141.4818346
0.41	269.3	141.3299024	17.29	0.56	265.7	141.8586336
0.44	264.6	142.1331484	17.31	0.542	261.6	143.1564895
0.426	258.9	144.4309631	17.34	0.474	255.2	146.7497779
0.402	262.9	142.6631883	17.35	0.457	258.8	144.4847842
0.323	268.2	141.431807	17.34	0.452	263.1	142.5941034
0.455	271.1	141.2756607	17.37	0.589	266.5	141.6924026
0.462	272.5	141.3299024	17.37	0.617	267.3	141.5541247
0.49	274.8	141.6027124	17.41	0.622	268.5	141.3988308
0.438	278.7	142.5941034	17.42	0.549	272.9	141.3609132
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0.439	283.8	144.932729	17.38	0.567	282	143.9680589
0.523	287.4	147.3423991	17.35	0.614	284.8	145.5366244
0.448	288.2	147.9687897	17.3	0.557	285.6	146.0555256
0.489	290.2	149.6870709	17.25	0.585	288.1	147.8886214
0.479	289.9	149.4151502	17.21	0.565	289.1	148.7146909
0.421	289.5	149.0604651	17.18	0.527	288	147.8089898
0.436	291.7	151.1242187	17.14	0.502	290.9	150.341502
0.395	289.6	149.1482972	17.11	0.475	290.1	149.595865
0.406	288.6	148.294859	17.08	0.489	288.5	148.2125295
0.397	292.1	151.529758	17.06	0.464	291.6	151.0243214
0.355	293.4	152.9147416	17.04	0.415	294.2	153.8193224
0.419	290	149.5052253	17.03	0.457	291.8	151.2247092
0.398	290.1	149.595865	17	0.489	289.3	148.8864702
0.335	294.3	153.9352634	16.97	0.433	292	151.4274771
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0.346	304.4	169.4174385	16.91	0.395	303.1	166.9533691
0.331	305.6	171.8370419	16.91	0.43	304.8	170.2080831
0.321	310.5	183.3515534	16.9	0.432	310.3	182.824721
0.322	315.3	193.5866754	16.91	0.479	316.1	190.8837175
0.442	316.8	188.6095808	16.94	0.515	324.4	168.49455
0.452	315.4	193.2425592	17.06	0.608	323.7	170.0444603
0.445	326.9	163.3767931	17.09	0.599	330.3	157.3589946
0.448	337.8	147.2519401	17.11	0.617	339.1	145.8778326
0.414	337.3	147.8077356	17.14	0.648	341.4	143.6871825
0.498	345.8	140.2893212	17.19	0.705	347.8	139.0645196
0.485	349.6	138.1230627	17.22	0.729	350.5	137.7078372
0.504	339.1	145.8778326	17.25	0.723	345.1	140.7638403
0.51	337.6	147.4724086	17.26	0.7	343.4	142.0185516
0.542	332.5	153.9768314	17.29	0.769	340.6	144.4152874
0.614	342.1	143.0788632	17.28	0.744	344.3	141.3360215

17.87	0.734	274	141.4818346	141.4103086	Yes
17.9	0.667	272	141.30084	141.6859382	Yes
17.88	0.744	275.8	141.7930115	141.6414401	Yes
17.83	0.743	276	141.8363207	141.4103086	Yes
17.77	0.677	274.9	141.6197787	141.7591687	Yes
17.73	0.691	274.3	141.5239064	141.3502581	Yes
17.69	0.598	271.1	141.2756607	141.7342565	Yes
17.65	0.563	271.3	141.2782429	141.4577547	Yes
17.61	0.561	271.6	141.2853442	141.7737435	Yes
17.61	0.613	270.5	141.2782429	141.3707821	Yes
17.61	0.654	271.2	141.2767366	141.464358	Yes
17.6	0.645	269.2	141.3370081	141.4408284	Yes
17.61	0.684	267.7	141.4954247	142.3156669	Yes
17.64	0.667	264.6	142.1331484	145.8404903	Yes
17.64	0.602	264.6	142.1331484	143.5702619	Yes
17.62	0.599	266.7	141.6552183	141.7347129	Yes
17.66	0.677	272.3	141.3169846	141.3808145	Yes
17.71	0.719	270.7	141.2756607	141.3612041	Yes
17.75	0.738	270.8	141.2750152	141.467561	Yes
17.78	0.702	275.2	141.6735922	142.2520843	Yes
17.78	0.755	284.5	145.3502763	145.6782257	Yes
17.77	0.82	287.2	147.1911034	148.0695687	Yes
17.75	0.896	289.4	148.9731899	150.2105976	Yes
17.71	0.87	290.5	149.9641021	152.7799931	Yes
17.64	0.834	292.4	151.8402112	156.9115314	Yes
17.58	0.812	294	153.5893653	158.8485296	Yes
17.52	0.762	295.2	155.008001	155.1166112	Yes
17.48	0.73	297.3	157.7235069	163.5288612	Yes
17.43	0.66	298.6	159.5615734	153.7982418	Yes
17.39	0.685	297.7	158.2758734	153.4050545	Yes
17.36	0.667	296.9	157.1826166	157.8276614	Yes
17.32	0.573	299.4	160.7556316	161.6389457	Yes
17.3	0.616	298.2	158.9827372	155.7134178	Yes
17.26	0.643	294.6	154.2869623	155.9416824	Yes
17.23	0.622	296.8	157.0491672	160.2982891	Yes
17.18	0.507	305.8	172.2544374	175.4710579	Yes
17.13	0.547	305.2	171.014516	181.7666186	Yes
17.16	0.604	308.7	178.7937782	175.1883394	Yes
17.15	0.59	312.4	188.6290418	180.400786	Yes
17.17	0.616	320.6	177.5942369	183.5232527	Yes
17.21	0.712	326.4	164.3504379	178.2522909	Yes
17.32	0.824	323.6	170.2702897	181.2323807	Yes
17.4	0.799	330.2	157.5218261	152.9483713	Yes
17.45	0.811	340.5	144.5088047	144.1775226	Yes
17.49	0.862	344.1	141.484113	143.4771088	Yes
17.55	0.934	349	138.4202926	138.330612	Yes
17.6	0.95	351.5	137.2889944	137.9754777	Yes
17.62	0.939	346.9	139.5919783	142.5309888	Yes
17.63	0.879	347.5	139.23608	143.5778484	Yes
17.64	0.974	344.4	141.262737	149.9434843	Yes
17.62	0.993	347.6	139.1784222	140.4525894	Yes

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7/30/2019	5:52	16.8	0.115
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7/30/2019	5:54	16.87	0.106
7/30/2019	5:55	16.88	0.124
7/30/2019	5:56	16.88	0.152
7/30/2019	5:57	16.87	0.116
7/30/2019	5:58	16.86	0.088
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7/30/2019	6:03	16.79	0.2
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7/30/2019	6:11	16.87	0.116
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7/30/2019	6:23	17.46	0.17
7/30/2019	6:24	17.5	0.177
7/30/2019	6:25	17.52	0.114
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7/30/2019	6:28	17.59	0.166
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7/30/2019	6:38	18.09	0.179

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338	147.0339187	18.04
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343.5	141.9406579	18.7

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0.642	342.7

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159.0245589	17.14
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166.9973396	17.16
162.8040494	17.15
167.6326681	17.13
174.2857928	17.12
174.5327325	17.1
186.1096044	17.07
189.5740787	17.06
182.8356637	17.05
181.4071437	17.04
147.9207527	17.05
136.6778973	17.07
136.949775	17.06
140.355632	17.06
145.0817692	17.06
145.0817692	17.09
142.9941199	17.11
139.6529623	17.13
138.0276292	17.15
139.7763685	17.18
141.9406579	17.25
162.2397397	17.32
149.2056183	17.37
143.1641434	17.5
139.5314724	17.67
140.6257933	17.78
145.4751667	17.85
144.7927354	17.89
146.1859844	17.93
150.5689831	17.97
156.7157803	18.02
164.7466785	18.05
155.4675767	18.08
147.0339187	18.12
149.9393426	18.15
159.0245589	18.17
149.4475739	18.22
146.6051528	18.31
136.9857152	18.39
137.0961561	18.5
139.1212357	18.56
139.5919783	18.6
142.5784051	18.61

0.545	341.7	143.4232201	17.27	0.685	345.2	140.6945686
0.56	347.5	139.23608	17.25	0.782	349	138.4202926
0.574	352.1	137.0589052	17.25	0.715	353.7	136.5220169
0.596	349.1	138.3696112	17.27	0.684	351.9	137.1338452
0.669	342.1	143.0788632	17.32	0.82	349.9	137.9805921
0.695	341.1	143.9560723	17.38	0.918	344.2	141.4098131
0.642	343	142.3353263	17.43	0.762	347.7	139.1212357
0.612	324.5	168.2774801	17.46	0.693	333	153.2595242
0.684	317	187.9748679	17.49	0.753	328	161.3176459
0.56	318.2	184.3010071	17.49	0.66	326.6	163.9580918
0.402	318.6	183.1257514	17.47	0.569	325.5	166.1647422
0.557	316	191.2154206	17.44	0.673	323.3	170.9545255
0.672	315.9	191.5488631	17.42	0.769	323.6	170.2702897
0.613	313.2	191.0071128	17.39	0.705	317.9	185.1983516
0.601	310.8	184.1517432	17.33	0.676	316	191.2154206
0.682	308.7	178.7937782	17.32	0.81	316.1	190.8837175
0.655	310.4	183.0874794	17.31	0.745	316.4	189.898934
0.689	313.4	191.6169031	17.29	0.871	318.2	184.3010071
0.632	331	156.2417902	17.3	0.824	330.9	156.3989918
0.602	348.5	138.6806025	17.3	0.756	345.7	140.355632
0.559	347	139.5314724	17.3	0.753	350.6	137.6639493
0.544	341.6	143.5106627	17.29	0.731	346.6	139.7763685
0.73	336.7	148.4952449	17.29	0.782	342	143.1641434
0.648	333.4	152.6988115	17.31	0.839	341	144.0468045
0.527	339.6	145.3759529	17.33	0.601	342	143.1641434
0.425	342.7	142.5784051	17.33	0.592	344.6	141.1176841
0.408	344.8	140.9746448	17.35	0.532	348.3	138.7879636
0.424	341.2	143.8658923	17.38	0.515	350	137.9340071
0.613	342.9	142.4158267	17.46	0.676	345.5	140.4897269
0.631	325	167.2080708	17.54	0.667	331.6	155.3150699
0.669	327.9	161.5002424	17.59	0.783	341.1	143.9560723
0.973	340.1	144.8885107	17.72	1.178	345.8	140.2893212
1.053	347.7	139.1212357	17.9	1.321	344.5	141.1899582
0.926	339.2	145.7762909	18	1.107	344.2	141.4098131
0.828	335.9	149.4475739	18.06	0.931	343.6	141.8632814
0.832	333	153.2595242	18.09	0.925	339	145.9799608
0.706	333.3	152.8379067	18.11	0.806	339.5	145.4751667
0.787	330.5	157.0357721	18.14	0.798	338	147.0339187
0.583	322.1	173.7955882	18.16	0.79	332.2	154.4161117
0.738	318.8	182.5470487	18.16	0.825	326.7	163.7633675
0.809	326.3	164.548069	18.18	0.881	333.8	152.1495751
0.832	332.2	154.4161117	18.21	0.963	338.1	146.9258206
0.681	328.9	159.7144084	18.21	0.688	334.8	150.8255466
0.688	322.8	172.1177686	18.21	0.867	327.1	162.994021
0.998	332.8	153.5442409	18.26	1.111	334.3	151.4788997
0.869	332.9	153.4015168	18.35	1.112	339.6	145.3759529
0.988	349.3	138.2696225	18.42	1.325	352.8	136.810367
0.974	347.8	139.0645196	18.54	1.139	350	137.9340071
0.876	347.9	139.008273	18.59	1.053	348.7	138.5750946
0.754	340.5	144.5088047	18.59	0.823	343.1	142.25535
0.917	337	148.1486618	18.59	0.936	342.6	142.6604859

17.58	0.86	348.6	138.6276173	140.7355115	Yes
17.53	0.946	350.4	137.7521729	137.8768181	Yes
17.52	0.947	356.7	135.8102214	136.5395139	Yes
17.54	0.982	354.7	136.2423866	137.4433681	Yes
17.61	1.05	353.7	136.5220169	139.9845302	Yes
17.67	0.956	347.7	139.1212357	141.1448301	Yes
17.69	0.931	351	137.4928614	139.5262816	Yes
17.73	0.976	339.5	145.4751667	168.6235436	Yes
17.76	0.995	332.2	154.4161117	169.730754	Yes
17.75	0.876	331.4	155.6208578	168.9631711	Yes
17.72	0.752	331.2	155.9297559	175.0964864	Yes
17.68	0.893	327.6	162.0534901	181.2843508	Yes
17.67	1.021	325.8	165.5509953	176.996938	Yes
17.65	0.93	321.6	175.0303206	181.5047949	Yes
17.59	0.999	321.3	175.7860767	186.9733146	Yes
17.61	1.03	320.4	178.1226162	188.2960464	Yes
17.61	1.055	319.2	181.4071437	181.2989288	Yes
17.59	1.101	320.7	177.3320297	182.1274817	Yes
17.56	0.939	331.9	154.8621634	149.2784669	Yes
17.53	0.862	344.2	141.4098131	138.029793	Yes
17.5	0.828	351.5	137.2889944	137.9968468	Yes
17.49	0.885	349.2	138.3193881	141.0500441	Yes
17.49	1.05	345.1	140.7638403	145.4557317	Yes
17.53	1.005	344	141.5589225	146.3126513	Yes
17.54	0.76	344.2	141.4098131	144.8637422	Yes
17.54	0.716	349.1	138.3696112	139.7172646	Yes
17.57	0.685	350.1	137.8878733	138.3548473	Yes
17.62	0.776	350.1	137.8878733	145.065256	Yes
17.71	0.844	344.9	140.9038772	142.8364193	Yes
17.8	0.844	337.7	147.3618674	158.1709083	Yes
17.86	0.91	343.1	142.25535	153.0459398	Yes
17.99	1.302	346.4	139.9016992	141.80979	Yes
18.15	1.392	347.3	139.3528135	138.8232102	Yes
18.22	1.198	347.4	139.2942101	143.0104573	Yes
18.27	1.172	346.3	139.9650888	147.6544793	Yes
18.31	1.097	340.7	144.3223303	147.6593433	Yes
18.33	0.918	343.7	141.786421	147.8832441	Yes
18.37	1.019	341.5	143.5986496	149.2435	Yes
18.4	0.799	336.5	148.729472	162.6196189	Yes
18.38	0.88	328.1	161.1359522	172.6992789	Yes
18.41	1.057	335.5	149.9393426	154.7997849	Yes
18.43	1.038	339.6	145.3759529	148.9069478	Yes
18.42	0.815	336.2	149.0856146	151.5638971	Yes
18.42	0.891	331.1	156.0853794	162.0647148	Yes
18.47	1.233	339.2	145.7762909	150.0365121	Yes
18.55	1.154	339.4	145.5749597	149.7317158	Yes
18.63	1.368	353.8	136.4921301	138.1388579	Yes
18.76	1.19	351.2	137.4099861	138.8393549	Yes
18.8	1.106	351.6	137.249547	138.2240437	Yes
18.78	0.89	344.6	141.1176841	141.6449082	Yes
18.77	1.142	346.1	140.0933217	143.8320527	Yes

7/30/2019	6:39	18.11	0.179
7/30/2019	6:40	18.14	0.152
7/30/2019	6:41	18.16	0.143
7/30/2019	6:42	18.19	0.146
7/30/2019	6:43	18.24	0.221
7/30/2019	6:44	18.3	0.227
7/30/2019	6:45	18.38	0.271
7/30/2019	6:46	18.47	0.32
7/30/2019	6:47	18.54	0.232
7/30/2019	6:48	18.58	0.307
7/30/2019	6:49	18.64	0.217
7/30/2019	6:50	18.69	0.27
7/30/2019	6:51	18.75	0.412
7/30/2019	6:52	18.81	0.299
7/30/2019	6:53	18.86	0.207
7/30/2019	6:54	18.91	0.355
7/30/2019	6:55	18.96	0.21
7/30/2019	6:56	19	0.16
7/30/2019	6:57	19.03	0.176
7/30/2019	6:58	19.07	0.231
7/30/2019	6:59	19.12	0.401
7/30/2019	7:00	19.18	0.42
7/30/2019	7:01	19.21	0.362
7/30/2019	7:02	19.24	0.275
7/30/2019	7:03	19.26	0.378
7/30/2019	7:04	19.28	0.489
7/30/2019	7:05	19.32	0.435
7/30/2019	7:06	19.35	0.293
7/30/2019	7:07	19.37	0.269
7/30/2019	7:08	19.43	0.3
7/30/2019	7:09	19.49	0.192
7/30/2019	7:10	19.55	0.221
7/30/2019	7:11	19.62	0.237
7/30/2019	7:12	19.68	0.128
7/30/2019	7:13	19.8	0.201
7/30/2019	7:14	19.94	0.241
7/30/2019	7:15	20.02	0.225
7/30/2019	7:16	20.09	0.263
7/30/2019	7:17	20.17	0.244
7/30/2019	7:18	20.18	0.222
7/30/2019	7:19	20.21	0.161
7/30/2019	7:20	20.27	0.232
7/30/2019	7:21	20.28	0.366
7/30/2019	7:22	20.33	0.237
7/30/2019	7:23	20.4	0.259
7/30/2019	7:24	20.46	0.238
7/30/2019	7:25	20.49	0.261
7/30/2019	7:26	20.51	0.303
7/30/2019	7:27	20.55	0.331
7/30/2019	7:28	20.58	0.373
7/30/2019	7:29	20.58	0.386

346.3	139.9650888	18.76
331.2	155.9297559	18.83
331.1	156.0853794	18.88
339.8	145.1792559	18.94
348	138.952495	19
347.1	139.4714437	19.06
8.88	136.7698991	19.14
10.06	137.1950604	19.22
342.8	142.4968525	19.3
343.6	141.8632814	19.37
357.8	135.6439919	19.42
2.166	135.4785708	19.49
353.8	136.4921301	19.55
357.9	135.6313781	19.6
354.5	136.2949008	19.66
356.1	135.9221983	19.74
0.471	135.4492968	19.8
340.2	144.7927354	19.88
345.1	140.7638403	19.97
4.198	135.6701935	20.01
15.43	139.9206653	20.04
14.36	139.2709013	20.06
17.56	141.3802356	20.07
1.973	135.4692548	20.06
9.99	137.1681404	20.06
12.32	138.1811948	20.03
4.269	135.6799863	20.06
355.2	136.1185285	20.08
350.2	137.8421902	20.12
21.81	144.9945205	20.2
353.7	136.5220169	20.3
354.2	136.3768654	20.43
351.9	137.1338452	20.53
349.8	138.0276292	20.65
22.66	145.8371456	20.85
10.83	137.5054458	21.01
2.556	135.5020928	21.07
17.73	141.5065023	21.12
3.464	135.5812338	21.15
349.5	138.1714606	21.11
328.4	160.5962459	21.14
358.5	135.564413	21.22
4.405	135.6993301	21.19
7.29	136.2922347	21.22
7.743	136.4172866	21.3
0.927	135.445515	21.34
6.844	136.1776476	21.33
7.487	136.3455417	21.32
12.2	138.1230627	21.32
358.4	135.5745369	21.3
2.791	135.5193022	21.27

0.754	340.4
0.566	335.6
0.693	338.8
0.596	342.2
0.884	346.4
0.877	348.4
0.913	9.58
0.747	14.92
0.779	353.2
0.829	348.2
0.818	352.5
0.759	3.11
1.124	355.2
0.815	357.2
0.882	351.8
0.861	358.7
0.67	359.6
0.586	347.8
0.758	347.7
0.823	357.4
0.832	13.31
0.885	11.59
0.952	17.09
0.917	3.267
1.09	6.386
0.954	11.98
0.98	5.464
1.042	1.085
1.099	352.7
0.745	18.73
0.61	351.4
0.72	353.7
0.678	358.8
0.568	342.6
0.419	20.61
0.562	12.16
0.535	4.922
0.603	15.48
0.713	14.85
0.878	353
0.611	339
0.708	358.9
0.857	4.184
0.572	357.5
0.672	5.756
0.75	5.013
0.654	10.18
0.812	9.25
0.691	10.84
0.91	8.87
0.74	12.13

144.6028841	18.64
149.8154124	18.69
146.1859844	18.71
142.9941199	18.75
139.9016992	18.8
138.734051	18.85
137.0147815	18.94
139.6041369	19.03
136.6778973	19.09
138.8423412	19.13
136.9142707	19.17
135.5463192	19.23
136.1185285	19.28
135.7284098	19.33
137.171973	19.36
135.5454083	19.43
135.4803714	19.48
139.0645196	19.52
139.1212357	19.57
135.6986053	19.59
138.6859265	19.62
137.8376466	19.64
141.0387639	19.65
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135.8763541	19.67
135.446206	19.68
136.8445673	19.72
142.2792879	19.79
137.328883	19.87
136.5220169	19.96
135.5365272	20.03
142.6604859	20.12
143.8748855	20.28
138.1038308	20.4
135.7798998	20.45
139.9523722	20.47
139.5616657	20.5
136.743267	20.47
145.9799608	20.49
135.52806	20.53
135.6682873	20.51
135.6843278	20.54
135.9334197	20.58
135.7952359	20.62
137.2417104	20.64
136.8966818	20.63
137.5096495	20.65
136.766555	20.65
138.0894546	20.64

0.887	334.6	151.0848301	18.61	1.111	341.5	143.5986496
0.727	329.5	158.684756	18.63	0.889	334.8	150.8255466
0.866	332.6	153.8318952	18.65	0.979	338.6	146.3943767
0.744	335.1	150.441715	18.66	0.831	341	144.0468045
1	342.7	142.5784051	18.72	1.214	346	140.1581671
0.979	344.4	141.262737	18.78	1.161	348.8	138.5230334
1.012	8.63	136.6875926	18.88	1.247	7.516	136.3535285
0.987	10.86	137.5180703	18.97	1.062	6.662	136.1333118
1.004	356.3	135.8831963	19.03	1.064	357.6	135.6704665
1.06	343.1	142.25535	19.07	1.219	344.8	140.9746448
0.965	355.2	136.1185285	19.11	1.205	354	136.4336422
0.999	3.194	135.5541341	19.16	1.11	3.384	135.5728892
1.401	357.4	135.6986053	19.22	1.684	355.8	135.9838512
1.06	357.7	135.6570213	19.28	1.264	357.4	135.6986053
1.038	349.8	138.0276292	19.3	1.278	351.4	137.328883
1.039	358.3	135.5850754	19.35	1.284	358.1	135.6073966
0.841	356.7	135.8102214	19.39	1.013	357.2	135.7284098
0.767	344	141.5589225	19.42	0.85	350.6	137.6639493
0.857	350.3	137.796957	19.45	1.037	347.6	139.1784222
0.957	354.6	136.2684311	19.46	1.119	355.3	136.0950271
1.138	12.64	138.3394224	19.49	1.236	7.657	136.3928727
1.189	14.26	139.2129602	19.51	1.191	8.15	136.5371212
1.121	16.15	140.3889714	19.52	1.351	13.78	138.9413956
1.021	3.887	135.6297688	19.53	1.32	0.99	135.4456671
1.172	3.234	135.5579583	19.52	1.502	3.236	135.5581512
1.344	10.52	137.3773325	19.55	1.417	7.181	136.26345
1.295	4.065	135.6524137	19.57	1.438	1.804	135.4623605
1.165	357.1	135.7439374	19.59	1.475	357.3	135.7132992
1.244	349.3	138.2696225	19.63	1.555	352.4	136.949775
0.814	18.3	141.9406579	19.68	0.943	11.69	137.8832848
0.867	354.9	136.1915717	19.74	0.921	353.3	136.6458601
0.931	350.7	137.6205085	19.81	1.069	352.2	137.0220917
0.932	355.4	136.0719483	19.88	1.088	358.4	135.5745369
0.551	337.7	147.3618674	19.94	0.746	341.9	143.249962
0.55	23.73	146.9581863	20.06	0.569	13.88	138.99708
0.732	11.01	137.5817934	20.18	0.853	5.55	135.8927895
0.615	6.225	136.0325759	20.22	0.732	3.511	135.5862599
0.742	12.76	138.399965	20.25	0.862	11.6	137.8421902
0.898	1.683	135.4581487	20.29	0.977	6.593	136.1168697
0.929	347.9	139.008273	20.26	1.166	353.4	136.6142539
0.79	337.2	147.9207527	20.26	0.868	341.9	143.249962
0.878	358.8	135.5365272	20.28	1.006	359.1	135.5123672
1.174	3.309	135.5653072	20.27	1.305	1.506	135.4530763
0.716	359.2	135.5051412	20.31	0.796	357.9	135.6313781
0.851	2.104	135.4754104	20.36	0.916	356.6	135.8278372
0.931	3.205	135.5551792	20.4	1.066	1.992	135.4701037
0.853	8.34	136.5954969	20.43	0.976	4.313	135.6861603
0.995	6.171	136.0206875	20.44	1.258	6.131	136.0119604
0.929	10.48	137.3611119	20.45	1.088	4.754	135.7524957
1.151	5.455	135.8746521	20.46	1.395	5.145	135.8180968
1.059	6.889	136.1888261	20.46	1.154	3.736	135.6115907

18.8	1.163	343.7	141.786421	144.8128632	Yes
18.82	0.936	336.6	148.6120398	153.8138677	Yes
18.84	1.037	339.6	145.3759529	150.6244089	Yes
18.84	0.909	347.5	139.23608	145.6654738	Yes
18.91	1.359	346.9	139.5919783	140.3976916	Yes
18.97	1.165	351.7	137.21054	139.4978163	Yes
19.08	1.334	11.56	137.824043	136.7064504	Yes
19.16	1.076	10.27	137.2771139	137.6126448	Yes
19.22	1.3	1.566	135.4546509	137.6821031	Yes
19.27	1.379	345	140.8336095	140.9839044	Yes
19.29	1.225	357.7	135.6570213	136.2776083	Yes
19.36	1.327	3.603	135.5963636	135.5379783	Yes
19.42	1.9	357.6	135.6704665	136.0732788	Yes
19.47	1.42	359.7	135.475212	135.6788536	Yes
19.5	1.228	356.3	135.8831963	137.2058465	Yes
19.56	1.362	2.557	135.5021612	135.6650196	Yes
19.6	1.133	359.1	135.5123672	135.6170749	Yes
19.62	0.985	355.1	136.1424529	140.7700317	Yes
19.64	1.16	352.5	136.9142707	139.2151138	Yes
19.65	1.134	359.5	135.4859439	135.9330643	Yes
19.68	1.491	8.35	136.5986123	138.3347217	Yes
19.69	1.407	12.88	138.4611682	138.2146573	Yes
19.69	1.472	14.57	139.3941179	140.4373416	Yes
19.69	1.354	6.736	136.1511692	135.5264635	Yes
19.68	1.595	7.375	136.3150324	136.0882502	Yes
19.71	1.658	11.21	137.668318	137.4600407	Yes
19.72	1.677	7.662	136.3942834	135.6677787	Yes
19.75	1.547	359.1	135.5123672	135.7554928	Yes
19.79	1.67	355.6	136.0270567	137.4765388	Yes
19.85	1.022	14.04	139.0871496	141.7744378	Yes
19.91	1.074	0.878	135.44551	136.6720829	Yes
19.99	1.126	352.9	136.7766005	136.8853706	Yes
20.06	1.095	360	135.4622116	136.0792144	Yes
20.14	0.689	346.2	140.0289626	142.8249861	Yes
20.27	0.713	16.34	140.5167821	143.9168243	Yes
20.36	0.927	11.34	137.7255177	137.2709649	Yes
20.4	0.813	6.356	136.0619273	135.7252071	Yes
20.41	0.917	13.8	138.952495	139.4252574	Yes
20.43	1.189	7.541	136.3604426	136.6794795	Yes
20.4	1.176	358.8	135.5365272	137.6343136	Yes
20.4	1.024	345.4	140.557513	149.4367303	Yes
20.42	1.114	2.541	135.5010719	135.5353419	Yes
20.41	1.395	2.255	135.4833852	135.5965002	Yes
20.44	0.976	357	135.759882	135.7782704	Yes
20.49	1.058	2.689	135.5115521	135.9134885	Yes
20.54	1.142	5.833	135.9490643	135.5665084	Yes
20.57	1.142	7.407	136.3236948	136.4252538	Yes
20.58	1.212	10.45	137.3489929	136.3187178	Yes
20.59	1.215	7.919	136.4682361	137.18658	Yes
20.59	1.46	4.365	135.6935608	136.0084602	Yes
20.58	1.273	10.34	137.3048969	136.3522934	Yes

7/30/2019	7:30	20.64	0.413
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7/30/2019	7:34	20.67	0.466
7/30/2019	7:35	20.7	0.43
7/30/2019	7:36	20.74	0.63
7/30/2019	7:37	20.74	0.543
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7/30/2019	7:43	20.95	0.408
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7/30/2019	7:45	20.94	0.472
7/30/2019	7:46	20.92	0.344
7/30/2019	7:47	20.96	0.279
7/30/2019	7:48	20.96	0.402
7/30/2019	7:49	20.92	0.407
7/30/2019	7:50	20.92	0.492
7/30/2019	7:51	20.92	0.472
7/30/2019	7:52	20.89	0.441
7/30/2019	7:53	20.92	0.365
7/30/2019	7:54	20.95	0.381
7/30/2019	7:55	21	0.404
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7/30/2019	7:57	21.25	0.312
7/30/2019	7:58	21.29	0.492
7/30/2019	7:59	21.29	0.403
7/30/2019	8:00	21.35	0.356
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7/30/2019	8:04	21.63	0.387
7/30/2019	8:05	21.57	0.333
7/30/2019	8:06	21.57	0.45
7/30/2019	8:07	21.54	0.461
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7/30/2019	8:11	21.61	0.323
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7/30/2019	8:13	21.72	0.535
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7/30/2019	8:19	22.01	0.332
7/30/2019	8:20	22.06	0.348

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13.59	138.8368825	21.41
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0.782	23.19
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1.386	24.21
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1.176	351.6
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1.201	19.21
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1.141	3.885
0.986	11.18
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1.231	8.6
1.053	17.51
1.191	13.08
1.151	7.773
1.032	8.4
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1.254	24.72
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1.183	16.76
0.955	9.26
0.996	11.29
0.786	7.44
1.116	0.42

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137.6552254	21.47
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141.3433778	21.42
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136.4258775	21.47
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148.0571974	21.62
135.4519928	21.67
137.8787007	21.68
140.805642	21.68
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137.7034283	21.84
136.3326736	21.92
135.4502532	21.97

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1.138	14.95	139.6224105	20.42	1.274	9.29	136.9107442
1.482	31.26	156.9715162	20.43	1.673	26.75	150.5052648
1.108	25.56	149.0377942	20.43	1.298	19.06	142.5457208
1.125	13.13	138.5908029	20.47	1.218	12.09	138.0703498
1.355	17.94	141.6645142	20.49	1.642	17	140.9746448
1.305	18.55	142.1363651	20.5	1.481	15.1	139.7144254
1.261	13.25	138.6540521	20.52	1.521	7.593	136.3749092
1.337	357.4	135.6986053	20.5	1.799	355.7	136.0052434
0.997	18.8	142.3353263	20.54	1.212	15.42	139.9143385
0.894	17.47	141.313983	20.62	1.328	4.674	135.7398601
1.189	18.4	142.0185516	20.68	1.554	14.79	139.5254481
1.132	14.51	139.3586999	20.7	1.272	9.13	136.854912
1.433	1.188	135.4472111	20.73	1.714	4.755	135.7526553
1.703	5.681	135.9184209	20.66	2.01	6.351	136.0607938
1.246	7.859	136.4507181	20.64	1.598	7.523	136.3554618
1.136	6.341	136.0585298	20.67	1.419	5.468	135.8771117
1.451	352.8	136.810367	20.72	1.814	357.9	135.6313781
1.373	4.558	135.7220126	20.71	1.767	2.58	135.5037456
1.48	3.951	135.6377592	20.73	1.738	3.285	135.5629302
1.669	8.48	136.6395044	20.73	1.993	8.03	136.5010511
1.802	18.71	142.2633241	20.71	2.029	16.44	140.5847658
1.268	7.234	136.2773831	20.73	1.594	4.716	135.7464605
1.336	351.6	137.249547	20.76	1.66	351.3	137.3692134
1.214	4.006	135.6447619	20.83	1.333	5.072	135.805364
1.227	13.77	138.9358529	20.94	1.062	9.05	136.8274129
1.192	4.683	135.7412682	21.04	1.433	4.48	135.7103271
1.509	18.1	141.786421	21.08	1.771	14.13	139.1383422
1.402	8.71	136.7136368	21.05	1.673	9.56	137.0074887
1.087	6.918	136.1960755	21.07	1.392	5.996	135.9830042
1.265	6.475	136.0892178	21.13	1.487	1.133	135.44662
1.183	8.32	136.589279	21.21	1.427	3.378	135.5722741
1.097	16.74	140.7916882	21.29	1.297	14.25	139.2071921
1.479	3.558	135.5913777	21.32	1.82	2.156	135.4780503
1.202	7.406	136.3234234	21.25	1.626	7.904	136.4638422
1.521	2.429	135.4937429	21.26	1.864	0.502	135.4487679
1.616	5.594	135.9013182	21.24	1.89	3.664	135.6032563
1.313	10.87	137.5222873	21.24	1.611	12.13	138.0894546
1.453	8.23	136.5615113	21.26	1.773	8.52	136.652233
1.488	6.983	136.2124538	21.3	1.702	5.008	135.7943843
1.198	4.611	135.7300974	21.33	1.551	5.975	135.9785689
1.501	22.41	145.584971	21.38	1.658	19.53	142.9351182
1.57	19.03	142.5212629	21.44	1.875	17.82	141.5739457
1.157	2.592	135.504581	21.49	1.491	2.421	135.4932392
1.766	13.37	138.7179677	21.49	1.998	11.24	137.6814508
1.38	13.49	138.7825514	21.49	1.751	14.16	139.1554911
1.177	9.58	137.0147815	21.54	1.58	7.951	136.4776421
1.328	14.49	139.3469318	21.63	1.553	9.69	137.0552041
1.163	6.873	136.1848417	21.69	1.359	4.096	135.6564921
1.28	354.7	136.2423866	21.74	1.632	357.5	135.6843278

20.61	1.647	16.62	140.7083832	141.7902829	Yes
20.53	2.034	21.12	144.340877	143.1715093	Yes
20.51	1.513	15.36	139.8764787	138.1757264	Yes
20.5	1.867	28.35	152.629533	158.2678454	Yes
20.5	1.499	27.27	151.1762256	147.1282787	Yes
20.54	1.459	14.05	139.0928189	138.5090959	Yes
20.57	1.743	19.82	143.181264	143.8219428	Yes
20.57	1.668	19.54	142.943531	141.3104111	Yes
20.6	1.58	7.873	136.4547918	138.4897656	Yes
20.58	1.802	359	135.5200067	135.8509988	Yes
20.62	1.375	20.64	143.9018981	141.3781917	Yes
20.72	1.242	12.24	138.1423673	139.5108312	Yes
20.76	1.696	18.62	142.1917453	142.3212223	Yes
20.78	1.391	14.96	139.6285113	141.0441638	Yes
20.81	1.797	7.966	136.4820663	136.4345021	Yes
20.72	2.147	11.44	137.7700327	136.3362514	Yes
20.71	1.708	11.35	137.729949	138.4436747	Yes
20.75	1.503	12.16	138.1038308	136.2331271	Yes
20.81	1.906	1.843	135.4638469	136.1883083	Yes
20.8	1.84	6.955	136.2053766	136.3000129	Yes
20.82	1.85	5.733	135.928795	136.4181879	Yes
20.82	2.201	12.26	138.1520469	136.9593592	Yes
20.78	2.345	17.82	141.5739457	142.2921172	Yes
20.81	1.684	10.18	137.2417104	136.1649981	Yes
20.85	1.784	355.2	136.1185285	137.1528936	Yes
20.91	1.599	10.02	137.1796512	135.9749279	Yes
21.03	1.543	16.82	140.8476231	139.0158795	Yes
21.11	1.534	9.27	136.9037043	136.5851101	Yes
21.12	2.123	17.3	141.1899582	142.0302655	Yes
21.07	1.807	13.33	138.6965883	137.0610821	Yes
21.11	1.531	10.28	137.2810697	137.3075188	Yes
21.18	1.662	5.041	135.8000243	136.9406043	Yes
21.26	1.487	9.88	137.1262723	136.9704746	Yes
21.34	1.45	14.1	139.1212357	144.7190366	Yes
21.36	1.982	4.473	135.7092908	135.5958194	Yes
21.3	1.624	11.53	137.8104797	136.9519129	Yes
21.31	1.973	4.339	135.6898465	135.7919869	Yes
21.29	2.064	6.736	136.1511692	136.9897101	Yes
21.29	1.761	17.19	141.1104844	139.5326457	Yes
21.31	1.892	10.36	137.3128746	137.0577859	Yes
21.35	1.984	8.92	136.7833191	136.0552076	Yes
21.39	1.593	12.96	138.502338	136.1224302	Yes
21.45	1.928	23.72	146.9473917	147.9599467	Yes
21.49	2.143	20.89	144.1289369	145.7348238	Yes
21.55	1.663	5.338	135.8528342	135.5669335	Yes
21.53	2.337	16.42	140.5711295	139.2615256	Yes
21.53	1.795	18.97	142.4724895	141.5429507	Yes
21.58	1.59	14.74	139.495398	138.4344001	Yes
21.67	1.795	13.64	138.8642227	140.8157758	Yes
21.72	1.575	9.44	136.9640988	137.1558248	Yes
21.78	1.656	1.358	135.4498274	135.8012012	Yes

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7/30/2019	8:29	22.26	0.322
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4.845	135.7671933	23.18
352.1	137.0589052	23.23
1.805	135.4623979	23.17
8.91	136.7799576	23.12
3.028	135.5389722	23.04
9.7	137.0589052	23.09
20.92	144.1564143	23.23
18.06	141.755821	23.36
10.82	137.5012465	23.37
7.59	136.3740714	23.38
21.68	144.8693102	23.43
16.78	140.8196158	23.38
16.1	140.355632	23.23
359	135.5200067	23.06
347.8	139.0645196	23.06
8.91	136.7799576	23.08
4.369	135.6941347	23.14
3.031	135.539236	23.17
10.34	137.3048969	23.16
31.83	157.8994493	23.21
11.47	137.7834746	23.36
9.75	137.0774759	23.56
342.4	142.8262379	23.69
343	142.3353263	23.65
350.1	137.8878733	23.75
343.7	141.786421	23.82
14.38	139.2825463	23.84
17.46	141.3066469	23.94
350	137.9340071	23.9
342	143.1641434	24.05
24.99	148.3675039	24.13
8.69	136.7070998	24.08
359.8	135.4704656	23.95
350.1	137.8878733	23.8
348.7	138.5750946	23.76
354.9	136.1915717	23.77
3.271	135.5615546	23.75
356.3	135.8831963	23.79
330.2	157.5218261	23.87
339.3	145.6753339	23.98
338.8	146.1859844	24.05

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1.243	352.9
1.113	5.308
1.247	356.9
1.161	22.82
0.929	355.5
0.769	359.3
0.932	356.9
1.097	346.6
1.07	349.9
1.296	12.34
0.988	1.228
0.92	12.61
0.685	3.564
0.935	10.69
1.217	8.16
1.075	1.581
1.128	15.72
1.155	6.546
1.514	16.96
1.169	2.132
1.269	357.1
1.078	2.061
0.98	12.72
1.27	2.711
1.2	11.76
0.841	10.57
0.88	5.482
0.75	2.698
1.366	349.3
1.112	346.2
0.974	354.9
1.076	352.3
1.053	359.3
1.172	12.33
0.981	359.4
0.999	345.7
1.261	8.54
1.225	14.52
1.497	9.69
1.327	356.8
1.482	355.7
1.238	359.3
1.116	3.827
1.257	356.4
1.18	328
1.261	342.5
1.175	341.2

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137.4470604	22.56
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137.9154994	22.49
137.3977078	22.55
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138.2696225	22.93
140.0289626	22.86
136.1915717	22.97
136.9857152	23
135.4983288	23.03
138.1860687	23.13
135.4919297	23.1
140.355632	23.23
136.6586232	23.28
139.364591	23.25
137.0552041	23.14
135.7930238	23.01
136.0052434	22.98
135.4983288	22.99
135.6224324	23
135.8643244	23.03
161.3176459	23.11
142.7430964	23.18
143.8658923	23.22

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1.15	358.3	135.5850754	21.93	1.377	359.1	135.5123672
1.073	2.346	135.4886461	21.98	1.295	0.981	135.4456354
1.132	353.5	136.5830783	21.99	1.423	351.3	137.3692134
1.454	348.4	138.734051	22	1.788	347.7	139.1212357
1.346	2.85	135.5239817	21.97	1.653	3.647	135.6013199
1.542	351.9	137.1338452	21.98	1.762	355	136.1668004
1.495	18.88	142.3996846	21.95	1.806	20.02	143.353657
1.135	357.2	135.7284098	21.95	1.43	355.6	136.0270567
1.043	351.9	137.1338452	22.04	1.125	354	136.4336422
1.124	351.8	137.171973	22.1	1.392	352.7	136.8445673
1.341	346	140.1581671	22.14	1.684	341	144.0468045
1.442	346.3	139.9650888	22.09	1.632	347.2	139.411891
1.555	12.6	138.3193881	22.08	1.983	11.89	137.9759133
1.236	357.4	135.6986053	22.03	1.445	358.1	135.6073966
1.195	14.95	139.6224105	22.1	1.307	13.9	139.008273
0.833	7.347	136.3074886	22.19	0.972	4.184	135.6682873
1.211	9.47	136.9748873	22.31	1.381	7.714	136.4090187
1.366	4.624	135.7320984	22.32	1.733	6.316	136.0528883
1.097	4.197	135.6700571	22.32	1.609	2.093	135.4748663
1.373	15.35	139.8701857	22.36	1.627	13.66	138.8751913
1.327	7.275	136.2882435	22.33	1.717	5.056	135.802603
1.896	15.15	139.7453369	22.24	2.354	13.89	139.0026742
1.686	2.322	135.4872254	22.15	1.876	359.8	135.4704656
1.498	354.6	136.2684311	22.17	1.939	354.9	136.1915717
1.42	0.287	135.4532523	22.16	1.68	1.421	135.4510999
1.414	10.59	137.4058889	22.24	1.438	9.15	136.8618301
1.527	0.68	135.4464985	22.29	1.899	359.2	135.5051412
1.713	6.938	136.2010959	22.3	1.896	8.75	136.7267625
1.093	14.82	139.5435354	22.34	1.37	10.92	137.5434393
1.124	0.553	135.447984	22.45	1.303	357.9	135.6313781
0.892	9.92	137.1414356	22.63	1.016	357.9	135.6313781
1.762	341.5	143.5986496	22.68	1.987	343	142.3353263
1.351	345.8	140.2893212	22.62	1.617	341.8	143.3363204
1.172	355.3	136.0950271	22.7	1.396	351.3	137.3692134
1.364	353.5	136.5830783	22.73	1.634	349.6	138.1230627
1.027	5.632	135.9087493	22.75	1.299	5.288	135.8436852
1.428	8.52	136.652233	22.85	1.692	11.74	137.9062727
1.116	358.5	135.564413	22.83	1.341	352.6	136.8792016
1.114	343.9	141.6342428	22.96	1.424	341.2	143.8658923
1.476	13.28	138.6699684	22.98	1.687	10.02	137.1796512
1.399	17.36	141.2335648	22.96	1.699	14.72	139.4834113
1.63	9.8	137.0961561	22.89	2.168	10.08	137.2027914
1.481	352.5	136.9142707	22.79	1.923	352.7	136.8445673
1.483	355.3	136.0950271	22.77	2.05	355.8	135.9838512
1.464	358	135.6191797	22.78	1.765	357	135.759882
1.398	4.266	135.6795682	22.8	1.652	1.609	135.4558707
1.466	352.4	136.949775	22.82	1.764	347.3	139.3528135
1.393	326.8	163.5696028	22.89	1.734	323.7	170.0444603
1.278	340.8	144.2299319	22.94	1.728	337.7	147.3618674
1.17	337.9	147.1426245	22.97	1.592	335.4	150.0639356

21.9	1.378	6.602	136.1190029	137.5667649	Yes
22	1.471	359.3	135.4983288	135.5763957	Yes
22.05	1.462	3.653	135.6020019	136.3305713	Yes
22.04	1.515	355.1	136.1424529	136.4218906	Yes
22.05	1.851	347.9	139.008273	137.6486917	Yes
22.02	1.878	8.44	136.6268447	136.0987345	Yes
22.02	1.926	357.5	135.6843278	136.2353035	Yes
21.99	1.949	22.57	145.7459425	144.4953179	Yes
21.99	1.546	359.2	135.5051412	136.2864235	Yes
22.11	1.334	356.1	135.9221983	136.1592926	Yes
22.15	1.505	351.9	137.1338452	136.3899944	Yes
22.18	1.838	346.1	140.0933217	140.2600613	Yes
22.1	1.83	350.3	137.796957	138.2049924	Yes
22.09	2.179	15.83	140.1777157	137.8165515	Yes
22.03	1.632	359	135.5200067	135.5731734	Yes
22.12	1.496	21.01	144.2391466	138.5034946	Yes
22.24	1.142	15.55	139.9969651	137.931057	Yes
22.34	1.616	13.59	138.8368825	138.1466968	Yes
22.33	1.931	10.46	137.3530282	136.456597	Yes
22.32	1.607	8.62	136.6843565	135.7435156	Yes
22.35	1.891	21.4	144.6028841	140.9302348	Yes
22.32	1.889	10.86	137.5180703	137.2540619	Yes
22.22	2.634	15.61	140.0353767	140.0124802	Yes
22.14	2.216	1.574	135.454872	135.4886289	Yes
22.17	2.066	359.9	135.4661321	136.8171149	Yes
22.16	1.863	6.489	136.0924678	135.7894054	Yes
22.25	1.838	14.71	139.4774251	137.0853911	Yes
22.31	2.071	4.134	135.661546	135.5010158	Yes
22.3	2.221	12.24	138.1423673	137.0370637	Yes
22.34	1.581	15.81	140.1646784	143.096033	Yes
22.47	1.453	2.982	135.5349725	136.1856513	Yes
22.65	1.253	3.925	135.6344926	136.3406271	Yes
22.68	2.155	342.6	142.6604859	141.7574591	Yes
22.62	1.897	342.5	142.7430964	141.4974826	Yes
22.71	1.602	355.3	136.0950271	136.8859214	Yes
22.72	1.819	351.7	137.21054	138.3695693	Yes
22.72	1.552	10.21	137.2534719	136.6333274	Yes
22.8	1.822	11.62	137.8512908	138.5128053	Yes
22.79	1.511	357.5	135.6843278	136.4673879	Yes
22.92	1.542	345.2	140.6945686	142.2549776	Yes
22.92	1.957	14.9	139.5919783	140.2189367	Yes
22.9	2.013	19.74	143.1129108	139.1971667	Yes
22.83	2.285	13.59	138.8368825	136.7061543	Yes
22.74	1.977	355	136.1668004	136.8599338	Yes
22.75	2.188	357.6	135.6704665	136.6648041	Yes
22.76	2.055	0.872	135.4455162	135.7672406	Yes
22.78	1.922	4.593	135.7273385	135.5798565	Yes
22.8	2.001	346.7	139.7144254	137.0125273	Yes
22.87	2.012	326.3	164.548069	163.1133838	Yes
22.91	1.827	339.7	145.2773166	145.0025574	Yes
22.94	1.698	337.3	147.8077356	146.8146092	Yes

7/30/2019	9:12	23.43	0.233
7/30/2019	9:13	23.42	0.363
7/30/2019	9:14	23.36	0.319
7/30/2019	9:15	23.29	0.352
7/30/2019	9:16	23.22	0.329
7/30/2019	9:17	23.21	0.325
7/30/2019	9:18	23.24	0.343
7/30/2019	9:19	23.27	0.378
7/30/2019	9:20	23.3	0.353
7/30/2019	9:21	23.4	0.279
7/30/2019	9:22	23.42	0.297
7/30/2019	9:23	23.42	0.32
7/30/2019	9:24	23.38	0.63
7/30/2019	9:25	23.32	0.405
7/30/2019	9:26	23.35	0.479
7/30/2019	9:27	23.31	0.483
7/30/2019	9:28	23.31	0.372
7/30/2019	9:29	23.38	0.452
7/30/2019	9:30	23.44	0.337
7/30/2019	9:31	23.53	0.447
7/30/2019	9:32	23.63	0.256
7/30/2019	9:33	23.76	0.358
7/30/2019	9:34	23.89	0.32
7/30/2019	9:35	23.92	0.377
7/30/2019	9:36	23.93	0.3
7/30/2019	9:37	23.98	0.33
7/30/2019	9:38	24.03	0.528
7/30/2019	9:39	23.92	0.604
7/30/2019	9:40	23.87	0.581
7/30/2019	9:41	23.81	0.512
7/30/2019	9:42	23.78	0.552
7/30/2019	9:43	23.75	0.512
7/30/2019	9:44	23.72	0.481
7/30/2019	9:45	23.72	0.422
7/30/2019	9:46	23.79	0.497
7/30/2019	9:47	23.83	0.543
7/30/2019	9:48	23.81	0.403
7/30/2019	9:49	23.85	0.44
7/30/2019	9:50	23.91	0.251
7/30/2019	9:51	23.98	0.406
7/30/2019	9:52	24.07	0.258
7/30/2019	9:53	24.19	0.338
7/30/2019	9:54	24.24	0.336
7/30/2019	9:55	24.29	0.34
7/30/2019	9:56	24.37	0.338
7/30/2019	9:57	24.33	0.501
7/30/2019	9:58	24.26	0.308
7/30/2019	9:59	24.33	0.351
7/30/2019	10:00	24.33	0.483
7/30/2019	10:01	24.28	0.431
7/30/2019	10:02	24.23	0.43

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334.4	151.3468538	24.09
344.5	141.1899582	24.02
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355.7	136.0052434	23.94
331.8	155.0123664	23.88
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348	138.952495	23.96
347.4	139.2942101	24.04
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344.4	141.262737	24.59
337.6	147.4724086	24.61
355.6	136.0270567	24.61
352.6	136.8792016	24.64
330.7	156.7157803	24.68
334.2	151.6116385	24.52
343	142.3353263	24.42
336.2	149.0856146	24.3
336.2	149.0856146	24.25
319.1	181.6899539	24.21
314.7	195.6900033	24.18
331.9	154.8621634	24.19
354.5	136.2949008	24.26
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341.5	143.5986496	24.22
346.4	139.9016992	24.29
342.8	142.4968525	24.37
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352.4	136.949775	24.62
353.5	136.5830783	24.78
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320.6	177.5942369	24.93
349.1	138.3696112	25.03
338.4	146.6051528	24.92
356	135.9423289	24.82
324.1	169.1522337	24.93
311.3	185.5124012	24.93
339	145.9799608	24.85
336.2	149.0856146	24.77

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1.337	350.8
1.403	359.9
1.42	352.4
1.117	3.927
1.201	348.8
1.338	343.3
1.084	2.046
1.211	348.6
1.054	340
1.34	342.9
1.59	341.3
1.147	354
1.366	357.9
1.439	347.1
1.033	347
1.298	353.1
0.907	339.9
1.262	349.8
0.718	340.2
1.027	3.394
1.051	347.2
1.226	344.2
1.119	5.76
0.888	352.8
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1.625	337.4
1.515	350.3
1.558	342.1
1.169	330.2
1.41	324.7
1.218	324
1.415	336
1.304	0.485
1.605	351.4
1.18	354
1.326	358
0.986	350.7
0.974	354.9
1.136	350.6
0.982	3.243
0.982	339
0.87	325.4
1.055	356.3
1.399	346.5
1.029	354.9
0.995	332.7
1.281	313.3
1.376	344.2
1.167	343.2

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135.6347429	22.96
138.5230334	22.98
142.096964	22.98
135.4725976	23
138.6276173	23.09
144.9848547	23.07
142.4158267	23.05
143.7762629	23
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135.6313781	22.97
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141.4098131	23.53
135.9342263	23.54
136.810367	23.6
148.6120398	23.66
147.6953406	23.56
137.796957	23.56
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157.5218261	23.48
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169.3736382	23.45
149.3262707	23.45
135.449053	23.58
137.328883	23.59
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139.8387928	24.12
136.1915717	24.03
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191.3112307	24.14
141.4098131	24.08
142.1758963	24.02

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1.733	338.9	146.0826775	23.02	2.307	338.9	146.0826775
1.597	348.5	138.6806025	22.9	1.947	346.1	140.0933217
1.827	1.058	135.446015	22.81	2.02	355.8	135.9838512
1.635	345.6	140.4224336	22.69	2.034	346.3	139.9650888
1.36	3.525	135.5877748	22.68	1.567	1.665	135.4575738
1.466	346.4	139.9016992	22.7	1.852	347.4	139.2942101
1.594	339.5	145.4751667	22.72	2.093	339.3	145.6753339
1.415	0.061	135.4600229	22.76	1.667	0.053	135.4603012
1.432	345.6	140.4224336	22.86	1.744	343.4	142.0185516
1.544	335.5	149.9393426	22.85	1.844	335.2	150.3151193
1.628	337.7	147.3618674	22.83	2.053	337.7	147.3618674
2.103	338.5	146.4994658	22.81	2.496	339.4	145.5749597
1.604	354.9	136.1915717	22.77	1.948	352.8	136.810367
1.645	356.1	135.9221983	22.81	2.154	356.1	135.9221983
1.807	344.5	141.1899582	22.8	2.344	343.9	141.6342428
1.36	348	138.952495	22.79	1.781	346.8	139.6529623
1.649	348.5	138.6806025	22.85	2.167	348.6	138.6276173
1.174	341.7	143.4232201	22.9	1.553	337.5	147.5835656
1.574	345.7	140.355632	23.01	1.88	343.4	142.0185516
0.935	342.2	142.9941199	23.11	1.274	337.6	147.4724086
1.357	3.132	135.5483377	23.21	1.662	3.771	135.6157199
1.215	344.3	141.3360215	23.32	1.681	342.5	142.7430964
1.332	342.9	142.4158267	23.3	1.885	340.2	144.7927354
1.41	3.076	135.5432391	23.31	1.763	0.415	135.4503527
1.13	348	138.952495	23.35	1.421	349.7	138.0751192
1.74	336.8	148.379085	23.4	2.172	333	153.2595242
1.714	335.4	150.0639356	23.28	2.413	334.1	151.7450728
1.974	348.3	138.7879636	23.28	2.347	347.2	139.411891
1.793	338.8	146.1859844	23.2	2.271	339.2	145.7762909
1.871	327.5	162.2397397	23.17	1.938	324.3	168.7126952
1.806	321.8	174.5327325	23.11	2.182	321.4	175.5328989
1.528	322.4	173.0693692	23.11	1.981	323.2	171.184873
1.529	333.9	152.0140384	23.12	2.11	334.5	151.2154981
1.87	355.6	136.0270567	23.28	2.17	354.8	136.2167669
1.868	347.5	139.23608	23.31	2.496	348.3	138.7879636
1.666	346.8	139.6529623	23.27	1.924	346.3	139.9650888
1.715	357.8	135.6439919	23.33	1.959	353.5	136.5830783
1.099	348.7	138.5750946	23.4	1.469	345.9	140.2234999
1.371	349.3	138.2696225	23.49	1.621	350.9	137.5349652
1.392	352.9	136.7766005	23.53	1.773	352.7	136.8445673
1.158	5.571	135.8968499	23.67	1.635	4.314	135.6863016
1.238	331.3	155.7749165	23.69	1.519	334.3	151.4788997
1.247	323.9	169.5961403	23.73	1.568	323.7	170.0444603
1.371	355.9	135.9628798	23.81	1.777	350.8	137.577514
1.919	342.6	142.6604859	23.72	2.34	342.6	142.6604859
1.292	357.6	135.6704665	23.62	1.693	353.6	136.5523328
1.315	330	157.8499471	23.71	1.628	329.1	159.3677662
1.789	313.4	191.6169031	23.72	2.181	314.3	195.7142115
1.851	342.9	142.4158267	23.69	2.244	341.5	143.5986496
1.477	341.2	143.8658923	23.62	2.012	340.7	144.3223303

23.04	1.807	340	144.9848547	144.7158481	Yes
23.01	2.46	343.9	141.6342428	146.4110625	Yes
22.91	2.241	348.1	138.8971847	141.0397934	Yes
22.85	2.519	359	135.5200067	135.6680606	Yes
22.75	2.461	347.5	139.23608	139.4399327	Yes
22.81	1.923	6.489	136.0924678	135.9164517	Yes
22.84	2.083	349.3	138.2696225	139.8955561	Yes
22.88	2.336	342	143.1641434	144.7056061	Yes
22.94	1.916	2.597	135.5049308	135.519242	Yes
23.05	2.083	344.6	141.1176841	140.8913637	Yes
23.01	2.046	337.4	147.6953406	148.2336643	Yes
23	2.324	337.8	147.2519401	147.1216038	Yes
22.95	2.87	339.4	145.5749597	144.2601617	Yes
22.92	2.258	356.1	135.9221983	137.5153436	Yes
22.97	2.459	0.162	135.4567365	135.8702545	Yes
22.94	2.574	347.8	139.0645196	144.3270028	Yes
22.93	2.027	349	138.4202926	139.6566642	Yes
22.98	2.353	349.8	138.0276292	138.2427702	Yes
23.05	1.739	339.9	145.0817692	143.8456913	Yes
23.17	2.199	344.3	141.3360215	140.4529065	Yes
23.28	1.464	348	138.952495	144.2999804	Yes
23.37	1.951	9.5	136.9857152	135.6073475	Yes
23.49	1.752	347.5	139.23608	141.1884365	Yes
23.45	1.969	343.2	142.1758963	144.0226959	Yes
23.43	1.942	1.515	135.453303	135.7387187	Yes
23.51	1.684	351.1	137.4512019	137.6792957	Yes
23.53	2.537	339.1	145.8778326	151.7416073	Yes
23.38	2.548	338.4	146.6051528	150.2789969	Yes
23.36	2.915	347.4	139.2942101	139.5830345	Yes
23.27	2.573	341.9	143.249962	146.0316883	Yes
23.23	2.589	325	167.2080708	159.3899689	Yes
23.15	2.449	323.8	169.8197457	174.9005325	Yes
23.16	2.326	323.6	170.2702897	177.3294709	Yes
23.17	2.257	336.6	148.6120398	151.8544927	Yes
23.34	2.759	355.6	136.0270567	135.9969444	Yes
23.32	2.765	350.8	137.577514	139.9188142	Yes
23.27	2.305	345.9	140.2234999	139.9125858	Yes
23.32	2.27	356.2	135.9024875	136.9369873	Yes
23.4	1.697	349.8	138.0276292	139.7289889	Yes
23.51	1.899	349.8	138.0276292	139.126241	Yes
23.54	2.01	356.4	135.8643244	137.058723	Yes
23.69	1.736	12.84	138.4406936	135.9312644	Yes
23.74	1.599	335.6	149.8154124	157.3825054	Yes
23.76	1.833	326.3	164.548069	170.9015475	Yes
23.84	1.945	355.3	136.0950271	136.9483003	Yes
23.71	2.64	341.9	143.249962	142.9412294	Yes
23.61	1.906	352.4	136.949775	136.089175	Yes
23.72	1.876	330.4	157.1969778	160.0144116	Yes
23.72	2.565	316.2	190.5537426	191.0386866	Yes
23.66	2.751	345.7	140.355632	143.3510626	Yes
23.58	2.381	341.6	143.5106627	144.8624334	Yes

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7/30/2019	10:21	24.82	0.359
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7/30/2019	10:23	24.64	0.406
7/30/2019	10:24	24.58	0.496
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330.2	157.5218261	25
316.5	189.5740787	25.04
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309.5	180.7691609	25.07
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323.1	171.416365	24.91
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349.6	138.1230627	25.11
343.7	141.786421	25.15
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321.7	174.7809062	25.24

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1.293	316
1.307	327.3
1.246	334.9
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1.157	335.8
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1.103	345.9
1.171	340.2
1.69	330.2
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1.365	358.7
1.684	352.1
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1.332	353.9
1.383	332
1.318	342.6
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1.645	355.7
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1.147	345.2
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1.456	337.2
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1.477	323.5

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191.2154206	24.26
162.6150149	24.21
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139.9016992	24.5
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157.5218261	24.62
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136.0492916	24.22
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138.471433	24.64
140.2234999	24.63
142.7430964	24.67
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2.088	328.5	160.4181218	23.63	2.32	326.1	164.946271
1.188	336.1	149.2056183	23.68	1.657	330.3	157.3589946
1.942	339.9	145.0817692	23.73	2.574	337.9	147.1426245
2.009	337.7	147.3618674	23.63	2.673	336.5	148.729472
1.614	327.1	162.994021	23.56	2.06	324.4	168.49455
1.632	343.6	141.8632814	23.63	2.091	342.2	142.9941199
1.188	338.8	146.1859844	23.71	1.689	335.7	149.6921424
1.317	316.4	189.898934	23.88	1.961	316.8	188.6095808
1.585	312	187.4756675	23.89	2.081	311.6	186.3453391
1.631	324.9	167.4198452	23.84	2.134	321.6	175.0303206
1.755	335.3	150.1891937	23.84	2.024	332.7	153.6876994
1.529	336.9	148.2635581	23.86	1.898	332.9	153.4015168
1.363	346.2	140.0289626	23.94	1.812	341.2	143.8658923
1.298	340	144.9848547	24.09	1.851	333.8	152.1495751
1.412	345	140.8336095	24.15	1.939	345.4	140.557513
1.334	347.5	139.23608	24.19	1.676	344.7	141.0459134
1.022	339.7	145.2773166	24.3	1.671	338.6	146.3943767
2.158	329	159.540656	24.28	2.653	327.4	162.4269132
1.893	330.2	157.5218261	24.05	2.202	329.3	159.0245589
1.754	2.013	135.4710592	24.03	2.158	356.2	135.9024875
2.045	350.6	137.6639493	23.99	2.709	350.5	137.7078372
1.793	358.1	135.6073966	23.9	2.512	353.5	136.5830783
1.744	356.1	135.9221983	23.91	2.156	352	137.0961561
1.852	335.4	150.0639356	24.01	2.29	331.8	155.0123664
1.788	341.9	143.249962	23.98	2.212	341.4	143.6871825
2.272	355.9	135.9628798	23.98	2.965	354.1	136.4050401
1.727	350.8	137.577514	23.95	2.306	349.3	138.2696225
1.944	353.4	136.6142539	24.03	2.483	354	136.4336422
2.118	9.05	136.8274129	23.96	2.64	10.56	137.3936239
1.874	356.5	135.8458714	24.01	2.34	353.5	136.5830783
1.433	345.5	140.4897269	24.13	1.817	342.4	142.8262379
2.241	344.6	141.1176841	24.26	2.547	342.4	142.8262379
1.498	337.8	147.2519401	24.27	2.218	334.2	151.6116385
1.778	321.7	174.7809062	24.31	2.363	321.1	176.2962446
1.705	337.7	147.3618674	24.28	2.579	335.9	149.4475739
1.826	335.5	149.9393426	24.26	2.324	332.8	153.5442409
1.477	336.1	149.2056183	24.23	2.001	332.8	153.5442409
1.489	327.2	162.8040494	24.26	1.96	327	163.184934
1.379	329.8	158.1813694	24.22	1.736	330.3	157.3589946
1.527	326.6	163.9580918	24.34	2.001	325.2	166.7876462
2.354	314	195.7142115	24.36	2.933	314.1	195.7142115
1.999	339.4	145.5749597	24.24	2.661	337.4	147.6953406
1.68	333.1	153.1182603	24.19	1.956	330.5	157.0357721
1.239	339.4	145.5749597	24.25	1.563	339.5	145.4751667
2.273	349.8	138.0276292	24.43	2.685	348.2	138.8423412
1.581	2.425	135.4934907	24.38	2.161	356.5	135.8458714
1.757	347.6	139.1784222	24.41	2.244	345.9	140.2234999
1.78	345	140.8336095	24.41	2.217	342.1	143.0788632
1.982	341.2	143.8658923	24.45	2.712	338.1	146.9258206
1.729	321.3	175.7860767	24.52	2.337	317.9	185.1983516

23.63	2.451	332.1	154.5640391	164.2539101	Yes
23.59	2.922	328.4	160.5962459	160.3450473	Yes
23.65	1.987	335.4	150.0639356	153.0601066	Yes
23.69	2.984	341.3	143.7762629	147.585526	Yes
23.58	3.01	338.9	146.0826775	149.0541689	Yes
23.53	2.446	327.2	162.8040494	161.9007959	Yes
23.6	2.43	344	141.5589225	147.7804842	Yes
23.67	1.761	339.9	145.0817692	149.7764914	Yes
23.85	1.98	320.2	178.6563324	184.2968593	Yes
23.83	2.436	314.3	195.7142115	181.0406882	Yes
23.77	2.376	323.3	170.9545255	172.4907212	Yes
23.78	2.545	335.7	149.6921424	153.3146438	Yes
23.79	2.262	337.8	147.2519401	149.9205594	Yes
23.86	2.166	348.8	138.5230334	146.8293347	Yes
24.02	2.152	338.8	146.1859844	150.1339639	Yes
24.04	2.124	351.4	137.328883	145.6071935	Yes
24.07	2.006	345.1	140.7638403	142.8006048	Yes
24.2	1.641	342.4	142.8262379	145.1051252	Yes
24.16	3.229	329.1	159.3677662	160.5261026	Yes
23.92	2.907	331.3	155.7749165	157.338413	Yes
23.93	2.715	1.107	135.446384	136.2848172	Yes
23.88	3.078	354.7	136.2423866	139.0073353	Yes
23.8	2.888	356.8	135.7930238	136.9571797	Yes
23.82	2.572	357	135.759882	137.9540882	Yes
23.91	2.76	336.9	148.2635581	154.7891976	Yes
23.88	2.623	343.3	142.096964	145.6438381	Yes
23.89	3.336	358.2	135.5960285	138.7945207	Yes
23.88	2.536	354.9	136.1915717	142.8135923	Yes
23.96	2.921	357.8	135.6439919	140.3347394	Yes
23.87	3.194	12.14	138.0942421	136.8743617	Yes
23.93	2.985	356.4	135.8643244	137.3810387	Yes
24.03	2.065	345.4	140.557513	142.4976236	Yes
24.18	3.055	344.2	141.4098131	146.0971138	Yes
24.16	2.298	338.8	146.1859844	149.8492065	Yes
24.18	2.709	323.9	169.5961403	178.9308209	Yes
24.13	2.827	338.3	146.7114396	149.8658495	Yes
24.1	2.677	336.9	148.2635581	154.0377537	Yes
24.05	2.188	335.5	149.9393426	152.4909569	Yes
24.07	2.153	329.5	158.684756	168.2305142	Yes
24.07	2.025	329.2	159.1957351	158.8717627	Yes
24.19	2.479	328.4	160.5962459	171.8322813	Yes
24.18	3.354	318.5	183.4173207	191.9779488	Yes
24.06	2.938	338.4	146.6051528	150.6631661	Yes
24.01	2.464	331.7	155.1633342	158.098986	Yes
24.1	1.926	341.8	143.3363204	144.2666198	Yes
24.24	3.421	350.9	137.5349652	140.2982209	Yes
24.19	2.526	3.153	135.5502832	136.2311591	Yes
24.21	2.637	350.8	137.577514	139.914944	Yes
24.23	2.549	346.1	140.0933217	143.1578044	Yes
24.28	3.155	341.2	143.8658923	149.1799358	Yes
24.37	2.66	321.2	176.0405229	176.5656436	Yes

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7/30/2019	10:57	24.68	0.508
7/30/2019	10:58	24.71	0.508
7/30/2019	10:59	24.77	0.491
7/30/2019	11:00	24.82	0.472
7/30/2019	11:01	24.86	0.437
7/30/2019	11:02	24.94	0.429
7/30/2019	11:03	25.01	0.477
7/30/2019	11:04	25.06	0.392
7/30/2019	11:05	25.09	0.455
7/30/2019	11:06	25.06	0.496
7/30/2019	11:07	25.02	0.578
7/30/2019	11:08	25	0.469
7/30/2019	11:09	24.99	0.602
7/30/2019	11:10	24.96	0.366
7/30/2019	11:11	25.07	0.494
7/30/2019	11:12	25.21	0.368
7/30/2019	11:13	25.32	0.585
7/30/2019	11:14	25.3	0.64
7/30/2019	11:15	25.26	0.243
7/30/2019	11:16	25.36	0.394
7/30/2019	11:17	25.38	0.629
7/30/2019	11:18	25.3	0.497
7/30/2019	11:19	25.33	0.397
7/30/2019	11:20	25.35	0.6
7/30/2019	11:21	25.26	0.508
7/30/2019	11:22	25.22	0.458
7/30/2019	11:23	25.17	0.456
7/30/2019	11:24	25.08	0.606
7/30/2019	11:25	25.03	0.482
7/30/2019	11:26	25	0.451
7/30/2019	11:27	25.02	0.636
7/30/2019	11:28	24.99	0.395
7/30/2019	11:29	25.04	0.377
7/30/2019	11:30	25.1	0.391
7/30/2019	11:31	25.17	0.326
7/30/2019	11:32	25.3	0.305
7/30/2019	11:33	25.46	0.39
7/30/2019	11:34	25.5	0.422
7/30/2019	11:35	25.62	0.382
7/30/2019	11:36	25.67	0.377
7/30/2019	11:37	25.64	0.483
7/30/2019	11:38	25.6	0.373
7/30/2019	11:39	25.55	0.443
7/30/2019	11:40	25.55	0.381
7/30/2019	11:41	25.64	0.426
7/30/2019	11:42	25.59	0.542
7/30/2019	11:43	25.44	0.523
7/30/2019	11:44	25.36	0.413

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333.1	153.1182603	24.92
337.2	147.9207527	25
312.4	188.6290418	25.07
321.7	174.7809062	25.13
324.7	167.8465446	25.25
334.4	151.3468538	25.32
335.5	149.9393426	25.35
322.9	171.8828066	25.39
311.7	186.6257896	25.33
304.9	170.4081994	25.28
324.5	168.2774801	25.24
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338.8	146.1859844	25.17
328.3	160.7752562	25.33
331.1	156.0853794	25.48
332.5	153.9768314	25.62
332.6	153.8318952	25.57
314.7	195.6900033	25.47
335.2	150.3151193	25.64
314.2	195.7142115	25.65
307.5	175.9737479	25.53
329.7	158.3483275	25.56
316.1	190.8837175	25.6
311	184.6919171	25.47
330.7	156.7157803	25.4
331.4	155.6208578	25.32
342.8	142.4968525	25.19
332.6	153.8318952	25.13
337.9	147.1426245	25.09
325.3	166.5789856	25.14
324	169.3736382	25.13
318.8	182.5470487	25.22
329.3	159.0245589	25.32
351	137.4928614	25.39
321.2	176.0405229	25.56
329.6	158.5161218	25.75
336.6	148.6120398	25.75
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314.3	195.7142115	25.92
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319.2	181.4071437	25.79
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309.4	180.5179243	25.5
300.4	162.3184643	25.39

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1.145	328.7
1.241	327.5
1.424	338.9
1.215	341.7
1.398	329.4
1.414	327.2
1.434	310.9
1.232	326
1.483	339.4
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1.238	343.9
1.463	346.6
1.507	347.4
0.833	328.7
1.065	339.3
1.548	311.6
1.314	314.2
0.965	319.4
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1.669	314.1
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1.198	345.9
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1.238	316.6
1.44	298.3
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1.628	318.5
1.338	308.8
1.497	316.4
1.838	323.4
2.006	307.5
1.341	309.5

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160.0645165	24.69
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143.4232201	24.85
158.8542338	24.86
162.8040494	24.79
184.4211537	24.76
165.1468514	24.74
145.5749597	24.71
147.5835656	24.68
152.1495751	24.87
141.6342428	25.02
139.7763685	25.12
139.2942101	25.04
160.0645165	24.94
145.6753339	25.09
186.3453391	25.11
195.7142115	25.03
180.8458047	25.08
179.1954466	25.12
195.7142115	25.02
148.034394	24.98
150.9548471	24.88
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139.9016992	24.73
141.484113	24.71
146.3943767	24.76
161.8681603	24.76
192.2210107	24.88
150.9548471	24.96
140.2234999	25.03
170.9545255	25.18
148.379085	25.35
146.2898835	25.33
170.0444603	25.5
189.2509084	25.51
159.1263255	25.41
187.4756675	25.33
183.4173207	25.29
179.0364331	25.31
189.898934	25.44
170.7253164	25.33
175.9737479	25.15
180.7691609	25.06

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2.425	319.3	181.1257634	24.3	2.927	319.2	181.4071437
2.071	326.1	164.946271	24.19	2.756	325.1	166.9973396
1.946	331.5	155.4675767	24.26	2.487	328.8	159.8890273
2.065	333.9	152.0140384	24.32	2.602	336	149.3262707
2.053	341.5	143.5986496	24.41	2.766	338.5	146.4994658
1.695	321.3	175.7860767	24.44	2.233	322.2	173.55231
1.423	321.8	174.5327325	24.5	1.798	320.7	177.3320297
1.526	324.2	168.9319213	24.63	2.016	321.7	174.7809062
1.718	337.8	147.2519401	24.67	2.204	336.8	148.379085
1.441	338.7	146.2898835	24.63	1.979	337.3	147.8077356
1.806	326.8	163.5696028	24.61	2.356	323.8	169.8197457
1.866	324.4	168.49455	24.55	2.329	322.6	172.5912057
1.92	310.1	182.3031224	24.54	2.406	310.5	183.3515534
1.792	320.2	178.6563324	24.52	2.16	319.4	180.8458047
2.091	333.8	152.1495751	24.51	2.398	334.1	151.7450728
1.397	335.8	149.5695304	24.48	1.674	333.3	152.8379067
1.637	330.9	156.3989918	24.69	2.186	327.9	161.5002424
1.345	345.9	140.2234999	24.83	1.668	342.8	142.4968525
1.824	343.9	141.6342428	24.91	2.242	345	140.8336095
2.089	340.7	144.3223303	24.8	2.498	341.9	143.249962
1.049	329	159.540656	24.68	1.382	325.6	165.9591491
1.318	332.3	154.2689366	24.83	1.599	333.4	152.6988115
2.095	309.2	180.0191816	24.86	2.51	306.1	172.8883094
1.762	310.7	183.8836779	24.8	2.166	309.5	180.7691609
1.212	318	184.8977039	24.84	1.458	314.9	194.9814553
2.303	315.7	192.2210107	24.9	2.54	313.5	191.9241395
1.956	310.1	182.3031224	24.81	2.669	310.8	184.1517432
2.282	332.1	154.5640391	24.79	2.995	331.5	155.4675767
2.12	334.2	151.6116385	24.69	2.841	331.8	155.0123664
2.454	345.7	140.355632	24.61	2.909	343.7	141.786421
2.123	343.6	141.8632814	24.58	2.724	342.3	142.9099119
1.649	343.8	141.7100752	24.55	2.271	342.2	142.9941199
2.325	334.7	150.9548471	24.6	2.992	334.4	151.3468538
1.834	323.5	170.4972397	24.6	2.142	320.7	177.3320297
1.416	312	187.4756675	24.71	1.827	311.4	185.7886529
1.404	329.4	158.8542338	24.77	1.765	327.8	161.6837458
1.3	346.6	139.7763685	24.83	1.892	345.7	140.355632
1.011	320.7	177.3320297	24.96	1.363	317.3	187.035022
1.733	331.7	155.1633342	25.12	2.282	332.9	153.4015168
1.917	334.4	151.3468538	25.11	2.186	332.5	153.9768314
1.236	319.7	180.0143756	25.29	1.589	317.6	186.1096044
1.661	311	184.6919171	25.28	2.089	309.5	180.7691609
1.808	296	156.0067	25.17	2.369	293	152.4775331
1.631	310.6	183.6169505	25.1	2.255	308.7	178.7937782
1.996	312.9	190.1039947	25.07	2.497	311.1	184.9640411
1.404	308	177.1284437	25.1	2.114	305.8	172.2544374
1.944	313.9	195.7142115	25.26	2.371	311.8	186.9076557
2.628	318.9	182.2598979	25.14	2.927	318.7	182.8356637
2.276	306.7	174.1845669	24.96	3.05	307.8	176.6631365
1.664	310.1	182.3031224	24.86	2.123	305.3	171.2186266

24.3	3.398	317.2	187.3466876	188.3547371	Yes
24.12	3.579	321	176.5532489	183.3133077	Yes
24.03	3.129	326.8	163.5696028	165.9325148	Yes
24.11	2.913	332.9	153.4015168	157.3314473	Yes
24.18	3.109	339.4	145.5749597	150.6232409	Yes
24.28	3.026	344.6	141.1176841	145.4487827	Yes
24.29	2.658	325.2	166.7876462	178.6947429	Yes
24.36	1.942	326.4	164.3504379	171.6775462	Yes
24.5	2.262	325.7	165.7545685	168.4497779	Yes
24.51	2.703	342.1	143.0788632	148.2651391	Yes
24.44	2.304	339.5	145.4751667	146.8650455	Yes
24.43	2.708	329.3	159.0245589	166.0315972	Yes
24.36	2.799	324.2	168.9319213	172.6288987	Yes
24.34	2.944	311.5	186.0662962	180.1210073	Yes
24.34	2.603	322.6	172.5912057	173.2316172	Yes
24.33	2.931	333.5	152.5604335	150.7534621	Yes
24.34	2.09	335.2	150.3151193	149.0442468	Yes
24.56	2.47	332	154.712722	157.7060164	Yes
24.69	2.172	346.4	139.9016992	145.1099936	Yes
24.74	2.738	344.9	140.9038772	144.0552631	Yes
24.59	2.975	340.9	144.1380905	145.1745994	Yes
24.49	1.525	326.7	163.7633675	170.3135812	Yes
24.62	1.94	334.5	151.2154981	150.7395503	Yes
24.65	3.206	309.1	179.7716623	183.7417604	Yes
24.56	2.753	311.6	186.3453391	184.0851996	Yes
24.62	1.846	318.3	184.0049395	179.7683228	Yes
24.71	3.168	316.8	188.6095808	188.5560786	Yes
24.61	2.942	314	195.7142115	186.7152486	Yes
24.61	3.499	334.7	150.9548471	153.6954476	Yes
24.5	3.061	335.4	150.0639356	153.2999275	Yes
24.45	3.772	346.3	139.9650888	140.8840226	Yes
24.42	3.209	344.8	140.9746448	144.626697	Yes
24.38	2.507	347.7	139.1212357	143.3327332	Yes
24.44	3.539	335.7	149.6921424	153.8187658	Yes
24.44	2.448	324.2	168.9319213	169.767767	Yes
24.55	2.114	315.3	193.5866754	187.008095	Yes
24.58	2.076	327.4	162.4269132	157.6293464	Yes
24.61	2.079	347.5	139.23608	139.4620905	Yes
24.74	1.63	323	171.6490075	177.840525	Yes
24.91	2.527	336.4	148.8475437	153.8650145	Yes
24.94	2.875	338.1	146.9258206	150.0564021	Yes
25.13	1.876	323.6	170.2702897	175.6868565	Yes
25.05	2.525	311.8	186.9076557	187.6065495	Yes
24.96	2.744	297	157.3167727	162.6088199	Yes
24.88	2.778	312.7	189.5095215	184.9463326	Yes
24.86	2.931	316.1	190.8837175	187.3731173	Yes
24.92	2.309	311.2	185.2375331	177.527317	Yes
25.08	2.847	316.1	190.8837175	188.4819862	Yes
24.95	3.755	321.8	174.5327325	179.3378227	Yes
24.76	3.502	311.1	184.9640411	176.8348439	Yes
24.66	2.597	309.7	181.2753983	174.1523436	Yes

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7/30/2019	11:49	25.4	0.576
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7/30/2019	11:52	25.36	0.655
7/30/2019	11:53	25.33	0.627
7/30/2019	11:54	25.24	0.822
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7/30/2019	12:06	25.38	0.589
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7/30/2019	12:11	25.35	0.528
7/30/2019	12:12	25.44	0.42
7/30/2019	12:13	25.48	0.523
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7/30/2019	12:16	25.36	0.23
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7/30/2019	12:35	25.48	0.522

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322.8	172.1177686	25.31
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330.9	156.3989918	25.49
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339.3	145.6753339	25.42
336.9	148.2635581	25.35
322.7	172.3538995	25.36
319.7	180.0143756	25.33
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321.5	175.2809825	25.5
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328.1	161.1359522	25.49
335.3	150.1891937	25.36
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326.9	163.3767931	25.56
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317.2	187.3466876	25.5
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316.1	190.8837175	25.11
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328.2	160.955157	25.48
318.2	184.3010071	25.52

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1.633	323.1
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1.964	327
2.062	318.7
2.022	335.3
1.759	333.7
2.137	330.4
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2.031	328.9
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1.914	335.5
2.047	349.4
2.02	342.7
2.051	346.7
1.94	333.6
1.372	318.9
1.605	323
2.015	343.2
2.255	344.2
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2.291	336.4
1.803	323.3
1.845	314.5
1.469	323.5
1.583	318.2
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2.258	337.6
2.127	346.9
1.436	333.7
1.959	345.9
2.331	340.7
2.159	333.2
2.521	331.3
2.188	326.5
2.25	326
2.021	330.5
1.997	331
1.701	327.5
1.874	335.4
1.886	322.1

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167.6946976	25.24
181.9742025	25.23
195.7142115	25.18
164.6434892	25.22
171.416365	25.2
152.6988115	25.14
172.8296935	25.14
163.184934	25.07
182.8356637	24.98
150.1891937	24.84
152.2858181	24.87
157.1969778	24.96
158.684756	24.94
146.7114396	24.98
141.1176841	24.99
146.9258206	25.06
143.7762629	25.12
154.8621634	25.24
159.7144084	25.17
152.8379067	25.2
149.9393426	25.15
138.2203136	25.13
142.5784051	25.09
139.7144254	25.1
152.4227699	25.05
182.2598979	25.13
171.6490075	25.27
142.1758963	25.29
141.4098131	25.21
139.1212357	25.16
148.8475437	25.1
170.9545255	25.13
195.7142115	25.09
170.4972397	25.14
184.3010071	25.29
151.0848301	25.34
147.4724086	25.23
139.5919783	25.1
152.2858181	25.16
140.2234999	25.32
144.3223303	25.3
152.9777221	25.33
155.7749165	25.26
164.1537804	25.12
165.1468514	24.88
157.0357721	24.95
156.2417902	25.06
162.2397397	25.17
150.0639356	25.26
173.7955882	25.3

1.998	308.2	177.5983781	24.94	2.64	307.3	175.5198021
1.64	305.7	172.0452245	25.06	2.36	304.3	169.2222095
2.119	315	194.6299891	25.05	2.703	313.7	192.5433417
2.008	311.3	185.5124012	25	2.474	307.4	175.7462142
2.197	300.6	162.6406568	25.06	2.857	298.5	159.4157407
2.06	318	184.8977039	25.05	2.634	317	187.9748679
1.746	329.9	158.0152438	24.97	2.327	326.6	163.9580918
2.228	320.9	176.811543	24.99	2.818	319.7	180.0143756
2.386	326.4	164.3504379	24.93	3.053	323.7	170.0444603
2.696	318.3	184.0049395	24.85	3.305	317.5	186.4164902
2.599	332.7	153.6876994	24.71	3.151	331.2	155.9297559
2.117	331.7	155.1633342	24.75	2.751	328.7	160.0645165
2.494	327.8	161.6837458	24.85	3.237	325.4	166.3713526
2.388	328.2	160.955157	24.82	2.968	327.1	162.994021
2.482	336.6	148.6120398	24.87	3.011	336	149.3262707
2.074	343.2	142.1758963	24.88	2.88	339.3	145.6753339
2.148	335.2	150.3151193	24.95	2.484	334	151.8792052
2.255	342.3	142.9099119	25.01	2.614	339.6	145.3759529
2.126	331.3	155.7749165	25.12	2.434	329.8	158.1813694
2.348	326.1	164.946271	25.05	3.16	326.9	163.3767931
2.247	334.2	151.6116385	25.08	2.912	333.2	152.9777221
2.431	331.8	155.0123664	25.03	3.123	330.8	156.5569873
2.717	347.6	139.1784222	25.02	3.425	346.5	139.8387928
2.579	340.3	144.6975271	24.99	3.082	340.2	144.7927354
2.499	343.4	142.0185516	25	3.215	342	143.1641434
1.994	331	156.2417902	24.96	2.902	327.9	161.5002424
1.839	314.1	195.7142115	25.03	2.211	314	195.7142115
1.914	321.4	175.5328989	25.16	2.377	320.3	178.3888034
2.487	342.2	142.9941199	25.16	3.135	337.9	147.1426245
2.455	344.6	141.1176841	25.07	3.332	341.8	143.3363204
3.028	347.8	139.0645196	25.05	3.486	343	142.3353263
2.727	337.7	147.3618674	24.99	3.521	335.1	150.441715
2.473	319.8	179.7400211	25.03	3.075	318.5	183.4173207
2.194	312	187.4756675	24.98	2.994	310.5	183.3515534
1.985	320.7	177.3320297	25.03	2.327	318.4	183.7103804
1.937	315.6	192.5597384	25.18	2.531	314	195.7142115
2.885	328.1	161.1359522	25.24	3.338	327.6	162.0534901
2.96	338.2	146.8183282	25.13	3.713	336.1	149.2056183
2.517	343.9	141.6342428	24.99	3.348	343	142.3353263
1.874	328.4	160.5962459	25.04	2.318	331.9	154.8621634
2.2	342.7	142.5784051	25.22	2.836	341.1	143.9560723
2.812	338.5	146.4994658	25.2	3.742	336.1	149.2056183
2.833	330.6	156.8753741	25.23	3.422	329.8	158.1813694
3.16	330.9	156.3989918	25.17	3.887	328.1	161.1359522
2.946	326.6	163.9580918	25.04	3.651	324.4	168.49455
2.693	322.5	172.8296935	24.82	3.62	321.2	176.0405229
2.441	328.2	160.955157	24.89	3.326	327.1	162.994021
2.453	328.4	160.5962459	24.99	3.181	325.4	166.3713526
2.158	327.4	162.4269132	25.09	2.629	324.4	168.49455
2.736	333.3	152.8379067	25.17	3.143	332	154.712722
2.409	322.1	173.7955882	25.2	3.056	320.1	178.9252109

24.77	2.905	312.6	189.2145397	179.798018	Yes
24.89	2.776	307	174.8472386	173.1447705	Yes
24.84	3.369	318.7	182.8356637	191.1205806	Yes
24.79	3.01	313	190.403504	186.7692054	Yes
24.87	3.364	303.3	167.3221929	161.6758735	Yes
24.85	3.139	320.9	176.811543	183.5982329	Yes
24.78	2.711	331.1	156.0853794	159.6088786	Yes
24.81	3.324	323.5	170.4972397	178.1228189	Yes
24.76	3.485	327	163.184934	164.6789461	Yes
24.68	3.991	319.2	181.4071437	182.5820569	Yes
24.54	4.109	334.1	151.7450728	157.5759722	Yes
24.61	3.328	332	154.712722	153.7743086	Yes
24.68	3.869	328	161.3176459	163.3823891	Yes
24.66	3.454	330	157.8499471	161.4069887	Yes
24.72	3.572	339	145.9799608	150.5838065	Yes
24.73	3.249	343.9	141.6342428	145.3479211	Yes
24.79	3.247	337.4	147.6953406	150.4201446	Yes
24.83	3.383	343.3	142.096964	143.5397729	Yes
24.95	3.328	331.4	155.6208578	154.4164982	Yes
24.87	3.667	328.7	160.0645165	162.6631219	Yes
24.93	3.376	338.6	146.3943767	153.0349973	Yes
24.88	3.691	335.2	150.3151193	154.2440683	Yes
24.86	3.98	350.7	137.6205085	139.8336232	Yes
24.85	3.78	345.2	140.6945686	147.5625092	Yes
24.85	3.815	346.2	140.0289626	142.1460757	Yes
24.81	3.12	334.7	150.9548471	160.5706428	Yes
24.91	2.611	318.5	183.4173207	187.624966	Yes
25.02	2.925	322.1	173.7955882	170.4924254	Yes
24.99	3.758	341.9	143.249962	145.65694	Yes
24.92	3.869	345.1	140.7638403	141.136105	Yes
24.91	4.39	346.4	139.9016992	141.5491039	Yes
24.86	4.071	338.4	146.6051528	148.728671	Yes
24.89	3.661	322.5	172.8296935	176.6164417	Yes
24.83	3.515	313.1	190.7045403	186.638952	Yes
24.9	3.089	322.8	172.1177686	172.6410522	Yes
25.03	2.976	315.3	193.5866754	186.9639849	Yes
25.09	4.138	330.7	156.7157803	159.50941	Yes
24.99	4.283	340.2	144.7927354	151.1580768	Yes
24.85	3.821	345.9	140.2234999	143.4376853	Yes
24.91	2.93	331.3	155.7749165	157.3111174	Yes
25.11	3.383	344.6	141.1176841	144.2682742	Yes
25.05	4.322	337.1	148.034394	150.8510519	Yes
25.1	4.173	332.3	154.2689366	162.2200676	Yes
25.02	4.821	330.9	156.3989918	165.164137	Yes
24.9	4.438	327.5	162.2397397	170.3012536	Yes
24.71	4.182	324.1	169.1522337	176.2251963	Yes
24.79	3.734	330.9	156.3989918	160.3064575	Yes
24.87	3.815	328.8	159.8890273	166.083788	Yes
24.97	3.272	328.6	160.24088	164.0865342	Yes
25.05	4.095	332.9	153.4015168	154.6424303	Yes
25.07	3.83	323.3	170.9545255	177.7043486	Yes

7/30/2019	12:36	25.51	0.413
7/30/2019	12:37	25.49	0.538
7/30/2019	12:38	25.56	0.491
7/30/2019	12:39	25.62	0.427
7/30/2019	12:40	25.72	0.563
7/30/2019	12:41	25.66	0.785
7/30/2019	12:42	25.57	0.701
7/30/2019	12:43	25.52	0.642
7/30/2019	12:44	25.45	0.558
7/30/2019	12:45	25.47	0.523
7/30/2019	12:46	25.54	0.358
7/30/2019	12:47	25.68	0.414
7/30/2019	12:48	25.73	0.469
7/30/2019	12:49	25.7	0.407
7/30/2019	12:50	25.66	0.429
7/30/2019	12:51	25.57	0.532
7/30/2019	12:52	25.49	0.587
7/30/2019	12:53	25.49	0.508
7/30/2019	12:54	25.55	0.364
7/30/2019	12:55	25.68	0.507
7/30/2019	12:56	25.75	0.384
7/30/2019	12:57	25.85	0.426
7/30/2019	12:58	25.92	0.392
7/30/2019	12:59	25.92	0.41
7/30/2019	13:00	25.97	0.246
7/30/2019	13:01	26.03	0.422
7/30/2019	13:02	26.04	0.331
7/30/2019	13:03	26.06	0.328
7/30/2019	13:04	26.11	0.268
7/30/2019	13:05	26.19	0.4
7/30/2019	13:06	26.24	0.336
7/30/2019	13:07	26.35	0.417
7/30/2019	13:08	26.32	0.326
7/30/2019	13:09	26.29	0.39
7/30/2019	13:10	26.25	0.555
7/30/2019	13:11	26.15	0.474
7/30/2019	13:12	26.14	0.383
7/30/2019	13:13	26.14	0.441
7/30/2019	13:14	26.13	0.532
7/30/2019	13:15	26.11	0.474
7/30/2019	13:16	26.09	0.406
7/30/2019	13:17	26.09	0.363
7/30/2019	13:18	26.05	0.403
7/30/2019	13:19	26.05	0.585
7/30/2019	13:20	26.02	0.472
7/30/2019	13:21	25.99	0.492
7/30/2019	13:22	25.94	0.491
7/30/2019	13:23	25.93	0.518
7/30/2019	13:24	25.92	0.491
7/30/2019	13:25	25.91	0.329
7/30/2019	13:26	26	0.321

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318.9	182.2598979	25.51
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320.2	178.6563324	25.64
314.7	195.6900033	25.77
309.6	181.0216499	25.68
315.1	194.2803784	25.55
306.2	173.1016948	25.5
315.3	193.5866754	25.41
310.8	184.1517432	25.45
327.1	162.994021	25.54
322.6	172.5912057	25.71
322.9	171.8828066	25.77
325.6	165.9591491	25.73
333	153.2595242	25.67
319.8	179.7400211	25.56
319.3	181.1257634	25.46
318.4	183.7103804	25.46
328.5	160.4181218	25.55
323.2	171.184873	25.72
322	174.0400802	25.8
327.4	162.4269132	25.91
334	151.8792052	25.97
326	165.1468514	25.95
316.1	190.8837175	25.99
318.5	183.4173207	26.07
329.3	159.0245589	26.06
332.1	154.5640391	26.06
319.7	180.0143756	26.1
303.3	167.3221929	26.18
312.8	189.8060036	26.21
310.2	182.5632711	26.34
321.7	174.7809062	26.27
312.1	187.7618297	26.24
307.7	176.4322033	26.16
318.7	182.8356637	26.03
299	160.152474	26.01
327.6	162.0534901	26.04
332.1	154.5640391	26.06
322.7	172.3538995	26.05
320.4	178.1226162	26.03
303.4	167.507983	26.02
317.1	187.6599662	25.97
333.4	152.6988115	25.98
331.2	155.9297559	25.98
338.1	146.9258206	25.96
340.8	144.2299319	25.91
325.4	166.3713526	25.91
321.8	174.5327325	25.91
314.8	195.3347893	25.9
312	187.4756675	26.01

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1.651	317.7
1.57	310.5
1.999	305.2
2.373	313.2
2.16	318.4
2.23	321.2
2.097	315.5
1.875	312.2
1.477	322.3
1.379	325
1.885	332
2.014	330.4
2.43	338
2.27	338
2.011	325.7
1.759	324.2
1.754	325
1.637	325.4
1.582	325.3
1.737	323.1
1.719	332.1
1.789	337.5
0.998	306.3
1.829	318.8
1.756	324.2
1.596	329.7
1.272	318.8
1.505	297
1.27	305.2
1.65	317.8
1.371	315.3
1.727	312.1
2.043	303.8
1.979	311.6
1.593	312.6
1.7	331.7
1.968	337.6
1.859	330.7
2.037	318.4
1.645	308.6
1.743	307
2.243	334.9
2.251	336.9
2.075	344.7
2.039	339.3
2.171	332.5
2.05	337.6
1.9	329.4
1.42	328.2

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161.1359522	25.28
185.8042924	25.35
183.3515534	25.4
171.014516	25.55
191.0071128	25.46
183.7103804	25.35
176.0405229	25.3
192.9002508	25.22
188.0494405	25.27
173.3102392	25.36
167.2080708	25.52
154.712722	25.55
157.1969778	25.49
147.0339187	25.41
147.0339187	25.3
165.7545685	25.21
168.9319213	25.24
167.2080708	25.35
166.3713526	25.52
166.5789856	25.58
171.416365	25.67
154.5640391	25.72
147.5835656	25.67
173.3161361	25.72
182.5470487	25.79
168.9319213	25.77
158.3483275	25.77
182.5470487	25.8
157.3167727	25.88
171.014516	25.92
185.5005447	26.04
193.5866754	25.96
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168.2604307	25.87
186.3453391	25.76
189.2145397	25.76
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147.4724086	25.78
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183.7103804	25.76
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150.6969261	25.74
148.2635581	25.73
141.0459134	25.71
145.6753339	25.66
153.9768314	25.65
147.4724086	25.65
158.8542338	25.64
160.955157	25.76

2.932	320.8	177.0711342	25.21	3.55	320.7	177.3320297
2.638	326.1	164.946271	25.18	2.944	324.3	168.7126952
2.271	314.2	195.7142115	25.25	2.641	311.9	187.1909456
2.073	307.2	175.2945059	25.3	2.552	304.9	170.4081994
2.429	301.4	163.9624173	25.46	3.107	302.7	166.2266321
3.179	310.8	184.1517432	25.37	3.988	308.5	178.312062
2.932	318.9	182.2598979	25.27	3.387	314.1	195.7142115
2.982	318.5	183.4173207	25.23	3.626	316.1	190.8837175
2.38	314.3	195.7142115	25.15	3.283	312.8	189.8060036
2.302	309	179.5253688	25.2	2.867	309.2	180.0191816
1.742	316.6	189.2509084	25.28	2.436	316.8	188.6095808
1.933	320.2	178.6563324	25.44	2.163	317.5	186.4164902
2.485	333	153.2595242	25.45	2.84	330.2	157.5218261
2.616	326.9	163.3767931	25.4	3.153	326.2	164.7466785
2.758	334.9	150.6969261	25.32	3.774	333.8	152.1495751
2.879	335.6	149.8154124	25.2	3.548	334.7	150.9548471
2.631	321	176.5532489	25.12	3.304	320.6	177.5942369
2.26	316.5	189.5740787	25.16	2.784	315	194.6299891
1.815	322.4	173.0693692	25.28	2.693	322.1	173.7955882
2.132	318	184.8977039	25.45	2.681	316.2	190.5537426
1.903	321.3	175.7860767	25.47	2.514	323.1	171.416365
1.927	318.4	183.7103804	25.55	2.685	316	191.2154206
1.942	328.4	160.5962459	25.59	2.463	326.8	163.5696028
1.927	333.5	152.5604335	25.55	2.586	332.6	153.8318952
0.969	300.5	162.4791534	25.58	1.442	301.8	164.6434892
2.112	311.7	186.6257896	25.65	2.695	310.5	183.3515534
1.945	321.1	176.2962446	25.63	2.605	321.7	174.7809062
1.802	327.3	162.6150149	25.63	2.292	325.1	166.9973396
1.357	311.5	186.0662962	25.65	1.876	311.1	184.9640411
1.728	295.6	155.5019575	25.72	2.242	292.9	152.3697801
1.507	302.3	165.5142265	25.77	1.838	300.5	162.4791534
1.796	311.1	184.9640411	25.88	2.317	311.1	184.9640411
1.474	311.7	186.6257896	25.79	1.945	309.9	181.7867003
2.097	307.3	175.5198021	25.78	2.653	307.2	175.2945059
2.576	302.2	165.3383346	25.73	3.287	299.1	160.3021067
2.337	308.9	179.2802945	25.64	2.989	307.8	176.6631365
1.68	309	179.5253688	25.64	2.368	307.9	176.8952147
1.917	327.9	161.5002424	25.66	2.606	327	163.184934
2.496	335	150.5689831	25.65	2.864	333.8	152.1495751
2.223	322.8	172.1177686	25.67	2.752	324.8	167.6326681
2.192	315.9	191.5488631	25.65	3.051	314.2	195.7142115
2.013	304	168.6422867	25.66	2.45	301	163.294883
1.89	302.5	165.8686538	25.62	2.604	302.7	166.2266321
2.76	332.7	153.6876994	25.66	3.278	331.4	155.6208578
2.479	333.1	153.1182603	25.64	3.422	333	153.2595242
2.519	340.5	144.5088047	25.63	3.053	338.5	146.4994658
2.252	336.6	148.6120398	25.58	2.946	333.7	152.2858181
2.4	327.5	162.2397397	25.57	3.254	329.2	159.1957351
2.601	332.7	153.6876994	25.57	2.974	331.4	155.6208578
1.957	324.7	167.8465446	25.56	2.626	323.3	170.9545255
1.537	320	179.1954466	25.67	2.082	320.9	176.811543

25.07	4.366	323.9	169.5961403	173.7230946	Yes
25.05	3.755	328.3	160.7752562	169.2637041	Yes
25.12	3.342	314.8	195.3347893	186.7745632	Yes
25.17	2.993	308.4	178.0729882	176.9276478	Yes
25.33	3.562	307.1	175.0703199	174.2233922	Yes
25.23	4.784	312.5	188.9210494	183.623142	Yes
25.16	4.23	317.7	185.8042924	188.991217	Yes
25.13	4.313	319.2	181.4071437	180.8608139	Yes
25.05	3.718	315.3	193.5866754	193.0017853	Yes
25.09	3.548	313.3	191.3112307	182.9364335	Yes
25.17	2.81	318.9	182.2598979	178.5411873	Yes
25.31	2.957	320.9	176.811543	176.2180248	Yes
25.3	3.603	332.4	154.1225109	159.3442197	Yes
25.26	3.814	328.9	159.7144084	162.8198996	Yes
25.18	4.185	338.2	146.8183282	150.784986	Yes
25.08	4.406	336.2	149.0856146	156.8860498	Yes
25.01	3.898	323.4	170.7253164	175.2569544	Yes
25.07	3.457	319.5	180.5672593	184.2115924	Yes
25.19	2.938	325.9	165.3484246	168.6227875	Yes
25.32	3.432	319.8	179.7400211	178.251918	Yes
25.33	3.011	326.1	164.946271	171.9553769	Yes
25.4	2.903	321	176.5532489	177.1922698	Yes
25.43	3.126	328.9	159.7144084	157.6522732	Yes
25.37	2.958	337.1	148.034394	154.7806864	Yes
25.42	1.503	307.2	175.2945059	172.830624	Yes
25.51	3.08	315.2	193.9326112	183.9854281	Yes
25.45	3.036	326.1	164.946271	169.7584077	Yes
25.45	2.698	326.2	164.7466785	160.6311803	Yes
25.46	2.069	315.6	192.5597384	183.3979404	Yes
25.55	2.664	297.6	158.1366964	158.1276758	Yes
25.59	2.32	306	172.6759748	172.2034749	Yes
25.7	2.713	315.5	192.9002508	184.4979745	Yes
25.6	2.299	313.5	191.9241395	184.1950179	Yes
25.61	3.245	312.9	190.1039947	181.5844918	Yes
25.56	3.864	304.6	169.810806	167.5832688	Yes
25.48	3.577	311.6	186.3453391	181.2811085	Yes
25.49	2.799	315.2	193.9326112	176.4468993	Yes
25.51	2.849	333.4	152.6988115	160.4755002	Yes
25.49	3.751	336.7	148.4952449	151.1887515	Yes
25.54	3.317	327.6	162.0534901	167.2050291	Yes
25.52	3.41	318.7	182.8356637	187.2740178	Yes
25.54	2.953	305.6	171.8370419	169.499369	Yes
25.49	2.846	307.8	176.6631365	173.6506227	Yes
25.54	4.102	333.2	152.9777221	153.1760737	Yes
25.51	3.946	337.2	147.9207527	152.6427746	Yes
25.51	3.637	342.6	142.6604859	144.7450011	Yes
25.46	3.4	338.3	146.7114396	147.7007809	Yes
25.46	3.763	331.5	155.4675767	160.4459147	Yes
25.45	3.744	333.7	152.2858181	157.8284246	Yes
25.46	3.053	327.7	161.8681603	173.2475233	Yes
25.57	2.307	327.7	161.8681603	176.1094535	Yes

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7/30/2019	13:35	26.54	0.466
7/30/2019	13:36	26.53	0.574
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7/30/2019	13:43	26.33	0.382
7/30/2019	13:44	26.42	0.52
7/30/2019	13:45	26.48	0.454
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7/30/2019	13:48	26.27	0.305
7/30/2019	13:49	26.26	0.302
7/30/2019	13:50	26.35	0.545
7/30/2019	13:51	26.46	0.426
7/30/2019	13:52	26.47	0.573
7/30/2019	13:53	26.5	0.422
7/30/2019	13:54	26.54	0.478
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7/30/2019	13:56	26.44	0.52
7/30/2019	13:57	26.38	0.451
7/30/2019	13:58	26.41	0.363
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7/30/2019	14:02	26.44	0.497
7/30/2019	14:03	26.42	0.516
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327.5	162.2397397	26.65
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330	157.8499471	26.34
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336.8	148.379085	26.4
326.8	163.5696028	26.48
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319.7	180.0143756	26.18
323.8	169.8197457	26.31
306.6	173.9658487	26.44
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301.7	164.4719393	26.32
306.8	174.4043676	26.23
305.2	171.014516	26.29
326.4	164.3504379	26.37
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337.3	147.8077356	26.38
333.6	152.4227699	26.37
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303.8	168.2604307	26.27
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1.881	331.9
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1.673	336
1.933	337.1
1.93	328.1
2.385	329.6
1.572	324.9
1.473	316.1
1.625	323
1.729	304.2
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1.592	326.7
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1.491	308.7
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2.058	337.8
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1.78	307.7
1.909	329.6
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1.663	322
1.93	314
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1.195	315.9
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1.856	342.3
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1.873	325.2

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147.3618674	25.84
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186.7249594	25.95
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161.1359522	26.12
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190.8837175	25.91
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178.7937782	25.95
179.7400211	26.02
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186.7249594	26.12
144.9848547	26.1
147.2519401	26.09
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158.5161218	25.99
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191.5488631	26.28
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182.5632711	26.25
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139.7144254	26.18
142.9099119	26.16
171.416365	26.25
166.7876462	26.2

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1.707	305.7	172.0452245	25.83	2.189	304.1	168.8346381
1.806	317.7	185.8042924	25.94	2.214	317.5	186.4164902
1.384	315	194.6299891	25.83	1.863	315.2	193.9326112
1.592	320.3	178.3888034	25.97	2.049	318.9	182.2598979
1.085	312.2	188.0494405	26.05	1.463	309.5	180.7691609
1.935	317.3	187.035022	26.1	2.373	320.1	178.9252109
2.183	340	144.9848547	25.97	2.684	336.2	149.0856146
2.313	336.7	148.4952449	26.01	2.932	335.7	149.6921424
2.606	330.2	157.5218261	25.8	3.364	327.7	161.8681603
1.765	321.5	175.2809825	25.75	2.185	318.8	182.5470487
2.02	326.1	164.946271	25.77	2.544	322.7	172.3538995
1.974	333.5	152.5604335	25.73	2.21	332.8	153.5442409
2.073	310.4	183.0874794	25.82	2.524	306.3	173.3161361
1.87	310.9	184.4211537	25.84	2.384	309.5	180.7691609
1.565	311.7	186.6257896	25.89	1.986	309.6	181.0216499
1.909	331.3	155.7749165	26.02	2.335	331.8	155.0123664
2.214	329.6	158.5161218	26.08	2.77	329	159.540656
2.031	326	165.1468514	26	2.743	323.2	171.184873
2.331	323.2	171.184873	25.85	3.18	321.3	175.7860767
1.752	321.8	174.5327325	25.76	2.153	318	184.8977039
1.697	313.8	195.7142115	25.82	2.107	309.3	180.2679334
1.992	321.2	176.0405229	25.98	2.351	317	187.9748679
1.928	301.1	163.4605101	26.1	2.633	299.7	161.2161624
2.466	314.3	195.7142115	26.04	3.025	311.4	185.7886529
1.801	327	163.184934	26.05	2.306	322.1	173.7955882
1.894	316.6	189.2509084	26.07	2.391	314.7	195.6900033
2.206	300.2	161.9995159	26.08	2.843	298.7	159.7081601
2.322	297.9	158.5564148	25.92	2.973	297.2	157.5872152
1.707	301.2	163.6269725	25.85	2.334	301.6	164.3012465
1.533	310.1	182.3031224	25.92	1.876	311.4	185.7886529
1.857	312.7	189.5095215	26	2.385	311.7	186.6257896
2.264	311.7	186.6257896	26.03	2.793	310	182.0442679
2.071	336.5	148.729472	26.01	2.555	335.8	149.5695304
2.058	336.6	148.6120398	26	2.771	332.8	153.5442409
2.302	301.2	163.6269725	25.99	3.041	298	158.6977847
2.104	301.9	164.8158999	25.93	2.801	303.4	167.507983
2.203	320.6	177.5942369	25.91	2.648	321.7	174.7809062
2.316	317.6	186.1096044	25.87	2.711	315.2	193.9326112
1.958	314.3	195.7142115	25.96	2.378	313.8	195.7142115
2.145	309.4	180.5179243	26.14	2.836	307.7	176.4322033
1.61	306.4	173.5316387	26.08	1.837	306.8	174.4043676
1.229	311.4	185.7886529	26.22	1.717	307.6	176.202409
1.799	300.7	162.802978	26.27	2.361	302.2	165.3383346
1.98	304.2	169.0279442	26.15	2.342	302.6	166.0471971
1.941	301.2	163.6269725	26.1	2.633	298	158.6977847
2.01	344.1	141.484113	26.08	2.343	344.3	141.3360215
2.011	337.4	147.6953406	26.05	2.563	337.9	147.1426245
1.822	315.6	192.5597384	26.15	2.396	316.6	189.2509084
2.32	318.9	182.2598979	26.1	2.797	318.1	184.5985921

25.6	2.434	311.2	185.2375331	180.8487252	Yes
25.73	2.675	316.6	189.2509084	186.653449	Yes
25.7	2.609	308.5	178.312062	179.3161387	Yes
25.76	2.764	322.3	173.3102392	179.4430137	Yes
25.58	2.108	321.9	174.2857928	181.2836698	Yes
25.77	2.405	322.7	172.3538995	175.1803126	Yes
25.86	1.649	315.7	192.2210107	186.1361578	Yes
25.92	3.066	324	169.3736382	174.3934027	Yes
25.81	3.189	339.8	145.1792559	146.1899824	Yes
25.86	3.492	340.4	144.6028841	145.9383352	Yes
25.63	3.738	331.4	155.6208578	157.1797083	Yes
25.62	2.543	324.2	168.9319213	168.6481082	Yes
25.64	3.097	326.7	163.7633675	164.2771512	Yes
25.6	2.969	335.4	150.0639356	151.6462005	Yes
25.7	2.981	310.4	183.0874794	186.9580096	Yes
25.71	2.875	312.4	188.6290418	178.8230168	Yes
25.77	2.386	312.5	188.9210494	179.2618197	Yes
25.93	2.784	332.6	153.8318952	152.1231596	Yes
25.93	3.275	334.8	150.8255466	157.4151937	Yes
25.86	3.169	327.2	162.8040494	163.9122615	Yes
25.7	3.63	324.7	167.8465446	164.7936927	Yes
25.63	2.589	322.7	172.3538995	180.282665	Yes
25.72	2.682	316.5	189.5740787	186.7200595	Yes
25.88	2.817	323.7	170.0444603	176.371036	Yes
26	2.936	305.2	171.014516	166.9176163	Yes
25.89	3.645	315.4	193.2425592	187.5721485	Yes
25.91	2.942	328.9	159.7144084	165.027914	Yes
25.94	2.815	320	179.1954466	188.3253295	Yes
25.96	3.172	304.6	169.810806	168.8199505	Yes
25.79	3.411	303.5	167.6946976	163.4829263	Yes
25.73	2.778	309.9	181.7867003	170.2815912	Yes
25.8	2.25	315.3	193.5866754	179.7115781	Yes
25.88	2.877	316.2	190.5537426	181.6488384	Yes
25.89	3.242	315.4	193.2425592	186.8297891	Yes
25.88	3.137	338.8	146.1859844	147.7728982	Yes
25.87	3.226	336.6	148.6120398	150.4577477	Yes
25.85	3.534	300.8	162.9661204	167.622033	Yes
25.8	3.338	307.6	176.202409	169.2541292	Yes
25.79	3.388	324.4	168.49455	171.4180428	Yes
25.75	3.387	319.3	181.1257634	186.1458541	Yes
25.87	2.867	318.3	184.0049395	189.5029612	Yes
26.05	3.145	313.8	195.7142115	181.7122265	Yes
25.95	2.315	310.5	183.3515534	174.7593006	Yes
26.12	1.747	316.3	190.2254851	182.6670922	Yes
26.13	2.768	305.2	171.014516	166.9160535	Yes
26	3.03	307.1	175.0703199	174.4765865	Yes
25.95	2.975	302.8	166.4069628	166.5354721	Yes
25.9	2.897	347.1	139.4714437	142.2849282	Yes
25.87	3.048	341.1	143.9560723	145.8307092	Yes
26.01	2.838	321.6	175.0303206	186.6173928	Yes
25.95	3.301	319.5	180.5672593	176.6189574	Yes

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7/30/2019	15:08	26.36	0.355

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328	161.3176459	26.62
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344.6	141.1176841	26.6
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342.4	142.8262379	26.89
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355.7	136.0052434	26.79
353.2	136.6778973	26.8
342.1	143.0788632	26.68
334.1	151.7450728	26.42
328.9	159.7144084	26.23
358.2	135.5960285	26.23
337.9	147.1426245	26.44
345.6	140.4224336	26.55
345.7	140.355632	26.57
339.9	145.0817692	26.61
332.5	153.9768314	26.83
353.1	136.7103661	26.97
343.1	142.25535	27.09
333.4	152.6988115	26.96
340.9	144.1380905	26.82
339.9	145.0817692	26.81
339.6	145.3759529	26.86
332.6	153.8318952	26.68
334.4	151.3468538	26.36
337.3	147.8077356	26.21
328.7	160.0645165	26.15
350.6	137.6639493	26.05
351.2	137.4099861	26.06
346.1	140.0933217	26.2
340.9	144.1380905	26.44

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1.418	311.2
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1.775	323.5
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1.808	337.7
1.471	329.2
1.877	335.1
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1.38	334.4
1.313	335.3
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1.609	337.8
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1.676	346.3
1.826	350.2
1.637	346.7
1.627	331
1.458	339
1.09	350.2
0.91	5.062
1.633	333.2
1.749	338.6
1.707	354.4
1.594	1.324
1.632	2.142
2.126	350.5
1.585	340.2
1.359	332.6
1.144	354.4
1.799	333.9
1.577	353.2
1.581	345.8
0.998	338.6
1.164	338.9
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1.596	347.2
2.048	343.5
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1.44	341.9
1.77	347.5
2.147	345.2
1.567	347.8
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1.604	4.782
1.295	353.8
1.12	2.609

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135.4773286	26.41
137.7078372	26.27
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152.0140384	26.12
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146.0826775	26.5
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141.1899582	25.8
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136.4921301	25.92
135.5057746	26.15

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1.914	308.8	179.0364331	26.23	2.31	306	172.6759748
1.834	310.9	184.4211537	26.26	2.302	310.5	183.3515534
2.361	323.5	170.4972397	26.24	2.846	323.5	170.4972397
2.087	319	181.9742025	26.1	2.669	317.9	185.1983516
2.155	324.4	168.49455	26.06	2.662	322.5	172.8296935
1.965	332.6	153.8318952	26.06	2.39	332.9	153.4015168
1.369	327.9	161.5002424	26.15	1.993	325	167.2080708
2.08	328.7	160.0645165	26.21	2.628	329.5	158.684756
2.254	345.9	140.2234999	26.07	2.693	341.6	143.5106627
1.477	333.6	152.4227699	25.83	1.858	332.3	154.2689366
1.558	327.1	162.994021	25.8	1.771	328.1	161.1359522
1.606	345.6	140.4224336	25.9	2.092	344.5	141.1899582
1.877	338.8	146.1859844	26.13	2.426	338.9	146.0826775
2.048	337.4	147.6953406	26.17	2.537	340	144.9848547
2.089	342.4	142.8262379	26.24	2.539	345.7	140.355632
1.934	352.1	137.0589052	26.2	2.609	350.8	137.577514
1.937	344.3	141.3360215	26.16	2.377	344.4	141.262737
1.956	327.6	162.0534901	26.15	2.475	326.7	163.7633675
1.775	337.5	147.5835656	26.08	2.122	335.7	149.6921424
1.019	346.3	139.9650888	26.09	1.376	348	138.952495
0.981	0.255	135.4540829	26.23	1.192	1.876	135.4651536
1.874	332.5	153.9768314	26.39	2.525	335.9	149.4475739
2.088	339.2	145.7762909	26.36	2.594	337.6	147.4724086
2.106	351.6	137.249547	26.3	2.703	351.7	137.21054
1.812	3.893	135.6305107	26.23	2.439	1.812	135.4626603
2.195	2.796	135.5196932	26.27	2.566	1.581	135.4550677
2.322	351	137.4928614	26.14	3.161	347.5	139.23608
1.862	335.1	150.441715	25.9	2.247	337.3	147.8077356
1.527	330	157.8499471	25.75	2.058	329.1	159.3677662
1.292	353.8	136.4921301	25.79	1.486	350.3	137.796957
2.109	329.8	158.1813694	26.03	2.54	329.4	158.8542338
2.057	353.1	136.7103661	26.15	2.41	351.8	137.171973
1.869	347	139.5314724	26.15	2.292	345.5	140.4897269
1.231	337.7	147.3618674	26.18	1.494	335.1	150.441715
1.59	340.5	144.5088047	26.38	1.861	339.5	145.4751667
1.586	354.8	136.2167669	26.46	1.824	355	136.1668004
2.148	350.3	137.796957	26.56	2.603	347.7	139.1212357
2.554	340.1	144.8885107	26.37	3.216	340.3	144.6975271
1.794	350.1	137.8878733	26.25	2.482	350.2	137.8421902
1.7	342.7	142.5784051	26.26	2.233	342.1	143.0788632
1.997	345.7	140.355632	26.34	2.616	346.5	139.8387928
2.581	342.3	142.9099119	26.17	3.17	342	143.1641434
1.949	345.5	140.4897269	25.87	2.384	345.3	140.6257933
2.009	344.4	141.262737	25.76	2.746	342.2	142.9941199
2.375	341.7	143.4232201	25.73	3.079	342.2	142.9941199
2.484	356.2	135.9024875	25.66	2.795	356.1	135.9221983
2.071	3.479	135.5828279	25.7	2.48	2.887	135.5269897
1.687	351.7	137.21054	25.85	1.928	351.8	137.171973
1.376	355.1	136.1424529	26.06	1.591	354.3	136.3491176

25.92	2.529	311.4	185.7886529	187.2929148	Yes
26.07	2.83	310.5	183.3515534	173.2304463	Yes
26.09	2.836	312.1	187.7618297	182.4019735	Yes
26.1	2.813	313.4	191.6169031	180.655969	Yes
26.08	3.473	327.9	161.5002424	168.0749679	Yes
25.93	3.279	321.2	176.0405229	179.0146493	Yes
25.91	3.291	327.3	162.6150149	167.0196951	Yes
25.92	2.968	339.6	145.3759529	156.678262	Yes
26.04	2.205	330.8	156.5569873	163.3131182	Yes
26.06	3.196	333.7	152.2858181	157.6271583	Yes
25.92	3.309	343.2	142.1758963	142.9553464	Yes
25.72	2.381	337.6	147.4724086	153.1878206	Yes
25.71	2.286	331.5	155.4675767	156.2220375	Yes
25.82	2.411	350.6	137.6639493	141.58078	Yes
26.04	2.921	344.2	141.4098131	147.2725331	Yes
26.06	2.888	343.8	141.7100752	145.2545557	Yes
26.13	3	348.8	138.5230334	139.9172439	Yes
26.04	3.066	354.7	136.2423866	140.7300811	Yes
26.01	2.8	348.1	138.8971847	140.8939802	Yes
26	2.873	330.9	156.3989918	156.0192999	Yes
25.92	2.598	339.6	145.3759529	147.0843595	Yes
25.94	1.485	351.6	137.249547	139.4693645	Yes
26.11	1.421	359.8	135.4704656	136.7530487	Yes
26.27	2.899	340.9	144.1380905	153.3193754	Yes
26.18	3.118	343	142.3353263	145.6173285	Yes
26.11	3.252	355.1	136.1424529	137.1114581	Yes
26.05	2.885	6.251	136.0383438	135.6369058	Yes
26.09	3.148	2.589	135.5043716	135.7824967	Yes
25.98	3.751	350.1	137.8878733	139.3789104	Yes
25.76	2.878	340.1	144.8885107	148.6968147	Yes
25.64	2.45	332.8	153.5442409	157.6910043	Yes
25.71	1.937	356.8	135.7930238	136.551728	Yes
25.93	3	334.5	151.2154981	154.0480665	Yes
26.04	3.006	357.4	135.6986053	137.7456675	Yes
26.02	2.863	348.9	138.471433	140.1665381	Yes
26.06	1.813	340.8	144.2299319	147.3199321	Yes
26.24	2.355	345.8	140.2893212	147.5108701	Yes
26.32	2.267	358.7	135.5454083	136.1348808	Yes
26.37	3.118	351.5	137.2889944	139.6463584	Yes
26.17	3.775	344.2	141.4098131	146.0563768	Yes
26.08	2.886	353.6	136.5523328	139.4162777	Yes
26.11	2.64	347.9	139.008273	143.4972499	Yes
26.19	2.964	352.3	136.9857152	141.2016144	Yes
26.03	3.751	345.4	140.557513	145.1501298	Yes
25.79	3.116	348.3	138.7879636	142.8817234	Yes
25.7	3.186	346.8	139.6529623	143.3318323	Yes
25.66	3.583	346.5	139.8387928	146.9179537	Yes
25.6	3.613	357.9	135.6313781	136.3291181	Yes
25.65	3.042	6.193	136.0255161	136.0691962	Yes
25.78	2.565	354.2	136.3768654	137.7419912	Yes
25.98	1.824	1.611	135.4559293	138.0338589	Yes

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7/30/2019	15:11	26.56	0.539
7/30/2019	15:12	26.68	0.288
7/30/2019	15:13	26.71	0.492
7/30/2019	15:14	26.62	0.546
7/30/2019	15:15	26.38	0.413
7/30/2019	15:16	26.2	0.369
7/30/2019	15:17	26.21	0.411
7/30/2019	15:18	26.22	0.387
7/30/2019	15:19	26.3	0.507
7/30/2019	15:20	26.36	0.299
7/30/2019	15:21	26.46	0.406
7/30/2019	15:22	26.46	0.42
7/30/2019	15:23	26.47	0.403
7/30/2019	15:24	26.49	0.358
7/30/2019	15:25	26.5	0.358
7/30/2019	15:26	26.47	0.381
7/30/2019	15:27	26.34	0.232
7/30/2019	15:28	26.33	0.355
7/30/2019	15:29	26.41	0.302
7/30/2019	15:30	26.51	0.267
7/30/2019	15:31	26.5	0.341
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7/30/2019	15:33	26.49	0.302
7/30/2019	15:34	26.52	0.246
7/30/2019	15:35	26.37	0.342
7/30/2019	15:36	26.05	0.321
7/30/2019	15:37	25.85	0.32
7/30/2019	15:38	25.83	0.398
7/30/2019	15:39	26.02	0.41
7/30/2019	15:40	26.32	0.362
7/30/2019	15:41	26.54	0.378
7/30/2019	15:42	26.68	0.409
7/30/2019	15:43	26.65	0.432
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7/30/2019	15:45	26.3	0.533
7/30/2019	15:46	26.27	0.488
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7/30/2019	15:49	26.23	0.408
7/30/2019	15:50	26.15	0.507
7/30/2019	15:51	25.94	0.395
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7/30/2019	15:53	25.24	0.358
7/30/2019	15:54	25	0.312
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7/30/2019	15:56	24.64	0.311
7/30/2019	15:57	24.65	0.303
7/30/2019	15:58	24.86	0.433
7/30/2019	15:59	25.08	0.394

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347.5	139.23608	26.65
346.9	139.5919783	26.49
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336.8	148.379085	26.59
343.6	141.8632814	26.75
329.6	158.5161218	26.72
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320.7	177.3320297	26.74
311.7	186.6257896	26.57
313	190.403504	26.14
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342	143.1641434	26.59
338.4	146.6051528	26.89
353.5	136.5830783	27.05
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352.4	136.949775	26.76
341	144.0468045	26.53
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3.197	135.5544186	26.5
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4.02	135.6465645	26.45
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329.7	158.3483275	26.17
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337.8	147.2519401	25.1
332	154.712722	24.94
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351.4	137.328883	25.43

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1.565	349.7
1.314	352
1.579	1.145
1.28	348.2
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1.293	351.4
1.209	343.8
1.373	354.1
1.386	342
1.154	343.1
1.173	351.3
1.307	347.3
0.939	335.7
0.991	337.3
1.135	328.2
1.29	331.1
1.383	327.3
1.422	331.5
1.365	337.3
1.07	325.4
1.557	319.8
1.483	325.1
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1.068	352.6
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1.139	342.9
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0.997	0.058
1.42	4.929
1.533	1.655
1.472	357
1.535	350.2
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1.561	9.37
1.488	11.56
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1.749	337.7
1.676	342.6
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1.439	333.4
1.45	345
1.606	351.5
1.594	3.499

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142.25535	26.28
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147.8077356	26.11
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137.4928614	25.92
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135.4601269	26.71
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136.939078	26.2
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1.942	7.905	136.4641348	26.3	2.366	8.74	136.7234746
1.696	9.88	137.1262723	26.27	1.924	7.617	136.381625
1.279	356.1	135.9221983	26.43	1.778	354	136.4336422
1.796	353.7	136.5220169	26.46	2.132	352.5	136.9142707
2.122	344.7	141.0459134	26.21	2.655	346.6	139.7763685
2.03	350.4	137.7521729	25.87	2.493	349.6	138.1230627
1.497	352.6	136.8792016	25.66	2.007	351	137.4928614
1.805	359.4	135.4919297	25.81	2.337	358.8	135.5365272
1.546	345.8	140.2893212	25.93	1.967	347.9	139.008273
1.896	358.5	135.564413	26.07	2.261	357.3	135.7132992
1.407	344.9	140.9038772	26.15	1.84	348.6	138.6276173
1.557	343.2	142.1758963	26.28	1.907	344.1	141.484113
1.799	349.2	138.3193881	26.22	2.133	350.5	137.7078372
1.841	338.9	146.0826775	26.17	2.233	339.8	145.1792559
1.437	338.1	146.9258206	26.19	1.789	341.5	143.5986496
1.489	350.2	137.8421902	26.18	1.708	348.8	138.5230334
1.618	345.7	140.355632	26.17	1.978	344.5	141.1899582
1.245	335.4	150.0639356	26.04	1.459	333.2	152.9777221
1.489	336.7	148.4952449	26.05	1.678	337.3	147.8077356
1.345	329.1	159.3677662	26.16	1.69	327.5	162.2397397
1.322	328.6	160.24088	26.3	1.951	328.9	159.7144084
1.701	323	171.6490075	26.23	2.18	326.6	163.9580918
1.696	329.8	158.1813694	26.18	2.233	330	157.8499471
1.532	328.8	159.8890273	26.16	1.92	332.4	154.1225109
1.307	317.8	185.5005447	26.23	1.531	321.2	176.0405229
1.66	315.3	193.5866754	26.07	2.44	315	194.6299891
1.647	318.8	182.5470487	25.69	2.321	320.6	177.5942369
1.55	329.6	158.5161218	25.51	1.744	330.6	156.8753741
1.44	352.2	137.0220917	25.56	1.644	353.6	136.5523328
1.322	349.8	138.0276292	25.85	1.634	349.1	138.3696112
1.386	346.2	140.0289626	26.25	1.819	344.3	141.3360215
1.388	346.8	139.6529623	26.43	1.865	348.5	138.6806025
1.348	357.7	135.6570213	26.54	1.63	354.1	136.4050401
1.554	3.172	135.5520591	26.48	2.154	2.863	135.5250321
1.558	357.5	135.6843278	26.23	2.218	358.8	135.5365272
1.931	352.9	136.7766005	26.06	2.258	355.7	136.0052434
1.827	348	138.952495	26.06	2.302	349.9	137.9805921
1.267	14.8	139.5314724	26.1	1.563	8.88	136.7698991
2.018	10.09	137.2066635	26.1	2.262	8.47	136.636333
2.026	11.71	137.8924664	26.1	2.361	8.64	136.690833
1.918	1.554	135.4543241	26.05	2.294	1.655	135.4572602
1.976	341.3	143.7762629	25.86	2.695	339.6	145.3759529
2.061	334.2	151.6116385	25.47	2.698	334	151.8792052
1.844	340.8	144.2299319	25.1	2.432	341.6	143.5106627
1.404	338.9	146.0826775	24.88	1.729	340.8	144.2299319
1.636	339	145.9799608	24.78	2.117	340	144.9848547
1.662	332.5	153.9768314	24.71	2.094	330.2	157.5218261
1.619	339.5	145.4751667	24.8	2.042	340.7	144.3223303
1.877	350.9	137.5349652	25.06	2.204	351.8	137.171973
1.654	2.308	135.4864076	25.35	2.189	0.786	135.4457681

26.25	2.456	13.59	138.8368825	138.4571352	Yes
26.18	2.907	11.12	137.6291609	136.3479056	Yes
26.18	2.56	11.66	137.869546	136.6534821	Yes
26.36	2.266	357.7	135.6570213	137.1151044	Yes
26.36	2.789	355.8	135.9838512	137.3804963	Yes
26.1	3.169	348.9	138.471433	141.3975516	Yes
25.81	3.078	353.9	136.4626721	137.8503892	Yes
25.65	2.444	356.4	135.8643244	138.7228598	Yes
25.8	2.759	359.3	135.4983288	135.4813082	Yes
25.91	2.458	350	137.9340071	139.140057	Yes
26.04	2.708	359.4	135.4919297	135.8839131	Yes
26.12	2.171	353.7	136.5220169	140.2267955	Yes
26.24	2.478	348.9	138.471433	142.5646488	Yes
26.16	2.572	353	136.743267	138.1639413	Yes
26.13	2.565	344.8	140.9746448	148.1518616	Yes
26.15	2.185	345	140.8336095	145.347965	Yes
26.14	2.257	353.4	136.6142539	138.3468498	Yes
26.13	2.581	348.3	138.7879636	140.0336209	Yes
26.04	1.849	339.4	145.5749597	148.0814446	Yes
26.03	2.215	342.1	143.0788632	146.2186391	Yes
26.12	1.909	334	151.8792052	157.735437	Yes
26.26	2.037	335.7	149.6921424	154.4759873	Yes
26.18	2.544	330.5	157.0357721	164.184559	Yes
26.1	2.667	332.1	154.5640391	155.2366168	Yes
26.08	2.234	336.1	149.2056183	155.7388065	Yes
26.18	1.815	326.5	164.1537804	176.3111125	Yes
26.01	2.597	320	179.1954466	188.6456188	Yes
25.66	2.647	326.1	164.946271	179.3855323	Yes
25.51	2.27	334.5	151.2154981	155.0573539	Yes
25.56	2.046	357.4	135.6986053	137.6046787	Yes
25.85	1.865	353.3	136.6458601	137.7099692	Yes
26.22	1.967	347.9	139.008273	141.7362386	Yes
26.35	2.285	354.2	136.3768654	141.0008093	Yes
26.45	2.034	358.7	135.5454083	136.0263167	Yes
26.39	2.474	3.982	135.6416907	136.2819452	Yes
26.17	2.623	2.424	135.4934278	135.9069725	Yes
26.04	2.829	358.3	135.5850754	138.1471326	Yes
26.04	2.725	355.6	136.0270567	138.8847794	Yes
26.1	2.068	13.93	139.0250978	137.2665826	Yes
26.09	2.766	10.78	137.4844939	137.352423	Yes
26.09	2.926	9.4	136.949775	137.0134767	Yes
26.07	2.814	1.484	135.4525361	135.5480015	Yes
25.89	3.101	343.2	142.1758963	147.8192015	Yes
25.54	3.108	337	148.1486618	161.6417307	Yes
25.19	2.919	346.3	139.9650888	145.0851058	Yes
25	2.133	345.8	140.2893212	145.0769115	Yes
24.89	2.391	344.6	141.1176841	146.9045489	Yes
24.85	2.604	336.3	148.9662571	153.8205748	Yes
24.94	2.391	343.5	141.9406579	148.2645049	Yes
25.16	2.858	353.7	136.5220169	137.2364269	Yes
25.43	2.514	2.702	135.5125159	135.9615067	Yes

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7/30/2019	16:17	26.03	0.23
7/30/2019	16:18	25.87	0.183
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7/30/2019	16:22	25.85	0.205
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7/30/2019	16:26	25.86	0.221
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7/30/2019	16:29	26.16	0.189
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7/30/2019	16:33	26.33	0.207
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7/30/2019	16:35	26.3	0.413
7/30/2019	16:36	26.18	0.372
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7/30/2019	16:41	25.82	0.299
7/30/2019	16:42	25.65	0.285
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7/30/2019	16:50	25.54	0.273

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330.9	156.3989918	27.15
323.4	170.7253164	27.14
328.8	159.8890273	27.15
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314.4	195.7142115	26.2
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318.3	184.0049395	25.93
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329.5	158.684756	26.16
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331.7	155.1633342	26.23
329.2	159.1957351	26.22
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344.2	141.4098131	26.98
334.4	151.3468538	27.03
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17.76	141.5289375	27.05
7.294	136.2933007	27.05
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354.4	136.3217962	25.81
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1.234	327.2
1.068	329.1
1.144	323.8
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1.244	322.6
1.171	315.1
1.345	309.5
1.21	328.6
1.137	325
1.089	307.2
1.305	311.3
1.192	310.5
1.21	316.5
1.061	320.5
0.972	328.6
1.121	315.4
1.162	320.2
1.537	321.4
1.203	319.6
1.333	327.5
1.267	331.1
0.959	331.4
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0.544	356.6
1.143	352.7
1.003	6.248
1.174	352.7
1.059	16.17
0.858	14.12
1.029	351.1
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1.233	340.6
1.062	344.3
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1.055	354.3
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135.4498464	26.73
172.5912057	26.74
194.2803784	26.74
180.7691609	26.62
160.24088	26.51
167.2080708	26.29
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177.8577632	25.64
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180.290119	25.92
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136.0376768	26.34
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141.3360215	25.62
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136.3491176	25.62
154.5640391	25.68
143.5106627	25.71
152.4227699	25.7
146.1859844	25.72

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1.508	356.7	135.8102214	25.69	2.12	356.1	135.9221983
1.047	0.205	135.4554652	25.9	1.423	353.6	136.5523328
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1.617	321.5	175.2809825	26.34	2.251	324.2	168.9319213
1.584	322.3	173.3102392	26.44	2.224	323.4	170.7253164
1.576	327.5	162.2397397	26.48	1.872	325.5	166.1647422
1.724	326.9	163.3767931	26.52	2.09	326.7	163.7633675
1.451	325.4	166.3713526	26.44	1.794	327.4	162.4269132
1.285	323.8	169.8197457	26.43	1.665	329.7	158.3483275
1.376	359.1	135.5123672	26.44	1.864	358.8	135.5365272
1.594	328.7	160.0645165	26.45	2.069	326.2	164.7466785
1.74	315.7	192.2210107	26.46	2.054	315.8	191.884056
1.747	307.3	175.5198021	26.34	2.276	309.2	180.0191816
1.688	331.3	155.7749165	26.26	2.121	327.7	161.8681603
1.599	323.7	170.0444603	26.06	1.937	323.2	171.184873
1.491	310	182.0442679	25.87	1.869	309.3	180.2679334
1.541	311.4	185.7886529	25.65	2.194	311.8	186.9076557
1.496	310.3	182.824721	25.51	1.882	312.2	188.0494405
1.573	314.4	195.7142115	25.49	2.006	315.2	193.9326112
1.466	317.3	187.035022	25.51	1.755	318.6	183.1257514
1.069	329.4	158.8542338	25.61	1.475	329.3	159.0245589
1.51	317.8	185.5005447	25.77	1.786	318.4	183.7103804
1.601	321.9	174.2857928	25.88	1.944	322.1	173.7955882
1.608	317.8	185.5005447	25.84	2.33	317.6	186.1096044
1.606	319.4	180.8458047	25.79	2.089	319.1	181.6899539
1.873	325.1	166.9973396	25.79	2.185	326	165.1468514
1.672	332.2	154.4161117	25.79	1.943	331.2	155.9297559
1.138	334.1	151.7450728	25.95	1.501	330.8	156.5569873
1.324	333.7	152.2858181	26.22	1.568	335.3	150.1891937
1.442	335.1	150.441715	26.35	1.995	340	144.9848547
1.062	329.6	158.5161218	26.35	1.373	335	150.5689831
0.869	10.63	137.4223043	26.36	1.019	7.771	136.4253036
0.652	10.08	137.2027914	26.36	0.754	4.951	135.7847496
0.759	353.8	136.4921301	26.36	0.973	354.3	136.3491176
1.352	351.7	137.21054	26.33	1.793	355.1	136.1424529
1.401	7.635	136.386678	26.17	1.607	3.999	135.6438637
1.502	351	137.4928614	25.98	1.838	351.9	137.1338452
1.389	14.78	139.5194285	25.93	1.604	12.02	138.037091
1.225	17.49	141.3286703	26	1.402	12.01	138.0323578
1.409	352.9	136.7766005	26.04	1.641	350	137.9340071
1.511	340.4	144.6028841	25.89	1.964	341.9	143.249962
1.524	343	142.3353263	25.68	1.86	340	144.9848547
1.72	339.7	145.2773166	25.59	1.97	340.4	144.6028841
1.381	343.1	142.25535	25.56	1.61	342.4	142.8262379
1.161	354.9	136.1915717	25.53	1.488	355.4	136.0719483
1.354	355.5	136.0492916	25.57	1.599	355	136.1668004
1.135	335	150.5689831	25.62	1.444	336	149.3262707
1.265	339.4	145.5749597	25.64	1.462	339.1	145.8778326
1.3	337.1	148.034394	25.63	1.383	336.7	148.4952449
1.333	338.9	146.0826775	25.65	1.602	340.9	144.1380905

25.61	2.401	17.39	141.2554363	139.3736082	Yes
25.75	2.352	358.5	135.564413	136.0885567	Yes
25.94	1.604	356.5	135.8458714	135.7897099	Yes
26.19	2.058	344.9	140.9038772	144.2075071	Yes
26.33	2.442	328.8	159.8890273	172.0298186	Yes
26.39	2.322	327.6	162.0534901	174.8802744	Yes
26.4	2.415	330.5	157.0357721	164.2954234	Yes
26.43	2.505	330.6	156.8753741	161.5858004	Yes
26.35	2.224	332.1	154.5640391	164.7228371	Yes
26.36	1.893	334.9	150.6969261	164.4692116	Yes
26.36	2.253	359.9	135.4661321	135.648442	Yes
26.39	2.404	330.4	157.1969778	163.6903488	Yes
26.41	2.497	318	184.8977039	188.7346735	Yes
26.28	2.678	310.6	183.6169505	179.7859521	Yes
26.2	2.635	333.6	152.4227699	155.6931169	Yes
26.03	2.392	327	163.184934	168.5479931	Yes
25.86	2.225	312	187.4756675	172.5417852	Yes
25.63	2.389	316.9	188.2914027	188.4807303	Yes
25.51	2.328	314	195.7142115	183.5600226	Yes
25.49	2.358	318.5	183.4173207	190.8064602	Yes
25.51	2.064	322.4	173.0693692	181.8034958	Yes
25.62	1.565	334.5	151.2154981	154.9957385	Yes
25.76	2.12	322.9	171.8828066	180.2845601	Yes
25.85	2.259	325.6	165.9591491	168.6363622	Yes
25.81	2.414	324.1	169.1522337	184.2604955	Yes
25.76	2.415	324	169.3736382	174.4973029	Yes
25.77	2.574	329.9	158.0152438	163.3949164	Yes
25.78	2.367	334.2	151.6116385	151.97884	Yes
25.93	1.64	336.8	148.379085	154.4749373	Yes
26.18	1.965	338.1	146.9258206	151.2614078	Yes
26.27	2.196	342.6	142.6604859	145.5778874	Yes
26.29	1.461	340.8	144.2299319	153.6021975	Yes
26.34	1.289	9.27	136.9037043	138.5864976	Yes
26.35	0.876	9.12	136.8514594	138.631557	Yes
26.35	1.147	357.4	135.6986053	136.2405964	Yes
26.33	1.975	358.8	135.5365272	136.4113199	Yes
26.16	2.173	6.362	136.063289	136.8016402	Yes
25.99	2.248	356.9	135.7762441	136.8974506	Yes
25.93	2.162	14.1	139.1212357	140.1281862	Yes
26	1.811	16.49	140.618943	139.8213379	Yes
26.03	2.033	353.8	136.4921301	137.1022132	Yes
25.9	2.343	345.2	140.6945686	141.2071679	Yes
25.7	2.259	345.5	140.4897269	141.7533245	Yes
25.62	2.332	342.2	142.9941199	142.5751828	Yes
25.59	2.132	346.3	139.9650888	140.664999	Yes
25.58	1.741	359	135.5200067	136.3239206	Yes
25.62	1.931	358	135.6191797	136.0068553	Yes
25.67	1.733	340.2	144.7927354	149.2187799	Yes
25.68	1.778	342.9	142.4158267	142.7368265	Yes
25.66	1.934	339.9	145.0817692	146.1019685	Yes
25.68	1.796	346.7	139.7144254	143.2173561	Yes

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7/30/2019	17:03	25.56	0.378
7/30/2019	17:04	25.47	0.401
7/30/2019	17:05	25.45	0.363
7/30/2019	17:06	25.55	0.277
7/30/2019	17:07	25.7	0.339
7/30/2019	17:08	25.83	0.469
7/30/2019	17:09	25.92	0.427
7/30/2019	17:10	26.02	0.33
7/30/2019	17:11	26.12	0.334
7/30/2019	17:12	26.28	0.196
7/30/2019	17:13	26.44	0.359
7/30/2019	17:14	26.53	0.341
7/30/2019	17:15	26.57	0.326
7/30/2019	17:16	26.67	0.301
7/30/2019	17:17	26.79	0.247
7/30/2019	17:18	26.86	0.238
7/30/2019	17:19	26.9	0.332
7/30/2019	17:20	26.95	0.253
7/30/2019	17:21	26.99	0.259
7/30/2019	17:22	27.09	0.271
7/30/2019	17:23	27.1	0.298
7/30/2019	17:24	27.05	0.221
7/30/2019	17:25	27.17	0.176
7/30/2019	17:26	27.23	0.308
7/30/2019	17:27	27.28	0.221
7/30/2019	17:28	27.26	0.367
7/30/2019	17:29	27.23	0.448
7/30/2019	17:30	27.22	0.222
7/30/2019	17:31	27.24	0.389
7/30/2019	17:32	27.18	0.408
7/30/2019	17:33	27.15	0.509
7/30/2019	17:34	26.98	0.372
7/30/2019	17:35	26.87	0.418
7/30/2019	17:36	26.86	0.296
7/30/2019	17:37	26.9	0.374
7/30/2019	17:38	26.88	0.337
7/30/2019	17:39	26.76	0.353
7/30/2019	17:40	26.49	0.39
7/30/2019	17:41	26.24	0.2

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330.6	156.8753741	26.1
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343.3	142.096964	26.02
8.48	136.6395044	26.12
5.663	135.9148564	26.17
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1.676	135.4579236	25.88
354.9	136.1915717	25.76
1.549	135.4541896	25.74
8.92	136.7833191	25.88
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15.75	140.1256835	26.31
8.07	136.5130058	26.4
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1.907	135.466422	26.61
345.7	140.355632	26.84
352.8	136.810367	27.05
350.6	137.6639493	27.18
349.1	138.3696112	27.2
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8.23	136.5615113	27.98
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6.402	136.0724057	28.06
3.986	135.6422009	28.01
7.995	136.4906471	28
9.35	136.9319684	28.05
7.041	136.2272197	27.95
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9.24	136.8931771	27.58
9.95	137.1528542	27.47
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1.237	135.4478429	27.72
11.56	137.824043	27.76
27.84	151.9330542	27.64
28.41	152.7126887	27.16
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0.932	321
0.924	330.3
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1.252	6.987
1.259	11.91
1.188	5.349
1.09	3.583
1.057	13.62
0.956	18.12
1.186	23.59
1.232	9.54
1.275	349.4
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0.728	339
1.059	349.8
1.096	350.5
1.071	342.5
0.705	340.1
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0.796	351.9
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0.755	7.254
0.659	353.5
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0.622	356
0.825	13.62
0.957	13.69
0.935	23.54
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1.017	17.11
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0.655	11.22
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0.62	35.41

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137.7078372	26.68
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154.8621634	26.77
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165.1468514	26.89
137.1338452	26.97
142.4158267	26.99
190.8837175	26.89
184.8977039	27.01
136.2826719	27.08
136.5830783	27.14
135.5454083	27.13
135.8506289	27.08
135.9423289	27.07
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138.8916794	27.02
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147.8415753	26.72
141.0530678	26.64
137.2221959	26.71
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168.9319213	26.76
180.428514	26.39
164.3701571	26.07

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1.395	325.3	166.5789856	25.81	1.656	323.9	169.5961403
1.586	322.7	172.3538995	25.87	1.952	322.6	172.5912057
1.392	316.9	188.2914027	25.88	1.868	317	187.9748679
1.19	318.1	184.5985921	25.85	1.598	317.1	187.6599662
1.351	319.8	179.7400211	25.81	1.454	319.6	180.290119
1.195	330	157.8499471	25.72	1.465	332	154.712722
1.126	336.4	148.8475437	25.73	1.441	339.8	145.1792559
1.088	11.13	137.6334938	25.84	1.445	7.027	136.2236424
1.18	10.03	137.1834969	25.91	1.527	3.631	135.5995083
1.197	5.072	135.805364	25.91	1.435	4.285	135.682222
1.365	4.876	135.7722791	25.84	1.926	5.222	135.8317688
1.375	11.93	137.9946557	25.71	1.924	9.59	137.0184344
1.327	5.798	135.9419222	25.6	1.662	5.126	135.8147613
1.36	2.553	135.5018879	25.59	1.584	2.527	135.5001274
1.285	10.55	137.3895444	25.74	1.613	12.69	138.3645683
1.389	18.19	141.8555722	25.96	1.585	15.98	140.2761178
1.457	21.74	144.92698	26.09	1.891	18.52	142.1127088
1.507	6.599	136.1182914	26.14	1.954	7.131	136.250415
1.6	346.7	139.7144254	26.17	2.072	351.3	137.3692134
1.065	6.342	136.058756	26.22	1.305	4.101	135.6571537
1.056	342.5	142.7430964	26.36	1.267	343.9	141.6342428
1.399	350	137.9340071	26.46	1.699	347	139.5314724
1.417	347.7	139.1212357	26.5	1.73	347.1	139.4714437
1.438	342.8	142.4968525	26.47	1.668	341.4	143.6871825
1.073	343.8	141.7100752	26.5	1.315	341.2	143.8658923
1.43	328	161.3176459	26.55	1.755	325.9	165.3484246
1.196	333.5	152.5604335	26.54	1.392	330.9	156.3989918
1.167	345	140.8336095	26.59	1.512	345.2	140.6945686
1.277	331.9	154.8621634	26.63	1.491	331.2	155.9297559
0.991	331.4	155.6208578	26.65	1.213	325.6	165.9591491
1.023	346	140.1581671	26.72	1.286	353.1	136.7103661
1.224	338.4	146.6051528	26.74	1.424	337.2	147.9207527
1.262	316.1	190.8837175	26.63	1.543	316.3	190.2254851
0.774	325.8	165.5509953	26.74	0.963	320.7	177.3320297
0.898	4.613	135.7304048	26.79	1.164	3.443	135.5790176
0.855	351.5	137.2889944	26.86	1.093	347.3	139.3528135
1.155	354.8	136.2167669	26.87	1.377	355	136.1668004
1.058	3.834	135.6232806	26.81	1.282	2.047	135.4726449
0.799	2.166	135.4785708	26.78	1.067	357.2	135.7284098
1.112	5.941	135.9714272	26.82	1.295	7.671	136.3968255
1.254	8.89	136.7732476	26.74	1.577	14.82	139.5435354
1.451	19.09	142.5702261	26.66	1.677	19.26	142.7099886
1.252	19.99	143.3276602	26.49	1.685	20	143.3363204
1.254	14.31	139.2418717	26.42	1.549	12.39	138.2154078
0.966	9.68	137.0515075	26.48	1.081	11.66	137.869546
0.813	16.35	140.5235583	26.63	0.961	8.87	136.766555
0.965	25.15	148.5535628	26.67	1.236	24.33	147.6170331
1.075	31.69	157.6690739	26.54	1.287	32.34	158.7524457
1.136	37.8	169.3736382	26.24	1.461	33.61	160.9731962
0.62	28.24	152.4777498	25.97	0.953	22.7	145.8778326

25.75	1.619	343.2	142.1758963	142.7785366	Yes
25.83	1.825	327.5	162.2397397	159.2874677	Yes
25.87	2.207	324.3	168.7126952	162.6820677	Yes
25.87	2.056	323	171.6490075	178.4663948	Yes
25.84	1.74	324	169.3736382	177.4938527	Yes
25.8	1.914	323	171.6490075	173.3646908	Yes
25.73	1.789	336	149.3262707	152.9079347	Yes
25.74	1.553	343.9	141.6342428	145.9828748	Yes
25.85	1.634	10.81	137.4970517	137.0555396	Yes
25.92	1.643	7.347	136.3074886	136.4012709	Yes
25.93	1.673	11.54	137.8149963	136.0138305	Yes
25.87	2.19	10.22	137.2574012	135.8199318	Yes
25.76	2.14	14.05	139.0928189	137.1140723	Yes
25.66	2.142	8.67	136.7005801	135.9507791	Yes
25.66	1.996	6.246	136.0372324	135.5125855	Yes
25.8	1.766	14.98	139.6407272	137.8476761	Yes
26	1.966	22.58	145.7560527	140.9857979	Yes
26.11	2.304	21.34	144.5463689	143.4932461	Yes
26.15	2.433	7.235	136.2776471	136.4704814	Yes
26.18	2.381	358.1	135.6073966	138.6205936	Yes
26.23	1.577	9.28	136.9072221	135.7300409	Yes
26.35	1.506	348.8	138.5230334	142.678233	Yes
26.41	2.078	350.2	137.8421902	138.0758689	Yes
26.45	2.089	352.7	136.8445673	138.4911165	Yes
26.43	2.011	345.8	140.2893212	141.8241857	Yes
26.45	1.759	345	140.8336095	142.3681878	Yes
26.47	2.133	330.7	156.7157803	161.1991706	Yes
26.46	1.78	335.3	150.1891937	152.059219	Yes
26.52	1.616	347.4	139.2942101	139.0741906	Yes
26.55	1.903	335.5	149.9393426	152.9879477	Yes
26.55	1.375	330.8	156.5569873	162.9684274	Yes
26.63	1.514	358.1	135.6073966	137.9275539	Yes
26.65	1.743	341.4	143.6871825	143.4130246	Yes
26.54	1.711	319.2	181.4071437	181.7513216	Yes
26.67	1.029	325.4	166.3713526	174.3442173	Yes
26.71	1.367	5.878	135.9583225	136.0384014	Yes
26.78	1.289	348.8	138.5230334	138.9101782	Yes
26.78	1.647	0.094	135.4589028	136.0003453	Yes
26.69	1.729	3.787	135.6176244	135.6471888	Yes
26.67	1.177	3.359	135.570336	135.9099892	Yes
26.72	1.64	13.04	138.5438026	137.0383734	Yes
26.66	1.884	13.08	138.5646455	137.8589205	Yes
26.59	2.243	19.72	143.0958763	143.6552317	Yes
26.42	2.024	20.7	143.9560723	142.8496832	Yes
26.35	1.879	13.16	138.6065528	138.9158004	Yes
26.44	1.257	16.77	140.8126264	137.5774624	Yes
26.59	1.227	15.69	140.0868639	137.6026618	Yes
26.61	1.404	27.08	150.9289325	145.2355076	Yes
26.51	1.603	31.61	157.5381542	159.3216238	Yes
26.23	1.657	33.35	160.5070733	165.8720093	Yes
25.99	1.086	25.65	149.1455355	151.9591736	Yes

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7/30/2019	17:43	25.92	0.259
7/30/2019	17:44	25.71	0.371
7/30/2019	17:45	25.51	0.234
7/30/2019	17:46	25.36	0.193
7/30/2019	17:47	25.26	0.095
7/30/2019	17:48	25.19	0.135
7/30/2019	17:49	25.09	0.212
7/30/2019	17:50	25.04	0.218
7/30/2019	17:51	24.98	0.178
7/30/2019	17:52	24.97	0.29
7/30/2019	17:53	25.1	0.288
7/30/2019	17:54	25.33	0.305
7/30/2019	17:55	25.59	0.278
7/30/2019	17:56	25.78	0.342
7/30/2019	17:57	25.87	0.312
7/30/2019	17:58	25.88	0.202
7/30/2019	17:59	25.93	0.124
7/30/2019	18:00	25.99	0.211
7/30/2019	18:01	26.06	0.236
7/30/2019	18:02	26.02	0.356
7/30/2019	18:03	25.8	0.328
7/30/2019	18:04	25.5	0.318
7/30/2019	18:05	25.23	0.244
7/30/2019	18:06	25.08	0.18
7/30/2019	18:07	25.11	0.351
7/30/2019	18:08	25.17	0.183
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7/30/2019	18:10	25.49	0.278
7/30/2019	18:11	25.71	0.178
7/30/2019	18:12	25.94	0.263
7/30/2019	18:13	26.09	0.207
7/30/2019	18:14	26.17	0.219
7/30/2019	18:15	26.13	0.173
7/30/2019	18:16	26.05	0.183
7/30/2019	18:17	25.9	0.229
7/30/2019	18:18	25.71	0.247
7/30/2019	18:19	25.5	0.163
7/30/2019	18:20	25.35	0.171
7/30/2019	18:21	25.25	0.178
7/30/2019	18:22	25.15	0.172
7/30/2019	18:23	25.09	0.211
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7/30/2019	18:30	24.72	0.188
7/30/2019	18:31	24.78	0.207
7/30/2019	18:32	24.92	0.157

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338.4	146.6051528	25.66
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359.4	135.4919297	26.18
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350.6	137.6639493	26.12
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340.8	144.2299319	25.94
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350.3	137.796957	25.56
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344.1	141.484113	25.35
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321.7	174.7809062	25.55

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0.608	2.211
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0.487	315.1
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0.818	323.6
0.756	323.9
0.785	334.6
0.832	322.6
1.099	320.7
0.82	315.2
0.929	326.7
0.892	334.3
0.659	327.4
0.601	322.4
0.603	331
0.674	329.6
0.974	331.7
1.109	341.8
0.879	350.4
0.721	336.1
0.692	336.7
0.968	349
0.599	341
0.767	348
0.732	327.6
0.639	325
0.735	328.9
0.385	335.3
0.458	343
0.386	352.5
0.509	341.6
0.764	340.6
0.579	335.9
0.6	327.7
0.399	333.2
0.42	333.1
0.49	331.1
0.656	327.7
0.69	335.8
0.821	335
0.507	329.1
0.616	330.6
0.759	322.1
0.821	325.2
0.666	323.7
0.901	320.3
0.861	314.5

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194.2803784	25.33
166.7876462	25.23
170.2702897	25.19
169.5961403	25.13
151.0848301	25.13
172.5912057	25.3
177.3320297	25.59
193.9326112	25.91
163.7633675	26.14
151.4788997	26.21
162.4269132	26.21
173.0693692	26.24
156.2417902	26.29
158.5161218	26.36
155.1633342	26.27
143.3363204	25.96
137.7521729	25.59
149.2056183	25.27
148.4952449	25.08
138.4202926	25.2
144.0468045	25.4
138.952495	25.63
162.0534901	25.89
167.2080708	26.19
159.7144084	26.41
150.1891937	26.58
142.3353263	26.69
136.9142707	26.67
143.5106627	26.5
144.4152874	26.23
149.4475739	25.96
161.8681603	25.69
152.9777221	25.46
153.1182603	25.34
156.0853794	25.25
161.8681603	25.21
149.5695304	25.21
150.5689831	25.19
159.3677662	25.1
156.8753741	25.03
173.7955882	24.94
166.7876462	24.86
170.0444603	24.87
178.3888034	24.97
195.7142115	25.17

0.847	17.82	141.5739457	25.84	1.049	16.74	140.7916882
0.985	11.23	137.6770687	25.82	1.193	9.24	136.8931771
1.093	360	135.4622116	25.7	1.338	3.174	135.5522469
0.819	5.123	135.814236	25.57	1.051	2.205	135.4806402
0.626	0.058	135.4601269	25.42	0.795	0.895	135.4455005
0.613	323.2	171.184873	25.38	0.745	323.2	171.184873
0.67	324.6	168.0614801	25.37	0.804	322.1	173.7955882
0.979	328.7	160.0645165	25.27	1.251	327.3	162.6150149
1.075	328.6	160.24088	25.2	1.271	324.8	167.6326681
0.969	325.9	165.3484246	25.13	1.053	325.3	166.5789856
1.161	331.6	155.3150699	25.11	1.213	331.1	156.0853794
1.187	322.5	172.8296935	25.23	1.395	322.6	172.5912057
1.417	320.9	176.811543	25.48	1.749	322.8	172.1177686
1.216	321.6	175.0303206	25.77	1.418	319.9	179.4670474
1.388	328.7	160.0645165	25.96	1.543	326.7	163.7633675
1.213	338.5	146.4994658	26.02	1.429	338.7	146.2898835
0.855	326.7	163.7633675	26.03	1.086	327.4	162.4269132
0.793	325.8	165.5509953	26.05	1.065	325.5	166.1647422
0.891	336.1	149.2056183	26.08	1.053	336.1	149.2056183
1.005	327.5	162.2397397	26.14	1.263	326.7	163.7633675
1.344	333.7	152.2858181	26.05	1.666	332.7	153.6876994
1.246	340.9	144.1380905	25.79	1.618	340.4	144.6028841
1.068	350.9	137.5349652	25.48	1.306	348.9	138.471433
0.882	334	151.8792052	25.2	1.049	334.5	151.2154981
0.938	336.7	148.4952449	25.04	1.12	339.5	145.4751667
1.081	348	138.952495	25.16	1.451	348.6	138.6276173
0.704	344.5	141.1899582	25.32	0.963	345.6	140.4224336
1.075	339	145.9799608	25.53	1.218	342.8	142.4968525
0.953	332.5	153.9768314	25.74	1.166	330.9	156.3989918
0.831	325.6	165.9591491	25.98	1.099	323.2	171.184873
1.058	326.8	163.5696028	26.16	1.205	326.2	164.7466785
0.693	336.1	149.2056183	26.28	0.743	333.2	152.9777221
0.668	342.2	142.9941199	26.37	0.833	337.2	147.9207527
0.545	356.7	135.8102214	26.37	0.689	353.6	136.5523328
0.757	344.2	141.4098131	26.22	0.888	341	144.0468045
0.863	337.9	147.1426245	25.99	1.173	338	147.0339187
0.925	339.4	145.5749597	25.77	0.973	332.7	153.6876994
0.798	330.8	156.5569873	25.53	1.034	333.5	152.5604335
0.588	333.4	152.6988115	25.33	0.752	335.5	149.9393426
0.597	334.8	150.8255466	25.22	0.742	330.1	157.6854758
0.557	337	148.1486618	25.12	0.861	332.8	153.5442409
0.904	331.9	154.8621634	25.07	1.062	331.7	155.1633342
0.956	335.7	149.6921424	25.09	1.168	336.3	148.9662571
0.884	333.8	152.1495751	25.08	1.237	335	150.5689831
0.596	332.5	153.9768314	25	0.742	329.8	158.1813694
0.676	328.3	160.7752562	24.92	0.982	329.3	159.0245589
0.92	325.8	165.5509953	24.85	1.132	323.9	169.5961403
1.014	325.4	166.3713526	24.8	1.152	325.5	166.1647422
0.866	330.6	156.8753741	24.81	0.915	325.3	166.5789856
1.139	318.7	182.8356637	24.88	1.399	318.1	184.5985921
1.138	316.1	190.8837175	25.06	1.332	312.9	190.1039947

25.89	1.253	15.84	140.1842417	140.839172	Yes
25.87	1.484	15.57	140.0097496	136.883452	Yes
25.78	1.689	3.841	135.6241308	135.9396874	Yes
25.69	1.219	7.3	136.2949008	136.0661289	Yes
25.54	1.01	3.927	135.6347429	135.4814171	Yes
25.53	0.921	330.1	157.6854758	178.8031003	Yes
25.49	0.997	330.3	157.3589946	170.5550311	Yes
25.39	1.48	331.6	155.3150699	163.2109927	Yes
25.29	1.482	331.6	155.3150699	161.0054176	Yes
25.19	1.355	328.9	159.7144084	161.8503458	Yes
25.16	1.623	333.9	152.0140384	149.8587636	Yes
25.25	1.644	325.5	166.1647422	166.1543144	Yes
25.51	1.923	327.7	161.8681603	169.7400382	Yes
25.76	1.641	326	165.1468514	174.7817263	Yes
25.94	1.967	329.2	159.1957351	157.8196085	Yes
26.02	1.69	343	142.3353263	145.8616678	Yes
26.04	1.237	332	154.712722	157.451788	Yes
26.05	1.168	331.6	155.3150699	161.8820507	Yes
26.09	1.249	338.5	146.4994658	148.5014601	Yes
26.15	1.401	333.4	152.6988115	156.6344451	Yes
26.05	1.98	336.7	148.4952449	151.1618786	Yes
25.81	1.866	343.2	142.1758963	142.1135401	Yes
25.55	1.57	352.7	136.8445673	137.3126252	Yes
25.3	1.417	336.7	148.4952449	147.5585822	Yes
25.15	1.403	342.3	142.9099119	149.4451816	Yes
25.28	1.631	353.2	136.6778973	138.4381444	Yes
25.43	1.076	350	137.9340071	141.0072019	Yes
25.64	1.344	344.8	140.9746448	141.2733144	Yes
25.83	1.207	339.4	145.5749597	153.1962363	Yes
26.06	1.208	324.4	168.49455	160.334452	Yes
26.2	1.445	330.3	157.3589946	160.9128869	Yes
26.33	0.92	335.2	150.3151193	150.0450674	Yes
26.42	0.899	343.6	141.8632814	143.6100393	Yes
26.42	0.844	359.8	135.4704656	136.4649758	Yes
26.27	1.124	346.9	139.5919783	141.6798633	Yes
26.04	1.398	342.7	142.5784051	145.0754764	Yes
25.83	1.19	341.7	143.4232201	146.4801933	Yes
25.59	1.216	339.5	145.4751667	152.9900565	Yes
25.4	1	340.6	144.4152874	148.2262177	Yes
25.31	0.868	336.5	148.729472	151.4648036	Yes
25.21	0.899	341.2	143.8658923	148.8715298	Yes
25.14	1.302	337.4	147.6953406	153.6180157	Yes
25.17	1.407	338.6	146.3943767	146.7951062	Yes
25.18	1.425	338.1	146.9258206	147.7270124	Yes
25.07	0.956	332.5	153.9768314	152.330731	Yes
24.98	1.106	333.2	152.9777221	154.9385131	Yes
24.94	1.306	327	163.184934	162.6067092	Yes
24.9	1.447	327.9	161.5002424	160.9347571	Yes
24.9	1.251	332.6	153.8318952	160.18769	Yes
24.98	1.569	320.9	176.811543	172.950755	Yes
25.16	1.575	316.5	189.5740787	187.8707075	Yes

7/30/2019	18:33	25.12	0.169
7/30/2019	18:34	25.35	0.239
7/30/2019	18:35	25.55	0.244
7/30/2019	18:36	25.68	0.242
7/30/2019	18:37	25.77	0.248
7/30/2019	18:38	25.82	0.202
7/30/2019	18:39	25.82	0.318
7/30/2019	18:40	25.74	0.251
7/30/2019	18:41	25.61	0.233
7/30/2019	18:42	25.44	0.259
7/30/2019	18:43	25.28	0.217
7/30/2019	18:44	25.15	0.213
7/30/2019	18:45	25.01	0.182
7/30/2019	18:46	24.89	0.119
7/30/2019	18:47	24.75	0.2
7/30/2019	18:48	24.6	0.155
7/30/2019	18:49	24.47	0.182
7/30/2019	18:50	24.34	0.201
7/30/2019	18:51	24.25	0.136
7/30/2019	18:52	24.27	0.114
7/30/2019	18:53	24.38	0.132
7/30/2019	18:54	24.57	0.118
7/30/2019	18:55	24.79	0.139
7/30/2019	18:56	24.99	0.17
7/30/2019	18:57	25.13	0.197
7/30/2019	18:58	25.2	0.166
7/30/2019	18:59	25.22	0.102
7/30/2019	19:00	25.28	0.091
7/30/2019	19:01	25.32	0.17
7/30/2019	19:02	25.36	0.137
7/30/2019	19:03	25.44	0.123
7/30/2019	19:04	25.5	0.156
7/30/2019	19:05	25.56	0.174
7/30/2019	19:06	25.62	0.128
7/30/2019	19:07	25.64	0.211
7/30/2019	19:08	25.65	0.149
7/30/2019	19:09	25.68	0.128
7/30/2019	19:10	25.71	0.138
7/30/2019	19:11	25.73	0.134
7/30/2019	19:12	25.73	0.092
7/30/2019	19:13	25.69	0.144
7/30/2019	19:14	25.6	0.11
7/30/2019	19:15	25.56	0.11
7/30/2019	19:16	25.57	0.129
7/30/2019	19:17	25.54	0.097
7/30/2019	19:18	25.54	0.111
7/30/2019	19:19	25.55	0.143
7/30/2019	19:20	25.53	0.225
7/30/2019	19:21	25.49	0.165
7/30/2019	19:22	25.44	0.112
7/30/2019	19:23	25.4	0.152

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342.9	142.4158267	26.23
339.5	145.4751667	26.56
331.7	155.1633342	26.73
341.8	143.3363204	26.83
335.1	150.441715	26.86
339.1	145.8778326	26.8
334.5	151.2154981	26.6
329.8	158.1813694	26.36
339.6	145.3759529	26.09
340.3	144.6975271	25.84
332.1	154.5640391	25.64
340	144.9848547	25.47
331.1	156.0853794	25.32
324.6	168.0614801	25.12
327.5	162.2397397	24.92
321.9	174.2857928	24.74
338.5	146.4994658	24.58
321.7	174.7809062	24.48
316.7	188.9294126	24.54
314.1	195.7142115	24.78
311	184.6919171	25.15
314.8	195.3347893	25.56
320.1	178.9252109	25.93
325.1	166.9973396	26.14
317.8	185.5005447	26.21
324.2	168.9319213	26.21
306.5	173.7482078	26.28
325.5	166.1647422	26.33
316.5	189.5740787	26.33
317.7	185.8042924	26.46
322.6	172.5912057	26.55
317.2	187.3466876	26.66
306.1	172.8883094	26.72
327.7	161.8681603	26.74
331.9	154.8621634	26.78
316.7	188.9294126	26.86
321.6	175.0303206	26.97
334.4	151.3468538	27.08
301.4	163.9624173	27.09
313.9	195.7142115	27.03
312.5	188.9210494	26.84
305.7	172.0452245	26.73
307.7	176.4322033	26.73
311.2	185.2375331	26.64
295.8	155.7529709	26.62
294.4	154.0518489	26.58
292.9	152.3697801	26.49
304	168.6422867	26.36
302.7	166.2266321	26.28
309	179.5253688	26.24

0.906	315.4
0.809	316.2
0.756	316.4
0.78	320.5
0.861	320.4
0.886	320.3
1.056	325.3
1.128	324.6
1.04	321.6
0.97	321.3
0.93	319.9
0.885	316.7
0.879	320.5
0.701	318.5
1.039	316.7
0.957	315.6
1.156	317.8
1.077	320.7
0.916	316
0.765	317
0.712	314.8
0.601	313.8
0.685	309.3
0.647	318.1
0.828	321
0.727	320.5
0.497	314.3
0.36	319.2
0.679	319.2
0.648	317
0.628	313
0.628	319.9
0.646	311.1
0.77	310.2
0.782	323
0.609	320.2
0.604	317.3
0.298	327.7
0.51	330.9
0.572	317.7
0.735	320.1
0.552	316.3
0.507	316
0.621	309
0.555	307.3
0.528	301.7
0.588	301.6
0.823	292.2
0.707	303.2
0.625	305.3
0.722	306.5

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190.5537426	25.72
189.898934	25.97
177.8577632	26.09
178.1226162	26.14
178.3888034	26.13
166.5789856	26.07
168.0614801	25.91
175.0303206	25.71
175.7860767	25.49
179.4670474	25.3
188.9294126	25.17
177.8577632	25.06
183.4173207	24.94
188.9294126	24.8
192.5597384	24.64
185.5005447	24.51
177.3320297	24.39
191.2154206	24.32
187.9748679	24.36
195.3347893	24.57
195.7142115	24.86
180.2679334	25.19
184.5985921	25.47
176.5532489	25.62
177.8577632	25.66
195.7142115	25.65
181.4071437	25.69
181.4071437	25.71
187.9748679	25.72
190.403504	25.81
179.4670474	25.88
184.9640411	25.97
182.5632711	26.02
171.6490075	26.02
178.6563324	26.04
187.035022	26.1
161.8681603	26.16
156.3989918	26.23
185.8042924	26.23
178.9252109	26.17
190.2254851	26
191.2154206	25.93
179.5253688	25.92
175.5198021	25.88
164.4719393	25.88
164.3012465	25.87
151.6326395	25.81
167.137323	25.75
171.2186266	25.68
173.7482078	25.63

1.191	316.4	189.898934	25.28	1.456	315.9	191.5488631
1.125	319.6	180.290119	25.51	1.308	313.5	191.9241395
1.128	318.9	182.2598979	25.73	1.354	318.9	182.2598979
1.17	322.9	171.8828066	25.82	1.422	319	181.9742025
1.175	324.8	167.6326681	25.85	1.302	322.4	173.0693692
1.121	322.6	172.5912057	25.83	1.393	322.7	172.3538995
1.291	325.3	166.5789856	25.79	1.613	325.7	165.7545685
1.349	322.8	172.1177686	25.66	1.776	325.6	165.9591491
1.29	319.4	180.8458047	25.5	1.643	319.1	181.6899539
1.271	320.6	177.5942369	25.33	1.514	321.1	176.2962446
1.098	320.5	177.8577632	25.18	1.418	319.7	180.0143756
1.171	319.1	181.6899539	25.07	1.346	313.7	192.5433417
1.119	317.7	185.8042924	24.98	1.361	317.6	186.1096044
0.955	318.4	183.7103804	24.88	1.093	316.6	189.2509084
1.229	316	191.2154206	24.76	1.447	313.5	191.9241395
1.163	315.6	192.5597384	24.63	1.413	314.4	195.7142115
1.313	315.9	191.5488631	24.53	1.693	315.3	193.5866754
1.199	319	181.9742025	24.43	1.598	319.8	179.7400211
1.176	315.2	193.9326112	24.36	1.468	313.5	191.9241395
0.936	314.6	195.7142115	24.37	1.062	313.7	192.5433417
0.892	314.4	195.7142115	24.54	1.023	311.6	186.3453391
0.929	312.4	188.6290418	24.78	1.006	310.5	183.3515534
0.961	312.7	189.5095215	25.05	1.087	308.8	179.0364331
0.872	316	191.2154206	25.27	0.974	314.7	195.6900033
1.053	317.8	185.5005447	25.4	1.309	316.7	188.9294126
1.044	319.9	179.4670474	25.43	1.107	317.9	185.1983516
0.7	319.5	180.5672593	25.42	0.864	313.8	195.7142115
0.695	316.1	190.8837175	25.45	0.696	315.3	193.5866754
1.057	315.2	193.9326112	25.46	1.141	317.6	186.1096044
0.865	317	187.9748679	25.47	1.107	318.6	183.1257514
0.872	316.7	188.9294126	25.54	1.05	315.2	193.9326112
0.929	318.5	183.4173207	25.6	1.084	318.7	182.8356637
0.912	315.1	194.2803784	25.66	1.079	310.7	183.8836779
0.944	310.6	183.6169505	25.71	1.223	309.4	180.5179243
1.097	322	174.0400802	25.72	1.216	322.3	173.3102392
0.898	319	181.9742025	25.73	1.053	320.1	178.9252109
0.731	313.9	195.7142115	25.75	0.999	315.5	192.9002508
0.67	330.8	156.5569873	25.79	0.636	332.1	154.5640391
0.694	328.2	160.955157	25.85	0.856	328.3	160.7752562
0.634	319.9	179.4670474	25.84	0.915	318.3	184.0049395
0.934	322.5	172.8296935	25.77	1.173	322.2	173.55231
0.771	318.2	184.3010071	25.63	0.899	317.7	185.8042924
0.624	317	187.9748679	25.56	0.852	319.8	179.7400211
0.734	308.4	178.0729882	25.56	1.017	307.9	176.8952147
0.706	308.7	178.7937782	25.53	0.854	308.9	179.2802945
0.726	304.7	170.0089535	25.55	0.835	305.1	170.8114111
0.841	301.4	163.9624173	25.55	0.982	301.1	163.4605101
1.052	295.7	155.627126	25.52	1.236	294.6	154.2869623
1.003	305.1	170.8114111	25.5	1.156	304.5	169.6136358
0.81	304.3	169.2222095	25.44	1.005	302	164.9891752
0.926	304.3	169.2222095	25.38	1.167	303.4	167.507983

25.38	1.661	319.8	179.7400211	181.6423904	Yes
25.62	1.502	319.6	180.290119	176.2959569	Yes
25.82	1.559	323.3	170.9545255	174.9734741	Yes
25.9	1.679	320.8	177.0711342	171.7195266	Yes
25.91	1.595	326.6	163.9580918	165.5402435	Yes
25.88	1.549	327.2	162.8040494	168.4439059	Yes
25.83	1.795	329.5	158.684756	161.1975931	Yes
25.71	2.085	328.6	160.24088	164.338474	Yes
25.56	1.923	322	174.0400802	173.9368621	Yes
25.39	1.794	324.1	169.1522337	168.7631278	Yes
25.23	1.65	324	169.3736382	170.5091783	Yes
25.13	1.656	318.6	183.1257514	179.4316868	Yes
25.05	1.61	322.2	173.55231	173.6891287	Yes
24.94	1.421	320.3	178.3888034	178.1159972	Yes
24.82	1.767	318.9	182.2598979	185.0326132	Yes
24.7	1.709	319.6	180.290119	185.768357	Yes
24.62	2.04	319.9	179.4670474	186.230469	Yes
24.54	1.829	323.7	170.0444603	171.3864297	Yes
24.48	1.7	317.5	186.4164902	187.9632694	Yes
24.48	1.381	319.9	179.4670474	191.2904584	Yes
24.69	1.275	319.2	181.4071437	193.2771379	Yes
24.94	1.323	316.6	189.2509084	188.096681	Yes
25.21	1.292	312.7	189.5095215	186.0371693	Yes
25.42	1.229	317.7	185.8042924	187.6073067	Yes
25.53	1.441	322.8	172.1177686	179.4951364	Yes
25.55	1.435	322.5	172.8296935	182.0059267	Yes
25.52	0.971	318.8	182.5470487	185.2319009	Yes
25.53	1.117	320.5	177.8577632	184.9064361	Yes
25.54	1.42	320	179.1954466	181.9035253	Yes
25.55	1.297	321.2	176.0405229	187.1623914	Yes
25.64	1.193	317.1	187.6599662	189.767455	Yes
25.72	1.323	323.2	171.184873	179.5778094	Yes
25.78	1.276	315.8	191.884056	187.6186962	Yes
25.82	1.352	314.4	195.7142115	179.8966138	Yes
25.83	1.449	322.3	173.3102392	170.2168718	Yes
25.83	1.196	323	171.6490075	173.6044773	Yes
25.85	1.027	321.3	175.7860767	191.1447242	Yes
25.89	0.949	330.8	156.5569873	162.0048768	Yes
25.95	1.034	328.7	160.0645165	157.3690647	Yes
25.95	1.083	319.5	180.5672593	178.3096742	Yes
25.87	1.307	326.1	164.946271	180.2553565	Yes
25.7	1.167	322.3	173.3102392	187.3129585	Yes
25.64	1.001	320.8	177.0711342	182.7438835	Yes
25.65	1.181	312.8	189.8060036	177.7314437	Yes
25.64	1.075	313.9	195.7142115	179.707852	Yes
25.68	1.054	309.5	180.7691609	165.2613187	Yes
25.69	1.144	303.9	168.4508857	161.4440057	Yes
25.68	1.493	300.6	162.6406568	153.4791269	Yes
25.65	1.425	308.2	177.5983781	169.0511642	Yes
25.58	1.177	306.1	172.8883094	167.9141608	Yes
25.53	1.345	306.5	173.7482078	172.5009423	Yes

7/30/2019	19:24	25.31	0.188
7/30/2019	19:25	25.24	0.126
7/30/2019	19:26	25.19	0.208
7/30/2019	19:27	25.1	0.183
7/30/2019	19:28	25.01	0.148
7/30/2019	19:29	24.94	0.13
7/30/2019	19:30	24.89	0.158
7/30/2019	19:31	24.85	0.107
7/30/2019	19:32	24.8	0.171
7/30/2019	19:33	24.76	0.171
7/30/2019	19:34	24.72	0.134
7/30/2019	19:35	24.65	0.133
7/30/2019	19:36	24.61	0.083
7/30/2019	19:37	24.56	0.09
7/30/2019	19:38	24.51	0.092
7/30/2019	19:39	24.43	0.105
7/30/2019	19:40	24.34	0.126
7/30/2019	19:41	24.23	0.139
7/30/2019	19:42	24.1	0.114
7/30/2019	19:43	23.97	0.129
7/30/2019	19:44	23.84	0.144
7/30/2019	19:45	23.71	0.13
7/30/2019	19:46	23.6	0.081
7/30/2019	19:47	23.51	0.098
7/30/2019	19:48	23.41	0.124
7/30/2019	19:49	23.32	0.112
7/30/2019	19:50	23.2	0.11
7/30/2019	19:51	23.11	0.118
7/30/2019	19:52	23.01	0.084
7/30/2019	19:53	22.91	0.068
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7/30/2019	19:55	22.76	0.066
7/30/2019	19:56	22.65	0.102
7/30/2019	19:57	22.55	0.12
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7/30/2019	19:59	22.4	0.041
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7/30/2019	20:06	22.09	0.02
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7/30/2019	20:14	21.76	0.031

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314.9	194.9814553	25.75
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323.7	170.0444603	25.63
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327.2	162.8040494	25.5
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329.8	158.1813694	25.48
338.1	146.9258206	25.46
337.2	147.9207527	25.38
340.9	144.1380905	25.28
334.4	151.3468538	25.15
335.3	150.1891937	24.98
344.4	141.262737	24.81
344.5	141.1899582	24.65
346.6	139.7763685	24.48
343	142.3353263	24.34
345.5	140.4897269	24.25
342.9	142.4158267	24.15
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355.1	136.1424529	23.77
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358.7	135.5454083	23.46
351.6	137.249547	23.3
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344.5	141.1899582	22.98
343.4	142.0185516	22.82
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0.665	314.6
0.646	316.2
0.67	319.9
0.651	316.8
0.588	316.5
0.609	323.2
0.46	323.1
0.48	325.8
0.454	323.9
0.568	331.5
0.54	336.6
0.575	341.3
0.559	342.3
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0.57	346.7
0.451	346.4
0.335	351
0.313	351.4
0.369	347
0.39	349.4
0.37	358.5
0.295	11.79
0.301	5.414
0.266	7.634
0.198	355.3
0.232	7.342
0.374	358
0.322	346.4
0.245	334
0.176	333.7
0.153	326.9
0.161	341.8
0.155	350.3
0.085	5.666
0.084	43.35
0.12	58.82
0.13	66.69
0.07	80.9
0.075	51.59
0.052	30.85
0.032	354.2
0.022	
0.052	33
0.086	31.68
0.08	44.22

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177.5983781	25.45
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195.3347893	25.17
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190.5537426	25.12
179.4670474	25.07
188.6095808	25.04
189.5740787	25.02
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171.416365	24.94
165.5509953	24.93
169.5961403	24.9
155.4675767	24.81
148.6120398	24.7
143.7762629	24.57
142.9099119	24.43
138.5230334	24.29
139.7144254	24.15
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139.5314724	23.72
138.2203136	23.63
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137.9293734	23.42
135.8669412	23.31
136.3863969	23.19
136.0950271	23.06
136.306145	22.93
135.6191797	22.81
139.9016992	22.7
151.8792052	22.59
152.2858181	22.52
163.3767931	22.46
143.3363204	22.42
137.796957	22.39
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166.7338279	22.28
154.8983318	22.19
143.4541915	22.11
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156.320292	21.96
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159.8890273	21.75
157.6526802	21.69
186.1708553	21.62

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1.014	305.7	172.0452245	25.17	1.132	303.8	168.2604307
1.052	309.4	180.5179243	25.1	1.31	309.3	180.2679334
0.955	310.4	183.0874794	25.05	1.227	310.4	183.0874794
0.914	311	184.6919171	24.99	1.02	309.9	181.7867003
0.746	309.9	181.7867003	24.95	0.958	308.3	177.8350956
0.731	312.9	190.1039947	24.92	0.951	311.7	186.6257896
0.83	317.8	185.5005447	24.87	0.983	318.1	184.5985921
0.795	313.4	191.6169031	24.83	0.921	317	187.9748679
0.729	314.8	195.3347893	24.8	0.89	314	195.7142115
0.783	322.2	173.55231	24.73	0.837	321.1	176.2962446
0.52	318.3	184.0049395	24.7	0.646	317.2	187.3466876
0.511	321.5	175.2809825	24.67	0.665	324.7	167.8465446
0.576	321.2	176.0405229	24.63	0.717	323.7	170.0444603
0.548	330	157.8499471	24.56	0.784	330.3	157.3589946
0.606	330.9	156.3989918	24.45	0.747	331.1	156.0853794
0.63	329.7	158.3483275	24.35	0.771	330.2	157.5218261
0.634	334.4	151.3468538	24.24	0.782	334.4	151.3468538
0.512	344.5	141.1899582	24.12	0.641	341.5	143.5986496
0.546	340.3	144.6975271	24.02	0.823	341.9	143.249962
0.516	343.1	142.25535	23.91	0.673	338.6	146.3943767
0.363	347.1	139.4714437	23.8	0.515	344.1	141.484113
0.357	347.5	139.23608	23.73	0.491	344.7	141.0459134
0.412	342.2	142.9941199	23.66	0.551	340.8	144.2299319
0.476	343.2	142.1758963	23.59	0.555	340.5	144.5088047
0.377	355.7	136.0052434	23.5	0.559	350.5	137.7078372
0.337	13.74	138.9192528	23.4	0.475	9	136.810367
0.327	9.99	137.1681404	23.31	0.474	7.385	136.3177347
0.295	15.52	139.9778248	23.24	0.447	10.32	137.2969368
0.212	0.526	135.4483856	23.13	0.34	4.292	135.6832036
0.299	10.22	137.2574012	23.03	0.394	5.38	135.8606003
0.404	358.7	135.5454083	22.96	0.526	359.7	135.475212
0.438	345.7	140.355632	22.9	0.54	345.8	140.2893212
0.313	333.5	152.5604335	22.82	0.444	332.2	154.4161117
0.262	325.2	166.7876462	22.75	0.349	327.9	161.5002424
0.235	319	181.9742025	22.73	0.386	324.3	168.7126952
0.214	335	150.5689831	22.73	0.39	338.9	146.0826775
0.216	346.7	139.7144254	22.73	0.376	347	139.5314724
0.132	358.4	135.5745369	22.75	0.298	353.8	136.4921301
0.1	46.91	195.0167044	22.72	0.186	18.68	142.2394175
0.159	64.85	157.2496062	22.67	0.26	49.19	189.2439706
0.172	72.19	149.1571111	22.59	0.328	60.63	163.5769459
0.157	80.4	143.6807474	22.5	0.28	65.62	156.2373942
0.089	60.65	163.5436367	22.41	0.237	51.63	182.4850902
0.049	47.11	195.7037189	22.33	0.172	44.73	187.7542658
0.05	25	148.379085	22.25	0.172	35.25	164.0558153
0.033	20.01	143.344986	22.18	0.135	24.26	147.5390287
0.062	33.3	160.4181218	22.11	0.179	27.42	151.3732077
0.118	35.05	163.6663654	22.04	0.218	32.75	159.4541035
0.148	35.73	165.0063412	21.97	0.262	36.35	166.2679199

25.45	1.555	312.5	188.9210494	180.4235923	Yes
25.38	1.243	310.1	182.3031224	171.6659081	Yes
25.31	1.358	309.3	180.2679334	169.9461781	Yes
25.24	1.499	315.7	192.2210107	185.7814647	Yes
25.2	1.38	313.3	191.3112307	187.2295609	Yes
25.14	1.334	314.2	195.7142115	183.3092887	Yes
25.11	1.163	313.6	192.2329492	184.1528514	Yes
25.06	1.061	316.4	189.898934	184.3319968	Yes
25.03	1.288	320.9	176.811543	180.4209882	Yes
24.99	1.205	319.7	180.0143756	185.7621476	Yes
24.97	1.212	317.1	187.6599662	185.6691424	Yes
24.9	1.095	322.4	173.0693692	170.9593693	Yes
24.87	0.857	318.8	182.5470487	174.791746	Yes
24.83	0.802	325.3	166.5789856	166.7149729	Yes
24.8	0.943	324.6	168.0614801	165.651736	Yes
24.74	0.92	331.8	155.0123664	154.6493178	Yes
24.64	0.944	333.9	152.0140384	151.3086254	Yes
24.53	1.102	333.2	152.9777221	152.7483176	Yes
24.43	0.988	338.6	146.3943767	148.9482033	Yes
24.32	0.936	343.1	142.25535	141.1435946	Yes
24.23	0.939	343.1	142.25535	142.2129682	Yes
24.14	0.903	342.1	143.0788632	142.0819486	Yes
24.02	0.677	347.7	139.1212357	140.1959361	Yes
23.95	0.714	346.1	140.0933217	139.5251508	Yes
23.89	0.802	342.3	142.9099119	142.2928377	Yes
23.83	0.865	342	143.1641434	141.382702	Yes
23.74	0.707	351.5	137.2889944	136.641622	Yes
23.66	0.724	8.05	136.5070199	137.4503615	Yes
23.61	0.74	9.11	136.8480111	136.7987516	Yes
23.54	0.639	9.25	136.8966818	137.3016417	Yes
23.45	0.639	10.65	137.4305386	136.1190408	Yes
23.37	0.704	6.972	136.2096695	137.012941	Yes
23.31	0.796	358.5	135.564413	136.9574396	Yes
23.29	0.853	350.6	137.6639493	140.641301	Yes
23.24	0.677	341.3	143.7762629	149.6119322	Yes
23.17	0.57	338.5	146.4994658	167.8195617	Yes
23.16	0.532	337.1	148.034394	165.892229	Yes
23.18	0.605	348.4	138.734051	146.6626603	Yes
23.2	0.578	352.6	136.8792016	139.0142849	Yes
23.21	0.51	359.6	135.4803714	135.9940389	Yes
23.19	0.4	17.55	141.3728539	173.6065952	Yes
23.13	0.385	40.88	176.7597807	164.274453	Yes
23.04	0.406	57.82	168.6039306	155.8774629	Yes
22.93	0.424	55.08	174.2284402	147.7907777	Yes
22.83	0.402	43.7	184.5985921	176.2060281	Yes
22.73	0.286	40.65	176.1682239	179.9260922	Yes
22.65	0.297	32.92	159.7492628	149.6039219	Yes
22.57	0.221	32.47	158.9733722	145.4420074	Yes
22.5	0.283	36.6	166.7876462	157.2267856	Yes
22.42	0.308	44.06	185.6826061	155.3497356	Yes
22.35	0.368	54.36	175.8370928	163.2896039	Yes

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7/30/2019	20:16	21.61	0.057
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7/30/2019	20:20	21.35	0.029
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7/30/2019	20:24	21.2	0.165
7/30/2019	20:25	21.14	0.112
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7/30/2019	20:53	20.32	0.06
7/30/2019	20:54	20.31	0.06
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273	141.3697448	20.79
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262	142.996497	20.69
255.8	146.3270894	20.65
271.6	141.2853442	20.62
265	142.0271438	20.59
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242.2	161.0618684	20.52
234.8	174.8472386	20.49
243.2	159.5615734	20.46
243.8	158.6977847	20.43
260.5	143.6345036	20.4
254.1	147.5733027	20.38
70.72	150.5143495	20.35
36.25	166.0618188	20.32
20.92	144.1564143	20.28
306.5	173.7482078	20.24
262.5	142.8067836	20.2
257.3	145.3502763	20.16
253.2	148.294859	20.13
270	141.2922309	20.11
232.9	179.2802945	20.08
200.2	143.5106627	20.04
277.1	142.105983	20.01
266.3	141.7313339	19.98
		19.96
85.5	141.9045775	19.92
93.5	141.4203824	19.88
98.4	142.4938547	19.86
99.3	142.8067836	19.87
140.7	177.3320297	19.89

0.118	57.66
0.163	70.93
0.159	60.71
0.164	62.9
0.138	77.81
0.084	74.64
0.054	80.1
0.065	198.4
0.209	219
0.248	231.2
0.239	241.2
0.242	242.6
0.235	250.9
0.253	246.3
0.24	254.7
0.255	266.5
0.282	268.1
0.216	263.1
0.23	255.1
0.289	257
0.282	252.8
0.284	245.8
0.33	245.9
0.314	235.3
0.264	255.4
0.264	249.1
0.207	235.1
0.18	223.3
0.169	226.2
0.167	222.4
0.142	225.1
0.087	226.1
0.04	241.3
0.134	55.74
0.156	44.09
0.085	11.67
0.07	327.7
0.035	306.9
0.049	230.9
0.069	237.7
0.081	261.1
0.083	207
0.085	195.9
0.035	227.6
0.045	244.2
0.018	
0.047	57.04
0.057	83.7
0.044	101
0.095	101.8
0.167	125.7

168.9118457	21.56
150.3128768	21.49
163.4439099	21.44
160.0036074	21.38
145.0436861	21.34
147.1610966	21.3
143.8222881	21.26
142.0185516	21.22
172.1177686	21.17
183.6169505	21.12
162.6406568	21.05
160.4525084	21.03
150.341502	21.01
155.3774631	21.01
147.1162438	21.01
141.6924026	21
141.4436643	20.99
142.5941034	21.01
146.8220309	21.01
145.5366244	21.01
148.6296284	20.98
156.0067	20.92
155.8794948	20.86
173.7482078	20.82
146.6068237	20.79
152.156119	20.75
174.1845669	20.71
183.4173207	20.68
192.5597384	20.63
180.8458047	20.6
188.9294126	20.56
192.2210107	20.53
162.4791534	20.51
172.8032498	20.48
185.7738474	20.44
137.8741211	20.38
161.8681603	20.33
174.6252563	20.29
184.4211537	20.25
168.8346381	20.22
143.3668232	20.2
150.8255466	20.16
140.2234999	20.14
194.1193848	20.13
158.1366964	20.12
	20.1
170.1283131	20.05
142.397648	20.01
143.4985715	20.01
143.8704074	20.04
172.0452245	20.07

0.207	42.33	180.650675	21.9	0.331	44.54	187.1594953
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0.207	54.58	175.3394761	21.78	0.332	56.21	171.8162801
0.237	49.04	189.6872301	21.72	0.311	51.45	182.9559362
0.223	72.93	148.5198685	21.68	0.33	65.62	156.2373942
0.147	75.84	146.2995666	21.67	0.251	70.08	151.1442693
0.107	91.2	141.2767366	21.63	0.145	83.4	142.4938547
0.065	182.5	135.4983288	21.58	0.094	121.6	164.3012465
0.255	215.9	165.3484246	21.51	0.251	197.7	141.484113
0.367	232.2	181.0216499	21.42	0.49	225.9	191.5488631
0.327	241.7	161.8412498	21.37	0.484	234.2	176.202409
0.368	243.4	159.2706591	21.35	0.497	235.8	172.6759748
0.339	250.4	150.8262993	21.34	0.498	242	161.3712442
0.376	245.9	155.8794948	21.36	0.509	241	162.9661204
0.328	253.2	148.294859	21.36	0.528	250	151.2247092
0.279	262.2	142.919245	21.33	0.462	258.8	144.4847842
0.264	265.7	141.8586336	21.31	0.45	260.6	143.5887269
0.242	259.9	143.9189973	21.33	0.381	258.4	144.7048835
0.307	254.6	147.1911034	21.34	0.488	253.1	148.3777321
0.34	255	146.8948028	21.31	0.517	251.7	149.595865
0.336	254.2	147.4958051	21.25	0.54	249.6	151.6326395
0.4	248.8	152.4775331	21.16	0.525	244.7	157.451638
0.429	247.7	153.7040237	21.08	0.546	244.7	157.451638
0.439	241.3	162.4791534	21.03	0.565	238	168.2604307
0.33	252.4	148.9731899	21	0.488	248.4	152.9147416
0.321	247.9	153.475345	20.95	0.456	243.1	159.7081601
0.284	238.4	167.507983	20.9	0.408	235.5	173.3161361
0.219	225.5	190.2254851	20.85	0.347	226.2	192.5597384
0.211	225.2	189.2509084	20.8	0.353	223.7	184.5985921
0.194	223.7	184.5985921	20.76	0.336	221.4	178.1226162
0.188	227.6	194.1193848	20.73	0.328	224.3	186.4164902
0.154	229.3	188.9210494	20.71	0.29	226.8	194.6299891
0.067	241.4	162.3184643	20.69	0.156	232.9	179.2802945
0.133	57.42	169.3783154	20.66	0.142	85.4	141.9282093
0.186	45.8	191.2154206	20.61	0.281	51.44	182.9822186
0.08	44.69	187.6285655	20.55	0.14	52.93	179.2070091
0.055	340.9	144.1380905	20.5	0.052	29.4	154.1225109
0.032	298.6	159.5615734	20.46	0.05	133.6	192.2329492
0.068	217	167.6326681	20.4	0.075	186.9	136.1915717
0.08	223.6	184.3010071	20.36	0.113	216.1	165.7545685
0.085	244.5	157.7235069	20.33	0.095	238	168.2604307
0.108	220.6	176.0405229	20.3	0.149	216.4	166.3713526
0.128	217.3	168.2774801	20.32	0.187	222.9	182.2598979
0.065	225.4	189.898934	20.33	0.142	228.4	191.6169031
0.064	225.4	189.898934	20.33	0.118	228.5	191.3112307
0.016			20.33	0.08	228.1	192.5433417
0.031	70.53	150.6988469	20.3	0.037	225.1	188.9294126
0.061	106.3	146.5361202	20.27	0.05	156.1	149.2056183
0.055	136.3	190.2254851	20.25	0.092	132.3	188.3385084
0.108	110.1	149.595865	20.24	0.149	113.4	152.9147416
0.192	131	184.6919171	20.25	0.287	117.2	157.5872152

22.27	0.411	58.98	166.4431367	170.4098425	Yes
22.19	0.445	70.75	150.4854108	161.2815653	Yes
22.1	0.412	70.79	150.4469074	163.7212425	Yes
22.02	0.344	67.18	154.3106166	179.0746056	Yes
22	0.411	64.68	157.4786964	148.0902965	Yes
22.03	0.374	67.94	153.4299151	147.6988058	Yes
22.04	0.325	82.1	142.9576428	142.5309598	Yes
21.99	0.225	89.9	141.2963201	156.0912939	Yes
21.92	0.204	171.8	137.171973	159.2717506	Yes
21.79	0.453	226.1	192.2210107	176.9293054	Yes
21.71	0.459	240.9	163.1300876	162.1632763	Yes
21.71	0.499	242.4	160.7556316	158.676153	Yes
21.74	0.574	248.3	153.0256028	151.1109058	Yes
21.79	0.578	248.1	153.2492103	154.6238632	Yes
21.84	0.661	256.7	145.7274513	146.9820107	Yes
21.85	0.639	262.9	142.6631883	142.6165442	Yes
21.82	0.535	266	141.7930115	142.2360015	Yes
21.84	0.533	261.5	143.1976347	144.456202	Yes
21.85	0.616	259.4	144.169036	146.1109619	Yes
21.74	0.649	250.3	150.9250156	145.8449514	Yes
21.59	0.685	250.4	150.8262993	147.3401963	Yes
21.45	0.715	248.1	153.2492103	152.5390845	Yes
21.36	0.74	249.4	151.8402112	152.5079134	Yes
21.31	0.732	246.7	154.8861795	162.7037203	Yes
21.31	0.674	250.9	150.341502	147.4450249	Yes
21.23	0.622	245.4	156.5223835	151.841692	Yes
21.16	0.542	240	164.6434892	167.9812769	Yes
21.09	0.486	231.4	183.0874794	181.8161032	Yes
21.02	0.481	228.6	191.0071128	185.3141194	Yes
20.99	0.467	226	191.884056	175.7821466	Yes
20.98	0.457	227.3	195.0846305	182.0407681	Yes
20.97	0.396	228.4	191.6169031	179.8516382	Yes
20.97	0.28	233.5	177.8350956	162.9128037	Yes
20.94	0.123	78.16	144.8406576	158.656031	Yes
20.88	0.355	67.61	153.8077636	181.5083263	Yes
20.78	0.215	88.9	141.3609132	162.2165275	Yes
20.72	0.125	101.1	143.5434164	158.4692424	Yes
20.67	0.061	118.6	159.5615734	167.3066406	Yes
20.62	0.074	205.8	149.3262707	158.3989174	Yes
20.58	0.154	237.9	168.4508857	166.7962681	Yes
20.56	0.179	253.3	148.2125295	152.6607479	Yes
20.56	0.184	237.7	168.8346381	168.1294292	Yes
20.57	0.22	234	176.6631365	158.5678851	Yes
20.58	0.189	234.8	174.8472386	179.4353012	Yes
20.59	0.175	230	186.9076557	170.2695487	Yes
20.58	0.143	224.8	187.9748679	192.5433417	Yes
20.56	0.09	214.9	163.3767931	162.9152875	Yes
20.53	0.093	189.1	136.8445673	144.8899422	Yes
20.5	0.115	182.9	135.52806	166.1391049	Yes
20.45	0.173	138.2	184.3010071	147.2969494	Yes
20.42	0.264	129	179.5253688	172.9140966	Yes

7/30/2019	21:06	20.09	0.067
7/30/2019	21:07	20.08	0.088
7/30/2019	21:08	20.07	0.054
7/30/2019	21:09	20.05	0.045
7/30/2019	21:10	20.03	0.043
7/30/2019	21:11	20	0.056
7/30/2019	21:12	19.98	0.065
7/30/2019	21:13	19.95	0.018
7/30/2019	21:14	19.93	0.043
7/30/2019	21:15	19.91	0.046
7/30/2019	21:16	19.89	0.054
7/30/2019	21:17	19.87	0.096
7/30/2019	21:18	19.87	0.085
7/30/2019	21:19	19.87	0.18
7/30/2019	21:20	19.88	0.123
7/30/2019	21:21	19.88	0.103
7/30/2019	21:22	19.89	0.127
7/30/2019	21:23	19.89	0.123
7/30/2019	21:24	19.87	0.137
7/30/2019	21:25	19.83	0.191
7/30/2019	21:26	19.79	0.191
7/30/2019	21:27	19.76	0.242
7/30/2019	21:28	19.71	0.327
7/30/2019	21:29	19.68	0.403
7/30/2019	21:30	19.67	0.417
7/30/2019	21:31	19.68	0.339
7/30/2019	21:32	19.68	0.328
7/30/2019	21:33	19.68	0.302
7/30/2019	21:34	19.68	0.209
7/30/2019	21:35	19.68	0.106
7/30/2019	21:36	19.68	0.066
7/30/2019	21:37	19.69	0.046
7/30/2019	21:38	19.7	0.067
7/30/2019	21:39	19.7	0.079
7/30/2019	21:40	19.7	0.041
7/30/2019	21:41	19.69	0.077
7/30/2019	21:42	19.69	0.162
7/30/2019	21:43	19.69	0.188
7/30/2019	21:44	19.72	0.28
7/30/2019	21:45	19.76	0.346
7/30/2019	21:46	19.78	0.291
7/30/2019	21:47	19.79	0.193
7/30/2019	21:48	19.78	0.185
7/30/2019	21:49	19.76	0.195
7/30/2019	21:50	19.75	0.158
7/30/2019	21:51	19.73	0.194
7/30/2019	21:52	19.71	0.191
7/30/2019	21:53	19.69	0.233
7/30/2019	21:54	19.67	0.213
7/30/2019	21:55	19.64	0.247
7/30/2019	21:56	19.61	0.197

90.6	141.2767366	19.89
81.1	143.3668232	19.89
47.87	193.2633036	19.89
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22.41	145.584971	19.89
32.24	158.5834745	19.87
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		19.83
2.849	135.5239012	19.81
7.237	136.2781753	19.79
72.37	148.9993141	19.77
93	141.3697448	19.76
74.49	147.2740555	19.77
95	141.6372805	19.78
92.2	141.3111722	19.8
77.8	145.0495749	19.81
66.29	155.3898823	19.82
52.94	179.1826048	19.82
56.18	171.8785962	19.8
58.88	166.6245475	19.77
53.54	177.7402679	19.72
80.8	143.4985715	19.68
88.7	141.3790081	19.64
87.7	141.4954247	19.61
93	141.3697448	19.6
87.9	141.4686779	19.61
87.8	141.4818346	19.62
84	142.3054699	19.62
86.2	141.7514553	19.62
57.71	168.81536	19.63
29.38	154.0933154	19.63
319.5	180.5672593	19.63
307	174.8472386	19.64
305.8	172.2544374	19.64
311.9	187.1909456	19.63
304.4	169.4174385	19.61
283.1	144.539086	19.62
274.9	141.6197787	19.65
262.9	142.6631883	19.68
268.8	141.3697448	19.72
270.2	141.2853442	19.75
270.2	141.2853442	19.75
263.9	142.3357491	19.76
272.1	141.3057907	19.74
283.6	144.8178344	19.73
288.6	148.294859	19.71
288.4	148.1307424	19.68
298.2	158.9827372	19.66
297.5	157.9982448	19.64
307.3	175.5198021	19.6
308.4	178.0729882	19.57

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0.101	82.3
0.115	51.07
0.142	46.44
0.122	44.45
0.175	41.71
0.15	29.86
0.113	17.43
0.142	22.03
0.139	37.09
0.131	47.79
0.151	74.15
0.145	77.47
0.226	95.5
0.172	92.3
0.148	85.8
0.2	70.15
0.246	68.45
0.29	61.88
0.373	66.42
0.36	61.52
0.419	75.97
0.408	84.9
0.454	85
0.464	88.7
0.477	84.7
0.396	84.6
0.3	84
0.308	81.2
0.26	67.39
0.184	50.13
0.204	344.7
0.22	324
0.173	328.5
0.108	340.6
0.138	324.9
0.346	279.2
0.485	261.7
0.432	252.2
0.548	252.5
0.561	254.3
0.333	259.2
0.453	261.4
0.589	266
0.473	275.7
0.434	276.2
0.465	282.7
0.514	293.5
0.39	300.5
0.492	304
0.39	307.2

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142.8813029	20.06
183.9639567	20.05
193.3799881	20.03
186.8797909	20.01
178.9521733	19.99
154.8022956	19.98
141.2846692	19.95
145.2086138	19.92
167.8251094	19.89
193.5157213	19.88
147.5344875	19.87
145.2466567	19.88
141.7313339	19.92
141.3169846	19.95
141.8363207	19.96
151.074196	19.95
152.8595458	19.93
161.5583871	19.88
155.2289564	19.83
162.1267077	19.78
146.2106807	19.74
142.0529811	19.69
142.0271438	19.67
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142.105983	19.69
142.1331484	19.69
142.3054699	19.69
143.3238336	19.69
154.063543	19.7
186.5415062	19.7
141.0459134	19.71
169.3736382	19.71
160.4181218	19.7
144.4152874	19.68
167.4198452	19.66
142.7702052	19.7
143.1158038	19.74
149.1482972	19.78
148.8864702	19.81
147.4188376	19.82
144.2723744	19.82
143.23924	19.82
141.7930115	19.8
141.7720144	19.79
141.8813857	19.77
144.324759	19.74
153.0256028	19.72
162.4791534	19.69
168.6422867	19.65
175.2945059	19.62

0.116	110.1	149.595865	20.24	0.211	109.5	149.0604651
0.136	91.9	141.2963201	20.23	0.196	95.8	141.7930115
0.152	61.04	162.9007647	20.22	0.187	75.95	146.2242994
0.161	51.33	183.2721926	20.22	0.272	65.78	156.0322231
0.155	46.93	195.0872588	20.21	0.264	62.92	159.9739257
0.197	45.76	191.0825313	20.22	0.329	54.15	176.3171641
0.179	33.99	161.6653545	20.24	0.305	46.68	194.2106779
0.158	20.8	144.0468045	20.23	0.265	39.03	172.1884848
0.197	19.39	142.8178998	20.21	0.312	34.42	162.4644591
0.19	33.5	160.7752562	20.2	0.314	40.98	177.0191118
0.17	47.37	194.8580706	20.2	0.295	44.46	186.9108051
0.216	70.9	150.341502	20.18	0.331	63.49	159.1407253
0.256	82.3	142.8813029	20.19	0.303	79.6	144.0675996
0.282	101.4	143.6807474	20.18	0.375	99.3	142.8067836
0.283	95.4	141.7116497	20.18	0.358	95.8	141.7930115
0.3	86	141.7930115	20.17	0.326	82	142.996497
0.231	70.72	150.5143495	20.14	0.356	70.72	150.5143495
0.268	69.51	151.7257477	20.11	0.418	67.4	154.0518489
0.328	62.8	160.152474	20.06	0.548	61.82	161.6523875
0.408	65.45	156.4573193	20.01	0.647	62.97	159.8998549
0.436	59.87	164.8677915	19.97	0.642	60.28	164.1653068
0.524	78.99	144.3829342	19.93	0.751	72	149.3256382
0.64	87.2	141.5698857	19.88	0.685	83.6	142.4292686
0.74	88.3	141.4203824	19.86	0.74	85.5	141.9045775
0.721	89.8	141.30084	19.85	0.748	87.1	141.5860815
0.718	87.8	141.4818346	19.85	0.738	86.9	141.6197787
0.59	87.5	141.5239064	19.84	0.657	83.1	142.5941034
0.447	84.7	142.105983	19.85	0.552	82.2	142.919245
0.425	82.9	142.6631883	19.86	0.503	79.82	143.9582088
0.282	72.51	148.8778287	19.86	0.448	68.22	153.1147436
0.209	54.88	174.6695651	19.86	0.308	55.5	173.3161361
0.251	352.7	136.8445673	19.86	0.307	0.588	135.4475082
0.271	333.7	152.2858181	19.86	0.402	340.7	144.3223303
0.216	333.4	152.6988115	19.84	0.369	340.3	144.6975271
0.169	344.6	141.1176841	19.83	0.301	355.7	136.0052434
0.223	326.5	164.1537804	19.84	0.333	330.2	157.5218261
0.344	287.4	147.3423991	19.86	0.529	284.3	145.2285189
0.418	264.3	142.2173074	19.88	0.731	261.9	143.0358082
0.536	250.9	150.341502	19.9	0.746	250.2	151.0243214
0.656	254.1	147.5733027	19.91	0.898	251.8	149.5052253
0.551	255.5	146.5361202	19.92	0.882	253.3	148.2125295
0.404	254.3	147.4188376	19.93	0.582	254.6	147.1911034
0.43	259.8	143.9680589	19.93	0.751	256.7	145.7274513
0.485	265.5	141.9045775	19.92	0.782	259.9	143.9189973
0.422	275.3	141.6924026	19.9	0.709	268.6	141.3887034
0.409	277.5	142.2173074	19.88	0.702	270.2	141.2853442
0.473	285.3	145.8571712	19.86	0.712	279.6	142.919245
0.518	296.9	157.1826166	19.83	0.769	290.5	149.9641021
0.521	303.6	167.8823409	19.79	0.717	298.8	159.8555038
0.565	307.2	175.2945059	19.75	0.775	303.6	167.8823409
0.556	312.4	188.6290418	19.72	0.731	307.4	175.7462142

20.4	0.213	122.4	165.6909983	145.5375935	Yes
20.39	0.215	106.5	146.6780426	142.3343644	Yes
20.38	0.201	90.8	141.2750152	171.5880811	Yes
20.37	0.263	75.18	146.7641871	168.9386921	Yes
20.37	0.266	68.62	152.6730464	171.8814866	Yes
20.38	0.333	63.18	159.5908303	176.2338358	Yes
20.39	0.31	56.35	171.526689	163.5472477	Yes
20.41	0.293	50.43	185.7056316	152.5066528	Yes
20.42	0.355	46.77	194.5249116	146.5037185	Yes
20.42	0.349	47.68	193.8644924	160.4744132	Yes
20.42	0.348	54.16	176.2941904	181.0709778	Yes
20.43	0.406	84.2	142.2462495	149.5966149	Yes
20.43	0.483	98.8	142.6284203	144.8674037	Yes
20.43	0.543	108.6	148.294859	142.4640364	Yes
20.44	0.583	98.6	142.5602372	141.5332045	Yes
20.41	0.614	86.9	141.6197787	142.918851	Yes
20.35	0.54	79.15	144.298507	151.8731943	Yes
20.31	0.612	72.6	148.8003043	159.4549368	Yes
20.25	0.759	65.23	156.7449008	163.8104612	Yes
20.22	0.853	68.82	152.4559332	159.5526695	Yes
20.19	0.887	67.1	154.4054945	167.2250185	Yes
20.15	1.037	77.97	144.9501313	145.8544562	Yes
20.09	1.115	86.3	141.7313339	141.8577859	Yes
20.05	1.188	88.7	141.3790081	141.7118821	Yes
20.01	1.169	89.9	141.2963201	141.4089186	Yes
19.99	1.101	90.6	141.2767366	141.6690685	Yes
19.98	1.046	88.6	141.3887034	141.9332482	Yes
19.98	0.898	87.7	141.4954247	142.4090419	Yes
19.98	0.782	83.9	142.3357491	142.9241715	Yes
19.99	0.665	73.12	148.3611139	156.2178688	Yes
19.99	0.483	61.14	162.7379511	172.1551307	Yes
19.99	0.404	17.49	141.3286703	148.476312	Yes
19.97	0.435	352.3	136.9857152	160.2072563	Yes
19.96	0.457	353.6	136.5523328	157.5172244	Yes
19.97	0.441	10.58	137.4017961	152.1822901	Yes
20	0.46	337.1	148.034394	164.6282226	Yes
20.01	0.6	296.5	156.6530324	144.9700523	Yes
20	0.811	270.1	141.2885722	142.4971745	Yes
20	0.969	256	146.1902907	148.2943272	Yes
19.99	1.07	257.9	144.9909076	146.8336857	Yes
20	0.981	259.4	144.169036	145.8632079	Yes
20	0.743	260.3	143.7274589	145.0419149	Yes
20	0.857	262.1	142.9576428	143.8176248	Yes
19.98	0.847	264.3	142.2173074	142.2305943	Yes
19.95	0.78	270.8	141.2750152	142.4177387	Yes
19.92	0.743	272.4	141.3232279	143.4197241	Yes
19.9	0.808	282.8	144.3776216	145.3079794	Yes
19.87	0.892	291.6	151.0243214	154.7887647	Yes
19.83	0.938	299.1	160.3021067	162.0538107	Yes
19.79	0.996	303.6	167.8823409	171.8347339	Yes
19.76	0.96	309.5	180.7691609	179.4356875	Yes

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7/30/2019	22:07	19.49	0.149
7/30/2019	22:08	19.48	0.154
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7/30/2019	22:14	19.3	0.158
7/30/2019	22:15	19.3	0.152
7/30/2019	22:16	19.29	0.169
7/30/2019	22:17	19.28	0.146
7/30/2019	22:18	19.26	0.077
7/30/2019	22:19	19.25	0.061
7/30/2019	22:20	19.24	0.074
7/30/2019	22:21	19.22	0.051
7/30/2019	22:22	19.21	0.051
7/30/2019	22:23	19.18	0.106
7/30/2019	22:24	19.12	0.142
7/30/2019	22:25	19.06	0.114
7/30/2019	22:26	19.04	0.067
7/30/2019	22:27	19.02	0.072
7/30/2019	22:28	19	0.132
7/30/2019	22:29	18.97	0.038
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7/30/2019	22:31	18.94	0.088
7/30/2019	22:32	18.92	0.108
7/30/2019	22:33	18.89	0.117
7/30/2019	22:34	18.86	0.175
7/30/2019	22:35	18.84	0.179
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7/30/2019	22:41	18.79	0.084
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329	159.540656	19.44
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316.9	188.2914027	19.44
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297.8	158.4157786	19.41
294.6	154.2869623	19.39
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277	142.0792607	19.3
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263.8	142.366475	19.27
264	142.3054699	19.26
250.1	151.1242187	19.25
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241.8	161.6837847	19.22
280.5	143.2813061	19.21
289.5	149.0604651	19.21
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46.86	194.8406454	19.15
55.54	173.2302325	19.08
63.85	158.6270078	19.01
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97.2	142.1331484	18.93
102.8	144.3776216	18.9
255.2	146.7497779	18.88
282.6	144.2723744	18.86
287	147.041908	18.87
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271.3	141.2782429	18.81
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265.9	141.8144468	18.82
258.4	144.7048835	18.8
266.9	141.6197787	18.79
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291	150.437296	18.73
328.3	160.7752562	18.7
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101	143.4985715	18.59
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0.313	308.3
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0.18	258.3
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0.364	260.6
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0.251	101.8

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184.8977039	19.53
177.8350956	19.53
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155.1304872	19.51
145.4118964	19.49
141.5387984	19.45
141.431807	19.4
142.2173074	19.37
145.1683796	19.37
156.1345891	19.36
164.6434892	19.33
169.6136358	19.32
166.9533691	19.3
144.7611164	19.3
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136.4336422	19.28
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158.0673801	19.15
163.4439099	19.09
179.1338326	19.08
144.6713762	19.06
141.3169846	19.02
141.3887034	19
190.9161792	18.99
143.7274589	18.96
141.8144468	18.97
141.6552183	19
143.9680589	18.98
145.663343	18.93
145.1683796	18.91
148.1307424	18.91
143.5887269	18.89
149.7788447	18.88
141.3988308	18.86
141.5860815	18.85
149.1482972	18.81
155.3150699	18.78
193.2003608	18.74
143.1976347	18.7
142.4938547	18.66
143.8704074	18.64

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0.523	321.5	175.2809825	19.66	0.722	318.2	184.3010071
0.558	328.2	160.955157	19.65	0.791	323	171.6490075
0.615	329.2	159.1957351	19.64	0.807	325.4	166.3713526
0.525	334	151.8792052	19.63	0.75	327.5	162.2397397
0.507	335.4	150.0639356	19.63	0.673	334.9	150.6969261
0.503	335.4	150.0639356	19.64	0.667	333.3	152.8379067
0.446	335.4	150.0639356	19.65	0.676	334	151.8792052
0.418	333.5	152.5604335	19.66	0.599	329.9	158.0152438
0.414	325.7	165.7545685	19.67	0.607	320.4	178.1226162
0.39	315.2	193.9326112	19.67	0.608	312.7	189.5095215
0.394	307.9	176.8952147	19.67	0.613	307.3	175.5198021
0.444	302.4	165.6909983	19.66	0.657	301.6	164.3012465
0.486	291	150.437296	19.64	0.687	292	151.4274771
0.475	281.1	143.5434164	19.6	0.739	278.8	142.6284203
0.539	271.6	141.2853442	19.55	0.895	267.6	141.5094486
0.586	265.7	141.8586336	19.51	0.887	261.3	143.2813061
0.558	257.4	145.2891508	19.5	0.79	254.8	147.041908
0.43	245.4	156.5223835	19.47	0.625	244.3	157.9982448
0.445	243	159.8555038	19.43	0.602	240.7	163.4605101
0.354	236.2	171.8370419	19.42	0.516	236.3	171.6298847
0.272	243.4	159.2706591	19.42	0.412	241.9	161.5271173
0.188	256.7	145.7274513	19.42	0.357	250.2	151.0243214
0.211	278.6	142.5602372	19.42	0.368	267.7	141.4954247
0.217	307.5	175.9737479	19.42	0.339	287.9	147.7298938
0.234	342	143.1641434	19.41	0.284	322.4	173.0693692
0.313	38.91	171.9062504	19.39	0.358	18.28	141.9251412
0.437	62.74	160.2421615	19.32	0.585	52.85	179.4026796
0.357	52.04	181.4282546	19.28	0.531	44.63	187.4405013
0.28	46.7	194.2803784	19.3	0.381	38.2	170.2702897
0.339	78.03	144.9153706	19.28	0.426	65.97	155.7908567
0.361	91	141.2750152	19.21	0.358	84.5	142.1607573
0.266	83.7	142.397648	19.18	0.325	77.25	145.3810245
0.103	49.79	187.5042188	19.17	0.215	60.74	163.3941592
0.143	288	147.8089898	19.15	0.115	312	187.4756675
0.292	280.7	143.3668232	19.13	0.314	287.6	147.4958051
0.386	267.7	141.4954247	19.15	0.52	266.9	141.6197787
0.549	260.4	143.6807474	19.12	0.758	257.3	145.3502763
0.665	258	144.932729	19.06	0.878	253.5	148.0494963
0.593	256.3	145.9889028	19.03	0.738	251.2	150.0575889
0.538	253.4	148.1307424	19.01	0.618	248.7	152.5859038
0.396	259.5	144.1180804	18.99	0.535	255.5	146.5361202
0.35	252.2	149.1482972	18.98	0.476	250.5	150.728171
0.274	268.2	141.431807	18.96	0.475	265.7	141.8586336
0.327	279.2	142.7702052	18.96	0.481	274.4	141.5387984
0.322	289.6	149.1482972	18.95	0.483	282.7	144.324759
0.226	327.1	162.994021	18.92	0.329	315.2	193.9326112
0.214	40.66	176.1938024	18.88	0.223	7.682	136.3999372
0.223	100.9	143.4541915	18.84	0.172	83.9	142.3357491
0.267	107.7	147.5733027	18.79	0.222	103.2	144.5938692
0.332	107.5	147.4188376	18.77	0.328	100.9	143.4541915

19.73	0.937	313.3	191.3112307	188.8328693	Yes
19.71	0.933	320	179.1954466	180.6595261	Yes
19.7	0.972	323.6	170.2702897	169.2509895	Yes
19.71	0.989	325.2	166.7876462	166.824087	Yes
19.71	0.921	332.6	153.8318952	165.0853398	Yes
19.72	0.911	339.7	145.2773166	152.7817661	Yes
19.75	0.91	341.1	143.9560723	161.8981226	Yes
19.77	0.785	339.3	145.6753339	156.2564649	Yes
19.79	0.766	336.3	148.9662571	165.5162013	Yes
19.79	0.746	327.3	162.6150149	179.2665728	Yes
19.79	0.762	321.5	175.2809825	183.8107693	Yes
19.8	0.805	317.8	185.5005447	170.8234797	Yes
19.8	0.844	311.2	185.2375331	160.8846276	Yes
19.79	0.887	303.3	167.3221929	150.3909079	Yes
19.77	0.956	290.3	149.7788447	142.8362847	Yes
19.71	0.971	276.1	141.8586336	141.5764651	Yes
19.66	0.968	268.6	141.3887034	142.2240114	Yes
19.62	0.947	261.9	143.0358082	144.9664783	Yes
19.57	0.829	251.9	149.4151502	153.2401718	Yes
19.53	0.781	248.4	152.9147416	159.7709304	Yes
19.52	0.676	246.2	155.5019575	166.7831028	Yes
19.54	0.592	248.4	152.9147416	162.3587325	Yes
19.56	0.508	253.1	148.3777321	146.1985488	Yes
19.58	0.424	267.7	141.4954247	143.9275576	Yes
19.59	0.375	284	145.0495749	176.3561349	Yes
19.58	0.329	303.5	167.6946976	148.6229854	Yes
19.56	0.333	1.226	135.4476925	175.769858	Yes
19.49	0.69	55.47	173.3806752	167.7356134	Yes
19.46	0.465	34.96	163.4923646	172.7349184	Yes
19.49	0.323	23.42	146.6263621	177.4195103	Yes
19.46	0.603	71.92	149.3972028	147.4229619	Yes
19.38	0.644	84.2	142.2462495	141.7214764	Yes
19.35	0.535	80.9	143.4541915	143.3862494	Yes
19.34	0.295	63.49	159.1407253	172.1410838	Yes
19.33	0.17	4.047	135.6500639	155.8211227	Yes
19.33	0.31	309.2	180.0191816	144.9297458	Yes
19.34	0.446	284.5	145.3502763	141.7765427	Yes
19.31	0.865	263.5	142.4613373	143.6927742	Yes
19.23	1.052	260.5	143.6345036	145.0085679	Yes
19.16	0.962	256.3	145.9889028	145.6232785	Yes
19.12	0.78	255.6	146.4659307	147.7250925	Yes
19.09	0.685	263.8	142.366475	144.0143436	Yes
19.07	0.605	261.6	143.1564895	148.5900491	Yes
19.07	0.551	271.5	141.2825466	141.5772625	Yes
19.08	0.56	272.9	141.3609132	141.9618416	Yes
19.11	0.557	276.6	141.9767943	148.2646624	Yes
19.1	0.469	297.3	157.7235069	168.2542396	Yes
19.06	0.276	324.1	169.1522337	168.134983	Yes
19.01	0.107	48.59	191.0374549	143.9705945	Yes
18.96	0.201	102.4	144.169036	144.5398995	Yes
18.91	0.314	108.1	147.8886214	145.3733036	Yes

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7/30/2019	23:17	18.84	0.051
7/30/2019	23:18	18.84	0.048
7/30/2019	23:19	18.84	0.037
7/30/2019	23:20	18.83	0.035
7/30/2019	23:21	18.83	0.029
7/30/2019	23:22	18.83	0.022
7/30/2019	23:23	18.81	0.029
7/30/2019	23:24	18.79	0.024
7/30/2019	23:25	18.78	0.011
7/30/2019	23:26	18.77	0.013
7/30/2019	23:27	18.77	0.028
7/30/2019	23:28	18.78	0.031
7/30/2019	23:29	18.78	0.046
7/30/2019	23:30	18.79	0.057
7/30/2019	23:31	18.79	0.053
7/30/2019	23:32	18.79	0.021
7/30/2019	23:33	18.77	0.013
7/30/2019	23:34	18.75	0.018
7/30/2019	23:35	18.74	0.013
7/30/2019	23:36	18.72	0.05
7/30/2019	23:37	18.71	0.033
7/30/2019	23:38	18.7	0.022

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151	156.2417902	18.52
195.1	139.7144254	18.51
223.5	184.0049395	18.48
197.7	141.484113	18.46
209.8	154.712722	18.44
203.8	147.0339187	18.43
196	140.2893212	18.43
196.6	140.6945686	18.45
168.9	138.471433	18.45
146.8	163.5696028	18.44
147.9	161.5002424	18.47
145.3	166.5789856	18.52
135.9	191.5488631	18.58
128.4	178.0729882	18.63
116	156.0067	18.67
184	135.6439919	18.68
187	136.2167669	18.68
198	141.7100752	18.67
144.5	168.2774801	18.67
143.6	170.2702897	18.7
130.8	184.1517432	18.74
104	145.0495749	18.76
93	141.3697448	18.76
84.6	142.1331484	18.77
76.98	145.5492066	18.76
79.07	144.3405676	18.78
84.7	142.105983	18.78
68.92	152.3483034	18.78
73.44	148.0981792	18.78
58.45	167.4149727	18.78
47.33	194.9874333	18.78
27.9	152.0140384	18.78
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		18.73
		18.73
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6	135.9838512	18.73
43.02	182.6046543	18.73
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17.86	141.6040533	18.74
15	139.6529623	18.73
		18.71
		18.68
		18.65
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9	136.810367	18.6
11.5	137.796957	18.59

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0.242	125.9
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0.165	187.8
0.236	194.5
0.325	195.8
0.278	192.9
0.245	187.8
0.168	165
0.19	144.1
0.221	135
0.223	129
0.237	122.9
0.305	116.9
0.213	126.3
0.098	153.2
0.152	183.9
0.088	196.3
0.113	123.7
0.184	128.2
0.319	116.8
0.287	104.4
0.269	94.8
0.24	86.6
0.206	85.3
0.247	76.51
0.215	83.1
0.184	74.12
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0.139	49.87
0.102	37.61
0.113	16.5
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0.112	13.66
0.102	53.17
0.127	52.89
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0.132	21.81
0.12	348.5
0.057	27.8
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0.049	24.89
0.119	22.5
0.137	17.23
0.149	16.17

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140.8336095	18.61
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173.3161361	18.75
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175.25586	18.8
171.184873	18.79
182.824721	18.78
147.3618674	18.77
139.2942101	18.78
138.8751913	18.79
178.6246341	18.8
179.3047473	18.8
175.6846538	18.81
144.9945205	18.81
138.6806025	18.79
151.8792052	18.76
154.7574746	18.73
148.2520401	18.7
145.6753339	18.67
141.1393134	18.67
140.4023415	18.67

0.337	115.7	155.627126	18.77	0.33	112.5	151.9449052
0.325	133.3	191.3112307	18.75	0.397	124.2	169.0279442
0.21	172	137.0961561	18.76	0.301	154.1	151.7450728
0.158	180.2	135.4556091	18.73	0.27	167.5	139.23608
0.257	186.9	136.1915717	18.71	0.339	175.1	136.1424529
0.343	192	138.0276292	18.68	0.482	181.9	135.4661321
0.432	196.3	140.4897269	18.69	0.618	186.6	136.1185285
0.385	194.7	139.4714437	18.73	0.548	188.2	136.5523328
0.335	192.3	138.1714606	18.77	0.499	187.9	136.4626721
0.265	178.1	135.6073966	18.78	0.435	178.6	135.5547035
0.289	155.3	150.1891937	18.78	0.366	163.2	142.1758963
0.297	146.7	163.7633675	18.78	0.406	151.7	155.1633342
0.3	141.7	174.7809062	18.79	0.393	147.2	162.8040494
0.334	133.2	191.0071128	18.81	0.434	133.5	191.9241395
0.34	126	172.6759748	18.82	0.474	126.7	174.1845669
0.278	131.3	185.5124012	18.83	0.352	136	191.2154206
0.12	147.2	162.8040494	18.84	0.168	138.6	183.1257514
0.159	177.7	135.6570213	18.84	0.235	167.5	139.23608
0.098	184.5	135.7132992	18.84	0.17	178.3	135.5850754
0.179	140.3	178.3888034	18.84	0.189	139.7	180.0143756
0.278	138.2	184.3010071	18.86	0.359	134.8	195.3347893
0.359	128.4	178.0729882	18.88	0.471	129.9	181.7867003
0.352	112.9	152.3697801	18.89	0.439	116.7	156.9164217
0.36	101.9	143.9189973	18.89	0.483	104.6	145.4118964
0.356	93.2	141.3887034	18.9	0.395	95.8	141.7930115
0.339	88	141.4559546	18.91	0.357	90.6	141.2767366
0.375	81.4	143.23924	18.93	0.373	83.1	142.5941034
0.366	83.6	142.4292686	18.93	0.372	80.5	143.6345036
0.264	73.56	148.0010077	18.93	0.324	68.04	153.3167846
0.212	70.77	150.4661475	18.92	0.226	72.7	148.7146909
0.172	73.15	148.3362275	18.91	0.219	64.87	157.2227891
0.161	49.26	189.0382671	18.9	0.228	49.8	187.4756675
0.15	36.55	166.6831872	18.89	0.206	44.17	186.017846
0.139	13.34	138.7019262	18.89	0.223	24.3	147.5835656
0.08	39.03	172.1884848	18.89	0.179	43.06	182.7200414
0.099	332.4	154.1225109	18.88	0.118	353.9	136.4626721
0.116	316.5	189.5740787	18.87	0.142	347.3	139.3528135
0.105	334.2	151.6116385	18.87	0.164	345.5	140.4897269
0.154	348.8	138.5230334	18.87	0.24	342.1	143.0788632
0.139	2.459	135.4956552	18.89	0.249	350.7	137.6205085
0.131	29.46	154.2102766	18.91	0.199	12.67	138.3544962
0.178	44.21	186.140222	18.93	0.246	34.84	163.2615639
0.178	31.63	157.5708349	18.93	0.295	26.67	150.4036658
0.201	20.06	143.3883951	18.93	0.303	18.93	142.4400792
0.172	359	135.5200067	18.9	0.268	3.698	135.6071652
0.078	22.55	145.7257394	18.88	0.179	9.41	136.9533494
0.07	11.13	137.6334938	18.85	0.149	8.78	136.7366522
0.08	12.8	138.4202926	18.82	0.141	5.148	135.8186248
0.16	12.52	138.2795391	18.81	0.222	6.417	136.0758419
0.191	6.749	136.1543303	18.8	0.268	10.53	137.3813987
0.217	12.37	138.2056099	18.8	0.296	14.13	139.1383422

18.89	0.407	116.7	156.9164217	156.4015055	Yes
18.88	0.435	131.6	186.3453391	172.2614127	Yes
18.9	0.386	146.7	163.7633675	141.1296335	Yes
18.92	0.387	154.1	151.7450728	148.5355837	Yes
18.91	0.463	169.8	138.0276292	137.5629449	Yes
18.88	0.616	182.1	135.475212	141.8898242	Yes
18.9	0.759	193.5	138.7879636	140.9500853	Yes
18.93	0.732	200.1	143.4232201	138.6961327	Yes
18.97	0.723	197.2	141.1176841	137.9405859	Yes
18.98	0.629	190.9	137.5349652	137.6167857	Yes
18.97	0.506	177.9	135.6313781	156.2717316	Yes
18.96	0.546	165	140.8336095	168.7642333	Yes
18.95	0.531	157.9	147.1426245	170.9223275	Yes
18.96	0.58	143.8	169.8197457	185.2670771	Yes
18.95	0.629	136.9	188.2914027	170.5290366	Yes
18.94	0.535	143.9	169.5961403	176.5126645	Yes
18.94	0.356	146.7	163.7633675	158.6378787	Yes
18.93	0.287	163.8	141.7100752	136.6853116	Yes
18.92	0.204	176.6	135.8278372	138.3745442	Yes
18.92	0.272	151.8	155.0123664	173.6878941	Yes
18.93	0.478	144.9	167.4198452	181.876116	Yes
18.94	0.57	139.4	180.8458047	175.2651497	Yes
18.94	0.584	127.1	175.0703199	149.9062319	Yes
18.95	0.63	115.5	155.3774631	143.0758377	Yes
18.96	0.636	107.7	147.5733027	141.7471139	Yes
18.98	0.609	97.4	142.1888102	142.5585448	Yes
19	0.602	94.2	141.5094486	144.0061371	Yes
18.99	0.562	88.9	141.3609132	142.6909647	Yes
18.98	0.514	84.7	142.105983	150.3059641	Yes
18.97	0.463	84.6	142.1331484	149.0652275	Yes
18.97	0.409	80.7	143.5434164	155.7020429	Yes
18.96	0.367	67.03	154.4888557	189.6943949	Yes
18.96	0.402	64.77	157.3571577	168.4172438	Yes
18.96	0.34	55.03	174.3383134	141.9714825	Yes
18.96	0.334	63.98	158.4438473	176.7214621	Yes
18.97	0.206	32.08	158.3148691	151.6327931	Yes
18.97	0.194	25.32	148.7530351	167.2670965	Yes
18.98	0.222	20.35	143.6428478	146.4877443	Yes
18.99	0.264	6.948	136.2036125	140.2987023	Yes
19	0.298	9.75	137.0774759	136.8610705	Yes
19.01	0.287	10.43	137.3409357	151.7933145	Yes
19.03	0.304	22.65	145.8269885	177.8277969	Yes
19.04	0.371	19.78	143.1470444	155.7633181	Yes
19.03	0.426	24.28	147.5612848	143.106762	Yes
19.01	0.423	6.442	136.0815899	137.3651842	Yes
19	0.331	10.31	137.2929634	144.8527647	Yes
18.98	0.259	9.97	137.1604885	143.0425402	Yes
18.95	0.225	8.57	136.6682408	140.8303192	Yes
18.93	0.29	12.77	138.40504	139.1691437	Yes
18.91	0.316	14.6	139.411891	137.8713524	Yes
18.91	0.357	13.9	139.008273	138.8858126	Yes

7/30/2019	23:39	18.69	0.026
7/30/2019	23:40	18.67	0.028
7/30/2019	23:41	18.65	0.021
7/30/2019	23:42	18.62	0.015
7/30/2019	23:43	18.6	0.043
7/30/2019	23:44	18.57	0.045
7/30/2019	23:45	18.53	0.047
7/30/2019	23:46	18.49	0.018
7/30/2019	23:47	18.46	0.017
7/30/2019	23:48	18.44	0.039
7/30/2019	23:49	18.43	0.044
7/30/2019	23:50	18.43	0.039
7/30/2019	23:51	18.42	0.054
7/30/2019	23:52	18.41	0.067
7/30/2019	23:53	18.41	0.047
7/30/2019	23:54	18.4	0.045
7/30/2019	23:55	18.41	0.038
7/30/2019	23:56	18.4	0.045
7/30/2019	23:57	18.37	0.092
7/30/2019	23:58	18.31	0.104
7/30/2019	23:59	18.28	0.056
7/31/2019	0:00	18.26	0.061
7/31/2019	0:01	18.25	0.081
7/31/2019	0:02	18.23	0.071
7/31/2019	0:03	18.2	0.081
7/31/2019	0:04	18.18	0.077
7/31/2019	0:05	18.16	0.089
7/31/2019	0:06	18.14	0.083
7/31/2019	0:07	18.13	0.053
7/31/2019	0:08	18.12	0.059
7/31/2019	0:09	18.12	0.05
7/31/2019	0:10	18.13	0.06
7/31/2019	0:11	18.12	0.062
7/31/2019	0:12	18.12	0.045
7/31/2019	0:13	18.13	0.061
7/31/2019	0:14	18.13	0.066
7/31/2019	0:15	18.11	0.038
7/31/2019	0:16	18.1	0.051
7/31/2019	0:17	18.08	0.058
7/31/2019	0:18	18.07	0.054
7/31/2019	0:19	18.05	0.077
7/31/2019	0:20	18.04	0.094
7/31/2019	0:21	18.01	0.1
7/31/2019	0:22	17.97	0.128
7/31/2019	0:23	17.95	0.141
7/31/2019	0:24	17.94	0.116
7/31/2019	0:25	17.93	0.098
7/31/2019	0:26	17.92	0.06
7/31/2019	0:27	17.91	0.049
7/31/2019	0:28	17.9	0.033
7/31/2019	0:29	17.9	0.044

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357	135.759882	18.57
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294	153.5893653	18.51
291	150.437296	18.48
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163.3	142.096964	18.29
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220.3	175.2809825	18.25
234.9	174.6252563	18.22
244.6	157.5872152	18.18
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227.2	195.4097096	18.12
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256.1	146.1226545	18.1
251.5	149.7788447	18.1
247.2	154.2869623	18.1
263.5	142.4613373	18.09
241.5	162.1585863	18.09
254.8	147.041908	18.09
262.5	142.8067836	18.1
274.7	141.5860815	18.12
281.9	143.9189973	18.14
254.4	147.3423991	18.15
242.3	160.9083592	18.15
257.2	145.4118964	18.14
260	143.8704074	18.12
226.9	194.9814553	18.11
247.8	153.5893653	18.09
242	161.3712442	18.07
238	168.2604307	18.05
249.3	151.9449052	18.02
240.8	163.294883	17.98
265.6	141.8813857	17.94
267.5	141.5239064	17.92
274.7	141.5860815	17.91
264.4	142.1888102	17.89
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241.4	162.3184643	17.87
183	135.5365272	17.85
128	177.1284437	17.82

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0.108	57.12
0.095	28.35
0.084	318.3
0.091	313.6
0.126	317.9
0.149	346.9
0.076	50.9
0.125	91.7
0.121	109.2
0.087	115
0.106	133.1
0.142	118.5
0.127	107.4
0.15	117.9
0.139	132.7
0.109	184.7
0.206	222
0.217	217.2
0.161	205.1
0.19	205.6
0.2	225.3
0.244	235.5
0.242	234.8
0.291	237.7
0.302	236.1
0.276	237.1
0.259	238.3
0.188	252.6
0.181	254.1
0.202	272.9
0.221	272.4
0.233	259
0.143	236.3
0.121	238.3
0.131	244
0.151	246.7
0.149	244.7
0.135	244.3
0.216	233.8
0.202	225.9
0.249	229.8
0.307	243
0.325	244.2
0.29	245.9
0.252	241.4
0.174	216.5
0.147	205.7
0.1	153.3
0.116	127.2

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179.9200264	18.67
169.9692456	18.66
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184.0049395	18.64
192.2329492	18.62
185.1983516	18.59
139.5919783	18.59
184.4211537	18.59
141.2885722	18.58
148.8003043	18.56
154.7650203	18.54
190.7045403	18.51
159.4157407	18.52
147.3423991	18.54
158.5564148	18.56
189.5095215	18.6
135.7439374	18.61
179.7400211	18.57
168.0614801	18.47
148.4952449	18.44
149.0856146	18.41
189.5740787	18.41
173.3161361	18.37
174.8472386	18.34
168.8346381	18.35
172.0452245	18.33
170.0089535	18.29
167.6946976	18.26
148.8003043	18.26
147.5733027	18.28
141.3609132	18.29
141.3232279	18.29
144.3776216	18.29
171.6298847	18.28
167.6946976	18.27
158.4157786	18.25
154.8861795	18.22
157.451638	18.2
157.9982448	18.17
177.1284437	18.15
191.5488631	18.13
187.4756675	18.09
159.8555038	18.06
158.1366964	18.04
155.8794948	18.02
162.3184643	17.99
166.5789856	17.96
149.2056183	17.95
152.8379067	17.93
175.2945059	17.91

0.183	26.55	150.2520729	18.8	0.277	19.06	142.5457208
0.145	42.73	181.775077	18.8	0.269	33.55	160.8650951
0.12	43.71	184.6284345	18.79	0.263	34.12	161.9051529
0.173	19.17	142.6358061	18.79	0.27	22.37	145.5449609
0.147	347	139.5314724	18.78	0.241	355.7	136.0052434
0.14	337	148.1486618	18.77	0.244	350.8	137.577514
0.167	323.9	169.5961403	18.76	0.271	343.3	142.096964
0.225	344.5	141.1899582	18.76	0.335	344.7	141.0459134
0.104	14.42	139.3058929	18.77	0.254	357.2	135.7284098
0.101	59.96	164.7123499	18.77	0.221	39.26	172.7341562
0.136	103.5	144.7611164	18.76	0.196	59.53	165.4613667
0.144	106.9	146.9680947	18.75	0.18	70.84	150.3989088
0.206	128.8	179.0364331	18.75	0.206	100	143.0755769
0.222	122.8	166.4069628	18.75	0.262	105.9	146.2584353
0.195	115.9	155.8794948	18.75	0.249	101.6	143.7746389
0.201	124.4	169.4174385	18.75	0.251	108	147.8089898
0.231	144.9	167.4198452	18.76	0.279	132.7	189.5095215
0.181	172.5	136.9142707	18.77	0.196	147.2	162.8040494
0.341	218.5	170.9545255	18.74	0.351	202.4	145.5749597
0.369	222.9	182.2598979	18.67	0.44	208.2	152.4227699
0.287	212	158.1813694	18.67	0.4	197.4	141.262737
0.293	214.7	162.994021	18.69	0.443	202.2	145.3759529
0.331	226.7	194.2803784	18.69	0.483	215.8	165.1468514
0.374	234.6	175.2945059	18.67	0.544	220.9	176.811543
0.435	237.9	168.4508857	18.69	0.58	226.9	194.9814553
0.444	240	164.6434892	18.7	0.564	229.1	189.5095215
0.458	240	164.6434892	18.67	0.58	229.1	189.5095215
0.461	243.1	159.7081601	18.6	0.558	230.6	185.2375331
0.407	243.2	159.5615734	18.54	0.51	230.8	184.6919171
0.333	249.9	151.3257947	18.52	0.407	234.3	175.9737479
0.301	253.9	147.7298938	18.53	0.377	237.8	168.6422867
0.222	267.4	141.5387984	18.5	0.291	250.4	150.8262993
0.227	266.9	141.6197787	18.48	0.285	256.8	145.663343
0.244	256	146.1902907	18.46	0.283	249.6	151.6326395
0.286	244.4	157.8605159	18.43	0.335	234.7	175.0703199
0.283	241.4	162.3184643	18.41	0.306	227.7	193.8009328
0.259	247.1	154.4054945	18.39	0.308	232.5	180.2679334
0.281	249.8	151.4274771	18.36	0.371	233.5	177.8350956
0.295	248.9	152.3697801	18.34	0.331	235	174.4043676
0.284	250.4	150.8262993	18.31	0.332	236.8	170.6093072
0.368	240.7	163.4605101	18.31	0.422	228.9	190.1039947
0.383	235.9	172.4646859	18.29	0.439	224.3	186.4164902
0.417	239.4	165.6909983	18.26	0.475	228.2	192.2329492
0.529	249.4	151.8402112	18.24	0.548	239	166.4069628
0.546	250.6	150.6306288	18.22	0.562	241.1	162.802978
0.494	251.5	149.7788447	18.17	0.511	243.3	159.4157407
0.419	249.3	151.9449052	18.12	0.434	239.3	165.8686538
0.293	234.1	176.4322033	18.09	0.36	224.8	187.9748679
0.23	219.1	172.3538995	18.07	0.287	212.3	158.684756
0.17	170.1	137.8878733	18.04	0.215	181.6	135.4556091
0.166	142	174.0400802	18.02	0.204	166.2	140.0289626

18.91	0.338	19.98	143.3190054	149.6250789	Yes
18.9	0.327	33.18	160.2055372	164.5800201	Yes
18.9	0.307	35.25	164.0558153	172.167611	Yes
18.89	0.286	24.56	147.875471	146.9367667	Yes
18.88	0.26	7.15	136.2553557	153.2827552	Yes
18.88	0.299	3.022	135.5384455	157.0991052	Yes
18.88	0.322	354.7	136.2423866	163.7570381	Yes
18.88	0.377	353.6	136.5523328	140.6092833	Yes
18.89	0.3	7.321	136.3005135	153.1518188	Yes
18.9	0.279	25.06	148.4487048	165.8567489	Yes
18.9	0.238	41.85	179.3310759	161.768057	Yes
18.89	0.267	48.15	192.387947	148.5968435	Yes
18.88	0.224	77.22	145.3995328	163.7283786	Yes
18.87	0.273	94.8	141.6027124	160.6445946	Yes
18.85	0.258	92	141.30084	159.636349	Yes
18.84	0.232	99.6	142.919245	158.9179676	Yes
18.83	0.226	137.2	187.3466876	170.6834473	Yes
18.83	0.183	146.5	164.1537804	152.68581	Yes
18.82	0.242	196.6	140.6945686	167.7236906	Yes
18.79	0.324	217.6	168.9319213	165.0828408	Yes
18.77	0.274	197.4	141.262737	159.1420983	Yes
18.78	0.321	201.6	144.7927354	163.2163245	Yes
18.78	0.397	218.7	171.416365	176.2202008	Yes
18.81	0.534	228.5	191.3112307	168.061054	Yes
18.84	0.559	233.8	177.1284437	171.1005585	Yes
18.88	0.627	234.6	175.2945059	168.1916234	Yes
18.9	0.686	234.8	174.8472386	170.1212994	Yes
18.93	0.726	235.8	172.6759748	164.353996	Yes
18.93	0.765	235.9	172.4646859	168.5266936	Yes
18.94	0.687	239	166.4069628	155.7854387	Yes
18.94	0.643	240.3	164.1314071	151.6880667	Yes
18.87	0.563	246.8	154.7650203	143.8280231	Yes
18.79	0.439	256.5	145.8571712	143.1313367	Yes
18.72	0.481	256	146.1902907	147.3857377	Yes
18.67	0.526	244.2	158.1366964	166.3672699	Yes
18.65	0.535	236.9	170.4081994	167.3064978	Yes
18.61	0.525	240.1	164.4719393	159.2399035	Yes
18.57	0.537	242.7	160.3021067	169.7825519	Yes
18.54	0.53	243.1	159.7081601	159.4537877	Yes
18.53	0.504	243.4	159.2706591	160.2012739	Yes
18.54	0.579	243.4	159.2706591	174.7383448	Yes
18.51	0.579	243.6	158.9827372	175.5937361	Yes
18.48	0.627	247.2	154.2869623	177.1736245	Yes
18.45	0.735	252.6	148.8003043	154.9960159	Yes
18.44	0.811	251.6	149.6870709	153.2735524	Yes
18.39	0.752	251.9	149.4151502	151.6650404	Yes
18.31	0.636	248.6	152.6948941	155.5802084	Yes
18.26	0.515	237.1	170.0089535	180.8864488	Yes
18.22	0.377	226.9	194.9814553	160.6406846	Yes
18.19	0.277	205.8	149.3262707	140.4294791	Yes
18.16	0.237	190.5	137.3692134	166.6229981	Yes

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7/31/2019	0:34	17.87	0.044
7/31/2019	0:35	17.86	0.016
7/31/2019	0:36	17.85	0.041
7/31/2019	0:37	17.83	0.051
7/31/2019	0:38	17.83	0.027
7/31/2019	0:39	17.83	0.022
7/31/2019	0:40	17.84	0.053
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7/31/2019	0:44	17.9	0.021
7/31/2019	0:45	17.92	0.07
7/31/2019	0:46	17.96	0.051
7/31/2019	0:47	17.98	0.065
7/31/2019	0:48	18.01	0.073
7/31/2019	0:49	18.04	0.082
7/31/2019	0:50	18.06	0.097
7/31/2019	0:51	18.09	0.082
7/31/2019	0:52	18.11	0.079
7/31/2019	0:53	18.14	0.073
7/31/2019	0:54	18.16	0.051
7/31/2019	0:55	18.19	0.066
7/31/2019	0:56	18.21	0.045
7/31/2019	0:57	18.23	0.046
7/31/2019	0:58	18.25	0.046
7/31/2019	0:59	18.28	0.052
7/31/2019	1:00	18.32	0.037
7/31/2019	1:01	18.36	0.043
7/31/2019	1:02	18.39	0.066
7/31/2019	1:03	18.41	0.059
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7/31/2019	1:16	18.4	0.066
7/31/2019	1:17	18.39	0.065
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7/31/2019	1:19	18.36	0.079
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84.9	142.0529811	18.17
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354.3	136.3491176	18.39
353.9	136.4626721	18.4
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326.5	164.1537804	18.41
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316.1	190.8837175	18.41
312.7	189.5095215	18.4
319.7	180.0143756	18.38
315.3	193.5866754	18.37
329.3	159.0245589	18.35
323.8	169.8197457	18.34
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0.176	345.7
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0.082	338.9
0.039	128.4
0.099	134.3
0.18	103.2
0.11	99.8
0.058	68.21
0.032	42.81
0.16	61.61
0.147	42.2
0.222	38.96
0.224	53.9
0.217	61.63
0.212	60.54
0.175	74.22
0.172	64.52
0.218	62.38
0.171	79.08
0.148	100.7
0.11	97.7
0.092	91
0.126	52.75
0.114	33.55
0.197	11.19
0.247	352.3
0.253	353.1
0.279	351.5
0.271	358.1
0.211	0.08
0.164	2.127
0.126	351.2
0.131	338.3
0.16	333.5
0.167	313.2
0.251	316.3
0.272	315.1
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0.283	317.7
0.352	332.3
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0.367	344.3
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0.325	356.7
0.363	358.2

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162.6406568	17.9
135.7061941	17.89
136.1722138	17.87
150.0639356	17.84
140.355632	17.82
150.9548471	17.79
163.9580918	17.78
146.0826775	17.78
178.0729882	17.77
194.4394783	17.78
144.5938692	17.8
142.996497	17.82
153.1259145	17.84
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161.9836532	17.86
180.290119	17.9
172.0236439	17.94
176.8952147	17.96
161.9519518	17.98
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144.3352933	18.14
143.3668232	18.17
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179.6483627	18.26
160.8650951	18.29
137.6595851	18.32
136.9857152	18.34
136.7103661	18.36
137.2889944	18.37
135.6073966	18.38
135.4593725	18.41
135.4765643	18.42
137.4099861	18.43
146.7114396	18.45
152.5604335	18.46
191.0071128	18.46
190.2254851	18.46
194.2803784	18.47
185.5005447	18.45
185.8042924	18.44
154.2689366	18.42
149.9393426	18.4
141.3360215	18.39
137.328883	18.38
135.8102214	18.36
135.5960285	18.32

0.144	131.9	187.1909456	18.01	0.167	152.4	154.1225109
0.128	113.8	153.3619607	18	0.145	142	174.0400802
0.066	23.09	146.2794669	17.99	0.026	136.3	190.2254851
0.149	10.13	137.2221959	17.97	0.118	12.14	138.0942421
0.198	339.6	145.3759529	17.95	0.196	347.7	139.1212357
0.232	345.4	140.557513	17.94	0.274	347.9	139.008273
0.142	332.5	153.9768314	17.92	0.236	339	145.9799608
0.153	323.1	171.416365	17.91	0.219	328.8	159.8890273
0.114	336.1	149.2056183	17.91	0.173	339.5	145.4751667
0.045	126.2	173.1016948	17.9	0.056	45.86	191.4152766
0.204	128.5	178.312062	17.89	0.153	126.4	173.5316387
0.274	103.4	144.7048835	17.89	0.253	103.8	144.932729
0.236	100.6	143.3238336	17.91	0.18	97.8	142.3054699
0.1	86.1	141.7720144	17.93	0.081	95.6	141.7514553
0.05	143.6	170.2702897	17.93	0.032	111.9	151.3257947
0.239	71.44	149.8341822	17.94	0.179	57.65	168.9311715
0.216	54.95	174.5146756	17.98	0.191	45.93	191.6492366
0.329	42.7	181.6899539	18.01	0.346	36.17	165.8976688
0.308	57.99	168.2794337	18.02	0.334	43.16	183.009539
0.323	71.56	149.7237122	18.04	0.288	55.24	173.8786634
0.279	62.27	160.9543298	18.06	0.293	49.04	189.6872301
0.298	78.4	144.7048835	18.09	0.275	63.85	158.6270078
0.26	72.74	148.6805999	18.12	0.234	58.35	167.6012245
0.296	66.92	154.6205005	18.15	0.263	52.46	180.3677807
0.202	82.9	142.6631883	18.19	0.194	77.95	144.9617573
0.224	98.2	142.4292686	18.23	0.176	102.6	144.2723744
0.214	102.9	144.4309631	18.27	0.185	99.1	142.7340803
0.122	100.8	143.4102756	18.3	0.107	110.7	150.1516501
0.17	53.14	178.6970525	18.32	0.159	44.03	185.5915053
0.191	39.16	172.4961418	18.34	0.203	40.42	175.5834333
0.245	6.95	136.2041163	18.37	0.308	11.12	137.6291609
0.315	349.9	137.9805921	18.38	0.367	353.5	136.5830783
0.346	353.9	136.4626721	18.4	0.44	357.1	135.7439374
0.365	352.1	137.0589052	18.41	0.49	354.6	136.2684311
0.432	355.1	136.1424529	18.43	0.523	356	135.9423289
0.376	0.884	135.4455053	18.46	0.513	0.281	135.4534048
0.321	0.248	135.4542702	18.47	0.373	354.8	136.2167669
0.307	355.2	136.1185285	18.5	0.366	352.9	136.7766005
0.237	341.6	143.5106627	18.52	0.32	347.7	139.1212357
0.194	334.7	150.9548471	18.53	0.371	345.9	140.2234999
0.246	322	174.0400802	18.53	0.359	328	161.3176459
0.315	319.4	180.8458047	18.54	0.464	322.6	172.5912057
0.3	316.3	190.2254851	18.55	0.507	322	174.0400802
0.427	321	176.5532489	18.53	0.531	324.8	167.6326681
0.42	324.7	167.8465446	18.52	0.533	327.2	162.8040494
0.489	333.4	152.6988115	18.5	0.627	336.3	148.9662571
0.469	338.8	146.1859844	18.5	0.724	337.1	148.034394
0.528	345.6	140.4224336	18.5	0.705	345.2	140.6945686
0.444	352.2	137.0220917	18.53	0.632	347.7	139.1212357
0.471	0.575	135.447679	18.54	0.597	357.6	135.6704665
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18.13	0.212	179.9	135.4661321	170.4408033	Yes
18.1	0.225	180.7	135.4463252	161.2019295	Yes
18.09	0.138	199.5	142.9099119	157.4037154	Yes
18.07	0.076	14.27	139.2187331	137.1628839	Yes
18.03	0.138	320.5	177.8577632	147.3315361	Yes
18.03	0.222	335.7	149.6921424	139.973806	Yes
18.03	0.205	332.7	153.6876994	151.1827404	Yes
18.03	0.243	325.8	165.5509953	161.8020973	Yes
18.03	0.218	337.4	147.6953406	147.1431131	Yes
18.01	0.057	338.6	146.3943767	180.2255054	Yes
17.99	0.133	127.3	175.5198021	175.5406685	Yes
17.97	0.26	101.3	143.6345036	145.0885341	Yes
18	0.272	101.8	143.8704074	142.6897372	Yes
18.01	0.167	104.4	145.2891508	145.5497947	Yes
18.01	0.057	124.5	169.6136358	163.9653585	Yes
18.01	0.17	74.35	147.3805523	156.576128	Yes
18.03	0.222	59.39	165.708724	181.5440842	Yes
18.04	0.42	50.62	185.1827249	166.4935582	Yes
18.07	0.429	60.03	164.591934	174.0826993	Yes
18.09	0.427	71.48	149.7972677	158.6123612	Yes
18.12	0.392	65.89	155.8921846	173.2664662	Yes
18.14	0.453	76.17	146.0756111	149.4267658	Yes
18.16	0.367	71	150.2462872	157.8506559	Yes
18.19	0.336	72.92	148.5282787	165.8019881	Yes
18.21	0.292	84.3	142.2173074	143.503305	Yes
18.25	0.258	102.2	144.0675996	147.1915627	Yes
18.28	0.281	94.8	141.6027124	142.8734153	Yes
18.31	0.118	100.8	143.4102756	145.141098	Yes
18.32	0.217	68.76	152.5208072	184.7119834	Yes
18.35	0.25	57.14	169.9295769	163.8954115	Yes
18.37	0.301	25.2	148.6120398	137.0426899	Yes
18.38	0.37	2.235	135.4822748	136.9415381	Yes
18.4	0.457	2.982	135.5349725	137.2205161	Yes
18.41	0.531	357.5	135.6843278	137.1146302	Yes
18.45	0.626	355.8	135.9838512	136.6065573	Yes
18.5	0.61	359	135.5200067	135.67685	Yes
18.53	0.5	353.5	136.5830783	135.9025684	Yes
18.56	0.477	349.7	138.0751192	136.4970095	Yes
18.58	0.462	347.6	139.1784222	148.3742796	Yes
18.58	0.502	351.9	137.1338452	152.7367128	Yes
18.58	0.424	326.9	163.3767931	173.9946187	Yes
18.61	0.54	323.1	171.416365	182.8560813	Yes
18.62	0.576	321.7	174.7809062	187.3574153	Yes
18.61	0.674	326.2	164.7466785	179.7989958	Yes
18.62	0.73	329.5	158.684756	174.1173155	Yes
18.64	0.789	339.3	145.6753339	162.3801702	Yes
18.72	0.84	343	142.3353263	150.79607	Yes
18.78	0.84	350.3	137.796957	148.0681924	Yes
18.84	0.812	357	135.759882	137.9478996	Yes
18.87	0.756	4.321	135.6872915	135.636707	Yes
18.87	0.748	359.6	135.4803714	135.8733739	Yes

7/31/2019	1:21	18.31	0.049
7/31/2019	1:22	18.28	0.062
7/31/2019	1:23	18.25	0.1
7/31/2019	1:24	18.21	0.122
7/31/2019	1:25	18.18	0.115
7/31/2019	1:26	18.15	0.157
7/31/2019	1:27	18.14	0.144
7/31/2019	1:28	18.12	0.159
7/31/2019	1:29	18.11	0.193
7/31/2019	1:30	18.09	0.108
7/31/2019	1:31	18.07	0.168
7/31/2019	1:32	18.05	0.137
7/31/2019	1:33	18.04	0.148
7/31/2019	1:34	18.03	0.077
7/31/2019	1:35	18.02	0.087
7/31/2019	1:36	18.01	0.068
7/31/2019	1:37	18	0.052
7/31/2019	1:38	17.98	0.088
7/31/2019	1:39	17.96	0.086
7/31/2019	1:40	17.94	0.068
7/31/2019	1:41	17.93	0.032
7/31/2019	1:42	17.92	0.022
7/31/2019	1:43	17.91	0.019
7/31/2019	1:44	17.89	0.053
7/31/2019	1:45	17.88	0.065
7/31/2019	1:46	17.86	0.049
7/31/2019	1:47	17.84	0.034
7/31/2019	1:48	17.84	0.078
7/31/2019	1:49	17.83	0.075
7/31/2019	1:50	17.82	0.095
7/31/2019	1:51	17.8	0.112
7/31/2019	1:52	17.79	0.107
7/31/2019	1:53	17.77	0.099
7/31/2019	1:54	17.75	0.05
7/31/2019	1:55	17.74	0.033
7/31/2019	1:56	17.72	0.023
7/31/2019	1:57	17.71	0.026
7/31/2019	1:58	17.7	0.062
7/31/2019	1:59	17.7	0.051
7/31/2019	2:00	17.7	0.043
7/31/2019	2:01	17.69	0.054
7/31/2019	2:02	17.68	0.041
7/31/2019	2:03	17.67	0.041
7/31/2019	2:04	17.65	0.068
7/31/2019	2:05	17.63	0.043
7/31/2019	2:06	17.61	0.036
7/31/2019	2:07	17.59	0.048
7/31/2019	2:08	17.57	0.062
7/31/2019	2:09	17.55	0.081
7/31/2019	2:10	17.53	0.056
7/31/2019	2:11	17.52	0.089

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9.47	136.9748873	18.11
3.247	135.5592154	18.09
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12.69	138.3645683	18.06
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27.71	151.7584546	18.04
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23.97	147.2190813	18
17.69	141.4766601	18
29.97	154.9672254	17.99
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55.72	172.8457586	17.95
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51	184.1517432	17.7
		17.68
		17.65
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263	142.6284203	17.63
280.6	143.3238336	17.63
355.8	135.9838512	17.63
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89.5	141.3169846	17.48

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0.449	19.38
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0.379	21.48
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0.261	33.51
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0.267	42.37
0.231	46.75
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0.159	56.34
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0.108	353.8
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0.215	326.6
0.271	329.5
0.33	343.6
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0.358	12.85
0.357	20.44
0.24	30.87
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0.15	50.51
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0.113	328.7
0.125	355.2
0.158	355.4
0.225	354.3
0.151	38.42
0.203	40.21
0.192	60.06
0.152	76.4
0.125	82.6

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140.5847658	18.22
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147.4945906	18.15
160.7932062	18.14
174.8306896	18.13
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180.7188136	18.05
164.6262955	18.04
171.5473078	18.02
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136.4921301	18
159.3677662	17.98
163.9580918	17.98
158.684756	17.98
141.8632814	17.98
135.5051412	17.99
135.8292646	17.99
138.4458054	17.97
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156.3517481	17.94
165.4293329	17.91
185.4848522	17.89
156.4573193	17.86
141.2885722	17.84
138.1230627	17.81
164.3504379	17.78
191.6169031	17.76
148.3777321	17.75
147.3423991	17.77
141.2748	17.79
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136.1185285	17.8
136.0719483	17.79
136.3491176	17.79
170.7710674	17.77
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164.5404562	17.71
145.922785	17.69
142.7702052	17.68

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0.544	12	138.0276292	18.6	0.734	10	137.171973
0.587	14.42	139.3058929	18.61	0.788	11.52	137.8059677
0.589	14.93	139.6102233	18.57	0.813	11.45	137.7745088
0.697	13.37	138.7179677	18.55	0.808	11.97	138.0134706
0.619	14.19	139.1726823	18.54	0.828	15.15	139.7453369
0.625	16.3	140.4897269	18.53	0.804	14.47	139.3351827
0.659	15.11	139.7205981	18.53	0.783	15.54	139.9905802
0.517	20.13	143.4493958	18.51	0.643	13.29	138.6752831
0.548	23.29	146.48893	18.49	0.693	19.06	142.5457208
0.574	23.94	147.1862774	18.46	0.657	17.36	141.2335648
0.513	21.7	144.8885107	18.45	0.62	18.11	141.7940838
0.369	33.37	160.5427158	18.43	0.495	23.42	146.6263621
0.324	34.89	163.3575645	18.4	0.444	24.69	148.0230018
0.27	40.66	176.1938024	18.37	0.447	28.49	152.8239649
0.325	45.5	190.2254851	18.34	0.45	31.13	156.7635742
0.389	47.14	195.6055639	18.32	0.494	35.81	165.166964
0.388	55.65	172.9948704	18.29	0.489	39.17	172.5198901
0.331	59.17	166.1009338	18.27	0.424	41.47	178.3088067
0.245	60.07	164.5233141	18.25	0.336	38.05	169.931964
0.178	36.46	166.4958094	18.24	0.326	23.12	146.3107346
0.144	4.898	135.7759128	18.22	0.269	8.3	136.5830783
0.235	335	150.5689831	18.19	0.284	349.2	138.3193881
0.329	325.6	165.9591491	18.18	0.425	342.8	142.4968525
0.437	328.6	160.24088	18.2	0.594	338.9	146.0826775
0.535	341.5	143.5986496	18.23	0.732	346.8	139.6529623
0.59	357.6	135.6704665	18.28	0.782	356	135.9423289
0.565	3.111	135.5464105	18.3	0.75	1.219	135.4475993
0.505	10.95	137.5561839	18.28	0.726	7.37	136.3136829
0.503	19.83	143.1898324	18.27	0.645	14.05	139.0928189
0.412	31.38	157.1646719	18.23	0.512	19.53	142.9351182
0.38	37.46	168.6253077	18.19	0.508	24.59	147.9094229
0.262	52.68	179.8210679	18.16	0.389	28.48	152.8100302
0.236	64.86	157.2361941	18.12	0.279	39.11	172.3775771
0.142	69.67	151.5605593	18.09	0.232	36.23	166.0207205
0.063	130.9	184.4211537	18.06	0.102	43.72	184.6582921
0.101	229.1	189.5095215	18.02	0.053	11.58	137.8331076
0.156	243.4	159.2706591	17.98	0.056	321.1	176.2962446
0.167	264.2	142.2462495	17.95	0.135	298.1	158.8398912
0.226	267.2	141.5698857	17.95	0.209	283.9	144.9909076
0.197	283.5	144.7611164	17.96	0.244	313.4	191.6169031
0.201	326.5	164.1537804	17.98	0.294	339.8	145.1792559
0.287	350.7	137.6205085	17.99	0.278	355.4	136.0719483
0.275	356.2	135.9024875	18.01	0.352	357.7	135.6570213
0.27	354.2	136.3768654	18.04	0.498	358.4	135.5745369
0.287	30.85	156.320292	18.04	0.428	13.42	138.7447963
0.337	39.87	174.2119505	18.03	0.482	23.55	146.7648086
0.34	56.46	171.3005536	18.02	0.445	33.62	160.9912443
0.331	75.26	146.7066747	18.01	0.397	50.73	184.8822606
0.332	78.18	144.8292362	17.98	0.381	50.48	185.5675405

18.89	0.833	1.719	135.4593387	136.351178	Yes
18.87	0.81	7.766	136.4238695	135.7201203	Yes
18.88	0.935	11.85	137.9572431	137.3095707	Yes
18.9	1.045	15.28	139.8262694	138.6422166	Yes
18.85	0.955	18.35	141.97954	139.175743	Yes
18.82	1.022	17.8	141.5589225	138.7708928	Yes
18.8	0.973	20.74	143.9922988	140.6920333	Yes
18.77	0.935	19.89	143.2413559	139.7786332	Yes
18.76	0.957	17.57	141.3876223	142.2104786	Yes
18.74	0.876	22.22	145.3957494	144.5699462	Yes
18.7	0.82	22.79	145.9697216	145.3951476	Yes
18.68	0.914	24.41	147.7065521	145.0793692	Yes
18.67	0.747	24.36	147.6505563	143.9134613	Yes
18.64	0.676	29.48	154.2395916	155.7323773	Yes
18.59	0.574	30.61	155.9452829	164.366364	Yes
18.55	0.59	32.59	159.1785791	178.0720866	Yes
18.52	0.621	37.75	169.2627991	175.1492277	Yes
18.49	0.695	42.2	180.290119	182.2547826	Yes
18.47	0.689	43.45	183.857472	174.4400658	Yes
18.46	0.632	46.55	193.7594151	167.4099296	Yes
18.44	0.558	42.72	181.7466883	163.5578845	Yes
18.43	0.449	30.9	156.3989918	157.8785589	Yes
18.4	0.374	17.46	141.3066469	136.2837071	Yes
18.37	0.393	356.7	135.8102214	150.4045245	Yes
18.36	0.513	347.9	139.008273	157.5344001	Yes
18.37	0.665	343.5	141.9406579	157.4993722	Yes
18.4	0.819	350.3	137.796957	142.5735373	Yes
18.48	1.012	359.2	135.5051412	137.3633157	Yes
18.52	0.994	5.733	135.928795	135.5699121	Yes
18.52	0.954	13.52	138.7988019	137.5069807	Yes
18.52	0.841	18.13	141.809425	141.8170343	Yes
18.48	0.747	22.08	145.2576584	152.3783741	Yes
18.44	0.661	28.29	152.546635	168.9174448	Yes
18.41	0.569	30.65	156.0074694	172.5402937	Yes
18.37	0.526	37.93	169.6631058	167.5557084	Yes
18.33	0.372	32.44	158.9222619	152.9566174	Yes
18.28	0.232	27.52	151.505392	169.0675028	Yes
18.25	0.163	24.22	147.4945906	163.0363939	Yes
18.21	0.148	355.9	135.9628798	169.5272056	Yes
18.18	0.183	329.3	159.0245589	148.5991505	Yes
18.16	0.256	312.6	189.2145397	143.8496543	Yes
18.16	0.335	327	163.184934	155.0703099	Yes
18.19	0.373	345.8	140.2893212	153.1803466	Yes
18.2	0.447	355.9	135.9628798	136.4487091	Yes
18.23	0.443	2.466	135.4961067	136.4752699	Yes
18.27	0.583	4.156	135.6644994	136.0111143	Yes
18.3	0.588	17.95	141.6720949	164.6494298	Yes
18.31	0.665	27.55	151.5451824	168.705673	Yes
18.31	0.632	36.35	166.2679199	162.3058839	Yes
18.29	0.561	51.12	183.8302256	154.7140663	Yes
18.26	0.578	51.64	182.4590559	153.6209916	Yes

7/31/2019	2:12	17.51	0.077
7/31/2019	2:13	17.51	0.109
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7/31/2019	2:17	17.57	0.148
7/31/2019	2:18	17.56	0.12
7/31/2019	2:19	17.55	0.148
7/31/2019	2:20	17.54	0.152
7/31/2019	2:21	17.53	0.167
7/31/2019	2:22	17.53	0.213
7/31/2019	2:23	17.54	0.166
7/31/2019	2:24	17.55	0.164
7/31/2019	2:25	17.59	0.204
7/31/2019	2:26	17.59	0.123
7/31/2019	2:27	17.58	0.138
7/31/2019	2:28	17.57	0.098
7/31/2019	2:29	17.56	0.162
7/31/2019	2:30	17.56	0.149
7/31/2019	2:31	17.55	0.066
7/31/2019	2:32	17.54	0.088
7/31/2019	2:33	17.52	0.046
7/31/2019	2:34	17.5	0.038
7/31/2019	2:35	17.48	0.035
7/31/2019	2:36	17.47	0.052
7/31/2019	2:37	17.44	0.073
7/31/2019	2:38	17.42	0.053
7/31/2019	2:39	17.39	0.052
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7/31/2019	3:00	16.99	0.06
7/31/2019	3:01	16.97	0.068
7/31/2019	3:02	16.96	0.078

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27.26	151.1631485	17.64
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304.1	168.8346381	17.26
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359	135.5200067	17.12
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353.4	136.6142539	16.95
357.4	135.6986053	16.94

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0.387	60.66
0.299	52.38
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0.282	15.06
0.203	20.31
0.224	0.889
0.253	360
0.238	3.435
0.264	8.52
0.249	359.2
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0.248	3.751
0.208	357.4
0.241	352.4
0.284	341.5
0.256	338.3
0.256	331.1
0.24	334.4
0.178	330.1
0.205	349.2
0.222	359.1
0.239	8.05
0.24	11.8
0.285	2.785
0.321	0.582
0.335	1.497
0.332	2.914
0.358	5.448
0.344	5.266
0.372	3.791
0.362	2.735
0.294	5.282
0.3	2.788
0.315	2.63
0.291	4.894

146.9240571	17.67
141.6027124	17.67
165.0761382	17.69
180.2180842	17.7
175.1598614	17.74
186.6631384	17.76
166.5155927	17.78
163.5269946	17.76
180.5680717	17.76
185.3473148	17.75
179.5499431	17.76
164.0753889	17.79
161.3358649	17.82
170.3609349	17.86
155.2998617	17.85
149.2056183	17.83
146.2482527	17.8
151.2286027	17.8
144.783189	17.79
139.6897826	17.77
143.6074783	17.75
135.4455025	17.74
135.4622116	17.72
135.5781782	17.71
136.652233	17.7
135.5051412	17.68
135.5074801	17.65
135.6133541	17.62
135.6986053	17.58
136.949775	17.53
143.5986496	17.5
146.7114396	17.46
156.0853794	17.44
151.3468538	17.42
157.6854758	17.4
138.3193881	17.38
135.5123672	17.36
136.5070199	17.35
137.9340071	17.34
135.5188344	17.34
135.4475862	17.37
135.4528529	17.37
135.5292205	17.35
135.8733306	17.33
135.8396928	17.29
135.6181022	17.28
135.514994	17.23
135.8425944	17.19
135.5190681	17.17
135.5072656	17.14
135.7752506	17.12

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0.396	86.3	141.7313339	17.95	0.326	65.48	156.4183639
0.429	61.79	161.6994953	17.95	0.525	48.11	192.5122309
0.532	58.32	167.6572806	17.98	0.646	47.15	195.5728794
0.684	56.29	171.6505544	18.04	0.621	49.02	189.7465867
0.559	44.73	187.7542658	18.08	0.592	41.32	177.9106275
0.467	67.84	153.5436808	18.09	0.525	55.92	172.4225531
0.633	61.05	162.8844463	18.08	0.669	49.24	189.0969651
0.557	52.1	181.2753983	18.08	0.567	46.25	192.7297708
0.576	54.1	176.4322033	18.07	0.72	42.49	181.0977037
0.731	53.56	177.6929245	18.08	0.662	44.59	187.3154486
0.642	38.96	172.0236439	18.11	0.81	32.11	158.3650692
0.688	33.89	161.481942	18.13	0.828	30.85	156.320292
0.774	36.43	166.433535	18.16	0.838	31.94	158.0815944
0.549	33.17	160.1878789	18.15	0.64	28.1	152.2858181
0.508	31.04	156.6204087	18.11	0.587	27	150.8255466
0.513	28.7	153.1182603	18.08	0.671	24.85	148.2060312
0.599	29.11	153.7020857	18.06	0.653	23.55	146.7648086
0.611	28.05	152.2176081	18.05	0.66	23.26	146.4573585
0.438	18.76	142.303273	18.04	0.568	19.5	142.9099119
0.399	20.74	143.9922988	18.02	0.486	19.31	142.7513866
0.378	5.167	135.8219778	18	0.477	10.48	137.3611119
0.42	3.167	135.5515903	17.98	0.437	8.6	136.6778973
0.377	6.845	136.1778951	17.98	0.497	10.65	137.4305386
0.471	12.03	138.0418286	17.98	0.523	12.39	138.2154078
0.408	5.124	135.8144111	17.97	0.547	8.24	136.5645794
0.392	11.21	137.668318	17.96	0.582	10.75	137.4719761
0.383	6.8	136.1668004	17.94	0.491	8.52	136.652233
0.292	0.242	135.4544323	17.89	0.478	4.984	135.790311
0.348	351.5	137.2889944	17.85	0.496	356	135.9423289
0.371	336.9	148.2635581	17.82	0.59	353.1	136.7103661
0.412	334.5	151.2154981	17.8	0.526	350.6	137.6639493
0.383	329.2	159.1957351	17.78	0.511	347.2	139.411891
0.351	330	157.8499471	17.75	0.494	345.4	140.557513
0.279	327.1	162.994021	17.72	0.418	341.3	143.7762629
0.292	344.6	141.1176841	17.68	0.438	352.5	136.9142707
0.301	0.068	135.4597815	17.67	0.477	4.084	135.6549086
0.336	10.36	137.3128746	17.66	0.537	11.28	137.6990238
0.368	15.43	139.9206653	17.67	0.542	16.08	140.3423306
0.397	9.37	136.939078	17.68	0.575	13.88	138.99708
0.483	6.733	136.1504407	17.71	0.647	12.38	138.2105066
0.431	6.294	136.0479456	17.74	0.697	11.07	137.6075633
0.531	8.08	136.5160052	17.75	0.662	10.03	137.1834969
0.448	7.299	136.294634	17.74	0.701	6.634	136.1266153
0.389	6.211	136.0294819	17.7	0.718	9.63	137.0330898
0.474	8.36	136.601732	17.67	0.769	9.58	137.0147815
0.492	6.571	136.1116696	17.62	0.734	7.847	136.4472329
0.5	7.107	136.2441959	17.57	0.742	9.07	136.8342616
0.455	4.884	135.7735981	17.53	0.687	7.967	136.4823616
0.506	4.088	135.6554358	17.48	0.685	6.883	136.1873307
0.445	5.417	135.867503	17.44	0.627	7.417	136.3264107

18.23	0.509	52.05	181.4027468	154.8566096	Yes
18.2	0.476	62.28	160.9389984	145.2594386	Yes
18.2	0.736	55.63	173.0375685	168.6663319	Yes
18.25	0.887	52.94	179.1826048	179.7250851	Yes
18.33	0.857	57.78	168.6806808	178.3572394	Yes
18.34	0.752	52.65	179.8952683	185.7946685	Yes
18.35	0.754	65.8	156.0067	163.2865489	Yes
18.33	0.866	54.72	175.0256155	169.0812588	Yes
18.34	0.766	54.45	175.6328683	180.2767425	Yes
18.32	0.815	47.11	195.7037189	177.8463571	Yes
18.34	1.087	47.9	193.1689136	174.8007094	Yes
18.38	1.053	39.96	174.4338089	164.4074756	Yes
18.39	0.999	37.8	169.3736382	158.2172448	Yes
18.4	1.124	40.3	175.2809825	161.6753831	Yes
18.36	0.943	39.45	173.1896545	154.7341768	Yes
18.33	0.845	37.71	169.1743249	153.6295033	Yes
18.3	0.85	33.7	161.1359522	148.4318686	Yes
18.28	0.826	32.77	159.4886987	151.3422043	Yes
18.28	0.88	33.56	160.8830896	147.6393062	Yes
18.25	0.683	27.92	152.0410894	140.3087739	Yes
18.24	0.654	27.77	151.838892	142.7874566	Yes
18.22	0.606	21.74	144.92698	137.3135964	Yes
18.21	0.598	21.72	144.9077339	140.0630332	Yes
18.2	0.589	22.15	145.3265626	143.4336702	Yes
18.19	0.643	24.27	147.5501537	137.0931747	Yes
18.2	0.685	21.77	144.9558917	136.0189258	Yes
18.21	0.712	22.14	145.3167019	136.6863414	Yes
18.19	0.633	21.56	144.7545841	136.5881268	Yes
18.18	0.623	18.74	142.2872777	142.947425	Yes
18.14	0.672	8.87	136.766555	138.6490964	Yes
18.13	0.696	7.75	136.4192877	156.0656443	Yes
18.11	0.619	6.681	136.1378747	151.1063813	Yes
18.06	0.575	0.9	135.4455	156.5807225	Yes
18.02	0.615	359.6	135.4803714	153.6858723	Yes
17.98	0.555	356.4	135.8643244	155.4768494	Yes
17.92	0.575	2.416	135.4929258	141.5325469	Yes
17.89	0.618	11.2	137.6639493	139.9716454	Yes
17.88	0.641	18	141.7100752	139.1187025	Yes
17.88	0.648	22.51	145.6854033	139.5953112	Yes
17.9	0.656	23.65	146.8719988	136.7437498	Yes
17.94	0.766	24.26	147.5390287	136.6547251	Yes
18	0.843	21.66	144.8501324	138.357673	Yes
18.05	0.935	22.24	145.415569	136.1689457	Yes
18.09	0.891	19.73	143.1043908	135.9814895	Yes
18.1	0.913	21.41	144.612323	136.0870884	Yes
18.13	1.002	24.06	147.3178229	136.171967	Yes
18.12	0.96	20.66	143.9199341	135.8947594	Yes
18.08	0.958	17.92	141.6493683	136.3925241	Yes
18.03	0.952	16.65	140.7291424	135.8580123	Yes
17.97	0.912	15.23	139.7950453	135.9910715	Yes
17.9	0.869	15.07	139.6959361	135.9169424	Yes

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7/31/2019	3:04	16.95	0.067
7/31/2019	3:05	16.94	0.09
7/31/2019	3:06	16.93	0.078
7/31/2019	3:07	16.92	0.062
7/31/2019	3:08	16.9	0.067
7/31/2019	3:09	16.87	0.067
7/31/2019	3:10	16.85	0.047
7/31/2019	3:11	16.84	0.084
7/31/2019	3:12	16.83	0.082
7/31/2019	3:13	16.83	0.068
7/31/2019	3:14	16.83	0.071
7/31/2019	3:15	16.83	0.09
7/31/2019	3:16	16.82	0.06
7/31/2019	3:17	16.79	0.048
7/31/2019	3:18	16.78	0.065
7/31/2019	3:19	16.77	0.056
7/31/2019	3:20	16.76	0.048
7/31/2019	3:21	16.77	0.033
7/31/2019	3:22	16.77	0.039
7/31/2019	3:23	16.77	0.037
7/31/2019	3:24	16.78	0.059
7/31/2019	3:25	16.78	0.07
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7/31/2019	3:27	16.75	0.105
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7/31/2019	3:29	16.74	0.1
7/31/2019	3:30	16.71	0.109
7/31/2019	3:31	16.7	0.083
7/31/2019	3:32	16.7	0.078
7/31/2019	3:33	16.71	0.128
7/31/2019	3:34	16.72	0.082
7/31/2019	3:35	16.7	0.069
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7/31/2019	3:38	16.65	0.073
7/31/2019	3:39	16.65	0.063
7/31/2019	3:40	16.64	0.048
7/31/2019	3:41	16.63	0.077
7/31/2019	3:42	16.64	0.058
7/31/2019	3:43	16.65	0.05
7/31/2019	3:44	16.65	0.045
7/31/2019	3:45	16.64	0.038
7/31/2019	3:46	16.63	0.043
7/31/2019	3:47	16.62	0.068
7/31/2019	3:48	16.6	0.063
7/31/2019	3:49	16.59	0.059
7/31/2019	3:50	16.58	0.03
7/31/2019	3:51	16.57	0.048
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353.6	136.5523328	16.92
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351.8	137.171973	16.88
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355	136.1668004	16.84
8.75	136.7267625	16.82
11.28	137.6990238	16.81
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30.07	155.1179634	16.79
2.394	135.4915589	16.8
15.28	139.8262694	16.8
352.1	137.0589052	16.8
349.4	138.2203136	16.78
326	165.1468514	16.76
327.8	161.6837458	16.75
341.5	143.5986496	16.75
339.2	145.7762909	16.77
351.3	137.3692134	16.76
0.746	135.4459893	16.76
10.73	137.4636531	16.76
4.293	135.6833439	16.76
356.8	135.7930238	16.77
356.3	135.8831963	16.76
356.7	135.8102214	16.76
2.394	135.4915589	16.74
4.795	135.7590749	16.72
353.8	136.4921301	16.71
348.3	138.7879636	16.7
12	138.0276292	16.73
8.75	136.7267625	16.74
342.8	142.4968525	16.71
322.1	173.7955882	16.69
314.2	195.7142115	16.68
303.5	167.6946976	16.68
298.5	159.4157407	16.67
300	161.6837847	16.67
307.2	175.2945059	16.67
308.4	178.0729882	16.68
312.3	188.3385084	16.69
337.4	147.6953406	16.69
358.2	135.5960285	16.67
332.8	153.5442409	16.66
303.4	167.507983	16.64
317.5	186.4164902	16.62
310.9	184.4211537	16.61
337	148.1486618	16.6
333.8	152.1495751	16.58
329.9	158.0152438	16.57
335.4	150.0639356	16.55

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0.284	9.27
0.249	359.6
0.349	351.3
0.326	354.1
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0.191	12.31
0.162	27.72
0.206	23.67
0.209	8.5
0.23	359.9
0.171	354.4
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0.305	347.6
0.334	348.1
0.284	350.6
0.223	351
0.185	356.3
0.172	4.029
0.19	4.866
0.268	11.55
0.304	8.19
0.297	12.49
0.298	14.85
0.273	14.14
0.256	18.54
0.297	8.63
0.253	2.778
0.304	13.65
0.253	10.33
0.267	353.1
0.284	343.2
0.229	335.1
0.177	326.5
0.167	324.4
0.151	321.7
0.176	320.4
0.22	335.3
0.24	345
0.216	354.6
0.155	348.5
0.147	348.3
0.148	324.6
0.181	330
0.188	322.6
0.166	330
0.188	336.4
0.167	335.9
0.179	330.1

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137.5817934	17.1
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135.4803714	17.04
137.3692134	17.03
136.4050401	17.02
135.584217	16.99
138.1763254	16.96
151.7718433	16.94
146.8935093	16.95
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135.4661321	17
136.3217962	16.99
138.1714606	16.98
139.1784222	16.96
138.8971847	16.97
137.6639493	16.97
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135.8831963	16.97
135.6477276	16.95
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139.5616657	17
139.1440538	16.97
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136.6875926	16.92
135.5182905	16.92
138.8697047	16.98
137.3009147	16.96
136.7103661	16.93
142.1758963	16.92
150.441715	16.92
164.1537804	16.9
168.49455	16.89
174.7809062	16.89
178.1226162	16.91
150.1891937	16.93
140.8336095	16.96
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138.6806025	16.93
138.7879636	16.9
168.0614801	16.87
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172.5912057	16.86
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148.8475437	16.81
149.4475739	16.79
157.6854758	16.78

0.428	11.07	137.6075633	17.42	0.596	11.78	137.9247442
0.485	14.15	139.1497701	17.42	0.658	14.68	139.4594951
0.442	14.4	139.2942101	17.42	0.655	14.65	139.4416079
0.443	11.72	137.897064	17.41	0.682	11.86	137.9619039
0.399	2.228	135.4818901	17.37	0.648	4.532	135.7180892
0.484	355.4	136.0719483	17.36	0.767	1.767	135.4610085
0.506	356.9	135.7762441	17.36	0.728	2.033	135.4719862
0.315	1.893	135.4658443	17.31	0.503	3.147	135.5497255
0.295	13.37	138.7179677	17.26	0.481	11.3	137.7078372
0.278	25.33	148.7648262	17.23	0.412	20.77	144.0195268
0.3	27.92	152.0410894	17.23	0.468	24.23	147.5056909
0.323	16.16	140.395654	17.27	0.505	17.97	141.6872716
0.404	8.98	136.8035791	17.3	0.561	11.46	137.7789895
0.302	355.2	136.1185285	17.31	0.506	1.678	135.4579877
0.371	351.6	137.249547	17.33	0.585	358	135.6191797
0.423	346.5	139.8387928	17.31	0.71	355.4	136.0719483
0.466	350	137.9340071	17.33	0.729	358.5	135.564413
0.426	351.1	137.4512019	17.34	0.636	359.9	135.4661321
0.292	353.8	136.4921301	17.33	0.495	0.15	135.4571049
0.211	0.752	135.4459519	17.29	0.396	3.666	135.6034849
0.225	8.04	136.5040334	17.27	0.409	8.6	136.6778973
0.292	9.18	136.87224	17.26	0.437	9.35	136.9319684
0.378	13.65	138.8697047	17.27	0.576	14.63	139.4297068
0.443	13.57	138.825979	17.31	0.686	13.78	138.9413956
0.508	15.22	139.7888149	17.34	0.724	14.65	139.4416079
0.499	17.87	141.611593	17.35	0.713	17.12	141.0602273
0.45	17.42	141.2773534	17.33	0.689	14.47	139.3351827
0.415	16.68	140.7499462	17.28	0.598	15.18	139.7639415
0.464	9.85	137.1149459	17.27	0.71	11.85	137.9572431
0.436	6.732	136.150198	17.28	0.694	11.9	137.9805921
0.592	18.42	142.0341926	17.35	0.657	19	142.4968525
0.366	9.66	137.0441273	17.32	0.567	10.54	137.3854693
0.395	355.9	135.9628798	17.31	0.65	1.834	135.4634983
0.427	346.6	139.7763685	17.3	0.656	357.4	135.6986053
0.368	339	145.9799608	17.3	0.538	352.9	136.7766005
0.293	330.1	157.6854758	17.27	0.427	345.9	140.2234999
0.276	327.7	161.8681603	17.26	0.439	348.2	138.8423412
0.248	327.1	162.994021	17.26	0.401	345.9	140.2234999
0.291	322.1	173.7955882	17.26	0.418	343.6	141.8632814
0.333	337.6	147.4724086	17.27	0.493	353.4	136.6142539
0.357	348.8	138.5230334	17.3	0.566	359.6	135.4803714
0.342	358.3	135.5850754	17.31	0.575	2.183	135.4794651
0.268	353.7	136.5220169	17.29	0.506	2.15	135.47774
0.234	352.1	137.0589052	17.27	0.419	360	135.4622116
0.237	329	159.540656	17.23	0.414	345	140.8336095
0.276	332.1	154.5640391	17.21	0.493	346.3	139.9650888
0.301	326.2	164.7466785	17.21	0.505	334	151.8792052
0.211	325.8	165.5509953	17.2	0.426	331.2	155.9297559
0.313	330.8	156.5569873	17.17	0.453	331.7	155.1633342
0.311	329	159.540656	17.15	0.399	328.4	160.5962459
0.296	325.4	166.3713526	17.12	0.391	324.7	167.8465446

17.86	0.854	18.05	141.7481838	136.914074	Yes
17.83	0.867	20.08	143.4057968	138.1858478	Yes
17.82	0.866	22.3	145.4751667	138.4322489	Yes
17.82	0.905	20.82	144.0650173	137.4581767	Yes
17.8	0.899	15.37	139.8827766	135.9630809	Yes
17.8	0.943	12.83	138.4355865	136.3870075	Yes
17.77	0.877	10.73	137.4636531	135.9550177	Yes
17.7	0.75	11	137.577514	135.8316373	Yes
17.62	0.699	14.48	139.3410549	138.0752886	Yes
17.57	0.645	19.68	143.0618716	147.4559202	Yes
17.56	0.666	27.9	152.0140384	150.3895633	Yes
17.59	0.68	23.45	146.6582211	138.5550861	Yes
17.66	0.779	24.57	147.8867821	137.4687425	Yes
17.7	0.705	15.52	139.9778248	136.2393044	Yes
17.73	0.751	11.44	137.7700327	137.3151252	Yes
17.75	0.877	8.27	136.5738095	145.0590037	Yes
17.76	0.881	9.93	137.1452374	143.5198376	Yes
17.73	0.784	9.37	136.939078	138.5449833	Yes
17.66	0.657	8.65	136.6940777	138.8045968	Yes
17.61	0.607	12.08	138.0655849	136.0754616	Yes
17.57	0.649	12.87	138.4560426	136.0689119	Yes
17.55	0.654	13.87	138.9914905	136.7596239	Yes
17.55	0.752	17.92	141.6493683	137.9505682	Yes
17.58	0.818	17.43	141.2846692	137.5274201	Yes
17.6	0.884	18.78	142.3192892	138.3445725	Yes
17.61	0.915	21.22	144.433946	139.5109269	Yes
17.63	0.944	20.83	144.0741321	138.8120372	Yes
17.62	0.915	22.36	145.5349729	139.6003593	Yes
17.66	0.946	19.36	142.7929175	137.0629779	Yes
17.69	0.933	20.84	144.0832523	137.1092611	Yes
17.78	0.988	30.65	156.0074694	140.3570947	Yes
17.75	0.813	19	142.4968525	137.1143185	Yes
17.74	0.86	14.82	139.5435354	137.6583992	Yes
17.72	0.804	11	137.577514	147.8616146	Yes
17.69	0.686	6.833	136.1749281	157.2281219	Yes
17.64	0.594	4.299	135.6841871	157.4393634	Yes
17.62	0.582	5.55	135.8927895	157.155198	Yes
17.59	0.533	1.951	135.4682906	159.9205529	Yes
17.57	0.573	359.6	135.4803714	167.2689979	Yes
17.57	0.649	4.583	135.7258116	153.0872111	Yes
17.57	0.704	7.717	136.4098723	150.7938807	Yes
17.57	0.756	11.07	137.6075633	138.757078	Yes
17.58	0.715	12.2	138.1230627	136.569097	Yes
17.56	0.646	10.02	137.1796512	141.2133303	Yes
17.53	0.611	358.4	135.5745369	158.9859322	Yes
17.5	0.701	352	137.0961561	159.6988913	Yes
17.55	0.707	342.8	142.4968525	168.4095608	Yes
17.56	0.623	342	143.1641434	156.86984	Yes
17.55	0.671	337.7	147.3618674	153.1793601	Yes
17.56	0.649	337.5	147.5835656	156.8999299	Yes
17.53	0.59	331.1	156.0853794	160.4918271	Yes

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7/31/2019	4:09	16.28	0.138
7/31/2019	4:10	16.27	0.145
7/31/2019	4:11	16.25	0.168
7/31/2019	4:12	16.24	0.186
7/31/2019	4:13	16.21	0.163
7/31/2019	4:14	16.19	0.178
7/31/2019	4:15	16.18	0.153
7/31/2019	4:16	16.17	0.12
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7/31/2019	4:22	16.17	0.032
7/31/2019	4:23	16.16	0.081
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7/31/2019	4:26	16.15	0.138
7/31/2019	4:27	16.14	0.112
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7/31/2019	4:29	16.13	0.135
7/31/2019	4:30	16.13	0.153
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7/31/2019	4:42	16.13	0.052
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292.1	151.529758	16.44
283.1	144.539086	16.43
288	147.8089898	16.41
285.5	145.9889028	16.39
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284.7	145.4740121	16.37
283.2	144.5938692	16.34
282.8	144.3776216	16.32
288.2	147.9687897	16.3
286.7	146.8220309	16.27
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306.1	172.8883094	16.24
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300.9	163.1300876	16.16
299.4	160.7556316	16.15
303.2	167.137323	16.15
301.7	164.4719393	16.14
300.2	161.9995159	16.13
303.5	167.6946976	16.13
36.67	166.9343228	16.13
34.54	162.6905166	16.13
40.64	176.1426581	16.12
42.72	181.7466883	16.12
62.5	160.6036824	16.12
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28.5	152.8379067	16.13
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299	160.152474	16.09
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326	165.1468514	16.13
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323.9	169.5961403	16.13

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0.225	287.8
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0.246	287.8
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0.283	278.6
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0.324	276.3
0.302	278.4
0.281	288.6
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0.276	309
0.296	306.8
0.31	306.5
0.315	305.2
0.293	308.1
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0.206	306.8
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0.132	324.8
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146.1902907	16.57
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182.8356637	16.26
171.6490075	16.25
167.6326681	16.24
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141.484113	16.25
171.2310796	16.24
165.7545685	16.24
171.0005037	16.25
184.7190682	16.25
189.3154082	16.26
175.7099905	16.26
174.5327325	16.28
158.9733722	16.31
157.261687	16.33
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135.5547035	16.29
135.7439374	16.26
155.9297559	16.24
182.5470487	16.25
177.8577632	16.25
152.4227699	16.28
138.3696112	16.31
139.3528135	16.33
143.7762629	16.32
140.8336095	16.32
136.2684311	16.34
146.6051528	16.34

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0.217	295.2	155.008001	17	0.367	310.8	184.1517432
0.238	288.5	148.2125295	16.97	0.369	302	164.9891752
0.282	284.2	145.1683796	16.95	0.365	299.7	161.2161624
0.282	277.3	142.1607573	16.93	0.357	291.7	151.1242187
0.329	280.3	143.1976347	16.9	0.389	291.7	151.1242187
0.271	283	144.4847842	16.87	0.383	289.9	149.4151502
0.285	284.2	145.1683796	16.81	0.396	290.5	149.9641021
0.325	282.7	144.324759	16.79	0.413	291.4	150.8262993
0.335	280.4	143.23924	16.77	0.43	288.1	147.8886214
0.328	281.4	143.6807474	16.74	0.476	282.7	144.324759
0.344	278.5	142.5268211	16.71	0.526	278.7	142.5941034
0.299	281.3	143.6345036	16.67	0.492	277	142.0792607
0.276	283.2	144.5938692	16.63	0.51	275.7	141.7720144
0.297	289.1	148.7146909	16.59	0.459	287.4	147.3423991
0.328	294.2	153.8193224	16.58	0.53	291.2	150.6306288
0.397	300.6	162.6406568	16.59	0.543	299	160.152474
0.372	305	170.6093072	16.56	0.55	302.1	165.1633188
0.354	310.8	184.1517432	16.5	0.575	305.1	170.8114111
0.342	307.2	175.2945059	16.47	0.581	303.2	167.137323
0.305	308	177.1284437	16.45	0.541	304.8	170.2080831
0.271	308.2	177.5983781	16.44	0.479	306.7	174.1845669
0.263	306.8	174.4043676	16.42	0.439	307.1	175.0703199
0.251	311.8	186.9076557	16.41	0.394	313.5	191.9241395
0.213	320.1	178.9252109	16.38	0.342	320.1	178.9252109
0.156	321	176.5532489	16.39	0.301	321.1	176.2962446
0.134	341.9	143.249962	16.4	0.265	339.4	145.5749597
0.109	4.334	135.6891354	16.4	0.21	348.1	138.8971847
0.158	34.04	161.757402	16.39	0.249	11.24	137.6814508
0.195	36.6	166.7876462	16.42	0.278	12.91	138.4765724
0.265	42.43	180.9296435	16.47	0.36	21.55	144.7450604
0.26	48.74	190.583942	16.51	0.409	41.32	177.9106275
0.304	47.73	193.7057158	16.55	0.506	40.35	175.4067835
0.3	43.95	185.3492544	16.57	0.483	37.42	168.5380928
0.331	45.53	190.3237827	16.62	0.544	39.47	173.2378524
0.334	38.11	170.0669929	16.64	0.441	34.97	163.5116598
0.227	46.53	193.6902646	16.66	0.38	39.77	173.9666048
0.142	50.04	186.7947389	16.61	0.258	38.76	171.555812
0.085	14.53	139.3704869	16.55	0.196	20.47	143.7494812
0.074	9.57	137.0111329	16.52	0.193	17.1	141.0459134
0.094	325.8	165.5509953	16.52	0.2	360	135.4622116
0.154	309.4	180.5179243	16.54	0.232	338.5	146.4994658
0.151	304	168.6422867	16.52	0.223	327.8	161.6837458
0.157	327.8	161.6837458	16.53	0.266	353.1	136.7103661
0.204	355	136.1668004	16.55	0.34	5.015	135.7955768
0.208	349.5	138.1714606	16.56	0.377	1.417	135.4510142
0.227	340.3	144.6975271	16.55	0.39	353.4	136.6142539
0.289	344.4	141.262737	16.59	0.497	353.6	136.5523328
0.333	352.8	136.810367	16.64	0.561	356.5	135.8458714
0.321	336.9	148.2635581	16.64	0.489	346.4	139.9016992

17.49	0.607	334.3	151.4788997	182.7391048	Yes
17.46	0.579	333.7	152.2858181	172.8060736	Yes
17.44	0.564	333.5	152.5604335	166.1328985	Yes
17.39	0.502	324.8	167.6326681	153.3871362	Yes
17.36	0.5	323.2	171.184873	153.8355994	Yes
17.32	0.485	317.2	187.3466876	146.3007834	Yes
17.26	0.525	315.7	192.2210107	148.0446752	Yes
17.21	0.508	307.2	175.2945059	146.5225881	Yes
17.16	0.522	305.4	171.4237479	147.2829406	Yes
17.12	0.553	308.2	177.5983781	147.1978232	Yes
17.1	0.557	304.8	170.2080831	146.1353024	Yes
17.08	0.594	300.9	163.1300876	144.0099389	Yes
17.07	0.62	298.1	158.8398912	142.9419437	Yes
17.04	0.625	292.4	151.8402112	142.9989909	Yes
17.01	0.606	288.4	148.1307424	144.207132	Yes
16.98	0.613	298.1	158.8398912	147.793495	Yes
16.97	0.672	302.7	166.2266321	154.373853	Yes
16.96	0.73	304.5	169.6136358	168.8017022	Yes
16.89	0.729	302.8	166.4069628	167.8097155	Yes
16.81	0.775	306.1	172.8883094	174.1955698	Yes
16.75	0.79	305.7	172.0452245	169.3101546	Yes
16.71	0.704	306	172.6759748	171.5176501	Yes
16.66	0.608	305.3	171.2186266	174.0471077	Yes
16.63	0.57	306.2	173.1016948	171.1586717	Yes
16.6	0.503	309.2	180.0191816	182.2011954	Yes
16.56	0.43	313.7	192.5433417	173.4928422	Yes
16.57	0.433	312.5	188.9210494	170.6204194	Yes
16.55	0.307	326.4	164.3504379	148.4228981	Yes
16.54	0.265	333.6	152.4227699	145.751189	Yes
16.55	0.295	354	136.4336422	158.3401122	Yes
16.61	0.381	356.8	135.7930238	161.7903613	Yes
16.68	0.44	9.82	137.1036589	169.605474	Yes
16.72	0.504	29.27	153.9332726	178.45433	Yes
16.77	0.619	35.35	164.2519878	187.3942122	Yes
16.81	0.629	39.7	173.7955882	171.1111307	Yes
16.84	0.666	36.32	166.2059827	174.404424	Yes
16.92	0.676	35.38	164.3110287	161.3474829	Yes
16.98	0.585	44.72	187.7228164	172.6123124	Yes
16.91	0.381	43.25	183.2713503	176.1943736	Yes
16.91	0.352	30.42	155.6516072	140.4375621	Yes
16.92	0.394	27.18	151.0587788	137.9336612	Yes
16.93	0.437	20.28	143.5810086	152.4094642	Yes
16.93	0.421	10.08	137.2027914	167.0655559	Yes
16.89	0.388	3.799	135.6190598	167.0840674	Yes
16.86	0.476	12.08	138.0655849	153.8650927	Yes
16.85	0.568	15.58	140.0161491	143.523839	Yes
16.85	0.563	12.08	138.0655849	144.5305349	Yes
16.83	0.565	3.35	135.5694232	146.6014224	Yes
16.86	0.671	0.416	135.4503327	143.4909373	Yes
16.92	0.742	0.351	135.451718	142.6982075	Yes
16.98	0.709	352.8	136.810367	151.0916376	Yes

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7/31/2019	5:35	15.75	0.109

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300.2	161.9995159	16.09
296.5	156.6530324	16.07
298.6	159.5615734	16.06
290	149.5052253	16.04
288.4	148.1307424	16.03
284.9	145.5997344	16.02
281.3	143.6345036	16.02
273.6	141.431807	15.98
275.6	141.7514553	15.93
271.2	141.2767366	15.92
260.5	143.6345036	15.92
233.7	177.3628294	15.9
221.6	178.6563324	15.89
111.2	150.6306288	15.87
118	158.6977847	15.84
147.8	161.6837458	15.83
254.2	147.4958051	15.82
231.4	183.0874794	15.8
141.8	174.5327325	15.77
175	136.1668004	15.74
138.3	184.0049395	15.72
111.6	151.0243214	15.7
102.2	144.0675996	15.69
65.75	156.0705589	15.7
57.53	169.1638289	15.74
65.41	156.5093568	15.76
64.17	158.1783732	15.76
59.15	166.1368029	15.74
61.46	162.2224404	15.72
66.41	155.2412951	15.71
58.68	166.9900868	15.7
170	137.9340071	15.69
261	143.4102756	15.66
123.5	167.6946976	15.63
110.2	149.6870709	15.63
68.57	152.7277124	15.66
64.48	157.7508512	15.69
58.7	166.9533691	15.72
30.59	155.9142367	15.74
39.92	174.3350823	15.72
35	163.5696028	15.7
338.8	146.1859844	15.68
302.1	165.1633188	15.65
291.8	151.2247092	15.62
296.8	157.0491672	15.61
293.8	153.3619607	15.61
284.3	145.2285189	15.62
285.7	146.1226545	15.63
300.9	163.1300876	15.63
298.6	159.5615734	15.64

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0.216	311
0.183	308.7
0.188	304.7
0.241	295.3
0.277	289.8
0.269	289.6
0.274	278.1
0.36	268.2
0.362	267.5
0.296	267.4
0.217	270.6
0.123	254.9
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0.05	114.5
0.117	119.1
0.104	129.7
0.048	185.5
0.048	201.3
0.06	143.9
0.039	107.5
0.066	130.8
0.067	119.1
0.082	103.2
0.116	77.78
0.169	75.38
0.22	64.28
0.29	62.48
0.228	61.05
0.162	68.56
0.141	72.24
0.098	64.99
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0.045	180.4
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0.118	102.4
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0.135	68.46
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0.149	37.44
0.103	28.39
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0.081	347.6
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0.097	314.3
0.124	311.6
0.153	302.5
0.142	296.9
0.131	311.4
0.136	322.4

171.8828066	16.32
184.6919171	16.3
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170.0089535	16.24
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149.3256382	16.19
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141.5239064	16.05
141.5387984	16.04
141.2767366	16.04
146.9680947	16.03
138.2696225	16.02
154.1690811	16
160.3021067	15.98
181.2753983	15.96
135.8831963	15.94
144.5088047	15.92
169.5961403	15.89
147.4188376	15.87
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160.3021067	15.83
144.5938692	15.83
145.0613671	15.84
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158.0258772	15.87
160.6340101	15.86
162.8844463	15.83
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144.169036	15.77
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168.6998921	15.87
168.5816787	15.87
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147.1426245	15.75
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185.7886529	15.79
173.0693692	15.81

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0.3	304.5	169.6136358	16.62	0.45	311.7	186.6257896
0.281	298.1	158.8398912	16.56	0.445	307.5	175.9737479
0.275	298	158.6977847	16.52	0.438	306.7	174.1845669
0.294	292.8	152.2626427	16.49	0.446	301.5	164.1314071
0.278	291.7	151.1242187	16.5	0.452	299.4	160.7556316
0.255	293.8	153.3619607	16.48	0.45	296	156.0067
0.231	285.5	145.9889028	16.43	0.442	281.8	143.8704074
0.191	270.7	141.2756607	16.33	0.554	267.1	141.5860815
0.222	269.2	141.3370081	16.25	0.558	265.1	142.0017483
0.195	270.1	141.2885722	16.22	0.468	265.4	141.9282093
0.149	268.9	141.3609132	16.21	0.385	265.1	142.0017483
0.11	255.7	146.3962542	16.2	0.257	261.1	143.3668232
0.067	235.6	173.1016948	16.19	0.152	251.4	149.8711879
0.051	159.4	145.5749597	16.17	0.068	184.8	135.759882
0.12	149.1	159.3677662	16.14	0.158	124.8	170.2080831
0.092	156.4	148.8475437	16.11	0.166	131.7	186.6257896
0.087	198.1	141.786421	16.08	0.125	186.8	136.1668004
0.071	210.1	155.1633342	16.07	0.107	197.9	141.6342428
0.082	157.1	148.034394	16.03	0.134	142.8	172.1177686
0.071	160.1	144.8885107	16	0.117	135.9	191.5488631
0.084	150.2	157.5218261	15.98	0.137	132.2	188.0494405
0.079	136.9	188.2914027	15.96	0.148	122.6	166.0471971
0.111	107.8	147.6513318	15.96	0.179	104.7	145.4740121
0.144	83.8	142.366475	15.98	0.205	89.7	141.3057907
0.205	74.64	147.1610966	16.02	0.281	82.6	142.7702052
0.182	59.76	165.0587282	16.07	0.396	66.58	155.032445
0.268	55.79	172.6971611	16.1	0.52	64.62	157.5600427
0.207	49.47	188.4255142	16.09	0.444	59.97	164.6951218
0.16	56.28	171.6712343	16.05	0.365	61.77	161.7309403
0.139	66.92	154.6205005	16.04	0.304	70.2	151.0243214
0.07	56.74	170.7304497	16.01	0.222	73.96	147.6826926
0.044	87.9	141.4686779	15.96	0.109	94.5	141.5541247
0.056	159.8	145.1792559	15.95	0.088	113.4	152.9147416
0.075	118.5	159.4157407	15.95	0.133	100.6	143.3238336
0.184	95.8	141.7930115	15.98	0.23	88.1	141.4436643
0.205	71.8	149.5052253	16.02	0.356	66.74	154.8376364
0.174	60.66	163.5269946	16.04	0.38	63.85	158.6270078
0.188	53.42	178.0253154	16.06	0.397	60.82	163.2618575
0.168	30.78	156.2104449	16.04	0.338	47.54	194.3112433
0.135	10.43	137.3409357	16	0.264	40.29	175.25586
0.134	0.654	135.4467484	15.97	0.25	23.95	147.1972059
0.135	356.9	135.7762441	15.96	0.23	4.579	135.725202
0.128	350.7	137.6205085	15.93	0.259	338.3	146.7114396
0.138	346.4	139.9016992	15.91	0.304	329.4	158.8542338
0.173	338.9	146.0826775	15.95	0.342	329.1	159.3677662
0.179	332	154.712722	15.99	0.319	336.7	148.4952449
0.185	322.9	171.8828066	16.01	0.305	328.7	160.0645165
0.136	323.2	171.184873	16	0.273	326.9	163.3767931
0.165	327.2	162.8040494	16	0.29	336.4	148.8475437
0.183	328.8	159.8890273	16.01	0.3	335.8	149.5695304

17.01	0.613	337.9	147.1426245	174.5029513	Yes
16.99	0.637	322.9	171.8828066	175.7327146	Yes
16.96	0.608	322	174.0400802	167.5651124	Yes
16.93	0.597	321.7	174.7809062	165.6132196	Yes
16.92	0.603	320.1	178.9252109	155.2574406	Yes
16.92	0.602	320.1	178.9252109	152.3340577	Yes
16.91	0.58	315.6	192.5597384	151.0291731	Yes
16.87	0.564	300.5	162.4791534	143.9728654	Yes
16.73	0.503	275.1	141.6552183	141.431339	Yes
16.58	0.542	269.7	141.3057907	141.6535295	Yes
16.49	0.486	270	141.2922309	141.5080791	Yes
16.44	0.404	272.6	141.3370081	142.0684754	Yes
16.41	0.35	275.4	141.7116497	153.5235004	Yes
16.4	0.241	286.7	146.8220309	159.9747094	Yes
16.4	0.095	283.9	144.9909076	146.5336379	Yes
16.36	0.061	138.3	184.0049395	162.1439352	Yes
16.32	0.066	124.6	169.810806	169.6081193	Yes
16.28	0.049	301.3	163.7942737	140.3330557	Yes
16.24	0.061	254.9	146.9680947	156.0984653	Yes
16.2	0.119	167.4	139.2942101	166.0702589	Yes
16.16	0.115	168.9	138.471433	155.005753	Yes
16.13	0.083	176.8	135.7930238	178.4319873	Yes
16.1	0.075	151.5	155.4675767	166.416257	Yes
16.08	0.115	88.6	141.3887034	145.4467032	Yes
16.1	0.23	78.13	144.857826	146.2010479	Yes
16.19	0.396	69.87	151.3562367	151.4290393	Yes
16.35	0.535	62.9	160.0036074	158.6566018	Yes
16.48	0.602	63.68	158.8684012	162.2673968	Yes
16.52	0.628	68.58	152.7167667	170.5354713	Yes
16.49	0.556	71.53	149.7512529	162.0908198	Yes
16.45	0.523	81	143.4102756	152.4998036	Yes
16.34	0.419	85.9	141.8144468	160.6164274	Yes
16.24	0.312	92.6	141.3370081	142.7302279	Yes
16.24	0.307	87.1	141.5860815	144.2387327	Yes
16.23	0.334	86.7	141.6552183	157.4989613	Yes
16.24	0.421	82.5	142.8067836	144.2731957	Yes
16.24	0.508	73.67	147.9126155	152.6821644	Yes
16.26	0.564	71.17	150.0857469	158.1883448	Yes
16.25	0.568	69.33	151.9134332	169.2351085	Yes
16.23	0.499	58.4	167.507983	168.7544009	Yes
16.19	0.431	53.88	176.9417682	159.9042049	Yes
16.2	0.385	40.25	175.1554952	145.4933598	Yes
16.22	0.33	23.39	146.5945571	139.2164632	Yes
16.21	0.343	358.3	135.5850754	149.1594728	Yes
16.26	0.403	358.1	135.6073966	153.2436658	Yes
16.29	0.41	359.1	135.5123672	164.5534556	Yes
16.3	0.41	3.583	135.5941372	160.7288167	Yes
16.28	0.38	357.5	135.6843278	160.761124	Yes
16.25	0.348	358.3	135.5850754	159.4667343	Yes
16.25	0.37	5.417	135.867503	165.1425834	Yes
16.25	0.373	3.417	135.5762992	160.5223751	Yes

7/31/2019	5:36	15.75	0.04
7/31/2019	5:37	15.75	0.052
7/31/2019	5:38	15.76	0.058
7/31/2019	5:39	15.75	0.076
7/31/2019	5:40	15.74	0.081
7/31/2019	5:41	15.72	0.056
7/31/2019	5:42	15.7	0.048
7/31/2019	5:43	15.69	0.094
7/31/2019	5:44	15.68	0.108
7/31/2019	5:45	15.66	0.163
7/31/2019	5:46	15.63	0.123
7/31/2019	5:47	15.61	0.137
7/31/2019	5:48	15.58	0.133
7/31/2019	5:49	15.55	0.144
7/31/2019	5:50	15.52	0.145
7/31/2019	5:51	15.5	0.155
7/31/2019	5:52	15.49	0.202
7/31/2019	5:53	15.47	0.212
7/31/2019	5:54	15.45	0.206
7/31/2019	5:55	15.43	0.171
7/31/2019	5:56	15.43	0.166
7/31/2019	5:57	15.43	0.119
7/31/2019	5:58	15.44	0.138
7/31/2019	5:59	15.45	0.14
7/31/2019	6:00	15.44	0.136
7/31/2019	6:01	15.44	0.131
7/31/2019	6:02	15.44	0.133
7/31/2019	6:03	15.44	0.106
7/31/2019	6:04	15.46	0.104
7/31/2019	6:05	15.46	0.094
7/31/2019	6:06	15.47	0.087
7/31/2019	6:07	15.49	0.086
7/31/2019	6:08	15.5	0.102
7/31/2019	6:09	15.52	0.119
7/31/2019	6:10	15.53	0.143
7/31/2019	6:11	15.54	0.12
7/31/2019	6:12	15.56	0.112
7/31/2019	6:13	15.57	0.093
7/31/2019	6:14	15.58	0.091
7/31/2019	6:15	15.6	0.045
7/31/2019	6:16	15.62	0.069
7/31/2019	6:17	15.64	0.113
7/31/2019	6:18	15.65	0.128
7/31/2019	6:19	15.67	0.128
7/31/2019	6:20	15.68	0.145
7/31/2019	6:21	15.7	0.102
7/31/2019	6:22	15.72	0.112
7/31/2019	6:23	15.74	0.104
7/31/2019	6:24	15.77	0.099
7/31/2019	6:25	15.79	0.143
7/31/2019	6:26	15.81	0.154

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351.7	137.21054	15.66
22.01	145.1890361	15.67
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76.39	145.9293741	15.66
125.4	171.4237479	15.63
221.9	179.4670474	15.6
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282.6	144.2723744	15.55
274.1	141.4954247	15.55
278.6	142.5602372	15.52
286.3	146.5361202	15.53
276.9	142.0529811	15.5
290	149.5052253	15.47
288.1	147.8886214	15.46
292.1	151.529758	15.45
285.9	146.2584353	15.44
289.1	148.7146909	15.42
297.3	157.7235069	15.4
295	154.7650203	15.38
303.3	167.3221929	15.38
289.8	149.3256382	15.38
291.7	151.1242187	15.39
292.3	151.7361232	15.4
294.8	154.5246801	15.41
293.8	153.3619607	15.42
288.6	148.294859	15.44
291.9	151.3257947	15.45
299.7	161.2161624	15.46
289.5	149.0604651	15.47
279.8	142.996497	15.47
282.3	144.1180804	15.49
288.6	148.294859	15.51
283.2	144.5938692	15.53
283.5	144.7611164	15.54
288.5	148.2125295	15.55
289.6	149.1482972	15.58
288.7	148.3777321	15.6
307.1	175.0703199	15.63
324.6	168.0614801	15.67
299.1	160.3021067	15.71
305.2	171.014516	15.74
303.3	167.3221929	15.77
303.1	166.9533691	15.8
305.4	171.4237479	15.82
306	172.6759748	15.85
304.7	170.0089535	15.89
307.6	176.202409	15.93
307.3	175.5198021	15.96
308.4	178.0729882	16
305.8	172.2544374	16.04

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0.221	18.59
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0.287	279.3
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0.376	271
0.335	270.9
0.359	279.6
0.315	290.3
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0.43	282.4
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0.207	302.7
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0.237	289.3
0.294	284.6
0.33	283
0.277	280.7
0.254	280.4
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0.112	310.7
0.102	306.7
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0.203	296.8
0.249	295.2
0.302	292.3
0.235	296.5
0.195	305.2
0.126	317.1
0.181	327.9
0.197	325.7
0.235	315
0.246	315.9
0.245	314.6
0.26	313.2
0.254	319.8
0.282	317.1
0.28	320.3
0.278	321.2
0.314	318.4
0.357	315.3

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135.5212675	15.85
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192.7303409	15.85
176.8952147	15.79
135.7762441	15.76
186.6257896	15.72
141.9282093	15.71
146.6780426	15.7
142.8067836	15.66
143.1564895	15.67
141.2750152	15.64
141.2748	15.6
142.919245	15.59
149.7788447	15.58
143.4541915	15.56
144.169036	15.54
152.3697801	15.5
165.6909983	15.47
169.2222095	15.47
166.2266321	15.47
160.6036824	15.48
148.8864702	15.5
145.4118964	15.52
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143.23924	15.59
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173.9658487	15.6
183.8836779	15.6
174.1845669	15.61
166.2266321	15.63
157.0491672	15.65
155.008001	15.67
151.7361232	15.68
156.6530324	15.69
171.014516	15.71
187.6599662	15.74
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165.7545685	15.8
194.6299891	15.82
191.5488631	15.84
195.7142115	15.87
191.0071128	15.89
179.7400211	15.91
187.6599662	15.93
178.3888034	15.95
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183.7103804	16
193.5866754	16.03

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0.219	360	135.4622116	16.05	0.362	9.97	137.1604885
0.261	13.14	138.5960482	16.11	0.435	21.83	145.0138691
0.265	17.29	141.1827081	16.16	0.483	26.15	149.753695
0.149	41.24	177.6994887	16.15	0.318	33.25	160.3293909
0.058	141	176.5532489	16.04	0.152	91.5	141.2825466
0.067	164.2	141.4098131	15.98	0.094	84.3	142.2173074
0.099	192.1	138.0751192	15.94	0.082	240.5	163.7942737
0.151	267.2	141.5698857	15.91	0.297	277.4	142.1888102
0.246	254.6	147.1911034	15.87	0.47	260.8	143.4985715
0.224	291.6	151.0243214	15.84	0.472	295.4	155.2536405
0.257	290.3	149.7788447	15.88	0.571	278.9	142.6631883
0.227	274.2	141.5094486	15.81	0.588	267.3	141.5541247
0.214	278.8	142.6284203	15.76	0.608	267.2	141.5698857
0.271	282.9	144.4309631	15.74	0.597	275	141.6372805
0.25	295.6	155.5019575	15.73	0.528	279.7	142.9576428
0.347	287.6	147.4958051	15.71	0.682	277.1	142.105983
0.377	291.2	150.6306288	15.66	0.685	281.3	143.6345036
0.307	303.2	167.137323	15.61	0.589	289.4	148.9731899
0.257	311.5	186.0662962	15.58	0.497	297.4	157.8605159
0.274	316	191.2154206	15.6	0.492	298.3	159.1263255
0.201	321	176.5532489	15.61	0.409	300.8	162.9661204
0.228	315.1	194.2803784	15.63	0.443	298.6	159.5615734
0.232	304.2	169.0279442	15.66	0.489	292.6	152.0502072
0.223	297.8	158.4157786	15.68	0.509	290.5	149.9641021
0.267	293.2	152.6948941	15.71	0.535	289.6	149.1482972
0.248	291.6	151.0243214	15.74	0.517	289.6	149.1482972
0.209	297.6	158.1366964	15.76	0.471	291.4	150.8262993
0.178	313.1	190.7045403	15.77	0.402	300.2	161.9995159
0.141	331.3	155.7749165	15.76	0.383	309.1	179.7716623
0.135	339.2	145.7762909	15.77	0.355	313.5	191.9241395
0.126	333.8	152.1495751	15.79	0.335	311.5	186.0662962
0.156	323.9	169.5961403	15.82	0.397	307.2	175.2945059
0.177	315.8	191.884056	15.83	0.436	305.4	171.4237479
0.225	310.2	182.5632711	15.86	0.481	303.3	167.3221929
0.227	306.8	174.4043676	15.87	0.501	300.1	161.8412498
0.188	315.2	193.9326112	15.87	0.478	302.2	165.3383346
0.177	323.2	171.184873	15.88	0.429	305.5	171.6298847
0.2	331.3	155.7749165	15.9	0.427	313.4	191.6169031
0.204	345.4	140.557513	15.93	0.401	321.5	175.2809825
0.224	343.1	142.25535	15.96	0.444	322.2	173.55231
0.28	334.1	151.7450728	15.98	0.531	320	179.1954466
0.304	331.5	155.4675767	16.01	0.537	318.8	182.5470487
0.293	328.3	160.7752562	16.01	0.557	317.7	185.8042924
0.319	328.3	160.7752562	16.03	0.553	316.7	188.9294126
0.292	333.9	152.0140384	16.03	0.535	320.7	177.3320297
0.299	334.2	151.6116385	16.04	0.542	320.5	177.8577632
0.311	332	154.712722	16.04	0.529	320.6	177.5942369
0.309	333.8	152.1495751	16.06	0.532	323.1	171.416365
0.337	330.3	157.3589946	16.08	0.593	321.4	175.5328989
0.375	327.7	161.8681603	16.11	0.662	319.2	181.4071437

16.25	0.427	11.87	137.9665692	143.205435	Yes
16.28	0.518	18.77	142.3112785	136.3386269	Yes
16.32	0.583	24.32	147.6058711	142.2903109	Yes
16.38	0.661	28.47	152.7961027	143.1847499	Yes
16.41	0.482	35.64	164.8263973	169.1721487	Yes
16.28	0.196	54.23	176.133692	166.5386895	Yes
16.2	0.144	28.38	152.6710786	149.717603	Yes
16.15	0.106	278.6	142.5602372	157.4735033	Yes
16.13	0.319	299.1	160.3021067	142.4898199	Yes
16.06	0.449	280.9	143.4541915	144.7157856	Yes
16.12	0.573	314.2	195.7142115	147.9112457	Yes
16.19	0.638	290.5	149.9641021	145.5336607	Yes
16.1	0.593	276.5	141.9522815	141.5978924	Yes
16.01	0.547	273.7	141.4436643	143.7445828	Yes
15.97	0.615	276.8	142.0271438	144.2190275	Yes
15.93	0.619	280.2	143.1564895	149.9420508	Yes
15.92	0.766	282.4	144.169036	144.8286037	Yes
15.86	0.811	286.5	146.6780426	146.7872148	Yes
15.79	0.735	293.5	153.0256028	156.55095	Yes
15.77	0.667	296.9	157.1826166	166.0957077	Yes
15.81	0.649	297.5	157.9982448	171.7215371	Yes
15.86	0.567	299.7	161.2161624	163.7679099	Yes
15.9	0.587	300.8	162.9661204	166.3924632	Yes
15.96	0.607	302.2	165.3383346	155.4251862	Yes
15.99	0.621	302.7	166.2266321	152.0791143	Yes
16	0.633	302.3	165.5142265	149.9224841	Yes
16.01	0.633	303.7	168.0709172	147.9585752	Yes
16.04	0.605	304.4	169.4174385	150.8820076	Yes
16.01	0.542	310.6	183.6169505	168.370448	Yes
16.02	0.516	319.3	181.1257634	164.6432231	Yes
16.05	0.492	320.4	178.1226162	166.1451513	Yes
16.09	0.472	320.1	178.9252109	164.1296297	Yes
16.12	0.517	317.3	187.035022	164.8530343	Yes
16.13	0.549	315.3	193.5866754	166.2377101	Yes
16.16	0.604	312.6	189.2145397	162.4136453	Yes
16.18	0.663	309.5	180.7691609	159.0485675	Yes
16.21	0.62	311.3	185.5124012	166.2680689	Yes
16.22	0.588	313.7	192.5433417	165.5517515	Yes
16.26	0.544	317	187.9748679	177.5305264	Yes
16.29	0.521	319.3	181.1257634	161.3500545	Yes
16.29	0.56	320.1	178.9252109	160.4660838	Yes
16.32	0.642	318.8	182.5470487	174.1462561	Yes
16.34	0.686	320	179.1954466	174.2214203	Yes
16.36	0.693	319.6	180.290119	177.3117823	Yes
16.39	0.692	319	181.9742025	178.0338824	Yes
16.39	0.671	321.2	176.0405229	170.440516	Yes
16.39	0.681	321.3	175.7860767	171.7845804	Yes
16.39	0.663	322.2	173.55231	171.7245428	Yes
16.41	0.676	323.7	170.0444603	168.7815663	Yes
16.43	0.732	321.3	175.7860767	173.6688155	Yes
16.45	0.772	320.5	177.8577632	177.2791042	Yes

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7/31/2019	6:28	15.85	0.14
7/31/2019	6:29	15.87	0.111
7/31/2019	6:30	15.89	0.141
7/31/2019	6:31	15.92	0.067
7/31/2019	6:32	15.98	0.048
7/31/2019	6:33	16.05	0.085
7/31/2019	6:34	16.12	0.122
7/31/2019	6:35	16.16	0.102
7/31/2019	6:36	16.21	0.151
7/31/2019	6:37	16.24	0.133
7/31/2019	6:38	16.26	0.165
7/31/2019	6:39	16.29	0.242
7/31/2019	6:40	16.36	0.252
7/31/2019	6:41	16.43	0.252
7/31/2019	6:42	16.49	0.234
7/31/2019	6:43	16.55	0.179
7/31/2019	6:44	16.59	0.127
7/31/2019	6:45	16.63	0.098
7/31/2019	6:46	16.68	0.079
7/31/2019	6:47	16.74	0.067
7/31/2019	6:48	16.82	0.079
7/31/2019	6:49	16.88	0.067
7/31/2019	6:50	16.94	0.062
7/31/2019	6:51	17	0.057
7/31/2019	6:52	17.05	0.071
7/31/2019	6:53	17.11	0.112
7/31/2019	6:54	17.15	0.128
7/31/2019	6:55	17.21	0.155
7/31/2019	6:56	17.24	0.127
7/31/2019	6:57	17.3	0.247
7/31/2019	6:58	17.38	0.222
7/31/2019	6:59	17.45	0.178
7/31/2019	7:00	17.53	0.207
7/31/2019	7:01	17.61	0.225
7/31/2019	7:02	17.69	0.33
7/31/2019	7:03	17.74	0.35
7/31/2019	7:04	17.82	0.337
7/31/2019	7:05	17.88	0.391
7/31/2019	7:06	17.93	0.281
7/31/2019	7:07	17.99	0.383
7/31/2019	7:08	18.02	0.423
7/31/2019	7:09	18.07	0.37
7/31/2019	7:10	18.14	0.313
7/31/2019	7:11	18.21	0.429
7/31/2019	7:12	18.27	0.363
7/31/2019	7:13	18.33	0.296
7/31/2019	7:14	18.4	0.281
7/31/2019	7:15	18.47	0.378
7/31/2019	7:16	18.53	0.33
7/31/2019	7:17	18.6	0.318

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43.53	184.093601	16.8
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44.49	187.0039437	17.1
32.39	158.8372479	17.2
30.91	156.4147555	17.29
7.693	136.403054	17.38
0.883	135.445506	17.46
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342.9	142.4158267	17.68
336.4	148.8475437	17.83
352.2	137.0220917	18.01
17.87	141.611593	18.18
353.8	136.4921301	18.35
343.1	142.25535	18.51
13.8	138.952495	18.62
12.21	138.1278821	18.73
24.59	147.9094229	18.8
21.14	144.359446	18.88
35.39	164.3307284	18.88
42.29	180.5394822	18.93
44.56	187.2218283	19.01
49.33	188.8332918	19.08
50.2	186.3453391	19.17
48.26	192.047474	19.25
60.83	163.2453572	19.29
64.12	158.2479798	19.24
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76.93	145.5807491	19.26
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73.86	147.761468	19.25
72.91	148.5366943	19.21
75.73	146.3754511	19.19
69.06	152.198655	19.27
58.26	167.7696433	19.35
54	176.6631365	19.36
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52.53	180.1931781	19.49
58.42	167.4707512	19.56
52.1	181.2753983	19.61
50.08	186.6820493	19.67

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0.252	318.3
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0.174	12.08
0.194	20.77
0.273	32.02
0.296	41.87
0.335	45.4
0.359	45.97
0.423	47.93
0.456	51
0.363	42.45
0.471	26.91
0.365	17.1
0.369	12.13
0.265	358
0.238	0.71
0.212	359.5
0.193	4.929
0.226	1.789
0.196	351.6
0.234	353.3
0.272	10.28
0.265	12.76
0.326	18.77
0.346	25.28
0.432	26.68
0.356	40.86
0.412	42.59
0.373	49.89
0.426	54.78
0.447	53.52
0.551	62.2
0.631	64.52
0.518	69.61
0.556	71.04
0.479	70.81
0.59	71.36
0.69	71.96
0.543	69.88
0.532	63.49
0.68	62.26
0.669	53
0.653	57.61
0.56	56.74
0.706	55.52
0.668	57.46
0.612	54.85

189.898934	16.05
191.2154206	16.07
184.0049395	16.1
189.898934	16.13
154.5640391	16.18
137.21054	16.23
138.0655849	16.32
144.0195268	16.4
158.2146943	16.47
179.3854234	16.55
189.898934	16.61
191.7833137	16.66
193.0746687	16.74
184.1517432	16.86
180.9856069	16.98
150.7097577	17.06
141.0459134	17.15
138.0894546	17.23
135.6191797	17.3
135.4462447	17.4
135.4859439	17.52
135.7810672	17.66
135.4618056	17.78
137.249547	17.91
136.6458601	18.04
137.2810697	18.14
138.399965	18.23
142.3112785	18.29
148.7059344	18.36
150.4163421	18.36
176.7080701	18.42
181.3789414	18.48
187.2193532	18.55
174.8917667	18.64
177.7876583	18.72
161.0618684	18.77
157.6961913	18.74
151.6223242	18.75
150.2083631	18.76
150.4276905	18.74
149.9082849	18.73
149.3613755	18.69
151.3460834	18.69
159.1407253	18.76
160.9696689	18.83
179.0364331	18.85
169.0085705	18.9
170.7304497	18.99
173.2731631	19.06
169.3001852	19.11
174.7361104	19.18

0.394	328	161.3176459	16.13	0.64	319	181.9742025
0.385	324	169.3736382	16.14	0.591	318.9	182.2598979
0.343	324.2	168.9319213	16.16	0.477	317.6	186.1096044
0.329	324	169.3736382	16.18	0.511	319.3	181.1257634
0.264	332	154.712722	16.22	0.444	327.2	162.8040494
0.241	345.4	140.557513	16.27	0.357	340.8	144.2299319
0.263	5.789	135.940094	16.34	0.33	357.5	135.6843278
0.317	15.27	139.820015	16.41	0.414	9.53	136.9965823
0.316	30.13	155.2087741	16.49	0.453	22.67	145.8473086
0.367	36.43	166.433535	16.57	0.516	33.52	160.811165
0.332	42.19	180.2624819	16.63	0.568	39.35	172.9493824
0.406	41.2	177.5942369	16.7	0.626	42.15	180.1520732
0.523	39.65	173.6737978	16.79	0.76	43.42	183.769172
0.522	45.6	190.5537426	16.93	0.756	44.41	186.7558938
0.519	32.73	159.4195428	17.02	0.613	33.9	161.5002424
0.559	23.28	146.4784002	17.11	0.784	25.48	148.942463
0.514	13.14	138.5960482	17.17	0.677	13.24	138.6487559
0.453	7.72	136.4107264	17.22	0.623	11.8	137.9340071
0.42	359.5	135.4859439	17.26	0.497	3.721	135.6098366
0.371	0.305	135.4528037	17.32	0.453	2.99	135.5356618
0.308	4.023	135.6469518	17.4	0.415	4.651	135.7362768
0.301	1.234	135.4478014	17.5	0.369	4.986	135.7906495
0.263	1.669	135.4577004	17.6	0.403	0.113	135.4582783
0.274	354.4	136.3217962	17.69	0.371	354.6	136.2684311
0.276	354.9	136.1915717	17.78	0.404	359	135.5200067
0.303	13.45	138.7609492	17.86	0.483	9.36	136.935521
0.368	12	138.0276292	17.93	0.485	11.34	137.7255177
0.382	17.44	141.29199	17.98	0.519	16.37	140.5371254
0.406	19.51	142.9183087	18.04	0.569	21.69	144.8789076
0.43	25.39	148.8357077	18.05	0.654	25.97	149.5328747
0.458	36.8	167.2080708	18.1	0.583	34.99	163.5502789
0.502	41.8	179.1954466	18.16	0.593	36.62	166.8295021
0.459	51.61	182.5371978	18.23	0.533	44.88	188.2279646
0.446	58.74	166.8800431	18.32	0.546	51.66	182.4070262
0.484	55.33	173.6831248	18.41	0.586	54	176.6631365
0.721	63.39	159.2851335	18.47	0.778	60.45	163.87824
0.787	70.72	150.5143495	18.46	0.886	66.4	155.2536405
0.642	75.87	146.278978	18.47	0.703	69.94	151.285289
0.728	75.96	146.2174875	18.48	0.846	72.03	149.2988942
0.732	77.64	145.1444616	18.47	0.727	72.29	149.0692232
0.733	74.23	147.4726592	18.46	0.855	71.73	149.5686137
1.028	72.51	148.8778287	18.44	1.091	68.5	152.8045061
0.724	75.95	146.2242994	18.44	0.75	67.11	154.393612
0.706	67.22	154.263334	18.52	0.757	63.27	159.4594115
0.81	68.47	152.8375112	18.56	0.984	64.34	157.9430667
0.847	60.24	164.2332085	18.59	0.967	57.03	170.1482408
0.718	64.31	157.9844394	18.63	0.872	59.37	165.744202
0.64	67.32	154.1455828	18.71	0.678	59.82	164.9544507
0.855	59.87	164.8677915	18.79	0.961	56.5	171.2186266
0.83	62.52	160.5733857	18.84	0.899	58.37	167.5639002
0.78	56.78	170.6496481	18.91	0.81	52.9	179.2802945

16.45	0.763	320.8	177.0711342	174.7648591	Yes
16.46	0.732	319.9	179.4670474	178.4150919	Yes
16.45	0.624	320.5	177.8577632	180.0170288	Yes
16.46	0.604	321.3	175.7860767	176.6113832	Yes
16.49	0.53	325.8	165.5509953	165.4137223	Yes
16.53	0.453	335.8	149.5695304	140.3376996	Yes
16.61	0.425	350.3	137.796957	136.6319248	Yes
16.68	0.496	4.176	135.6672017	139.6152391	Yes
16.75	0.531	16.65	140.7291424	157.9654957	Yes
16.82	0.612	32.45	158.9392902	172.6809311	Yes
16.88	0.688	43.2	183.1257514	182.7756501	Yes
16.97	0.87	47.3	195.0846305	178.4848121	Yes
17.07	0.947	47.83	193.3893829	181.5315895	Yes
17.21	0.928	46.98	195.2639725	187.1163308	Yes
17.27	0.815	38.22	170.3155898	165.18566	Yes
17.32	0.897	28.97	153.5013467	150.6363441	Yes
17.37	0.783	21.38	144.5840232	138.6734429	Yes
17.4	0.727	20.16	143.4756204	136.9699235	Yes
17.44	0.629	13.72	138.9082094	137.0497683	Yes
17.49	0.544	14.45	139.3234526	137.2126342	Yes
17.56	0.526	11.63	137.8558479	138.929179	Yes
17.64	0.511	13.22	138.6381773	136.0104025	Yes
17.73	0.509	7.962	136.4808856	136.9973443	Yes
17.82	0.456	3.141	135.5491692	136.5829761	Yes
17.92	0.441	4.881	135.7731032	137.6531971	Yes
18	0.543	13.77	138.9358529	137.9825087	Yes
18.05	0.563	14.6	139.411891	138.0702485	Yes
18.08	0.623	18.5	142.096964	143.0124542	Yes
18.13	0.687	24.96	148.3327984	145.2156492	Yes
18.14	0.752	30.05	155.0877545	153.2789132	Yes
18.17	0.704	38.68	171.3699747	172.0014755	Yes
18.22	0.764	38.46	170.8627055	178.6564296	Yes
18.28	0.651	48.46	191.4333126	186.7044519	Yes
18.37	0.668	56.39	171.4443158	177.6310438	Yes
18.46	0.684	57.61	169.0085705	180.0453484	Yes
18.55	0.915	62.56	160.5128852	161.8676498	Yes
18.53	1.051	71.37	149.8990021	155.4280403	Yes
18.55	0.916	74.35	147.3805523	150.1586191	Yes
18.56	1.099	74.93	146.9460525	147.8263735	Yes
18.55	1.004	79.59	144.0726264	148.1305023	Yes
18.53	1.085	74.68	147.1311738	148.6777565	Yes
18.51	1.335	71.75	149.5504745	149.8951011	Yes
18.51	0.932	72.87	148.5704117	149.5848615	Yes
18.6	0.944	67.77	153.6236958	156.2655315	Yes
18.64	1.219	68.92	152.3483034	159.8799725	Yes
18.63	1.219	61.51	162.142643	172.5202548	Yes
18.66	0.999	65.7	156.1345891	164.6961022	Yes
18.76	0.915	62.48	160.6340101	167.5059153	Yes
18.83	1.162	61.47	162.2064648	169.2075831	Yes
18.87	1.158	66.09	155.63968	169.6782173	Yes
18.95	1.058	59.64	165.2682234	177.8370256	Yes

7/31/2019	7:18	18.65	0.407
7/31/2019	7:19	18.71	0.235
7/31/2019	7:20	18.77	0.275
7/31/2019	7:21	18.85	0.293
7/31/2019	7:22	18.92	0.353
7/31/2019	7:23	19	0.209
7/31/2019	7:24	19.08	0.342
7/31/2019	7:25	19.15	0.382
7/31/2019	7:26	19.21	0.355
7/31/2019	7:27	19.29	0.355
7/31/2019	7:28	19.33	0.484
7/31/2019	7:29	19.37	0.459
7/31/2019	7:30	19.38	0.508
7/31/2019	7:31	19.42	0.487
7/31/2019	7:32	19.42	0.422
7/31/2019	7:33	19.45	0.532
7/31/2019	7:34	19.47	0.473
7/31/2019	7:35	19.51	0.49
7/31/2019	7:36	19.55	0.423
7/31/2019	7:37	19.63	0.356
7/31/2019	7:38	19.72	0.326
7/31/2019	7:39	19.8	0.418
7/31/2019	7:40	19.85	0.413
7/31/2019	7:41	19.91	0.491
7/31/2019	7:42	19.95	0.438
7/31/2019	7:43	20	0.458
7/31/2019	7:44	20.06	0.509
7/31/2019	7:45	20.15	0.427
7/31/2019	7:46	20.21	0.362
7/31/2019	7:47	20.31	0.418
7/31/2019	7:48	20.38	0.44
7/31/2019	7:49	20.46	0.482
7/31/2019	7:50	20.52	0.347
7/31/2019	7:51	20.57	0.483
7/31/2019	7:52	20.61	0.387
7/31/2019	7:53	20.68	0.421
7/31/2019	7:54	20.74	0.368
7/31/2019	7:55	20.84	0.297
7/31/2019	7:56	20.9	0.381
7/31/2019	7:57	20.98	0.385
7/31/2019	7:58	21.04	0.47
7/31/2019	7:59	21.06	0.482
7/31/2019	8:00	21.04	0.444

52.9	179.2802945	19.72
46.1	192.2210107	19.76
45.43	189.9967208	19.86
48.17	192.3259003	19.98
42.62	181.463591	20.1
58.39	167.5266128	20.19
54.23	176.133692	20.31
52.26	180.8700058	20.36
62.03	161.3246367	20.37
51.81	182.0184533	20.41
57.64	168.9505069	20.38
50.25	186.2056423	20.33
50.75	184.8278086	20.24
58.35	167.6012245	20.22
65.71	156.1217693	20.15
53.76	177.2220588	20.16
55.73	172.8244989	20.16
59.21	166.0293027	20.2
53.67	177.4333717	20.25
55.98	172.2964041	20.41
63.41	159.2561921	20.57
45.17	189.1542843	20.68
48.23	192.1401405	20.73
53.43	178.0014967	20.79
55.61	173.0803088	20.76
58.34	167.6199006	20.77
67.98	153.3845868	20.79
55.13	174.118838	20.88
61.77	161.7309403	20.96
58.1	168.0709172	21.04
68.72	152.5641802	21.11
45.57	190.4550855	21.17
59.72	165.1284204	21.23
42.78	181.9172373	21.27
56.65	170.9128381	21.28
72.27	149.0867562	21.39
61.1	162.802978	21.46
75.75	146.3616079	21.63
72.45	148.9297607	21.79
61.02	162.9334261	21.94
69.02	152.2412889	21.99
91.8	141.2922309	21.95
75.01	146.8875022	21.88

0.789	57.13
0.593	48.51
0.62	47.73
0.524	52.01
0.652	42.34
0.487	56.55
0.68	51.48
0.642	57.43
0.725	62.33
0.681	60
0.999	60.71
1.037	55.07
1.017	61.2
1.06	61.37
1.05	62.31
1.055	62.87
0.995	65.55
1.079	63.67
0.912	70.3
0.732	68.32
0.833	66.91
1.016	60.4
0.962	58.98
1.199	58.45
1.127	62.61
1.103	64.28
1.008	69.92
0.87	64.23
0.95	65.23
0.994	68.41
1.022	63.29
0.968	63.68
1.007	65.11
1.044	57.87
0.874	66.18
0.872	71.53
0.836	73.86
0.555	78.73
0.809	79.06
0.712	72.25
0.892	77.53
1.094	91.2
0.807	77.44

169.9494063	19.22
191.2807491	19.25
193.7057158	19.34
181.5048542	19.44
180.6785084	19.54
171.1164453	19.61
182.8771678	19.7
169.3587684	19.75
160.862459	19.76
164.6434892	19.81
163.4439099	19.78
174.2503931	19.75
162.6406568	19.69
162.3665857	19.68
160.8930513	19.62
160.0481871	19.63
156.32771	19.64
158.8826673	19.69
150.9250156	19.73
153.0033804	19.87
154.6325076	19.99
163.9624173	20.09
166.4431367	20.14
167.4149727	20.19
160.4374336	20.19
158.0258772	20.2
151.30553	20.22
158.0950849	20.3
156.7449008	20.37
152.9036899	20.45
159.4302901	20.51
158.8684012	20.55
156.9031858	20.6
168.5082065	20.63
155.5269372	20.65
149.7512529	20.74
147.761468	20.79
144.522745	20.96
144.3458467	21.07
149.1043114	21.2
145.2104254	21.23
141.2767366	21.17
145.2648389	21.12

1.052	58.19	167.9011565	18.96	1.07	54.5	175.5198021
0.683	54.09	176.4552452	18.99	0.812	47.13	195.6382653
0.635	48.62	190.946475	19.07	0.747	46.26	192.763831
0.618	55.55	173.2087831	19.18	0.636	48.86	190.2236158
0.765	45.86	191.4152766	19.27	0.843	40.76	176.4502928
0.602	63.66	158.8969407	19.34	0.631	57.95	168.3555402
0.782	54.22	176.1565863	19.42	0.879	52.13	181.1991412
0.809	63.8	158.6977847	19.47	0.828	56.44	171.3415778
0.91	66.41	155.2412951	19.47	0.895	59.74	165.0935569
0.852	66.22	155.4770048	19.52	0.794	55.58	173.1444984
1.142	64.14	158.2201154	19.5	1.241	60.28	164.1653068
1.109	57.73	168.7768326	19.47	1.168	52.82	179.4762566
1.127	64.74	157.3976066	19.44	1.184	59.07	166.2806371
1.249	62.72	160.2721187	19.43	1.366	59.32	165.8330518
1.206	67.29	154.18084	19.37	1.338	62.14	161.1543504
1.34	63.57	159.0257357	19.38	1.348	57.04	170.1283131
1.192	68.66	152.6294255	19.4	1.198	60.92	163.097228
1.221	67.44	154.0051372	19.44	1.34	61.44	162.254416
1.113	73.16	148.3279429	19.48	1.105	64.34	157.9430667
0.913	72.27	149.0867562	19.61	0.817	66.69	154.8983318
0.922	69.58	151.653288	19.72	0.971	62.61	160.4374336
1.182	62.77	160.1972833	19.81	1.232	55.85	172.5702
1.056	59.87	164.8677915	19.85	1.09	52.38	180.5680717
1.244	58.95	166.4974652	19.91	1.359	53.2	178.5523232
1.211	65.77	156.0449948	19.93	1.343	58.47	167.3778331
1.262	68	153.3619607	19.96	1.256	59.07	166.2806371
1.191	74.85	147.0049361	19.99	1.21	66.87	154.6806018
1.117	63.18	159.5908303	20.04	1.029	58.29	167.7134201
1.084	67.62	153.7962113	20.11	1.156	56.3	171.6298847
1.141	69.2	152.0502072	20.19	1.192	62.18	161.0926643
1.184	67.86	153.5208767	20.24	1.297	60.89	163.1465298
1.125	67.25	154.2279405	20.27	1.161	58.32	167.6572806
1.068	71.19	150.0669692	20.32	1.18	63	159.8555038
1.249	60.38	163.9961475	20.35	1.385	52.51	180.2430026
1.068	68.91	152.3590387	20.38	1.102	61.46	162.2224404
1.061	72.76	148.6635874	20.47	1.026	67.71	153.6925291
1.041	71.51	149.7696417	20.52	0.962	63.56	159.0400833
0.707	80.8	143.4985715	20.66	0.663	72.06	149.2722006
0.962	80.4	143.6807474	20.76	0.935	74.51	147.258926
0.885	75.46	146.5643398	20.88	0.888	69.15	152.1030868
1.195	79.73	144.0026829	20.9	1.155	73.48	148.0657023
1.306	92.7	141.344545	20.86	1.419	88.3	141.4203824
1.03	76.51	145.8506375	20.82	1.043	70.76	150.4757762

18.97	1.382	59.65	165.2507175	173.1626649	Yes
19.01	0.941	55.8	172.6759748	188.8988176	Yes
19.1	0.856	50.24	186.2335535	191.8531857	Yes
19.23	0.718	57.81	168.6231039	184.3157883	Yes
19.32	0.957	50.94	184.3132276	182.5019172	Yes
19.41	0.811	62.32	160.8777513	166.4738848	Yes
19.46	1.029	59.04	166.3347228	179.0916468	Yes
19.5	1.039	64.25	158.0673801	170.0670342	Yes
19.51	1.152	64.68	157.4786964	160.6304869	Yes
19.54	1.113	63.46	159.1839694	168.8208614	Yes
19.51	1.602	67.2	154.2869623	163.6949597	Yes
19.46	1.378	59.23	165.9935407	177.1772811	Yes
19.43	1.485	64.27	158.0397043	167.7866772	Yes
19.43	1.742	65.72	156.1089564	164.0182452	Yes
19.36	1.683	69.7	151.529758	158.0875028	Yes
19.38	1.735	64.64	157.5328987	166.6060737	Yes
19.4	1.604	70.22	151.004413	161.2197156	Yes
19.45	1.651	70.21	151.0143643	160.2928808	Yes
19.51	1.358	73.37	148.1552217	158.6573492	Yes
19.67	1.138	73.68	147.9046121	157.3212181	Yes
19.78	1.207	73.41	148.1225935	156.4948553	Yes
19.86	1.596	65.16	156.8371113	171.4710462	Yes
19.89	1.226	62.01	161.3557005	176.0047851	Yes
19.94	1.575	63.35	159.3431062	172.6165644	Yes
19.96	1.642	69.03	152.2306212	164.2351426	Yes
19.99	1.631	67.58	153.8424591	161.3220939	Yes
20.02	1.63	72.38	148.9906005	151.5939137	Yes
20.08	1.449	66.19	155.514444	164.8795433	Yes
20.12	1.393	66.03	155.7151463	160.9754843	Yes
20.21	1.51	72.55	148.8433181	158.5293697	Yes
20.24	1.688	68.95	152.3161345	157.1654692	Yes
20.27	1.543	68.04	153.3167846	167.8021769	Yes
20.31	1.534	72.66	148.7488701	157.9885198	Yes
20.35	1.581	62.97	159.8998549	173.6661485	Yes
20.4	1.352	69.3	151.9449052	160.2553136	Yes
20.5	1.424	73.38	148.1470565	150.2985314	Yes
20.57	1.19	65.13	156.876735	154.8435428	Yes
20.74	0.934	76.22	146.0421606	145.9137813	Yes
20.86	1.136	76.88	145.6124162	146.0538202	Yes
20.95	1.299	75.98	146.203879	152.676291	Yes
20.96	1.519	79.37	144.1844153	147.3800249	Yes
20.9	1.797	94.3	141.5239064	141.3334737	Yes
20.89	1.277	74.09	147.5810817	147.1196887	Yes

Chemical:
MRID:
PC Code:
Plot:
Guideline:

Plot soybean
Sampling Period
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Study authors excluded the data points from 0.9 m for period 3, 0.15 m for period 4, 0.15 m for period 7, 0.55 m for perio
The reviewer excldued all of these but the period 3 data point, as it followed the general trend of descreasing concentratic

Dicamba DGA and S-metolachlor
50958201
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

	Air Concentrations (µg/m^3) at He		
DTG	0.4	0.58	0.8
7/24, 11:32 - 15:23	0.011302013	0.009587337	0.006990248
7/24, 15:28 - 18:04	0.01067511	0.009676381	0.007029364
7/24-25, 18:09 - 7:41	0.003000471	0.002499579	0.002078606
7/25, 7:44 - 18:03		0.002894485	0.002760371
7/25-26, 18:07 - 7:21	0.001136512	0.000772059	0.000856288
7/26, 7:23 - 17:58	0.003491709	0.002461759	0.002319687
7/26-27, 17:39 - 7:47		0.000572264	0.000577903
7/27, 7:51 - 18:15	0.002705623	0.002516675	
7/27-28, 18:23 - 7:55	0.00080405	0.000603498	0.000577201
7/28, 7:57 - 17:56	0.00227462	0.001672389	0.00119422
7/28-29, 18:01 - 10:11	0.000792608	0.000658017	0.00048643
7/29, 10:13 - 18:05	0.000265716	0.000105781	0.000107995
7/29-30, 18:10 - 7:54	6.19193E-05	6.45901E-05	6.19637E-05
7/30, 7:57 - 18:05	8.20056E-05	8.15234E-05	8.0524E-05
7/30-31, 18:09 - 7:54	6.32433E-05	6.35612E-05	6.24997E-05

d 8, and 1.5 m for period 11 as outliers (Appendix III, Appendix B, p. 393 of the study report).
on with height.

ights (m)		Regressed Logarithmic Profile Quality		
1.15	1.75	m	b	r^2
0.00533328	0.00491221	-0.004630634	0.006712983	0.934942361
0.005621656	0.004397993	-0.004534759	0.006586949	0.966518521
0.001944182	0.000982968	-0.001270876	0.001850853	0.953990874
0.002348213	0.001916568	-0.000917445	0.0024642	0.975206696
0.000670969	0.000654003	-0.000292656	0.000760326	0.739028745
0.001711311	0.001337601	-0.001389101	0.00199082	0.942237139
0.000577699	0.000538336	-2.9314E-05	0.000566048	0.538578986
0.00149525	0.001059105	-0.001184003	0.001718717	0.980775485
0.000422515	0.000350645	-0.000298763	0.000492738	0.952709422
0.000877831	0.000740171	-0.001051827	0.001144682	0.928892457
0.000445002		-0.000346823	0.000461606	0.948134174
0.000106533	0.000107834	-8.55177E-05	0.000121929	0.48091825
6.17242E-05	6.24153E-05	-4.68304E-07	6.24303E-05	0.051884301
7.91894E-05	8.28234E-05	-9.28854E-08	8.11949E-05	0.001449144
6.26402E-05	6.17943E-05	-1.04949E-06	6.25411E-05	0.772326344

Note: Measured air concentrations should be corrected for low field spike recoveries <90 percent.

Chemical: Dicamba DGA and S-metolachlor
MRID: 50958201
PC Code: 128931 (Dicamba DGA) and 108800 (S-metolachlor)
Plot: Soybean
Guideline: 835.8100

		Average Wind Speed (m/s) at Heights			
Sampling Period	DTG	0.4	0.58	0.8	1.15
1	7/24, 11:32 - 15:23	0.75	0.94	1.11	1.29
2	7/24, 15:28 - 18:04	0.79	1.03	1.19	1.44
3	7/24-25, 18:09 - 7:41	0.18	0.27	0.34	0.41
4	7/25, 7:44 - 18:03	0.66	0.88	1.02	1.24
5	7/25-26, 18:07 - 7:21	0.37	0.53	0.67	0.82
6	7/26, 7:23 - 17:58	1.05	1.68	1.94	2.40
7	7/26-27, 17:39 - 7:47	0.52	0.82	1.01	1.23
8	7/27, 7:51 - 18:15	0.86	1.54	1.82	2.27
9	7/27-28, 18:23 - 7:55	0.38	0.62	0.77	0.97
10	7/28, 7:57 - 17:56	0.96	1.87	2.22	2.80
11	7/28-29, 18:01 - 10:11	0.52	1.00	1.18	1.46
12	7/29, 10:13 - 18:05	0.51	1.48	1.81	2.33
13	7/29-30, 18:10 - 7:54	0.18	0.51	0.64	0.82
14	7/30, 7:57 - 18:05	0.39	1.37	1.68	2.11
15	7/30-31, 18:09 - 7:54	0.12	0.32	0.41	0.55

Sampling Period	DTG	Average Fetch (m)
1	7/24, 11:32 - 15:23	154
2	7/24, 15:28 - 18:04	152
3	7/24-25, 18:09 - 7:41	154
4	7/25, 7:44 - 18:03	159
5	7/25-26, 18:07 - 7:21	151
6	7/26, 7:23 - 17:58	146
7	7/26-27, 17:39 - 7:47	140
8	7/27, 7:51 - 18:15	166
9	7/27-28, 18:23 - 7:55	146
10	7/28, 7:57 - 17:56	148
11	7/28-29, 18:01 - 10:11	148
12	7/29, 10:13 - 18:05	158
13	7/29-30, 18:10 - 7:54	154
14	7/30, 7:57 - 18:05	154
15	7/30-31, 18:09 - 7:54	157

(m)	Regressed Logarithmic Profile Quality		
1.75	m	b	r^2
1.50	0.502634192	1.216505815	0.999921636
1.68	0.608176862	1.347244163	0.998665364
0.53	0.227622303	0.392115959	0.997960607
1.42	0.511820916	1.144396614	0.99717244
0.98	0.413805031	0.755539286	0.999047469
2.79	1.150073452	2.199892118	0.985717921
1.43	0.610889073	1.122670714	0.991428179
2.63	1.170665049	2.054337576	0.978318628
1.16	0.525552658	0.885777239	0.995644607
3.30	1.537874507	2.533614558	0.977814867
1.76	0.807044965	1.341416631	0.980980257
2.69	1.429856885	2.047052448	0.952224926
1.01	0.54637566	0.739013819	0.976189731
2.50	1.354951339	1.878476954	0.943761888
0.69	0.377916571	0.492966391	0.98987852

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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No flux was calculated for periods 11-15 because dicamba was measured at less than the LOD (Appendix III, Table 4, p.

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
50958201
128931 (Dicamba DGA) and 108800 (S-metolachlor)
Soybean
835.8100

		Air (
Sample Interval Times	Duration (Hrs.)	Slope
7/24, 11:32 - 15:23	3.85	-0.004630634
7/24, 15:28 - 18:04	2.60	-0.004534759
7/24-25, 18:09 - 7:41	13.53	-0.001270876
7/25, 7:44 - 18:03	10.32	-0.000917445
7/25-26, 18:07 - 7:21	13.23	-0.000292656
7/26, 7:23 - 17:58	10.58	-0.001389101
7/26-27, 17:39 - 7:47	14.13	-2.9314E-05
7/27, 7:51 - 18:15	10.40	-0.001184003
7/27-28, 18:23 - 7:55	13.53	-0.000298763
7/28, 7:57 - 17:56	9.98	-0.001051827
7/28-29, 18:01 - 10:11	16.17	-0.000346823
7/29, 10:13 - 18:05	7.87	NA
7/29-30, 18:10 - 7:54	13.73	NA
7/30, 7:57 - 18:05	10.13	NA
7/30-31, 18:09 - 7:54	13.75	NA

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calculate zmax.

zmax = exp ((0.1 - bc)/mc)

zmax = exp (-bc/mc)

Concentrations			Wind Speed				face and Boundary Layer Parame		
Intercept	RSq		Slope	Intercept	RSq		Fetch (m)	Roughness Length (m)	Z_{max} (m)
0.006712983	0.934942361		0.50	1.22	1.00		154	0.09	4.26
0.006586949	0.966518521		0.61	1.35	1.00		152	0.11	4.27
0.001850853	0.953990874		0.23	0.39	1.00		154	0.18	4.29
0.0024642	0.975206696		0.51	1.14	1.00		159	0.11	14.67
0.000760326	0.739028745		0.41	0.76	1.00		151	0.16	13.44
0.00199082	0.942237139		1.15	2.20	0.99		146	0.15	4.19
0.000566048	0.538578986		0.61	1.12	0.99		140	0.16	25.00
0.001718717	0.980775485		1.17	2.05	0.98		166	0.17	4.27
0.000492738	0.952709422		0.53	0.89	1.00		146	0.19	5.20
0.001144682	0.928892457		1.54	2.53	0.98		148	0.19	2.97
0.000461606	0.948134174		0.81	1.34	0.98		148	0.19	3.78
NA	NA		1.43	2.05	0.95		158	NA	NA
NA	NA		0.55	0.74	0.98		154	NA	NA
NA	NA		1.35	1.88	0.94		154	NA	NA
NA	NA		0.38	0.49	0.99		157	NA	NA

	Estimated Flux ($\mu g/m^2 \cdot s$)
	0.0001287
	0.0001408
	0.0000112
	0.0001291
	0.0000269
	0.0000702
	0.0002192
	0.0000507
	0.0000085
	0.0000338
	0.0000089