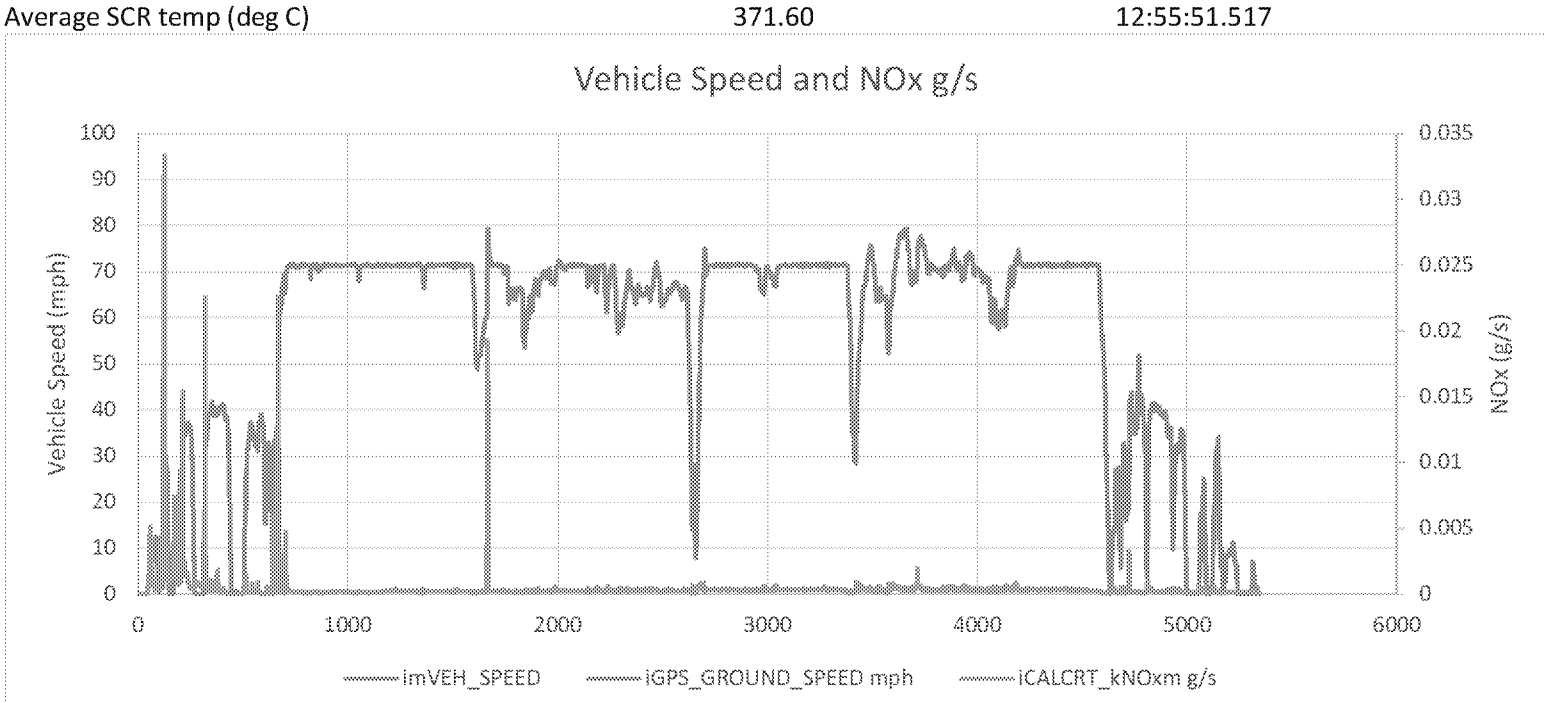
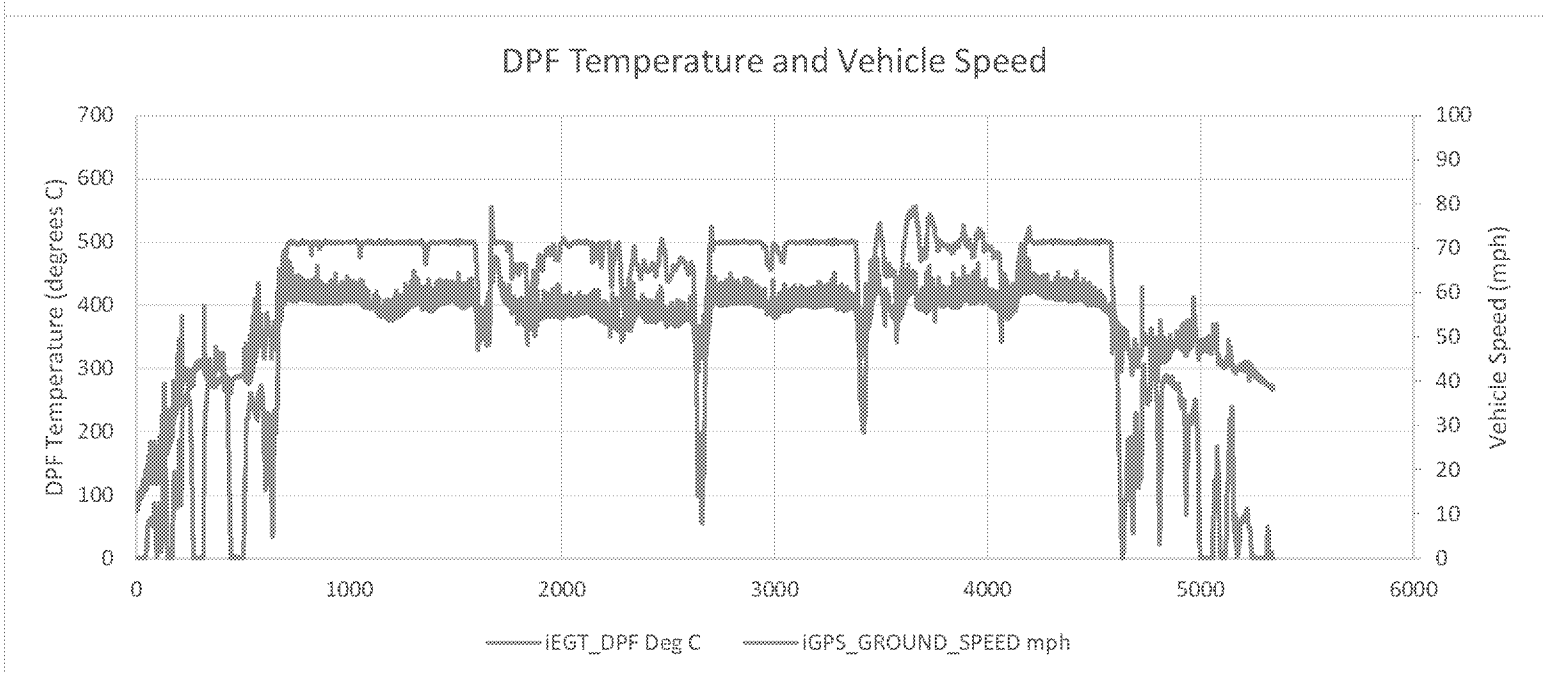
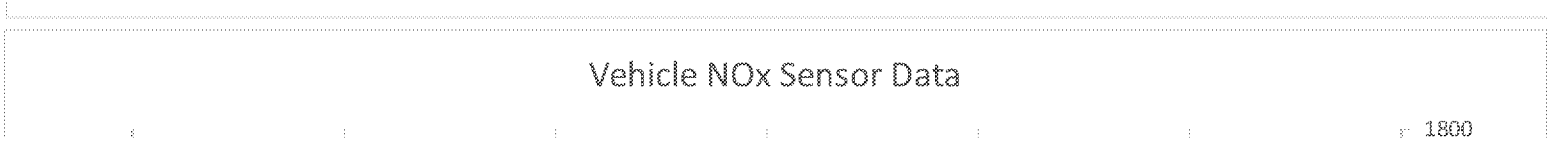
Test Duration (s)	5343
Calculated Test Duration (s)	5343
Average Ambient Temperature (deg C)	24.09
Calculated Average Ambient Temperature (deg C)	24.10
Total Distance Traveled (mi)	78.955
Calculated Total Distance Traveled (mi)	82.280
Total Fuel Consumed (gal)	2.920
Calculated Total Fuel Consumed (gal)	2.920
Overall Fuel Economy (mpg)	27.04
Calculated Overall Fuel Economy (mpg)	28.18
kNOx (g) (corrected NOx)	2.28
Calculated kNOx (g) (corrected NOx)	2.28
kNOx (g/mi) (corrected NOx)	0.029
Calculated kNOx (g/mi) (corrected NOx)	0.028
THC (g)	0.613
Calculated THC (g)	0.613
THC (g/mi)	0.008
Calculated THC (g/mi)	0.007
1st Measured ECT (deg F)	174.2
Test Start Time	12:55:30.517
Test Stop Time	14:24:32.517
Average Speed (mph)	55.44
Regeneration Event?	Yes
Average SCR temp (deg C)	371.60

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
12:55:30.517		57.3	759
12:55:31.517		57.3	760
12:55:32.517		58.4	761
12:55:33.517		56.5	760
12:55:34.517		56.6	762
12:55:35.517		56	759
12:55:36.517		55.7	760
12:55:37.517		55.4	760
12:55:38.517		55.3	758
12:55:39.517		55.6	757
12:55:40.517		56.7	760
12:55:41.517		57.9	760
12:55:42.517		55.6	758
12:55:43.517		55.7	769
12:55:44.517		49.2	774
12:55:45.517		36.6	752
12:55:46.517		38.5	756
12:55:47.517		39.2	762
12:55:48.517		39.1	764
12:55:49.517		37.6	759
12:55:50.517		39.7	753
12:55:51.517		38.5	761
		38.5	762
		37.8	759
		37.2	759
		37.9	756
		39.9	754
		34.1	756
		44.7	728
		55.6	766
		56.2	763
		55.3	760
		54.5	760
		55.3	756
		55.7	759
		55.7	760
		56.1	757
		56.4	760
		57.5	758
		60.8	750
		63.5	746
		64.6	755
		64.9	760
		65.5	758
		67	766
		65.3	849
		63	957
		68	998
		69.1	1036
		68.2	1101
		70.4	1260
		60.9	1378
		49.6	1324
		59	1430
		62.3	1457
		59.3	1487
		31.8	1369
		58.1	1090
		64.8	1040
		62.4	1010
		60.5	1009







imVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iSCB_LAT	ikNOxzw
	g/s	Deg C	Deg C	mph	gal/s	g/s	g/s	deg C	ppm
	10.35571	115.9	73.764692	0	0.000037	0	0.00002	28	0
	10.56818	118.036112	83.490985	0	0.000038	0	0.00001	28	0
	10.65597	122.136134	74.918742	0	0.000041	0	0	28	0
	10.62565	126.236157	76.285776	0	0.000045	0	0.00001	28	0
	10.43987	130.336179	77.676471	0	0.000051	0	0	28	0
	10.3058	134.282182	103.513074	0	0.000059	0	0.00002	28	0
	10.25848	136.50391	80.891439	0	0.000068	0	0.00001	28	0
	10.31332	138.725639	82.120499	0	0.000077	0	0.00002	28	0
	10.32087	140.947367	84.036921	0	0.000084	0	0.00004	28	0
	10.30319	143.169096	90.613889	0	0.000091	0	0.00003	28	0
	10.47784	144.987301	99.536364	0	0.000097	0	0.00005	28	0
	10.55215	146.514498	87.598925	0	0.000101	0	0.00003	28	0
	10.32891	148.041695	88.943478	0	0.000104	0	0.00005	28	0
	10.10112	149.568891	89.478145	0	0.000107	0	0.00004	28	0
	9.78782	151.096088	105.87129	0	0.000108	0	0.00004	28	0.1
	9.43188	150.467329	96.578129	0	0.000106	0	0.00004	28	0.1
	9.38771	149.302945	92.162987	0	0.000109	0	0.00004	28	0.1
	9.46577	148.138562	92.875781	0	0.00011	0	0.00005	28	0.2
	9.44	146.974178	93.543165	0	0.00011	0	0.00004	28	0.2
	9.56354	146.099957	110.306466	0	0.00011	0	0.00005	28	0.2
	9.39183	145.624795	94.951544	0	0.000108	0	0.00003	28	0.2
	9.58147	145.149633	96.076562	0	0.000106	0	0.00003	28	0.2
	9.58094	144.674471	96.807333	0	0.000102	0	0.00004	28	0.2
	9.44	144.199309	106.915	0	0.000097	0	0.00002	28	0.1
	9.53591	144.01603	101.842922	0	0.000093	0	0.00003	28	0.1
	9.37808	143.909873	97.720725	0	0.00009	0	0.00002	28	0.1
	9.39163	143.803715	98.567609	0	0.000087	0	0.00003	28	0.1
	9.54572	143.697558	99.586223	0	0.000085	0	0.00002	28	0.1
	8.74097	143.821872	119.293741	0	0.000082	0	0.00002	28	0.1
	10.14838	146.561029	100.484672	0	0.000084	0	0.00003	28	0.2
	9.88	149.300187	101.4	0	0.000081	0	0.00001	28	0.2
	9.92465	152.039344	101.810775	0	0.000081	0.00001	0.00004	28	0.6
	9.9829	154.778502	102	0	0.000082	0.00002	0.00002	28	1.1
	9.72973	157.238447	125.972124	0	0.000082	0.00002	0.00003	28	1.3
	10.0194	158.911907	103.543226	0	0.000085	0.00004	0.00003	28	2.6
	10.12639	160.585368	104.2	0	0.000089	0.00006	0.00003	28	3.8
	10.15701	162.258829	104.732491	0	0.000093	0.00008	0.00004	28	5
	9.96752	163.932289	111.934392	0	0.000096	0.0001	0.00002	27.5	6.3
	9.92858	166.585565	118.553222	0	0.0001	0.00013	0.00004	27	7.8
	10.45666	169.889335	106.297837	0	0.000108	0.00016	0.00003	27	9.4
	11.38963	173.193104	106.485733	0	0.000118	0.00021	0.00004	27	11
	11.82106	176.496874	107.5	0	0.000123	0.00023	0.00004	27	12.2
	12.06846	179.953022	139.176402	0.1	0.000127	0.00026	0.00003	27	13.4
	11.76597	184.931283	108.689968	1.2	0.000132	0.0003	0.00005	27	15
	12.77969	189.909543	109.362868	1.4	0.000147	0.00035	0.00004	27	16.5
	14.57055	194.887804	110.096016	1.7	0.00018	0.00045	0.00006	27	18.1
	16.54778	199.866065	111.345	1.8	0.000209	0.00056	0.00005	27	20.4
	16.98916	206.377079	137.780934	2.2	0.00023	0.00068	0.00005	27	23.6
	17.2785	214.477036	112.5	2.6	0.00024	0.00086	0.00004	27	29.5
	18.16157	222.576993	113.053903	3.2	0.000245	0.00105	0.00003	27	35.8
	18.33208	230.67695	114.072577	4.1	0.000284	0.00151	0.00005	27	44.9
	16.71971	238.776907	150.130411	4.9	0.000259	0.00186	0.00002	27	61.1
	16.60593	240.477395	115.9	5.9	0.000264	0.00244	0.00006	27	79.9
	19.41364	241.039699	116.095067	7	0.000276	0.00329	0.00006	27	103.2
	18.41325	241.602002	116.8607	7.2	0.000264	0.00419	0.00014	27	135.6
	18.68318	242.164305	117	7.1	0.000263	0.00498	0.00018	27	157.1
	17.66738	242.732844	160.040237	7.5	0.000254	0.00515	0.00019	27	165
	15.96732	243.310622	117.826116	7.6	0.000238	0.00467	0.0002	27	158.6
	14.92613	243.8884	118	8.1	0.000202	0.00377	0.00019	27	148.1
	13.57047	244.466178	118	8.4	0.000192	0.00339	0.00027	27	137.6
	14.4744	245.043956	155.347846	8.7	0.000195	0.00315	0.00028	27	125.6

iNOX_B1S1 ppm	iNOX_B1S2	sDPF_REGEN 0/1	Accum kNOx g
		0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0
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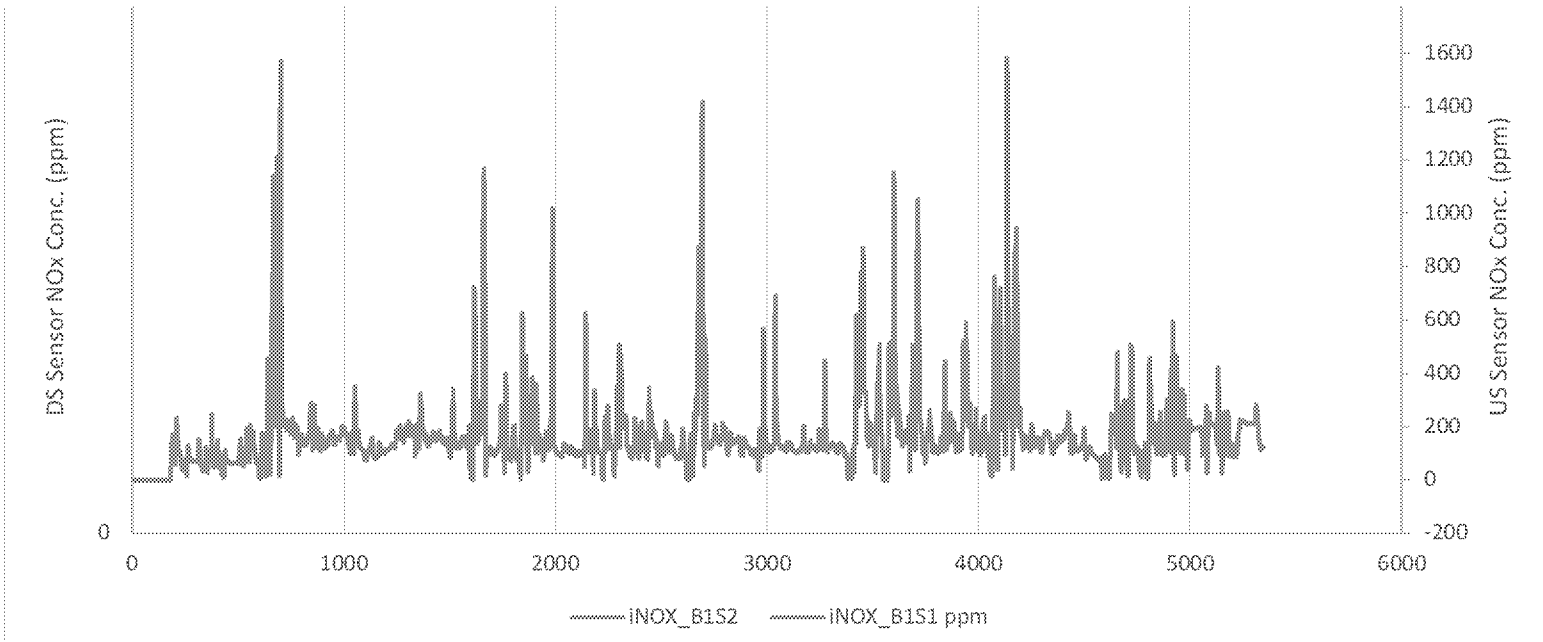
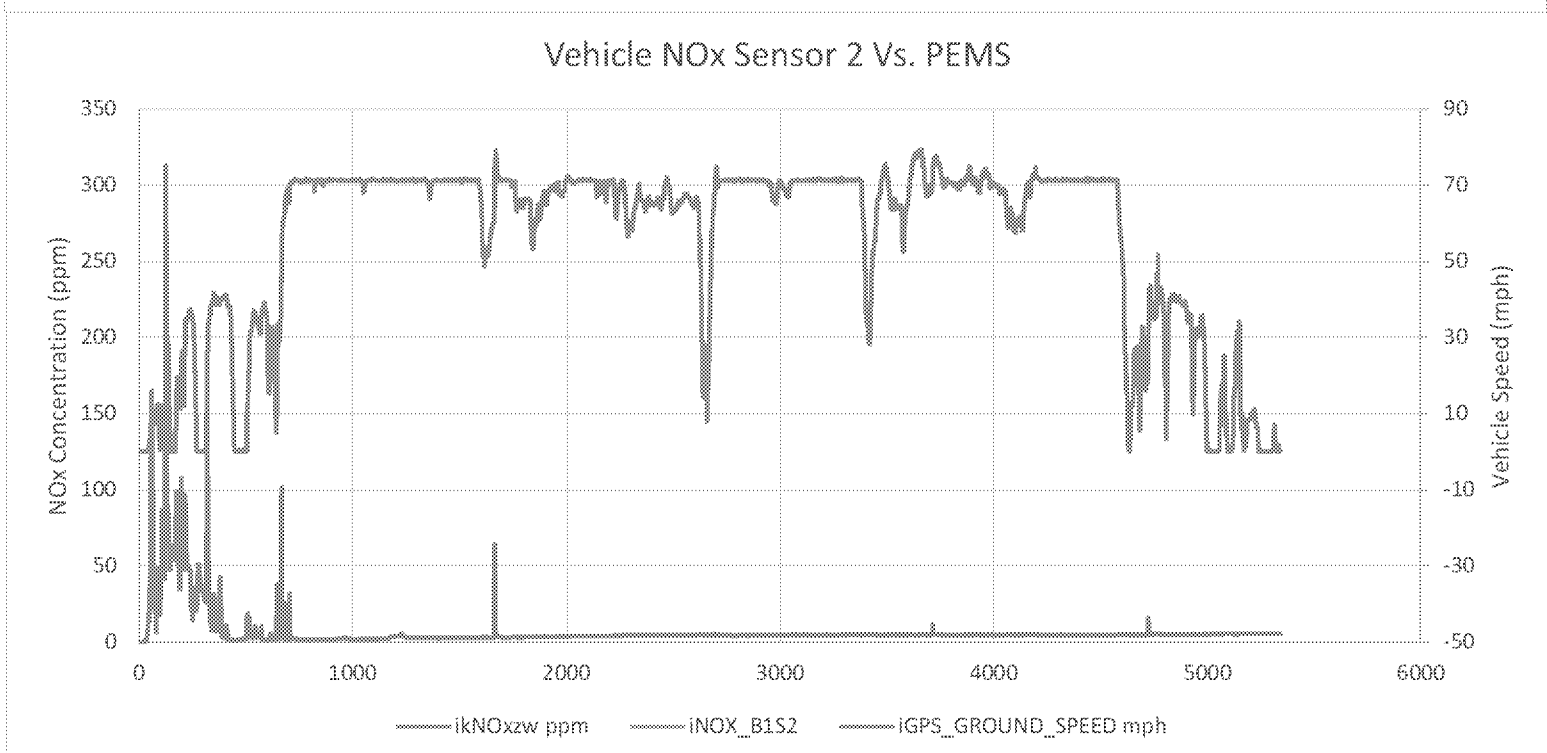
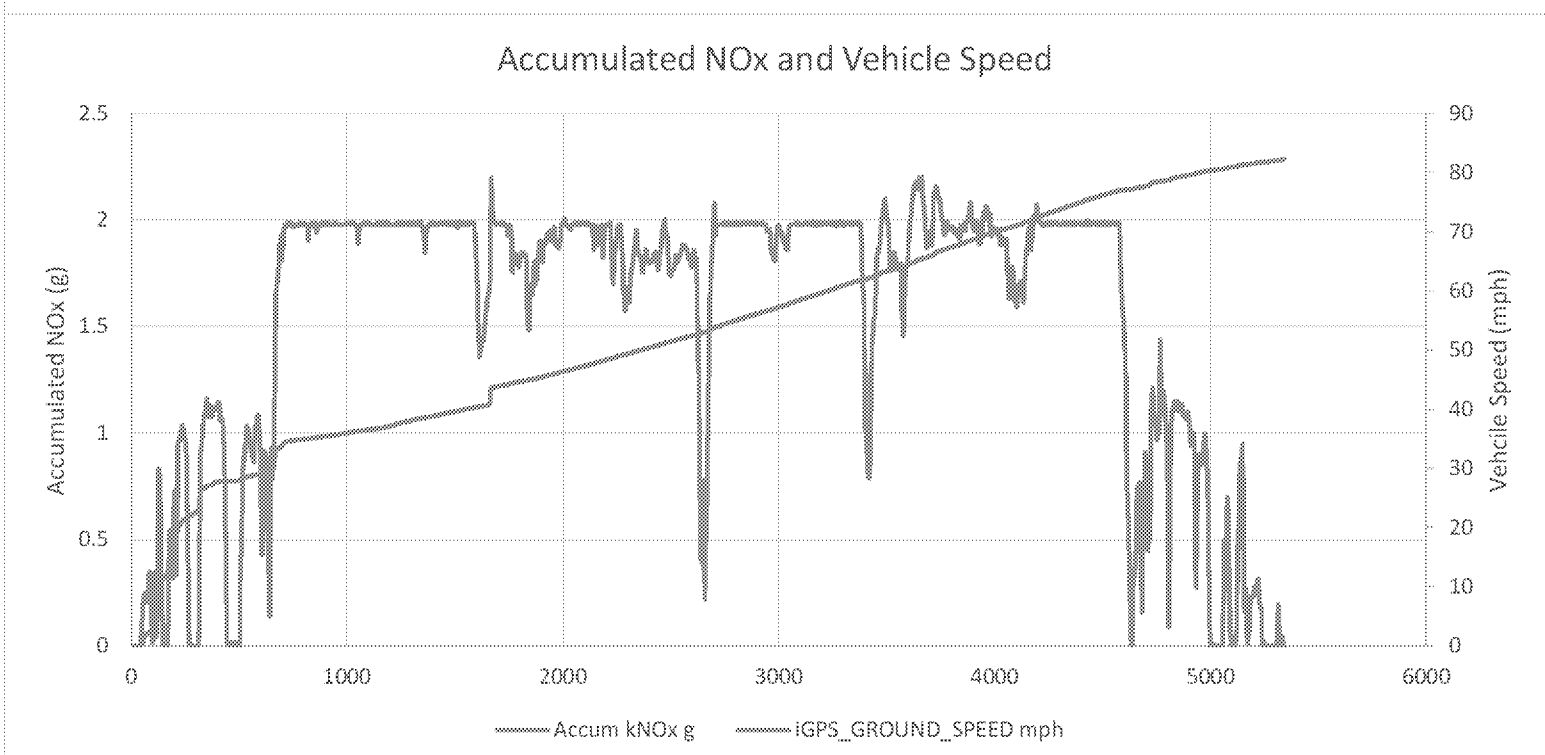
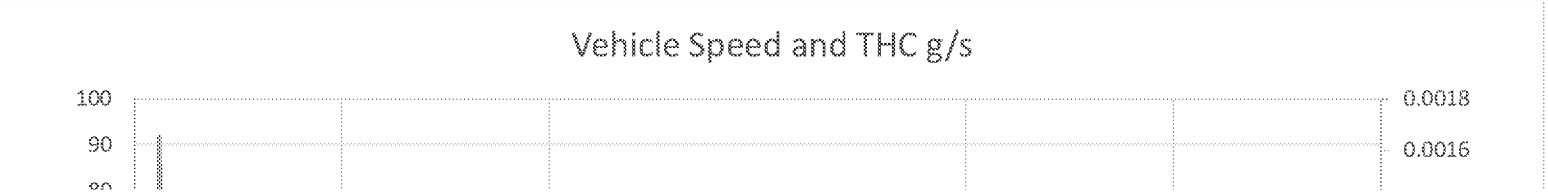
	-1	0	0
	-1	0	0
	-1	0	0
	-1	0	0.00001
	-1	0	0.00003
	-1	0	0.00005
	-1	0	0.00009
	-1	0	0.00015
	-1	0	0.00023
	-1	0	0.00033
	-1	0	0.00046
	-1	0	0.00062
	-1	0	0.00083
	-1	0	0.00106
	-1	0	0.00132
	-1	0	0.00162
	-1	0	0.00197
	-1	0	0.00242
	-1	0	0.00298
	-1	0	0.00366
	-1	0	0.00452
	-1	0	0.00557
	-1	0	0.00708
	-1	0	0.00894
	-1	0	0.01138
	-1	0	0.01467
	-1	0	0.01886
	-1	0	0.02384
	-1	0	0.02899
	-1	0	0.03366
	-1	0	0.03743
	-1	0	0.04082
	-1	0	0.04397









61.4	1006
60.7	997
61.4	1019
64.8	1020
62.1	1017
60	1046
62	1052
61.4	1026
53.9	897
50.2	791
52.3	786
59.1	864
63.9	988
61.5	984
65.4	1051
74.5	1159
72.9	1283
73.7	1352
72.5	1424
66.2	1441
44.8	1357
35	1233
40.5	1162
41	1170
37.4	955
40.7	824
48.3	774
55	776
61.9	738
62.5	763
63.2	767
62.9	761
63.6	758
64.7	759
62.6	759
73.5	1148
64.9	779
59.9	735
64.5	794
66.3	938
80.2	1292
92.9	1600
79.3	1664
77	1454
72	1423
62.5	1408
36.8	1205
36.5	1047
40.3	853
58.4	758
63.9	736
64.4	770
64.3	762
53.9	922
60.9	833
79.9	1150
97.7	1446
99.5	1745
95.2	2175
84.8	2164
79.9	1745
85	1761
80.5	1924

14.51435	245.842818	121.628804	8.6	0.00019	0.00269	0.00028	27	110.1
13.46583	246.665429	118.680369	8.7	0.000188	0.00218	0.00032	27	89.4
15.633	247.48804	119.1	9	0.000199	0.00192	0.00032	27	73.6
15.13554	248.310652	119.1	9	0.00019	0.00152	0.00034	27	60.2
13.73984	249	183.856119	8.7	0.000185	0.0012	0.00029	27	48.4
14.89922	249	119.1	8.7	0.000199	0.00111	0.00033	27	41.7
15.36234	249	119.1	8.9	0.000199	0.001	0.00031	27	37.6
13.46796	249	119.1	9.1	0.00018	0.00087	0.00029	27	36
11.505	249	139.69577	9.1	0.000152	0.00072	0.00025	27	35.5
10.02642	248.140704	135.910746	9	0.000138	0.00064	0.00022	27	34.4
10.33262	246.838739	119.7	8.9	0.000135	0.00058	0.00021	27	31.7
13.55155	245.536775	119.285319	7.9	0.00017	0.00066	0.00025	27	28.6
16.15727	244.23481	119.7	7.5	0.000188	0.00062	0.00031	27	23.3
12.71874	245.368	171.59251	7.4	0.000173	0.00045	0.00025	27	18.3
15.52039	252.701333	119.7	7.9	0.000207	0.00041	0.00027	27	14.2
18.89848	260.034667	119.3013	8.4	0.000233	0.00031	0.0003	27	9.6
21.46901	267.368	119.685789	8.6	0.000275	0.00025	0.00029	27	7
21.73921	274.701333	150.989809	8.7	0.0003	0.00025	0.0003	27	6.7
22.14899	273.802423	135.292208	9.3	0.000318	0.00041	0.00026	27	11.2
18.53734	270.60859	120.3	11.1	0.000284	0.00056	0.00025	27	17.6
16.01421	267.414758	120.3	11.9	0.000263	0.0007	0.00022	27	24
14.24477	264.220925	119.904225	12	0.000225	0.0008	0.0002	27	31.7
14.00588	260.471352	183.465127	12.5	0.00022	0.00103	0.00026	27	40.1
14.04265	254.981072	119.7	12.4	0.000189	0.00112	0.00024	27	46.9
11.06585	249.490793	119.7	11.9	0.00015	0.00099	0.00023	27	48.5
10.21541	244.000513	119.7	11.4	0.000124	0.00084	0.00019	27	46
9.69172	238.510233	130.182544	10.8	0.000111	0.00069	0.00018	27	40
10.17506	237.0724	143.203372	9.6	0.000106	0.00059	0.00017	27	34.3
11.66149	238.805733	119.1	8.1	0.000108	0.00054	0.00018	27	29
12.1396	240.539067	118.6	6.9	0.000114	0.00049	0.0002	27	23.7
12.0552	242.2724	118.6	5.8	0.000115	0.00043	0.00019	26.5	21.2
11.78688	244.094831	172.969726	4.3	0.000121	0.00037	0.0002	26	18.7
11.50131	247.288779	118.6	2.7	0.000128	0.00035	0.00018	26	17.5
11.60158	250.482727	118.6	1.3	0.000136	0.00037	0.00019	26	18.4
11.79263	253.676676	118.6	1.2	0.000151	0.00043	0.00019	26	20.7
12.94203	256.870624	118.6	0.5	0.000169	0.00056	0.00021	26	24.9
10.97462	259.861345	176.077273	0.6	0.000153	0.00056	0.00019	26	28.2
10.47718	262.382353	118.817903	1.9	0.000146	0.00059	0.00015	26	31.9
15.74023	264.903361	118.766453	3.3	0.00017	0.00076	0.0002	26	36.9
13.89491	267.42437	118.6	3.5	0.000236	0.00114	0.00028	26	40.5
25.75946	269.945378	143.39567	3.6	0.000375	0.00201	0.00046	26	44.8
31.77484	279.116808	138.901549	4.1	0.000435	0.00269	0.00047	26	52.9
31.41255	291.698967	119.686461	5.5	0.000509	0.00382	0.00044	26	70
26.10519	304.281127	120.059104	7.6	0.000443	0.00387	0.00035	26	84.2
19.8293	316.863286	120.761684	9.2	0.000378	0.00338	0.00028	26	86.7
17.85073	320.503326	191.342308	9.5	0.000335	0.00295	0.00031	26	85
13.74917	310.785935	121.167753	12	0.000225	0.00192	0.00021	26	81
11.59012	301.068543	121.4	12.4	0.000199	0.00166	0.00021	26	77.6
8.52966	291.351152	120.9	12.3	0.000163	0.00133	0.00019	26	73.8
9.28007	281.633761	147.611275	11.2	0.000145	0.00117	0.00018	26	68.9
11.32327	279.802714	135.049487	9.6	0.000152	0.00126	0.00023	26	65.4
12.24119	279.930947	120.900642	7	0.000147	0.00124	0.00022	26	61
11.71283	280.059179	121.4	5.1	0.000139	0.00111	0.00023	26	55.3
9.72441	280.187412	121.4	3.3	0.000151	0.00108	0.00022	26	50.2
12.38733	284.313433	196.198074	1.6	0.000205	0.00124	0.00029	26	44.8
22.10859	317.210429	122.216409	1.5	0.000329	0.00172	0.00043	26	41.8
37.10408	350.107425	123.262308	2.7	0.000491	0.00246	0.00049	26	45.5
57.26707	383.004421	124.486638	4.3	0.000979	0.00887	0.00088	26	94.3
82.68395	415.901416	134.103978	6.3	0.001518	0.01923	0.00165	26	137.9
87.53981	439.141642	225.72548	9.1	0.001428	0.01827	0.00162	26	132.8
75.74967	451.136538	137.974228	13.7	0.001196	0.0192	0.00083	26	163.9
69.6019	463.131433	142.565167	17.6	0.001198	0.03054	0.00057	26	264.6
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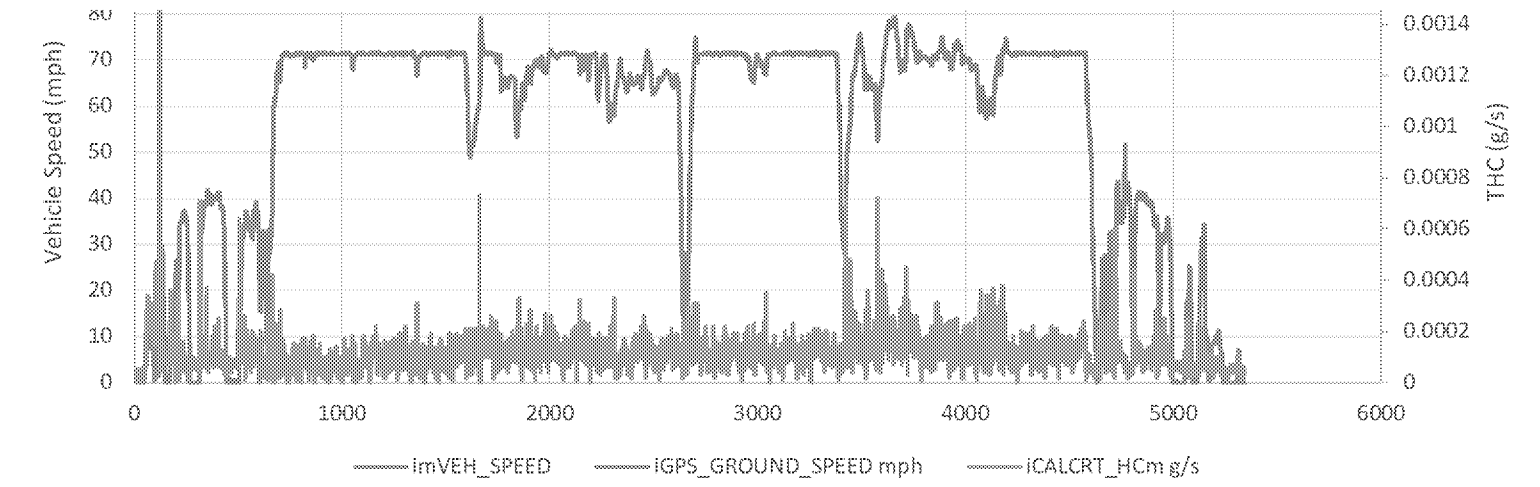

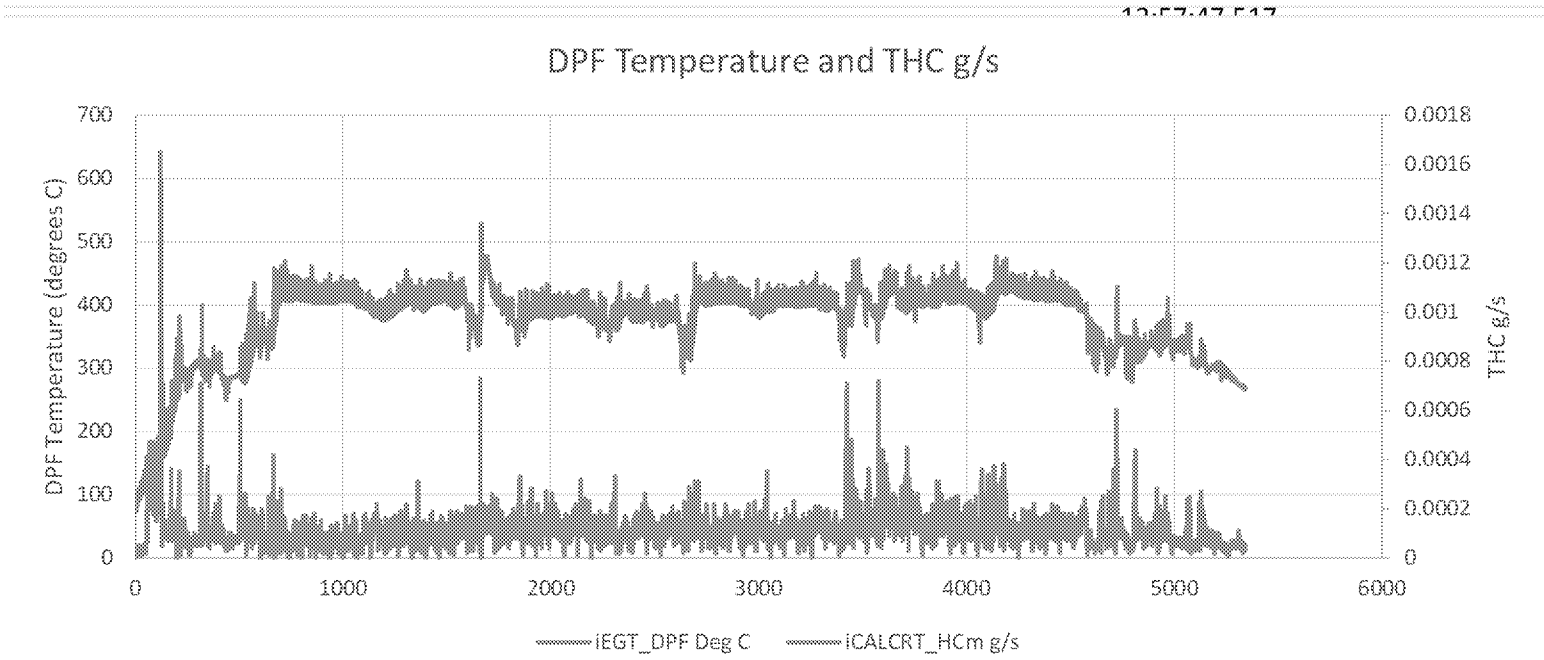

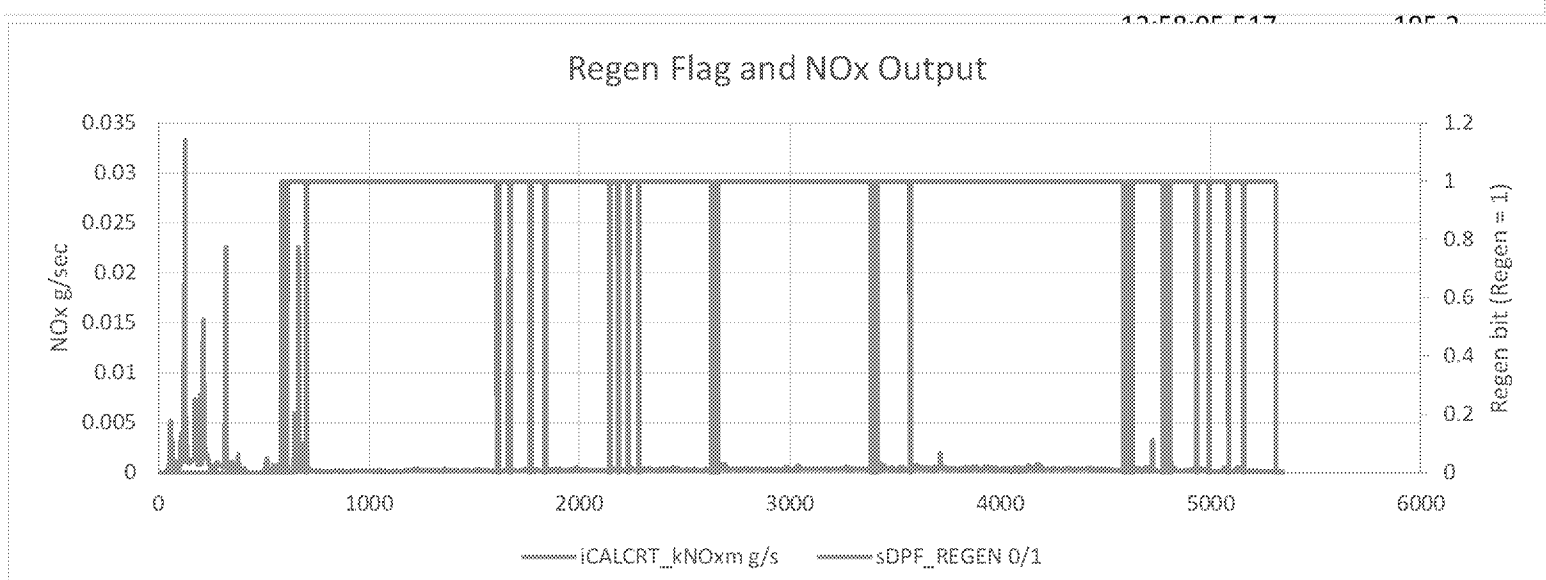

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78.23616	523.702823	276.013146	25.5	0.00112	0.0115	0.00007	25	97.5
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17.12544	335.772984	284.5	35.8	0.000206	0.00143	0.0001	25	47.8
17.84517	335.943161	292.764411	36.1	0.000228	0.00157	0.00015	25	49
20.0661	332.231025	293.385714	36.4	0.000248	0.00172	0.00016	25	49.6
19.39215	326.571904	287.2	36.6	0.000234	0.00159	0.00016	25	49.1
16.13329	320.912783	287.421053	36.7	0.00022	0.00142	0.00015	25	47.3
13.61321	315.253662	287.8	36.9	0.000193	0.0012	0.0001	25	46.7
11.54634	308.528611	299.502041	37.2	0.00017	0.00107	0.00013	25	47.1
11.42081	296.20743	288.6	37.3	0.000149	0.00102	0.00011	25	47.3
11.59791	283.886248	288.6	37.2	0.000124	0.00097	0.00012	25	47.2
11.2814	271.565067	289.3	37.1	0.000097	0.00093	0.0001	25	46.1
11.16	259.243886	281.906113	36.9	0.000073	0.00085	0.00009	25	42.4
11.05472	251.550881	288.550073	36.8	0.000056	0.00077	0.00008	25	38.9
11.22651	244.832819	289.3	36.7	0.000043	0.00069	0.00007	25	34.8
11.10972	238.114758	289.67194	36.5	0.000034	0.00059	0.00007	25	30
11.06065	231.396696	290	36.4	0.000028	0.00051	0.00004	25	26.4
10.90938	227.147398	263.857143	36.2	0.000024	0.00045	0.00006	25	23.1
12.97432	229.061376	290.6	36.1	0.000025	0.00048	0.00005	25	20.5
16.94585	230.975355	291.616095	36	0.000026	0.00052	0.00005	25	18.7
16.56597	232.889333	292.071106	35.6	0.000025	0.00045	0.00007	25	15.9
14.66326	234.803312	285.173114	35.3	0.000039	0.00038	0.00005	25	14.4
15.68733	235.152838	284.81971	35.2	0.00007	0.0004	0.00008	25	14.7

148.573353	0	0.40284
154.045885	0	0.40421
159.518417	0	0.40593
161.944148	0	0.40781
164.07589	0	0.41127
166.207632	0	0.4165
168.339373	0	0.42379
167.522107	0	0.43158
156.309922	0	0.43904
145.097736	0	0.44458
133.885551	0	0.44885
122.673366	0	0.45261
110.40096	0	0.45552
97.04258	0	0.45759
83.6842	0	0.45907
70.325819	0	0.46026
56.967439	0	0.46125
81.944283	0	0.46213
123.116805	0	0.46307
164.289326	0	0.46499
205.461848	0	0.4681
232.98719	0	0.47455
215.83843	0	0.48668
198.689669	0	0.50202
181.540909	0	0.51702
164.392149	0	0.53126
150.297309	0	0.54276
140.899616	0	0.54897
131.501922	0	0.55299
122.104229	0	0.55586
112.706536	0	0.55843
109.228937	0	0.56096
108.145982	0	0.56351
107.063028	0	0.56563
105.980074	0	0.56728
104.47838	0	0.56872
98.987646	0	0.57014
93.496911	0	0.57156
88.006177	0	0.57305
82.515443	0	0.57456
77.470538	0	0.57601
72.595591	0	0.5774
67.720644	0	0.57883
62.845697	0	0.5804
57.978132	0	0.58212
54.333485	0	0.58371
50.688838	0	0.58513
47.044191	0	0.58633
43.399544	0	0.5874
40.887585	0	0.58842
39.081716	0	0.58939
37.275847	0	0.59032
35.469977	0	0.59117
34.204396	0	0.59194
35.303297	0	0.59263
36.402198	0	0.59322
37.501099	0	0.59373
38.6	0	0.59418
44.354922	0	0.59466
52.774611	0	0.59518
61.194301	0	0.59563
69.61399	0	0.59601
77.966812	0	0.59641

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12:59:41.517		42.7	1271
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12:59:50.517	192.2	36.9	800
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12:59:53.517	192.2	59.3	731
12:59:54.517	192.2	62.8	765
12:59:55.517	192.2	63.4	766
12:59:56.517	192.2	65.6	758
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13:00:04.517	192.2	62.7	758
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13:00:10.517		62	759
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17.09778	234.606987	294.571933	34.9	0.000097	0.0005	0.00006	25	17.4
16.04959	234.061135	295.621106	34.5	0.000098	0.0005	0.0001	25	20.3
11.15203	233.515284	296.452763	34.1	0.00009	0.00049	0.00008	25	23.1
9.85273	232.647012	269.063403	33.7	0.000084	0.00048	0.00007	25	25.7
9.22435	226.343664	296.8	33	0.000081	0.00047	0.00007	25	27.9
8.68457	220.040315	296.8	31.7	0.000075	0.00046	0.00005	25	30.2
9.06298	213.736967	296.8	30	0.000071	0.00049	0.00007	24.5	32.1
8.63094	207.433618	296.8	27.5	0.000064	0.00051	0.00005	24.5	33.9
7.74401	204.844233	270.398119	24.9	0.000048	0.00047	0.00004	24.6	35.6
8.66209	206.167094	296.8	22.1	0.000045	0.00051	0.00002	24	35.1
9.91	207.489955	297.358732	19.5	0.00004	0.00057	0.00001	24	33.6
9.88556	208.812815	296.847444	17.2	0.000032	0.00053	0.00001	24	31.6
10.29819	210.135676	284.72963	15.3	0.000026	0.0005	0.00001	24	28.9
10.74642	215.670988	286.236716	12.8	0.000026	0.00047	0.00003	24	25.9
12.06177	223.484528	298.721489	9.4	0.000036	0.00043	0.00002	24	21.9
10.91719	231.298069	299.715469	6	0.000047	0.00039	0.00005	24	20.4
10.94276	239.111609	300.2	3.4	0.00006	0.00037	0.00003	24	20.1
11.43004	246.378214	273.845405	1.2	0.00008	0.00042	0.00004	24	21.9
11.0377	250.393592	300.9	0	0.000097	0.00048	0.00006	24	24.9
11.04315	254.408971	301.291388	0	0.000114	0.00057	0.00005	24	29.8
11.19336	258.424349	302.483857	0	0.000127	0.0007	0.00007	24	36.4
11.30324	262.439727	302.225784	0	0.000135	0.00079	0.00006	24	41.3
11.20162	265.552782	291.858115	0	0.000139	0.00087	0.00008	24	45.9
11.0124	267.615081	304.305145	0	0.000142	0.00091	0.00007	24	48.3
11.20633	269.677379	303.983309	0	0.000146	0.00094	0.00008	24	49.7
11.31322	271.739678	304.7	0	0.00015	0.00098	0.00007	24	50.9
11.19455	273.801976	300.106942	0	0.000153	0.00098	0.00007	24	50.8
11.28212	275.206691	303.499348	0	0.000154	0.00098	0.00009	24	50.1
11.13538	276.454139	306.8	0	0.000155	0.00096	0.00007	24	49.1
11.21303	277.701588	307.079372	0	0.000158	0.00095	0.00009	24	47.7
11.34514	278.949036	307.5	0	0.000159	0.00093	0.00008	24	46.7
11.24058	279.978953	298.008258	0	0.000157	0.00089	0.00008	24	45.3
11.18097	280.679839	308.2	0	0.000157	0.00086	0.00008	24	43.9
11.24879	281.380726	308.723894	0	0.000157	0.00084	0.00008	24	42.6
11.22003	282.081612	309	0	0.000156	0.00081	0.0001	24	41.4
11.46286	282.782498	307.657407	0	0.000158	0.0008	0.00007	24	40.4
11.85333	283.499184	303.924459	0	0.000163	0.0008	0.00009	24	38.7
11.33064	284.228955	310.45566	0	0.000158	0.00076	0.00008	24	37.9
11.46586	284.958725	310.5	0	0.000157	0.00073	0.00007	24	36.8
11.24	285.688495	310.795522	0	0.000156	0.0007	0.00007	24	35.6
11.2265	286.418266	303.556351	0	0.000155	0.00068	0.00005	24	34.7
11.358	287.015423	310.987176	0	0.000156	0.00067	0.00007	24	34.1
11.42727	287.595854	311.9	0	0.000155	0.00067	0.00005	24	34.1
11.22115	288.176285	311.9	0	0.000154	0.00066	0.00006	24	33.9
11.01393	288.756716	312.265121	0	0.00015	0.00064	0.00006	24	33.6
11.36481	289.3	302.378471	0	0.000151	0.00064	0.00006	24	33.5
11.31249	289.3	313.044774	0	0.000153	0.00064	0.00006	24	33
11.33	289.3	312.6	0	0.000156	0.00064	0.00005	24	32.6
11.23	289.3	312.6	0	0.000157	0.00064	0.00007	24	32.5
11.09555	289.3	306.288924	0	0.000156	0.00062	0.00006	24	31.9
11.26635	289.537166	311.727413	0	0.000157	0.00061	0.00006	24	31.2
11.14052	289.804545	313.295564	0	0.000157	0.0006	0.00006	24	30.8
11.27357	290.071925	312.6	0	0.000158	0.0006	0.00006	24	30.3
11.18939	290.339305	312.6	0	0.000157	0.00058	0.00008	24	29.5
11.11721	290.603757	303.939683	0	0.000156	0.00056	0.00005	24	28.6
11.11395	290.754036	312.6	0.2	0.000157	0.00056	0.00008	24	28.3
11.24789	290.904315	312.311979	0.3	0.000158	0.00055	0.00006	24	27.8
11.29769	291.054594	312.398182	0	0.000155	0.00053	0.00007	24	27.3
11.2715	291.204873	312.6	0	0.000155	0.00052	0.00006	24	26.9
11.24128	300.952885	305.805712	0	0.000155	0.00053	0.00006	24	27
19.64957	327.255025	312.125133	0	0.000205	0.00068	0.0001	24	26.6
32.14293	353.557164	311.9	0.1	0.000529	0.00162	0.00019	24	26.2
60.48171	379.859304	311.9	0.8	0.000995	0.00325	0.00049	24	32.3

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61.372926	0	0.59741
53.075983	0	0.5979
44.779039	0	0.59838
37.544928	0	0.59885
31.754664	0	0.59931
25.964401	0	0.5998
20.174137	0	0.60031
14.383873	0	0.60078
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56.421918	0	0.60186
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87.71963	0	0.60545
84.494517	0	0.60602
81.269404	0	0.60672
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74.819179	0	0.60838
73.519536	0	0.60929
72.875483	0	0.61023
72.23143	0	0.61121
71.587377	0	0.61219
70.980117	0	0.61317
70.75418	0	0.61413
70.528242	0	0.61508
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70.076367	0	0.6169
69.721498	0	0.61776
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68.459403	0	0.62021
68.038704	0	0.62101
68.953581	0	0.62177
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71.05398	0	0.6232
72.10418	0	0.62388
72.968251	0	0.62455
72.752268	0	0.62522
72.536285	0	0.62588
72.320302	0	0.62652
72.10432	0	0.62716
71.526665	0	0.6278
70.611124	0	0.62844
69.695583	0	0.62908
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67.916924	0	0.63321
67.696562	0	0.63376
67.476201	0	0.63429
67.25584	0	0.63481
67.035478	0	0.63534
82.614369	0	0.63602
101.22506	0	0.63764
119.83575	0	0.64089

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13:01:14.517	195.8	84.2	1500
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13:01:17.517	195	48.2	1577
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13:01:19.517	194.5	0.6	1274
13:01:20.517	194.2	0	1259
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13:01:22.517	193.7	0	1232
13:01:23.517	193.5	0	1224
13:01:24.517	193.2	0	1211
13:01:25.517	192.9	39.8	1208
13:01:26.517	192.7	75.4	1219
13:01:27.517	192.4	87.1	1240
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13:01:41.517	192.2	80.6	1206
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13:01:43.517	192.2	87.4	1212
13:01:44.517	192.2	91.2	1226
13:01:45.517	192.2	82.4	1240

79.84298	406.161444	332.695455	3.3	0.001452	0.00643	0.00071	24	47.6
94.46643	429.125947	311.758403	7.7	0.001579	0.00973	0.00071	24	64.4
86.03857	450.917767	304.651617	12.5	0.001404	0.01044	0.00032	24	77.6
83.0911	472.709587	301.268074	17.3	0.001443	0.01713	0.00024	24	124.9
77.23851	494.501407	298.834352	21.9	0.001445	0.02254	0.00024	24	158.9
50.55	511.201	398.988243	26	0.000805	0.01165	0.00008	24	132.7
28.86214	490.201	294.222235	26.6	0.000462	0.00559	0.00012	24	100.3
22.23364	469.201	292.951563	32	0.00033	0.00309	0.00005	24	76.9
18.00971	448.201	291.978473	33	0.000281	0.00224	0.00006	24	65.4
17.54033	427.201	298.689148	33.4	0.000261	0.00182	0.00007	24	57.1
16.67548	411.459898	321.101719	33.5	0.000246	0.0015	0.0001	24	49.2
17.72955	400.592649	289.444712	33.5	0.000233	0.00128	0.00017	24	42.7
15.69338	389.7254	288.554545	33.7	0.000216	0.00104	0.00014	24	36.7
16.02243	378.85815	287.641379	34.3	0.000218	0.00087	0.00018	24	31.2
16.5984	367.990901	305.570794	34.9	0.000227	0.00078	0.00011	24	26.6
16.13744	352.52749	287.037991	35.5	0.000194	0.00058	0.00011	24	22.8
11.7465	336.095881	285.541327	36.1	0.000166	0.00046	0.00009	24	20.2
11.66759	319.664271	284.5	36.2	0.000146	0.00039	0.00008	24	18.2
11.52954	303.232662	283.8675	37.3	0.00013	0.00036	0.00008	24	16.7
18.15412	291.349695	286.749488	37.6	0.000124	0.00042	0.0001	24	15.5
19.56833	287.588401	282.777164	37.9	0.000108	0.00045	0.00013	24	13.9
15.68821	283.827107	282.5	38.2	0.000093	0.00032	0.00008	24	11.3
17.44489	280.065812	282.398938	38.8	0.000118	0.00029	0.00009	24	9.8
16.86027	276.304518	280.884713	39.2	0.000138	0.00028	0.0001	24	8.9
19.24896	279.324887	280.450596	39.2	0.000151	0.00028	0.00012	24	8
19.37333	286.866365	281.7	39	0.000149	0.00027	0.00013	24	8
19.64338	294.407843	281.573057	39	0.000171	0.00026	0.0001	24	7.6
19.96659	301.949321	281	38.8	0.000206	0.00028	0.00014	24	8.2
20.55517	309.490799	291.38	38.9	0.000247	0.0003	0.00015	24	8.3
22.47212	326.197187	280.890395	38.9	0.000286	0.00035	0.00021	24	9.2
26.02514	343.295402	280.668475	38.9	0.000353	0.00041	0.00025	24	9.3
29.60318	360.393616	281.609126	38.9	0.000465	0.00051	0.00028	24	9.5
44.02	377.49183	281.7	39.2	0.000656	0.00073	0.00037	24	10.9
36.13494	379.702957	313.696826	39.7	0.000658	0.00108	0.00023	24	17.2
21.58331	365.721657	284.20734	40.5	0.000439	0.0011	0.00016	24	26.2
13.46132	351.740357	284.5	41.3	0.00032	0.00102	0.00008	24	31.1
11.80947	337.759056	284.685239	41.8	0.000197	0.0007	0.00007	24	30.9
10.22575	323.777756	296.313599	41.4	0.000148	0.00056	0.00006	24	28.4
9.47429	310.484746	286.4035	40.9	0.000113	0.00043	0.00005	24	24.5
8.82239	297.285593	284.5	40.5	0.000084	0.00036	0.00006	24	21.6
9.80719	284.086441	283.8	40.1	0.000068	0.00031	0.00004	24	18.4
9.78149	270.887288	283.8	39.7	0.000058	0.00028	0.00006	24	14.8
15.11634	261.962626	271.8	39.3	0.000063	0.00035	0.00007	24	12.3
25.35478	275.479039	284.663656	38.9	0.000097	0.0004	0.0001	24	9.9
26.5359	288.995452	285.446539	38.7	0.000194	0.00033	0.00008	24	7.5
27.03699	302.511864	286.414934	39.1	0.000298	0.00038	0.00008	24	8.6
33.18323	316.028277	287.770896	39.8	0.000472	0.00087	0.00012	24	14.3
32.97	320.135999	298.148392	40.4	0.000324	0.00082	0.00008	24	17.1
17.73758	314.79732	290.409524	40.7	0.000122	0.00047	0.00008	24	18.5
14.85831	309.458641	290.015	40.5	0.000094	0.00046	0.00007	24	16.5
16.31644	304.119962	290.792872	40.2	0.000091	0.00042	0.00008	24	14.1
20.06367	298.781283	292.830668	39.8	0.000133	0.00039	0.00009	24	11.4
20.74722	304.352991	292.637324	39.6	0.00019	0.00031	0.00009	24	8.8
23.61564	313.370085	292.617115	39.5	0.000265	0.00029	0.00012	24	7.5
20.36177	322.387179	293.482874	39.5	0.000284	0.00026	0.00009	24	7.5
18.615	331.404274	294.40868	39.5	0.000294	0.00026	0.00012	24	7.8
20.45066	340.498152	314.734247	39.5	0.000317	0.00031	0.0001	24	8.8
21.7583	350.475047	295.586167	39.1	0.000351	0.00032	0.00013	24	8.2
23.32544	360.451943	296.297463	38.9	0.000364	0.0003	0.00014	24	7.4
24.21108	370.428838	297.278026	38.8	0.000416	0.00033	0.00014	24	7.4
31.03773	380.405734	298.125795	38.7	0.000503	0.00045	0.00018	24	8.7
35.41338	387.77447	334.121309	38.7	0.000579	0.00065	0.00013	23.5	11.6
31.67332	389.575318	299.782078	38.9	0.000613	0.00121	0.00017	23.4	21.3

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91.178238	0	0.75388
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87.033161	0	0.75469
84.922682	0	0.755
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13:02:03.517		73.1	1259
13:02:04.517	192.2	69.7	1259
13:02:05.517	192.2	69.6	1265
13:02:06.517	192.2	71.7	1269
13:02:07.517	192.2	53.4	1266
13:02:08.517	192.2	53.9	1261
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13:02:10.517	192.2	81.1	1286
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13:02:16.517	192.2	68.5	1254
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13:02:38.517	191.2	0	1203
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13:02:45.517	190.8	35.3	783
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13:02:47.517	190.6	46.7	795
13:02:48.517	190.6	55.5	746

26.31643	391.376165	300.589186	39.3	0.000554	0.00188	0.00012	24	36.2
20.16594	393.177013	300.206774	39.8	0.00042	0.00178	0.00009	23.6	43
18.868	394.97786	306.760094	39.8	0.000341	0.0015	0.00008	23.4	41.9
16.13088	388.604014	321.629923	40.2	0.000268	0.00106	0.00007	23.5	35.4
14.54956	376.757626	300.9	40.3	0.000215	0.00073	0.00007	23	29.4
13.70658	364.911239	300.2	40.4	0.000199	0.00055	0.00006	23.5	22.8
14.34388	353.064851	300.2	40.4	0.000198	0.00042	0.00012	23.5	16.8
15.15145	341.218464	315.323384	40.2	0.000197	0.00033	0.00013	23	12.7
15.63766	341.1	300.2	40	0.000203	0.00026	0.00018	23	9.1
18.72668	341.1	300.009091	39.9	0.000224	0.00023	0.00022	23	7
20.39218	341.1	299.5	39.9	0.00024	0.00018	0.00019	23	5.2
17.15228	341.1	299.5	39.8	0.000236	0.00014	0.00019	23	4.2
18.02012	341.284516	314.68046	39.9	0.00025	0.00011	0.00014	23	3.3
18.44467	341.757634	299.5	40.2	0.000263	0.00011	0.00017	23	3.3
18.46506	342.230753	298.996474	40.2	0.000264	0.00012	0.00015	23	3.8
18.53925	342.703871	298.8	40	0.000265	0.00012	0.00017	23	3.5
20.00436	343.176989	306.001691	40	0.000286	0.00011	0.00018	23	3.3
21.14617	346.19359	302.044109	40	0.000297	0.00012	0.00016	23	3.3
17.78591	350.103846	298.8	40.3	0.00029	0.0001	0.00018	23	3
20.49785	354.014103	298.2	40.3	0.00031	0.00011	0.00012	23	3.1
20.9766	357.924359	297.809302	40.5	0.000323	0.00011	0.00011	23	3
16.62798	361.89476	325.098611	40.4	0.000292	0.0001	0.00009	23	3
15.92098	366.807424	297.134783	40.6	0.000304	0.0001	0.00009	23	2.8
22.15964	371.720087	296.1	40.9	0.000345	0.00012	0.00014	23	3.1
27.50225	376.632751	296.1	40.7	0.000406	0.00013	0.00018	23	2.8
32.02247	381.545415	298.585021	40.9	0.000471	0.00014	0.00025	23	2.8
29.92037	385.734934	321.122793	41	0.000502	0.00022	0.00015	23	4.3
25.21757	389.141048	295.5	41.2	0.000504	0.00039	0.00014	23	8.1
23.40414	392.547162	294.849081	41.2	0.000448	0.00046	0.00009	23	10.3
23.52698	395.953275	294	41.2	0.000418	0.00046	0.00009	23	10.9
23.06053	399.359389	325.171875	41	0.000369	0.0004	0.0001	23	10.4
16.26204	384.97088	294.631752	40.6	0.00027	0.00028	0.00006	23	9.7
11.53165	368.605192	292.7	40.3	0.000212	0.0002	0.00008	23	8.8
11.50186	352.239503	292.219076	39.9	0.000185	0.00017	0.00006	23	8.2
8.00333	335.873815	292.213549	39.9	0.00015	0.00012	0.00008	23	7
8.11	321.750112	300.747794	39.5	0.000123	0.00009	0.00007	23	6
9.38741	310.154607	290.144578	38.1	0.000113	0.00009	0.00008	23	5.2
9.85559	298.559101	289.878261	38	0.000102	0.00008	0.00009	23	4.4
12.41989	286.963596	289.3	38.1	0.000102	0.00007	0.00011	23	3.2
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15.85435	279.809373	288.6	38.1	0.000085	0.00007	0.0001	23	2.4
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16.84152	292.189881	288.659375	38.3	0.000162	0.00005	0.00011	23	1.9
13.45409	287.818702	288.285294	38.2	0.000157	0.00005	0.00012	23	1.8
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9.62394	272.821991	287.433184	38.3	0.00013	0.00004	0.00011	23	1.8
9.37181	265.323635	287.384291	38.2	0.000118	0.00003	0.00008	23	1.8
9.20215	257.772332	273.368527	37.6	0.000109	0.00003	0.00009	23	1.8
8.27299	249.962522	286.5	37.1	0.000089	0.00003	0.00008	23	1.8
7.81983	242.152711	286.089019	36.5	0.000074	0.00003	0.00007	23	1.9
7.89197	234.3429	285.8	35.9	0.000061	0.00003	0.00007	23	1.9
7.56053	226.53309	281.45973	35	0.000049	0.00003	0.00005	23	1.9
7.12	220.423036	270.433582	33.6	0.000038	0.00002	0.00006	23	1.9
7.2152	215.869464	284.5	32	0.000031	0.00002	0.00004	23	1.8
7.66476	211.315893	284.5	30	0.000028	0.00002	0.00005	23	1.5
9.05837	206.762321	284.093427	27.5	0.000027	0.00002	0.00005	23	1.4
8.9068	202.444565	249.734658	25.2	0.000023	0.00002	0.00004	23	1.4
7.57376	203.505635	283.8	23.2	0.000018	0.00002	0.00004	23	1.3
8.55267	204.566706	283.325441	21	0.000016	0.00002	0.00003	23	1.3
9.84372	205.627776	283.1	18.3	0.000016	0.00002	0.00004	23	1.3
9.86433	206.688847	266.878636	15.7	0.000016	0.00002	0.00003	23	1.3
9.73166	212.640009	276.131711	12.7	0.000019	0.00002	0.00004	23	1.3

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13:03:39.517	197.2	61.6	758
13:03:40.517	197.3	59.6	759
13:03:41.517	197.4	61.2	756
13:03:42.517	197.4	61.5	759
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13:03:44.517	197.6	61.7	760
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13:03:48.517		61.3	759
13:03:49.517		61.2	759
13:03:50.517		65.2	787
13:03:51.517		90.9	1203

11.69949	219.806062	282.544516	9.3	0.000033	0.00003	0.00004	23	1.3
11.38942	226.972115	283.1	6.4	0.000048	0.00002	0.00003	23	1.3
10.83993	234.138168	283.1	4.3	0.000065	0.00002	0.00005	23	1.3
11.17226	240.74789	261.861908	2.4	0.000083	0.00002	0.00003	23	1.2
10.87073	244.857175	283.1	0.9	0.0001	0.00002	0.00006	23	1.2
10.79266	248.966459	283.473636	0.2	0.000113	0.00002	0.00004	23	1.2
10.77608	253.075744	283.209605	0	0.000122	0.00002	0.00007	23	1.2
10.87198	257.185029	279.028759	0	0.000128	0.00002	0.00006	23	1.2
10.87481	259.930469	279.725714	0	0.000135	0.00002	0.00007	23	1.2
10.93715	262.034101	283.8	0	0.000143	0.00002	0.00009	23	1.2
11.69307	264.137733	283.8	0	0.000151	0.00002	0.00007	23	1.2
10.92049	266.241364	283.8	0	0.000149	0.00002	0.0001	23	1.2
10.78727	268.239673	275.912647	0	0.000147	0.00002	0.00007	23	1.2
11.02666	269.701096	284.5	0	0.000145	0.00002	0.00009	23	1.2
10.99	271.162519	284.5	0	0.000145	0.00002	0.00008	23	1.2
10.77142	272.623942	283.841927	0	0.000145	0.00002	0.00008	23	1.2
11.1921	274.085364	284.412481	0	0.000147	0.00002	0.0001	23	1.2
10.95697	275.277996	281.849935	0	0.000146	0.00002	0.00008	23	1.3
10.44166	276.213408	284.979294	0	0.00014	0.00002	0.00009	23	1.3
10.55166	277.14882	285.2	0	0.000141	0.00002	0.00007	23	1.3
10.84536	278.084232	285.2	0	0.000146	0.00002	0.00009	23	1.3
10.85388	279.009462	282.924277	0	0.000147	0.00003	0.00008	23	1.4
11.05619	279.460014	285.2	0	0.000149	0.00003	0.00008	23	1.5
11.06197	279.910565	285.430837	0.2	0.000151	0.00003	0.00009	23	1.5
11.16405	280.361117	285.798606	0.6	0.000153	0.00003	0.00006	23	1.5
11.16027	280.811669	284.788178	0.3	0.000151	0.00003	0.00006	23	1.5
10.87302	281.189783	284.587467	0.2	0.00015	0.00003	0.00004	23	1.5
10.80493	281.51587	286.351261	0	0.00015	0.00003	0.00005	23	1.5
11.11	281.841957	286.5	0	0.000152	0.00003	0.00004	23	1.6
11.04712	282.168043	286.222208	0	0.000152	0.00003	0.00005	23	1.6
11.08336	282.49413	284.821836	0	0.000152	0.00003	0.00008	23	1.6
11.20689	282.784955	285.850894	0	0.00015	0.00003	0.00007	23	1.6
11.00807	283.075134	286.5	0	0.000149	0.00003	0.00008	23	1.6
11.16345	283.365313	286.5	0	0.000151	0.00003	0.00006	23	1.7
11.08039	283.655491	286.5	0	0.000151	0.00003	0.00008	23	1.7
11.17514	283.955487	286.0725	0	0.000152	0.00003	0.00008	23	1.7
10.9848	284.265221	287.2	0	0.000152	0.00003	0.00007	23	1.7
10.7909	284.574956	287.2	0	0.000152	0.00003	0.00008	23	1.7
11.25929	284.88469	287.2	0	0.000157	0.00003	0.00007	23	1.7
11.47931	285.194425	286.447222	0	0.00016	0.00004	0.00009	23	1.7
11.10263	285.483123	287.242959	0.1	0.000154	0.00004	0.00007	23	1.8
11.13684	285.771435	287.8	0.5	0.000154	0.00004	0.00008	23	1.8
11.3	286.059747	287.38	0.5	0.000156	0.00004	0.00008	23	1.8
11.14768	286.348059	287.76644	0.5	0.000154	0.00004	0.00007	23	1.8
11.06522	286.71049	287.442985	0.3	0.000153	0.00004	0.00008	23	1.9
11.19567	287.155499	287.8	0	0.000154	0.00004	0.00006	23	1.9
11.19237	287.600509	287.8	0	0.00015	0.00004	0.00008	23	2
10.87391	288.045518	288.418992	0	0.000149	0.00004	0.00006	23	2
11.02028	288.490528	288.158839	0	0.000152	0.00004	0.00007	23	2.2
11.05	288.722403	288.6	0	0.000154	0.00004	0.00007	23	2.2
11.09592	288.88474	288.6	0	0.000155	0.00004	0.00007	23	2.3
10.95243	289.047078	288.6	0	0.000154	0.00004	0.00008	23	2.3
11.1167	289.209416	288.6	0	0.000154	0.00004	0.00006	23	2.3
11.13556	289.3	288.77375	0	0.000154	0.00004	0.00008	23	2.2
11.05588	289.3	288.6	0	0.000154	0.00004	0.00007	23	2.2
11.15357	289.3	288.039843	0	0.000155	0.00004	0.00008	23	2.3
11.10643	289.3	289.003306	0	0.000154	0.00005	0.00007	23	2.3
11.14055	289.3	288.845479	0	0.000154	0.00005	0.00006	23	2.3
11.08	289.446331	288.414984	0	0.000154	0.00005	0.00008	23	2.4
11.11982	289.601507	288.147619	0	0.000154	0.00005	0.00007	23	2.4
11.30833	289.756684	288.6	0	0.000155	0.00005	0.00008	23	2.4
11.1775	289.91186	288.602838	0	0.000173	0.00005	0.00007	23	2.4
21.83333	301.405812	289.025224	0	0.000368	0.00011	0.00018	23	2.4

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65.742984	0	0.77423
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13:04:10.517	194.2	86.9	1473
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13:04:30.517	195.2	91.1	1328
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13:04:33.517	195.4	82.1	1592
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13:04:37.517	195.6	82.2	1527
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45.0576	327.808155	288.6	0.2	0.000655	0.00018	0.00034	23	2.7
53.48522	354.210498	289.285244	2	0.001001	0.00049	0.00064	23	5.2
64.538	380.612841	288.6	5.9	0.000979	0.00103	0.00063	23	10.9
26.98092	407.015184	331.727273	10.1	0.000487	0.00088	0.00018	23	17
16.55117	409.897416	287.757656	13.3	0.000282	0.00069	0.00011	23	18.5
25.97804	412.613847	287.2	15.4	0.000333	0.00079	0.0001	23	16.7
39.00225	415.330278	286.053876	15.3	0.000487	0.00073	0.00013	23	12.3
48.49093	418.046709	288.531774	15.5	0.000739	0.00076	0.00014	23	10
43.02991	425.775262	321.104985	16.8	0.000794	0.00082	0.0001	23	10.9
45.64278	439.270451	284.017527	18.5	0.000842	0.00115	0.00015	23	14.6
48.97244	452.765639	282.475623	20.9	0.000918	0.00138	0.00008	23	16.5
54.20651	466.260827	281.7	23.2	0.000983	0.00142	0.00018	23	15.7
46.77252	479.756015	338.72504	25.4	0.000914	0.00125	0.00013	23	13.9
33.0077	472.067506	284.585156	27.6	0.000577	0.00072	0.00014	23	11.6
30.02058	461.840748	279.803636	29.4	0.000485	0.00047	0.00011	23	8.7
25.61619	451.613991	279.232353	30.6	0.000409	0.00032	0.00009	23	7.3
21.98387	441.387234	278.954932	31.4	0.000373	0.00026	0.00011	23	6.6
20.21248	435.023088	323.37	31.8	0.000359	0.00021	0.00008	23	5.4
29.79144	432.793457	277.236774	31.7	0.00041	0.00021	0.00019	23	4.8
23.88692	430.563826	277	31.2	0.000416	0.00018	0.00018	23	4.2
24.02601	428.334195	277	31.3	0.000446	0.00016	0.0002	23	3.6
24.86345	426.104563	301.889806	31.5	0.000457	0.00015	0.00021	23	3.3
24.67704	424.541727	299.510818	32	0.000438	0.00013	0.0002	23	3.1
24.38434	423.286942	276.867728	32.6	0.000429	0.00013	0.00024	23	3
24.20659	422.032157	276.362979	33.4	0.000429	0.00013	0.0002	23	2.9
30.18246	420.777371	277	33.6	0.000467	0.00014	0.00026	23	2.9
33.42381	419.522586	330.960625	33.9	0.000529	0.00015	0.00024	23	2.7
37.87339	424.306414	277.6	34.2	0.00061	0.00016	0.00024	23	2.6
39.72849	429.200928	277.984955	34.7	0.000682	0.00017	0.00021	23	2.6
37.00717	434.095443	279.391751	35.3	0.000688	0.00018	0.00013	23	2.7
29.23506	438.989958	280.602125	35.9	0.000569	0.00019	0.00009	23	3.4
24.96224	442.918659	352.260414	36.2	0.000434	0.00018	0.00001	23	3.8
25.66923	443.822211	282.042736	37.1	0.000398	0.00017	0.00005	23	4
26.15382	444.725762	282.906765	37.2	0.000429	0.00018	0.00004	23	4
26.31473	445.629313	283.785088	37.1	0.000465	0.00019	0.0001	23	4
29.07951	446.532864	288.60751	36.9	0.000501	0.00019	0.00013	23	3.8
32.93079	452.667802	331.9725	36.9	0.000587	0.0002	0.00011	23	3.6
37.02055	464.402383	286.738333	36.6	0.00065	0.00021	0.00017	23	3.5
36.92851	476.136963	288.528346	36.6	0.000714	0.00024	0.00009	23	3.6
45.93239	487.871543	290.05	36.4	0.000918	0.00044	0.0002	23	5.3
43.97671	499.606123	368.481171	36.1	0.000856	0.00075	0.00011	23	9.5
41.31774	496.010485	294.763907	35.8	0.000748	0.00076	0.0001	23	10.8
36.57296	492.291217	296.310417	35.8	0.00064	0.00062	0.00008	23	9.9
31.41862	488.571948	297.937118	35.6	0.000578	0.00051	0.00008	23	8.8
30.14117	484.852679	299.22508	35.5	0.00053	0.00034	0.00013	23	6.4
29.50791	481.77478	385.334935	35	0.000513	0.00026	0.00007	23	5.1
29.46836	480.808172	301.424042	34.9	0.000514	0.00022	0.00014	23	4.3
29.95638	479.841564	302.934021	34.8	0.000518	0.0002	0.00012	23	3.9
30.57216	478.874956	304.565046	34.4	0.000533	0.00017	0.00015	23	3.4
30.52564	477.908348	334.350069	33.9	0.000554	0.00016	0.00015	23	3
35.24168	482.762761	333.545987	33.7	0.000622	0.00017	0.00013	23	2.9
41.07877	490.343908	308.053412	33.6	0.000718	0.00019	0.00017	23	2.8
40.46149	497.925056	310.063768	33.5	0.000748	0.00019	0.0001	23	2.8
41.74959	505.506203	311.62	33.3	0.000776	0.00023	0.00016	23	3.2
42.05484	511.381409	410.828816	32.9	0.000767	0.00031	0.00006	23	4.4
41.95222	509.640477	315.251786	32.8	0.000787	0.00038	0.0001	23	5.2
42.76676	507.899544	316.730208	32.6	0.000769	0.00038	0.00008	23	5.3
33.27615	506.158611	318.879895	32.2	0.000679	0.00034	0.00006	23	5.3
30.22326	504.417679	319.2	32.2	0.000572	0.0003	0.0001	23	5.3
27.95535	503.3	385.520846	32.5	0.00052	0.00028	0.00004	23	5.3
29.79011	503.3	321.035073	32.5	0.000507	0.00023	0.00011	23	4.5
34.39148	503.3	323.245902	32.2	0.000577	0.00022	0.00008	23	4
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71.901199	0	0.79268
93.786285	0	0.79289
122.41478	0	0.79313
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205.710148	0	0.79903
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123.68055	0	0.80033
118.156867	0	0.80056
118.373834	0	0.80078
118.590801	0	0.80098

13:04:55.517	192.8	86.3	1413
13:04:56.517	192.6	87.8	1446
13:04:57.517	192.4	91.8	1487
13:04:58.517	192.2	93	1560
13:04:59.517	192	78.4	1642
13:05:00.517	191.8	63.2	1682
13:05:01.517	191.7	42.1	1696
13:05:02.517	191.5	28.2	1691
13:05:03.517	191.3	24.9	1511
13:05:04.517	191.1	31.8	1391
13:05:05.517	190.9	44.6	1403
13:05:06.517	190.7	62.4	1400
13:05:07.517	190.5	78.1	1410
13:05:08.517		84.4	1431
13:05:09.517		78	1453
13:05:10.517		72.3	1464
13:05:11.517		84.1	1469
13:05:12.517		77.7	1473
13:05:13.517		61.4	1468
13:05:14.517		50.3	1454
13:05:15.517		46.1	1441
13:05:16.517	189.3	23.6	1420
13:05:17.517	189.2	33.7	1403
13:05:18.517	189	51.3	1398
13:05:19.517	188.9	45.2	1395
13:05:20.517	188.8	34	1388
13:05:21.517	188.6	36.6	1375
13:05:22.517	188.5	28.1	1361
13:05:23.517	188.4	8.8	1343
13:05:24.517	188.3	1.3	1319
13:05:25.517	188.1	0	1279
13:05:26.517	188	0	1208
13:05:27.517	187.9	0	1113
13:05:28.517	187.7	0	1095
13:05:29.517	187.6	0	1115
13:05:30.517	187.5	0	1148
13:05:31.517	187.4	0	1071
13:05:32.517	187.2	7.8	930
13:05:33.517	187.1	23.1	1033
13:05:34.517	187	38.6	1208
13:05:35.517	186.8	67.1	1262
13:05:36.517		69.5	1291
13:05:37.517		84.4	1521
13:05:38.517		91.6	1616
13:05:39.517		83	1519
13:05:40.517		83.1	1687
13:05:41.517		82.2	1859
13:05:42.517		79.1	2023
13:05:43.517		54.7	1827
13:05:44.517	189	56.2	1705
13:05:45.517	189.3	56.4	1501
13:05:46.517	189.5	54.7	1498
13:05:47.517	189.8	39	1506
13:05:48.517	190.1	5.7	1486
13:05:49.517	190.3	21.2	1459
13:05:50.517	190.6	47.9	1447
13:05:51.517	190.8	44.4	1444
13:05:52.517	191.1	44.3	1436
13:05:53.517	191.3	64.2	1446
13:05:54.517	191.6	70.8	1456
13:05:55.517	191.8	46	1455
13:05:56.517	192.1	17.7	1432
13:05:57.517	192.4	2.3	1335

35.45824	503.3	374.026439	31.8	0.000661	0.00019	0.00011	23	3.1
42.35052	511.065493	337.913767	31.5	0.0008	0.00021	0.00009	23	2.9
50.7116	520.105647	327.559031	31.1	0.000945	0.00025	0.0002	23	2.9
60.57464	529.145802	330.095263	31.2	0.001123	0.00038	0.00009	23	3.7
51.71369	538.185957	333.127447	31.6	0.001033	0.00089	0.00019	23	9.2
36.71844	539.893605	434.863363	34	0.000594	0.00065	0.00007	23	10.5
21.0575	512.634221	336.38617	35.5	0.000324	0.00036	0.00007	23	9.6
17.92769	485.374837	337.138323	36.2	0.000264	0.00024	0.00006	23	6.9
16.94507	458.115454	337.350256	37.2	0.000205	0.00016	0.00009	23	5.1
15.5842	430.85607	336.781598	37.2	0.000155	0.00012	0.00012	23	4.2
16.81376	417.501753	361.127419	37.1	0.000133	0.0001	0.00011	23	3.5
17.57248	422.355685	337.5	36.8	0.000142	0.00009	0.00014	23	3
26.55465	427.209618	338.2	36.8	0.000242	0.0001	0.00015	23	2.5
31.94346	432.063551	338.535867	36.8	0.000385	0.00012	0.00018	23	2.3
27.10361	436.917483	376.77226	37	0.000456	0.0001	0.00016	23	2.1
24.97273	437.351071	340.499766	37.7	0.000455	0.0001	0.00009	23	2
28.06878	437.708214	341.983269	37.8	0.000451	0.00009	0.00013	23	2
26.39907	438.065357	342.939583	38.8	0.000462	0.00008	0.00008	23	1.7
22.86894	438.4225	343.785987	38.9	0.000407	0.00007	0.00012	23	1.6
19.44145	435.177396	387.190364	39.1	0.000334	0.00006	0.00009	23	1.5
16.67897	419.380965	345.128125	39.1	0.000263	0.00005	0.0001	23	1.6
16.18205	403.584534	345.012613	38.9	0.000214	0.00005	0.00009	23	1.6
14.79304	387.788103	345.568333	38.7	0.000183	0.00005	0.00009	23	1.6
17.18292	371.991672	349.695556	38.1	0.00016	0.00004	0.00012	23	1.5
16.58641	360.644123	350.158869	37.6	0.000146	0.00004	0.00008	23	1.5
16.36775	351.351904	347	36.9	0.000153	0.00004	0.00011	23	1.5
16.97125	342.059685	347	37.2	0.000161	0.00005	0.0001	23	1.5
15.91843	332.767467	347.220047	36.7	0.000142	0.00004	0.0001	23	1.5
14.18928	323.475248	340.270014	36.5	0.000127	0.00004	0.0001	23	1.5
16.60473	312.485417	347.717872	36.3	0.000183	0.00007	0.00013	23	1.5
36.87195	301.200694	348.573196	35.6	0.000123	0.00009	0.00016	23	1.5
33.96143	289.915972	350.288688	34.8	0.000065	0.00008	0.00009	23	1.5
30.43426	278.63125	351.867022	33.9	0.000035	0.00008	0.00012	23	1.5
28.68413	268.349327	316.008816	32	0.000022	0.00007	0.00004	23	1.4
29.82048	261.174439	354.053262	29.6	0.000021	0.00007	0	23	1.4
30.34386	253.999552	355.046746	26.6	0.000022	0.00007	0	23	1.4
28.28054	246.824664	356.1868	24	0.000021	0.00007	0	23	1.4
17.70598	239.649776	328.565534	21.4	0.000018	0.00006	0	23	1.4
23.18968	248.98797	344.868631	18.5	0.000033	0.00006	0	23	1.4
31.22391	262.875686	358.31733	16.1	0.000078	0.00006	0.00008	23	1.4
18.97496	276.763402	359.513542	15.4	0.000104	0.00004	0.00005	23	1.3
21.28565	290.651119	360	15.4	0.000172	0.00005	0.00007	23	1.3
34.39501	305.466525	336.769467	15.8	0.000409	0.00007	0.00014	23	1.2
50.38921	339.521424	361.780556	16.3	0.000728	0.00011	0.00014	23	1.4
50.75697	373.576322	363.604522	17.1	0.000889	0.00013	0.0002	23	1.4
54.09546	407.631221	365.391667	18.8	0.000953	0.00024	0.00012	23	2.6
59.47709	441.686119	374.759239	21.3	0.00103	0.00044	0.00018	23	4.3
67.05249	453.51077	387.92069	23.8	0.001148	0.00059	0.00008	23	5
53.8456	448.220096	366.1	26.1	0.000816	0.00052	0.00009	23	5.3
41.14522	442.929423	365.450658	28.4	0.000544	0.00039	0.00011	23	5.5
29.6619	437.638749	365.069643	30.4	0.000397	0.00031	0.00004	23	5.7
26.22264	432.348076	379.979294	31.7	0.000338	0.00026	0.00006	23	5.7
21.31283	416.563219	368.578034	32.3	0.000292	0.0002	0.00002	23	5.1
20.66471	397.870013	360.776104	32.8	0.000249	0.00016	0.00005	23	4.3
20.35571	379.176807	360	32.9	0.000179	0.00013	0.00004	23	3.7
19.76132	360.4836	359.530012	32.6	0.000129	0.00011	0.00005	23	3.2
15.26556	345.075271	351.640999	32	0.000133	0.0001	0.00006	23	2.9
20.12457	346.785029	356.8	31.8	0.000152	0.00009	0.00005	23	2.5
24.50209	348.494787	356.526982	31.5	0.000228	0.0001	0.0001	23	2.3
27.39785	350.204545	354.950549	31.4	0.000281	0.0001	0.00005	23	2.2
20.35584	351.914304	353.845294	31.4	0.000299	0.00008	0.00008	23	2.1
17.3603	347.441585	353.081347	31.8	0.000269	0.00007	0.00005	23	2
15.14181	332.21305	351.878238	31.9	0.000193	0.00006	0.00005	23	2

118.807767	0	0.80117
120.709145	0	0.80138
135.701649	0	0.80163
150.694153	0	0.80201
165.686657	0	0.8029
180.67916	0	0.80355
181.728445	0	0.80391
165.387874	0	0.80415
149.047302	0	0.80431
132.70673	0	0.80443
116.366158	0	0.80453
110.72091	0	0.80462
107.850519	0	0.80472
104.980128	0	0.80484
102.109737	0	0.80494
97.669955	0	0.80504
88.877332	0	0.80513
80.084709	1	0.80521
71.292087	1	0.80528
62.499464	1	0.80534
61.978916	1	0.80539
66.927281	1	0.80544
71.875645	1	0.80549
76.82401	1	0.80553
81.772375	1	0.80557
78.369556	1	0.80561
74.564059	1	0.80566
70.758562	1	0.8057
66.953066	1	0.80574
61.104471	1	0.80581
48.178004	1	0.8059
35.251536	1	0.80598
22.325069	1	0.80606
9.398601	0	0.80613
3.112925	0	0.8062
3.336538	0	0.80627
3.560152	0	0.80634
3.783766	0	0.8064
4.769762	0	0.80646
28.095896	0	0.80652
51.42203	0	0.80656
74.748164	0	0.80661
98.074298	0	0.80668
117.734457	0	0.80679
131.963879	1	0.80692
146.193301	1	0.80716
160.422723	1	0.8076
174.652145	1	0.80819
177	1	0.80871
177	1	0.8091
177	1	0.80941
177	1	0.80967
176.352814	1	0.80987
166.396104	1	0.81003
156.439394	1	0.81016
146.482684	1	0.81027
136.525974	1	0.81037
127.114345	1	0.81046
118.382536	1	0.81056
109.650728	1	0.81066
100.918919	1	0.81074
92.18711	1	0.81081
78.80411	1	0.81087

13:05:58.517	192.6	0	1367
13:05:59.517	192.9	0	1284
13:06:00.517	193.1	8	1381
13:06:01.517	193.4	27.6	1320
13:06:02.517	193.6	5.1	1134
13:06:03.517	193.9	35.5	769
13:06:04.517		37.4	785
13:06:05.517		38.5	842
13:06:06.517		39	766
13:06:07.517		47.3	740
13:06:08.517		62.5	814
13:06:09.517		88.6	1371
13:06:10.517		90.3	2010
13:06:11.517		77.9	2450
13:06:12.517	194.6	79	1995
13:06:13.517	194.6	85.7	1891
13:06:14.517	194.7	72.5	2143
13:06:15.517	194.7	44.8	2250
13:06:16.517	194.8	21.9	1900
13:06:17.517	194.9	0	1719
13:06:18.517	194.9	0	1615
13:06:19.517	195	7.2	1561
13:06:20.517	195.1	22.1	1536
13:06:21.517	195.1	69.2	1557
13:06:22.517	195.2	75.9	1620
13:06:23.517	195.3	66.4	1667
13:06:24.517	195.3	59.8	1693
13:06:25.517	195.4	66.4	1606
13:06:26.517	195.5	82.6	1500
13:06:27.517	195.5	85.6	1551
13:06:28.517	195.6	89.2	1596
13:06:29.517	195.6	96.3	1634
13:06:30.517	195.7	93.8	1714
13:06:31.517	195.8	96.4	1841
13:06:32.517		98.5	2002
13:06:33.517		98.4	2185
13:06:34.517		98	2371
13:06:35.517		79.2	2484
13:06:36.517		71.5	2273
13:06:37.517		78.5	1951
13:06:38.517		60.5	1866
13:06:39.517		59.1	1743
13:06:40.517	195.2	82.4	1567
13:06:41.517	195.2	83.5	1576
13:06:42.517	195.1	78.3	1583
13:06:43.517	195.1	76.7	1589
13:06:44.517	195	75.7	1596
13:06:45.517	194.9	75.6	1600
13:06:46.517	194.9	79.9	1609
13:06:47.517	194.8	79.9	1618
13:06:48.517	194.7	80.8	1624
13:06:49.517	194.7	80.6	1631
13:06:50.517	194.6	87.5	1644
13:06:51.517	194.5	87.3	1668
13:06:52.517	194.5	89.4	1700
13:06:53.517	194.4	66.9	1730
13:06:54.517	194.4	68.4	1745
13:06:55.517	194.3	71.7	1751
13:06:56.517	194.2	78	1750
13:06:57.517	194.2	77	1755
13:06:58.517	194.1	97.1	1766
13:06:59.517	194	83.8	1779
13:07:00.517		71.9	1787

11.98022	316.984515	350.856769	31.3	0.000129	0.00004	0.00004	23	1.9
11.36864	301.75598	349.604762	29.5	0.000099	0.00004	0.00004	23	2
13.62385	286.527446	337.205919	25.8	0.000073	0.00005	0.00005	23	1.9
16.19344	279.614946	337.036645	22.4	0.000051	0.00005	0.00003	23	1.9
12.86864	276.562158	346.281882	20.3	0.000032	0.00004	0.00005	23	1.8
10.27401	273.50937	345.957236	18.9	0.000027	0.00004	0.00003	23	1.8
11.85336	270.456583	344.448499	17.3	0.000029	0.00004	0.00003	23	1.8
11.94	267.403795	315.960837	15.1	0.000034	0.00004	0.00004	23	1.8
12.38569	281.392469	343.260149	13.4	0.000048	0.00004	0.00002	23	1.7
12.88948	295.980947	341.8	11	0.000065	0.00004	0.00004	23	1.7
17.21027	310.569424	341.493423	8.1	0.000116	0.00005	0.00002	23	1.7
37.9791	325.157901	340.634824	6	0.000403	0.0001	0.00007	23	1.6
83.23524	342.13721	339.383131	5	0.001348	0.00028	0.00013	23	1.8
113.63995	379.280699	338.055882	6.1	0.001855	0.00203	0.00025	23	10.3
93.43842	416.424187	337.157895	9.9	0.001354	0.00343	0.00011	23	23.3
100.00027	453.567676	336.7	16.3	0.001588	0.00569	0.00004	23	34.3
88.98477	490.711165	343.10674	22	0.001417	0.0059	0.00014	23	38.1
58.17219	487.025886	374.587929	26.5	0.000717	0.00278	0.00001	23	29.6
26.87516	454.137182	334.5	30.2	0.000281	0.00087	0.00004	23	18.4
20.44239	421.248479	334.457687	32.9	0.000168	0.00039	0.00003	23	10.4
19.03888	388.359775	333.588217	33.4	0.000103	0.00019	0.00003	23	5.7
17.32423	355.471071	336.754526	31.8	0.000061	0.00013	0.00005	23	4.2
20.03222	353.466681	334.059295	29.6	0.000064	0.00016	0.00004	23	3.7
32.76973	359.921052	331.672336	28.6	0.000173	0.00017	0.00012	23	3.2
34.1388	366.375422	331.6	28.1	0.000326	0.00015	0.00008	23	2.7
31.54464	372.829793	331.6	28.4	0.000406	0.00014	0.00011	23	2.6
33.72964	379.716283	352.649763	29.4	0.000428	0.00013	0.00006	23	2.4
28.14346	390.247257	331.462336	30.4	0.000413	0.00012	0.00006	23	2.3
34.52447	400.77823	331.195979	31.1	0.00049	0.00013	0.00013	23	2.2
40.77847	411.309204	331.6	31.6	0.000622	0.00014	0.00007	23	2.1
42.05295	421.840177	341.793046	32.4	0.000657	0.00014	0.0001	23	2.1
59.28181	449.828632	349.55	33.5	0.000984	0.0002	0.00003	23	2.1
89.82886	490.150529	333.1	34.5	0.001659	0.00045	0.00027	23	3
103.89461	530.472427	334.939437	35.3	0.002016	0.00267	0.00025	23	14.9
121.64454	570.794324	337.569336	37	0.002374	0.00817	0.00028	23	39.2
135.17738	611.116222	421.7957	39.9	0.002622	0.01473	0.00042	23	64.2
150.27239	610.738106	356.945136	43.4	0.002731	0.02259	0.00013	23	89.5
117.94852	603.953507	353.064239	47.5	0.002039	0.02113	0.00025	23	101.5
81.65389	597.168907	357.583055	51.5	0.001298	0.01053	0.00002	23	76.9
70.26627	590.384308	360.98275	54.9	0.001094	0.0053	0	23	46.1
57.00972	583.141433	456.727394	55.4	0.00088	0.0023	0	23	23.9
36.0969	568.589445	364.966548	59.4	0.000497	0.00082	0	23	13.7
32.93742	554.037458	366.58257	59.8	0.000478	0.00041	0	23	7
37.27805	539.48547	367.815256	60.3	0.000587	0.0003	0.00003	23	4.7
36.49797	524.933483	386.917442	60.5	0.000565	0.00019	0.00007	23	3.2
32.3639	515.815844	401.796983	60.9	0.000527	0.00016	0.00001	23	2.9
33.42602	510.231429	371.30108	61.2	0.000538	0.00015	0.00008	23	2.6
32.84291	504.647013	372.519531	61.5	0.000525	0.00015	0.00005	23	2.6
35.00106	499.062597	374.616867	61.7	0.000541	0.00014	0.00006	23	2.5
38.18556	493.478182	418.100625	61.9	0.000607	0.00014	0.00011	23	2.2
39.50842	503.723728	378.010341	62.1	0.000663	0.00014	0.00002	23	2
40.70713	514.194041	380.424084	62.4	0.000699	0.00015	0.00011	23	2
48.16853	524.664354	382.54464	62.7	0.000887	0.00017	0.00003	23	1.9
74.75444	535.134667	385.063246	63.1	0.001349	0.00024	0.00023	23	1.9
93.01595	541.035561	453.765535	63.5	0.001639	0.00106	0.00021	23	6.7
79.6682	535.584555	395.128691	64.2	0.001358	0.00289	0.0002	23	19.4
38.4687	530.13355	398.425292	65.5	0.000569	0.00191	0.00008	23	26
32.94471	524.682544	399.770671	66.8	0.000482	0.0012	0.00005	23	20.3
36.26999	519.231538	418.998053	67.6	0.000591	0.00085	0.00009	23	13
40.20704	515.578134	422.325226	67.7	0.000676	0.00046	0.00004	23	6.5
62.50551	512.83436	403.604264	67.7	0.000911	0.00037	0.00014	23	4.1
50.00161	510.090587	405.621087	67.8	0.000891	0.00033	0.00011	23	3.6
41.13656	507.346813	406.626927	68.1	0.00062	0.00024	0.00008	23	3.5

62.747592	1	0.81091
46.691073	1	0.81095
30.634554	1	0.811
14.578035	1	0.81105
51.696047	1	0.81109
90.799831	1	0.81113
129.903614	1	0.81117
169.007398	1	0.81121
211.875052	1	0.81125
267.132784	1	0.81129
322.390515	1	0.81134
377.648247	1	0.81144
432.905979	1	0.81172
454.449527	1	0.81375
421.680669	1	0.81718
388.91181	1	0.82287
356.142951	1	0.82877
323.374093	1	0.83155
265.531381	1	0.83242
202.769874	1	0.83281
140.008368	1	0.833
77.246862	1	0.83313
19.696246	1	0.83329
49.986348	1	0.83346
80.276451	1	0.83361
110.566553	1	0.83375
140.856655	1	0.83388
165.514986	1	0.834
180.501362	1	0.83413
195.487738	1	0.83427
210.474114	1	0.83441
225.46049	1	0.83461
413.289147	1	0.83506
607.572494	1	0.83773
801.855841	1	0.8459
996.139188	1	0.86063
1140.652854	1	0.88322
968.982664	1	0.90435
797.312474	1	0.91488
625.642283	1	0.92018
453.972093	1	0.92248
344.400352	1	0.9233
325.682008	1	0.92371
306.963664	1	0.92401
288.24532	1	0.9242
269.526976	1	0.92436
251.265916	1	0.92451
233.076223	1	0.92466
214.886531	1	0.9248
196.696838	1	0.92494
242.837214	1	0.92508
485.093142	1	0.92523
727.349071	1	0.9254
969.604999	1	0.92564
1211.860927	1	0.9267
1181.428942	1	0.92959
941.904104	1	0.9315
702.379266	1	0.9327
462.854428	1	0.93355
223.32959	1	0.93401
206.144902	1	0.93438
204.16296	1	0.93471
202.181017	1	0.93495

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13:07:02.517		75.3	1788
13:07:03.517		21.3	1777
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13:07:06.517		44.5	1706
13:07:07.517		90.6	1694
13:07:08.517	192.3	99.6	1702
13:07:09.517	192.1	93.4	1735
13:07:10.517	191.9	83.1	1762
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13:07:12.517	191.6	72.4	1797
13:07:13.517	191.4	75.8	1809
13:07:14.517	191.2	80.7	1817
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13:07:16.517	190.8	78.6	1824
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13:07:18.517	190.4	76.8	1842
13:07:19.517	190.2	80.1	1842
13:07:20.517	190	80.3	1839
13:07:21.517	189.8	80.7	1840
13:07:22.517	189.6	80.6	1841
13:07:23.517	189.4	82.3	1838
13:07:24.517	189.2	82.8	1841
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13:07:47.517	189.9	80.2	1841
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13:07:58.517		75.2	1834
13:07:59.517		82.7	1834
13:08:00.517		82.4	1831
13:08:01.517		86	1830
13:08:02.517		83	1833
13:08:03.517	190.9	77.7	1836

34.24383	504.603039	438.028843	68.6	0.000515	0.00019	0.00008	23	3.2
34.46057	479.755112	407.796364	69	0.000527	0.00016	0.00002	23	2.7
28.47475	453.140762	408.088657	69.2	0.000433	0.00014	0.00009	23	2.5
21.03782	426.526413	408.8	69.2	0.000307	0.00014	0.00006	23	2.4
45.46132	399.912063	408.25831	68.7	0.000172	0.00016	0.00016	23	2.1
36.6	402.204167	401.475317	67.9	0.000071	0.00009	0.00007	23	1.9
54.64377	437.620833	409.292381	66.9	0.000464	0.00015	0.00011	23	1.8
86.37161	473.0375	409.6	65.8	0.001318	0.00023	0.00027	23	1.7
99.18347	508.454167	411.469787	65.2	0.001729	0.00114	0.00013	23	6.9
93.71556	543.870833	452.622943	65.7	0.001584	0.00336	0.00028	23	20.7
88.49251	546.281824	413.8	66.7	0.001364	0.00476	0.00002	23	32.1
74.2216	545.268385	413.8	67.9	0.001146	0.00393	0.00014	23	31.5
65.74709	544.254946	413.8	68.8	0.001025	0.00267	0.00007	23	24.6
65.30786	543.241507	415.262107	69.4	0.001052	0.0016	0.00008	23	15
66.05863	542.094322	460.72844	69.7	0.001148	0.00094	0.00011	23	8.2
73.03842	540.716451	412.956072	70	0.001199	0.0007	0.00006	23	5.7
66.56072	539.33858	412.637179	70.2	0.001111	0.00052	0.00017	23	4.6
57.26233	537.96071	412.017808	70.3	0.000945	0.00042	0.00005	23	4.3
51.08269	536.582839	424.370492	70.7	0.000858	0.00035	0.00013	23	4
51.23534	534.720565	440.357381	71	0.000851	0.00029	0.00007	23	3.3
51.45565	532.503174	411.2	71.1	0.000856	0.00026	0.00009	23	3
51.90164	530.285783	410.455863	71.1	0.000853	0.00025	0.00012	23	2.9
51.39411	528.068391	410.4	71.1	0.000855	0.00024	0.00007	23	2.8
56.44609	525.851	450.879677	71.1	0.000923	0.00023	0.00015	23	2.5
56.32834	526.933223	409.6	71.1	0.00095	0.00022	0.00008	23	2.4
55.17797	528.093123	409.6	71.1	0.000924	0.00022	0.00016	23	2.4
58.4044	529.253024	409.157757	71.1	0.000964	0.00023	0.00011	23	2.4
59.93632	530.412925	408.8	71.1	0.001001	0.00023	0.00015	23	2.3
63.72528	531.148838	468.616963	71	0.001072	0.00025	0.00013	23	2.3
66.25183	529.463189	408.474431	71	0.001089	0.00024	0.00003	23	2.2
56.95184	527.77754	408	71	0.000968	0.00022	0.00012	23	2.2
51.40835	526.091891	408	71.1	0.000871	0.0002	0.00004	23	2.2
49.782	524.406241	433.831325	71.3	0.000801	0.00019	0.00009	23	2.2
48.73413	523.509996	414.5	71.5	0.000812	0.00019	0.00004	23	2.2
50.78223	522.864403	407.2	71.5	0.000824	0.00019	0.00005	23	2.2
50.88218	522.218811	407.2	71.5	0.000835	0.00019	0.00009	23	2.2
51.98988	521.573219	407.2	71.3	0.000866	0.00019	0.00003	23	2.1
53.85928	520.77545	456.551842	71.2	0.000889	0.00019	0.00011	23	2.1
54.19319	519.559909	407.2	71.2	0.000905	0.00019	0.00003	23	2.1
54.71862	518.344367	407.2	71.2	0.000915	0.0002	0.0001	23	2.1
53.91084	517.128826	406.316981	71.2	0.000903	0.0002	0.00003	23	2.1
51.33679	515.913284	424.442886	71.2	0.000835	0.00019	0.00005	23.4	2.1
49.64097	513.110147	420.514403	71.6	0.000801	0.00018	0.00002	23.6	2.1
49.41454	509.489159	407.092652	71.5	0.00079	0.00018	0	23.5	2.1
47.3135	505.86817	406.3	71.3	0.000736	0.00016	0	24	2.1
43.47202	502.247181	406.3	71.5	0.000675	0.00015	0	24	2.1
42.10416	498.942827	445.795592	71.5	0.000669	0.00015	0.00005	24	2.1
48.24794	501.918385	406.3	71.5	0.000784	0.00017	0.00004	24	2
51.89169	504.893943	406.3	71.2	0.000842	0.00017	0.00005	24	2
51.94329	507.869501	406.3	71.2	0.000876	0.00017	0.0001	24	1.9
52.28433	510.845058	406.3	71.2	0.000863	0.00017	0.00003	24	1.9
52.00387	511.753128	445.846618	71.2	0.000832	0.00017	0.00009	24	1.9
40.81981	508.701025	406.617165	71.3	0.000644	0.00014	0	24	1.9
43.35051	505.648921	407.148771	71.3	0.0006	0.00014	0.00009	24	1.9
47.77333	502.596817	406.937461	71.3	0.00075	0.00015	0.00005	24	1.9
47.94286	499.544713	426.6125	71	0.000769	0.00016	0.00006	24	1.9
44.17768	498.64741	418.840025	71	0.000685	0.00014	0.00007	24	1.9
40.5635	498.445571	407.122508	71	0.00062	0.00013	0.00002	24	1.9
42.2174	498.243732	406.3	71.1	0.000666	0.00013	0.00007	24	1.8
45.37744	498.041893	406.3	71	0.000725	0.00013	0.00003	24	1.8
48.33581	498.188723	445.060468	70.9	0.000854	0.00015	0.00008	24	1.8
54.58878	499.160855	407.2	70.8	0.000929	0.00016	0.00005	24	1.8
53.9191	500.132988	407.645833	70.8	0.000925	0.00017	0.00009	24	1.8

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140.551945	1	0.93544
98.653698	1	0.93558
56.755451	1	0.93574
14.857204	1	0.93583
269.028159	0	0.93598
640.057671	0	0.93621
1011.087182	0	0.93735
1382.116693	0	0.94071
1571.454349	0	0.94547
1288.916037	0	0.9494
1006.377725	1	0.95207
723.839413	1	0.95367
441.301101	1	0.95461
326.771072	1	0.95531
304.710718	1	0.95583
282.650364	1	0.95625
260.59001	1	0.9566
238.529657	1	0.95689
228.242009	1	0.95715
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212.151555	1	0.95764
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223.078775	1	0.95902
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194.79599	1	0.96063
185.423714	1	0.96082
184.754667	1	0.96101
191.865778	1	0.96121
198.976889	1	0.96141
206.088	1	0.9616
212.939144	1	0.96178
210.765703	1	0.96196
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199.068871	1	0.96276
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193.559229	1	0.9631
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214.389561	1	0.96386
220.967112	1	0.964
208.002252	1	0.96413
194.939189	1	0.96426
181.876126	1	0.96439
168.813063	1	0.96454
171.459245	1	0.9647
186.701127	1	0.96487

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13:08:25.517		76.9	1849
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13:09:04.517	191.3	79.2	1845
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13:09:06.517	191.4	75.3	1843

50.96288	501.10512	408	70.9	0.000845	0.00016	0.00007	24	1.8
47.89603	502.077252	423.323288	71	0.000767	0.00015	0.00004	24	1.8
44.83474	501.988219	420.093353	71.1	0.000718	0.00014	0.00006	24	1.8
45.5271	501.371781	408	71.2	0.00072	0.00014	0.00003	24	1.8
46.37193	500.755342	408	71.2	0.000748	0.00014	0.00011	24	1.8
47.20304	500.138904	408.672517	71.2	0.000757	0.00014	0.00007	24	1.8
45.89533	500.325021	446.820115	71.2	0.000747	0.00014	0.00009	24	1.8
45.33863	502.495234	408.8	71.2	0.000743	0.00014	0.00013	24	1.8
46.46692	504.665447	408.8	71.3	0.000756	0.00014	0.00005	24	1.8
50.84218	506.83566	408.8	71.2	0.000836	0.00014	0.00014	24	1.7
52.62629	509.005872	413.35972	71.2	0.000908	0.00015	0.00007	24	1.7
56.8287	511.71146	431.963251	71.1	0.000972	0.00016	0.00014	24	1.7
60.41998	514.792175	409.351753	71.1	0.001005	0.00017	0.0001	24	1.7
60.50263	517.87289	410.341361	71	0.001022	0.00018	0.00015	24	1.7
57.24716	520.953604	410.4	71	0.000986	0.00017	0.00011	24	1.7
59.5981	524.034319	427.35621	71.1	0.000987	0.00017	0.00006	24	1.7
61.29726	525.713181	427.266538	71.1	0.001026	0.00017	0.00012	24	1.7
64.61225	526.84417	411.2	71.1	0.001062	0.00018	0.00003	24	1.7
60.59345	527.975159	410.547395	71.1	0.001017	0.00017	0.00008	24	1.7
55.63545	529.106148	411.2	71.1	0.000957	0.00016	0.00004	24	1.7
52.94077	530.237138	444.470683	71.2	0.00092	0.00016	0.00006	24	1.7
52.84438	525.439893	419.801277	71.3	0.000863	0.00015	0.00005	24	1.7
47.6325	519.645376	410.4	71.5	0.000765	0.00014	0.00006	24	1.7
44.98916	513.850858	410.4	71.6	0.000705	0.00013	0.00008	24	1.7
43.11	508.056341	411.152812	71.6	0.000648	0.00012	0.00001	24	1.7
38.70135	501.551332	443.023529	71.6	0.00057	0.00011	0.00008	24	1.7
36.09904	493.831366	409.947267	71.6	0.00054	0.0001	0.00004	24	1.7
34.79571	486.1114	409.6	71.6	0.000516	0.0001	0.00007	24	1.7
34.43729	478.391434	409.6	71.6	0.000505	0.00009	0.0001	24	1.6
34.29116	470.671468	417.701915	71.6	0.00051	0.0001	0.00008	24	1.6
33.75174	467.399107	417.978084	71.5	0.000502	0.0001	0.00014	24	1.6
34.93157	466.617683	408.8	71.5	0.000519	0.0001	0.00006	24	1.6
37.09864	465.836258	408.493871	71.3	0.00056	0.0001	0.00012	24	1.6
38.30147	465.054834	408.551821	71.3	0.000595	0.00011	0.00008	24	1.6
40.17105	464.998812	436.524661	71.2	0.000624	0.00011	0.00009	24	1.6
42.21074	468.695182	408.279149	71.2	0.000672	0.00012	0.0001	24	1.6
43.01554	472.391551	408.8	71.1	0.000688	0.00012	0.00005	24	1.6
43.21882	476.087921	408.054914	71.1	0.000709	0.00012	0.00014	24	1.6
45.26074	479.78429	414.675153	71.1	0.000743	0.00013	0.00004	24	1.6
46.07136	481.912595	421.29671	71.1	0.00076	0.00013	0.00008	24	1.6
45.014	483.067531	408.08595	71.1	0.000743	0.00013	0.00003	24	1.6
43.56983	484.222467	408.222279	71.2	0.000704	0.00012	0.00008	24	1.5
45.1079	485.377402	408.428541	71.2	0.000713	0.00012	0.00006	24	1.5
43.46259	486.440632	439.279444	71.3	0.000708	0.00012	0.00006	24	1.5
41.47	484.320338	408.155024	71.3	0.00066	0.00012	0.00009	24	1.6
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39.56135	480.079749	408	71.5	0.000624	0.00011	0.00001	24	1.6
39.44	477.959455	408.308269	71.5	0.000613	0.00011	0	24	1.6
39.56579	476.7	432.223442	71.5	0.000652	0.00011	0.00001	24	1.6
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40.68324	476.7	407.374046	71.3	0.000653	0.00011	0.0001	24	1.6
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39.76113	476.7	418.078466	71.3	0.00064	0.00012	0.0001	24	1.7
39.33962	476.98177	418.04687	71.3	0.000628	0.00011	0.00017	24	1.7
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42.0038	478.28225	407.377534	71.3	0.000691	0.00012	0.00013	24	1.7
42.05	478.543504	437.619559	71.3	0.000698	0.00012	0.00013	24	1.7
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41.28868	478.120313	407.2	71.3	0.000669	0.00012	0.00009	24	1.6
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42.6968	479.368073	429.769432	68.5	0.000712	0.00012	0.00006	24	1.6
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44.64479	480.382241	440.180797	71.3	0.000735	0.00012	0.00007	24	1.6
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43.38028	481.825058	406.3	71.3	0.000698	0.00012	0.00005	24	1.6
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44.07676	484.906475	406.594774	71.3	0.000699	0.00012	0.00006	24	1.7
45.95269	486.82494	406.3	71.3	0.000759	0.00013	0.00006	24	1.7
47.86557	488.743405	406.3	71.5	0.00079	0.00014	0.00011	24	1.7
50.03422	490.661871	430.055952	71.2	0.000803	0.00014	0.00004	24	1.7
52.99375	495.587385	406.3	71.2	0.000878	0.00015	0.00012	24	1.7
56.37051	500.746204	406.589535	71.2	0.000969	0.00016	0.00006	24	1.7
61.57879	505.905024	406.649098	71.1	0.00105	0.00018	0.00011	24	1.7
64.33	511.063843	406.3	71.1	0.001069	0.00018	0.00007	24	1.7
61.76028	516.176353	438.679494	71	0.001057	0.00018	0.00005	24	1.7
61.94673	521.240469	406.692971	71	0.001048	0.00018	0.00007	24	1.7
63.87077	526.304586	407.086667	71	0.001089	0.00018	0.00001	24	1.7
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69.83052	536.432819	443.106875	70.9	0.00118	0.0002	0.00004	24	1.7
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60.91776	535.194428	406.3	70.8	0.001019	0.00018	0.00006	24	1.8
57.88322	534.238087	406.3	70.9	0.000959	0.00017	0.00004	24	1.8
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39.80259	479.981868	403.8	71.3	0.000645	0.00012	0.00004	24	1.8
38.8932	478.267308	427.073478	71.5	0.000612	0.00012	0.00006	24	1.8
38.70316	475.557517	403.50318	71.5	0.000592	0.00012	0.00008	24	1.8
37.86517	472.847727	403.8	71.6	0.000588	0.00011	0.00004	24	1.8
38.23232	470.137937	403.8	71.5	0.000583	0.00011	0.00009	24	1.8
37.52618	467.428147	421.295205	71.6	0.000579	0.00011	0.00004	24	1.8
37.38008	467.661979	407.008974	71.5	0.000594	0.00012	0.00013	24	1.8
39.44271	468.448176	403.752632	71.5	0.000625	0.00012	0.00009	24	1.8
40.3692	469.234374	403.8	71.3	0.000648	0.00012	0.00011	24	1.8
41.06084	470.020572	403.8	71.3	0.000666	0.00013	0.00013	24	1.8
41.92772	470.995744	432.337353	71.3	0.000678	0.00013	0.00009	24	1.9
42.54894	472.500473	403.8	71.2	0.000693	0.00014	0.00015	24	1.9
44.59526	474.005202	403.8	71.2	0.000683	0.00013	0.00007	24	1.8
42.579	475.509931	403.8	71.3	0.000682	0.00013	0.00009	24	1.8
42.03989	477.01466	409.394334	71.3	0.000676	0.00013	0.00007	24	1.8
42.01994	477.369047	419.788437	71.3	0.00068	0.00013	0.00005	24	1.8
41.29331	476.991054	404.498587	71.3	0.00065	0.00013	0.0001	24	1.8
39.17759	476.613062	404.546883	71.3	0.000632	0.00012	0.00004	24	1.8
40.24463	476.235069	404.144904	71.5	0.000654	0.00012	0.0001	24	1.8
41.33264	475.857077	425.104726	71.5	0.000672	0.00013	0.00003	24	1.8
41.85208	474.993928	404.7	71.3	0.000685	0.00013	0.00009	24	1.8
41.58965	474.044491	404.7	71.3	0.000668	0.00013	0.00004	24	1.8
40.41894	473.095054	404.148698	71.3	0.000655	0.00013	0.00005	24	1.8
40.19	472.145617	404.509926	71.3	0.000642	0.00013	0.00005	24	1.9
39.11941	472.058057	431.377722	71.3	0.000627	0.00013	0.00002	24	1.9
38.14304	473.801987	404.7	71.5	0.000611	0.00012	0.00009	24	1.9
39.27725	475.545916	404.7	71.5	0.000634	0.00013	0.00004	24	2
41.92502	477.289845	404.590974	71.3	0.000684	0.00014	0.00009	24	1.9
46.32903	479.033775	419.339063	71.3	0.000783	0.00015	0.00005	24	1.9
46.9739	478.495094	411.499868	71.2	0.000767	0.00014	0.00008	24	1.8
43.58773	477.349643	404.7	71.2	0.000709	0.00014	0.00008	24	1.8
43.29033	476.204193	404.7	71.3	0.000679	0.00013	0.00002	24	1.8
41.14862	475.058742	404.7	71.3	0.000648	0.00013	0.00007	24	1.9
39.52605	474.010647	439.355456	71.5	0.000623	0.00013	0.00002	24	1.9
39.70961	473.462471	404.7	71.5	0.000621	0.00012	0.00009	24	1.9
40.13699	472.914295	404.7	71.5	0.000653	0.00013	0.00005	24	1.9
41.159	472.366118	404.7	71.5	0.000652	0.00013	0.00005	24	1.9
39.56248	471.817942	403.886037	71.5	0.000647	0.00013	0.0001	24	1.9
40.643	471.896313	424.769027	71.3	0.000651	0.00013	0.00002	24	1.9
41.32337	472.839917	404.350633	71.3	0.000672	0.00014	0.00009	24	2
41.95114	473.78352	403.954522	71.3	0.00068	0.00014	0.00003	24	2
42.04928	474.727123	403.8	71.3	0.000693	0.00014	0.0001	24	2
43.4151	475.670726	425.292537	71.3	0.000709	0.00015	0.00005	24	2
45.31413	475.652226	403.8	71.3	0.000729	0.00016	0.00007	24	2.1
46.09437	475.480993	403.8	71.2	0.000749	0.00017	0.00007	24	2.2
44.2173	475.30976	403.8	71.2	0.000716	0.00017	0.00002	24	2.2
41.85895	475.138527	403.8	71.3	0.000666	0.00016	0.00008	24	2.2
39.71688	475.359145	437.576953	71.3	0.000636	0.00015	0.00001	24	2.2
43.07532	477.239487	403.8	71.3	0.000697	0.00016	0.00008	24	2.2
46.26779	479.119829	403.8	71.3	0.000775	0.00017	0.00004	24	2.2
46.44527	481.000171	403.8	71.3	0.000763	0.00018	0.00007	24	2.3
46.44621	482.880513	403.8	71.3	0.000751	0.00018	0.00005	24	2.3
45.70337	485.46438	425.118265	71.3	0.000749	0.00018	0	24	2.3
45.47212	488.721483	402.9	71.3	0.000732	0.00017	0	24	2.3
47.47282	491.978586	402.9	71.3	0.000788	0.00018	0	24	2.3
52.25908	495.23569	403.48883	71.2	0.000911	0.00021	0.00002	24	2.3
52.08869	497.593433	449.467431	71.2	0.000884	0.00021	0.00006	24	2.3
49.10547	495.908998	403.177831	71.2	0.000785	0.00019	0.00011	24	2.3
45.45866	494.224563	403.8	71.3	0.000725	0.00018	0.00011	24	2.3
44.11487	492.540128	403.8	71.3	0.000684	0.00017	0.00004	24	2.3
44.63202	490.855693	406.783745	71.5	0.000715	0.00017	0.00013	24	2.3
46.23267	489.815884	428.403614	71.3	0.000756	0.00019	0.00001	24	2.4
47.50678	489.441663	403.8	71.3	0.000793	0.0002	0.00009	24	2.4

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145.229605	1	0.98329
158.686291	1	0.98342
172.142977	1	0.98355
166.205813	1	0.98368
157.163832	1	0.9838
148.121851	1	0.98392
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131.475092	1	0.98431
131.043778	1	0.98444
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130.181152	1	0.9847
128.33112	1	0.98482
125.453741	1	0.98495
122.576361	1	0.98509
119.698982	1	0.98524
117.507649	1	0.98538
125.69554	1	0.98552
133.88343	1	0.98565
142.071321	1	0.98578
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152.090281	1	0.98603
145.178834	1	0.98616
138.267387	1	0.98629
131.35594	1	0.98642
124.444492	1	0.98655
124.040561	1	0.98669
125.356062	1	0.98683
126.671563	1	0.98697
127.987064	1	0.98712
130.109713	1	0.98728
134.93455	1	0.98745
139.759387	1	0.98762
144.584225	1	0.98778
149.409062	1	0.98793
153.878898	1	0.98809
157.936993	1	0.98826
161.995088	1	0.98844
166.053182	1	0.98862
170.111277	1	0.9888
169.37254	1	0.98897
167.288724	1	0.98915
165.204909	1	0.98936
163.121093	1	0.98957
163.769738	1	0.98976
167.60034	1	0.98994
171.430943	1	0.99011
175.261545	1	0.99028
179.092147	1	0.99047
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13:11:29.517	193.5	78.6	1844
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13:12:14.517	193.3	78.8	1846
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46.7482	489.067443	403.8	71.2	0.000766	0.00019	0.00005	24	2.4
45.36055	488.693222	403.8	71.3	0.000742	0.00019	0.00009	24	2.4
44.37395	488.319002	418.54321	71.3	0.000704	0.00019	0.00006	24	2.5
42.40054	486.928205	417.100066	71.3	0.000672	0.00019	0.00005	24	2.6
41.56724	485.063403	403.8	71.5	0.000642	0.00018	0.00008	24	2.6
40.27928	483.198601	403.730253	71.5	0.000635	0.00018	0.00002	24	2.6
40.53477	481.3338	403.29965	71.5	0.000637	0.00018	0.00009	24	2.7
41.02435	479.468998	430.892996	71.5	0.000653	0.00019	0.00004	24	2.7
41.62078	479.587597	403.679674	71.3	0.000665	0.00019	0.00008	24	2.7
41.74227	479.782403	402.9	71.3	0.000676	0.00019	0.00009	24	2.7
42.68745	479.977208	402.9	71.3	0.000689	0.0002	0.00008	24	2.7
43.0645	480.172013	403.616058	71.3	0.000703	0.0002	0.0001	24	2.7
43.58476	480.024989	429.640909	71.3	0.000712	0.0002	0.00004	24	2.7
42.82074	479.223207	403.8	71.3	0.000695	0.0002	0.0001	24	2.7
42.81042	478.421425	403.8	71.3	0.000681	0.0002	0.00006	24	2.7
41.74851	477.619644	403.8	71.3	0.000663	0.00019	0.00008	24	2.7
40.69482	476.817862	424.793108	71.3	0.000655	0.00019	0.0001	24	2.7
42.20362	478.060661	403.80321	71.3	0.000682	0.0002	0.00005	24	2.7
44.164	479.655808	404.485272	71.3	0.000713	0.0002	0.00012	24	2.7
45.13931	481.250955	404.559965	71.3	0.000743	0.00021	0.00004	24	2.7
46.26092	482.846102	404.7	71.2	0.000753	0.00021	0.00012	24	2.7
45.48112	483.873108	431.604408	71.2	0.000743	0.00021	0.00005	24	2.7
44.99856	484.054967	404.7	71.2	0.000724	0.00021	0.00008	24	2.7
43.54005	484.236827	405.5	71.3	0.00071	0.0002	0.00006	24	2.6
44.4569	484.418686	405.054894	71.3	0.000723	0.0002	0.0001	24	2.6
43.54362	484.597811	435.652697	71.3	0.000707	0.00019	0.00014	24	2.6
42.81083	483.86804	405.5	71.3	0.000701	0.00019	0.00006	24	2.6
43.56482	483.13827	405.5	71.3	0.000696	0.00018	0.00014	24	2.5
42.99984	482.4085	405.5	71.3	0.000691	0.00018	0.00009	24	2.5
43.49969	481.678729	406.21629	71.3	0.000692	0.00018	0.0001	24	2.5
43.68072	481.057982	433.230373	71.3	0.000698	0.00018	0.00012	24	2.4
43.01354	480.645138	406.3	71.3	0.000693	0.00018	0.00006	24	2.4
42.00107	480.232294	405.518438	71.3	0.00068	0.00017	0.00009	24	2.3
41.84294	479.81945	405.832537	71.3	0.00068	0.00017	0.00002	24	2.3
43.5133	479.406606	433.996888	71.3	0.000702	0.00017	0.0001	24	2.3
43.76412	480.69894	406.3	71.3	0.00072	0.00017	0.00005	24	2.3
45.37029	482.019	406.3	71.3	0.000738	0.00017	0.00008	24	2.2
46.18026	483.339061	405.750197	71.3	0.000748	0.00017	0.00006	24	2.2
45.53938	484.659121	406.227446	71.3	0.000752	0.00017	0.00003	24	2.2
46.93722	486.114069	433.507306	71.3	0.000759	0.00018	0.00008	24	2.2
47.02512	487.805717	406.3	71.3	0.000756	0.00018	0.00002	24	2.2
47.30929	489.497366	405.662905	71.3	0.00077	0.00018	0.00009	24	2.2
47.73275	491.189015	406.3	71.3	0.000767	0.00018	0.00003	24	2.2
48.89953	492.880664	417.585612	71.3	0.000795	0.00018	0.00007	24	2.2
49.2067	493.4	419.686965	71.3	0.000823	0.00019	0.00008	24	2.2
48.90868	493.4	406.3	71.3	0.000821	0.00019	0.00003	24	2.2
48.34235	493.4	406.3	71.3	0.000787	0.00019	0.0001	24	2.2
48.11159	493.4	406.3	71.3	0.000767	0.00018	0.00002	24	2.2
46.82848	493.466328	445.492254	71.3	0.000759	0.00018	0.0001	24	2.2
46.4393	494.265464	405.621444	71.5	0.00074	0.00017	0.00004	24	2.2
46.91642	495.0646	406.059641	71.3	0.000763	0.00016	0.00006	24	2
51.04049	495.863737	406.136173	71.3	0.000833	0.00017	0.00009	24	2
50.67854	496.662873	407.548968	71.3	0.000844	0.00018	0.00004	24	2
48.65602	496.65188	434.401951	71.2	0.000782	0.00017	0.0001	24	2
46.72309	495.662651	406.3	71.3	0.000736	0.00016	0.00004	24	2
47.05104	494.673423	406.3	71.3	0.000739	0.00016	0	24	2
46.1741	493.684194	406.3	71.3	0.000737	0.00016	0	24	2
45.23847	492.694966	428.913796	71.3	0.000726	0.00016	0	24	2
45.66934	492.067029	407.209618	71.3	0.000726	0.00016	0	24	2
44.35197	491.47746	405.65138	71.3	0.000723	0.00016	0.00003	24	2
45.40197	490.887891	406.3	71.3	0.000731	0.00016	0.00011	24	2
45.07269	490.298322	406.3	71.3	0.000722	0.00016	0.00004	24	2
44.16	489.624946	430.121475	71.3	0.000723	0.00016	0.00008	24	2

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13:12:23.517	192.8	76.9	1847
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13:12:26.517	192.6	80.4	1843
13:12:27.517	192.5	79.2	1845
13:12:28.517	192.4	79.2	1844
13:12:29.517	192.4	79.2	1843
13:12:30.517	192.3	78.1	1846
13:12:31.517	192.2	77	1844
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13:12:36.517		74.3	1849
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13:12:39.517		68	1848
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13:12:41.517	191.6	69	1843
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13:12:44.517	191.4	69.6	1841
13:12:45.517	191.3	72.3	1840
13:12:46.517	191.3	74.6	1837
13:12:47.517	191.2	79	1834
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13:12:49.517	191.1	80.2	1830
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13:13:11.517	191.2	79.6	1837
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43.41693	488.865727	406.3	71.3	0.000712	0.00015	0.00005	24	2
43.73901	488.106508	406.3	71.3	0.000699	0.00015	0.0001	24	2
43.33175	487.347289	406.3	71.3	0.000689	0.00015	0.0001	24	2
44.46752	486.588069	430.964017	71.3	0.00071	0.00015	0.00008	24	2
46.83227	485.635781	407.590564	71.3	0.000752	0.00016	0.00017	24	2
46.84044	484.658158	406.3	71.3	0.000776	0.00016	0.00011	24	2
44.16951	483.680534	406.3	71.3	0.000702	0.00015	0.00017	24	2
41.87546	482.702911	406.3	71.5	0.000649	0.00014	0.00008	24	2
40.56708	481.952674	438.186654	71.5	0.000633	0.00013	0.00011	24	2
40.82953	481.784253	406.3	71.5	0.000648	0.00013	0.00009	24	2
41.526	481.615832	406.3	71.5	0.000661	0.00014	0.0001	24	2
42.1391	481.447411	407.2	71.5	0.000681	0.00014	0.00013	24	2
42.30588	481.278989	412.733466	71.5	0.000698	0.00014	0.00004	24	2
43.48806	480.990441	425.96125	71.3	0.000709	0.00015	0.00012	24	2
43.81289	480.59579	406.943929	71.3	0.000715	0.00015	0.00005	24	2
43.37987	480.20114	406.373518	71.3	0.0007	0.00014	0.00012	24	2
42.18654	479.80649	407.2	71.3	0.000684	0.00014	0.00009	24	2
41.43378	479.41184	432.819355	71.3	0.000657	0.00014	0.00006	24	2
40.86408	476.571836	407.987166	71.3	0.000638	0.00013	0.0001	24	2
37.99245	473.656203	407.2	71.3	0.000608	0.00013	0.00003	24	2
37.79095	470.740571	407.2	71.5	0.000586	0.00012	0.00009	24	2
36.72236	467.824938	406.584312	71.5	0.000567	0.00012	0.00006	24	2
34.5488	464.766797	434.831529	71.6	0.000534	0.00012	0.00008	24	2
33.00516	460.787671	407.2	71.6	0.000504	0.00011	0.00009	24	2
33.80858	456.808545	407.2	71.6	0.0005	0.00011	0.0001	24	2
34.83729	452.829419	407.2	71.6	0.000509	0.00012	0.00011	24	2
35.54125	448.850294	410.031301	71.5	0.000528	0.00013	0.00006	24	2.1
36.02907	447	416.5273	71.5	0.000535	0.00013	0.00012	24	2.1
36.53576	447	406.554589	71.3	0.000538	0.00013	0.00007	24	2.1
37.0854	447	407.2	71.3	0.00056	0.00013	0.00013	24	2.1
37.60026	447	407.2	71.3	0.000588	0.00013	0.00011	24	2.1
40.16339	447.05323	422.398018	71.2	0.000621	0.00014	0.00008	24	2
43.29105	451.892283	408	71.2	0.000702	0.00014	0.00012	24	2
46.43371	456.731337	407.863185	71	0.000777	0.00016	0.00005	24	2
48.19736	461.57039	408.109657	70.9	0.000794	0.00017	0.00013	24	2
45.92293	466.409444	407.553448	70.8	0.000734	0.00016	0.00005	24	2
42.78297	464.232174	431.872546	70.9	0.000665	0.00015	0.00007	24	2
37.37649	447.145217	408	70.9	0.000537	0.00013	0.00004	24	2.1
25.77125	430.058261	407.365803	70.9	0.000408	0.00011	0.00005	24	2.1
28.56835	412.971304	407.2	71	0.000316	0.0001	0.00008	24	2.1
24.7302	395.884348	405.597412	70.6	0.000209	0.00009	0.00008	24	2.1
19.92171	405.347898	405.007101	70	0.000185	0.0001	0.00013	24	2.2
51.03666	425.136646	405.543544	69.3	0.000438	0.00018	0.0001	24	2.1
68.88975	444.925393	406.036458	68.5	0.000972	0.00023	0.00018	24	2.1
65.08499	464.714141	405.961905	68	0.001095	0.00022	0.00006	24	2
54.07791	482.943729	440.420856	68.3	0.000945	0.0002	0.00007	24	2
49.98097	483.483596	405.5	69	0.000836	0.00018	0.00008	24	2
45.72452	484.023463	405.5	69.7	0.000745	0.00017	0.00001	24	2.1
44.03322	484.563331	405.5	70.1	0.000694	0.00015	0.00006	24	2.1
45.68827	485.103198	404.852174	70.3	0.000731	0.00016	0.00002	24	2
45.91848	485.041904	439.819289	70.5	0.000748	0.00016	0.00007	24	2
45.384	483.313239	404.3625	70.7	0.000731	0.00016	0.00005	24	2
43.13428	481.584573	403.179536	70.8	0.000681	0.00015	0.00006	24	2.1
41.47	479.855908	402.789524	70.9	0.000646	0.00014	0.00007	24	2.1
42.1366	478.127243	415.973502	71.1	0.000659	0.00014	0.00006	24	2.1
42.99039	477.877384	413.220066	71.1	0.000701	0.00015	0.00015	24	2
44.477	478.276497	400.562651	71.1	0.00074	0.00016	0.00008	24	2
45.01332	478.67561	400.5	71.1	0.000749	0.00016	0.00009	24	2
43.71986	479.074723	400.5	71	0.000706	0.00015	0.00004	24	2.1
41.13355	479.223657	438.289921	71.1	0.000653	0.00015	0	24	2.1
40.07586	478.270451	399.7	71.3	0.000619	0.00014	0	24	2.1
38.22583	477.317244	399.257949	71.3	0.000594	0.00013	0	24	2.1
39.58448	476.364038	398.9	71.3	0.00064	0.00014	0.00007	24	2

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167.568	1	1.00362
159.568	1	1.00376
151.568	1	1.0039
143.568	1	1.00404
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135.40744	1	1.00434
137.157987	1	1.00448
138.908534	1	1.00462
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140.013253	1	1.00489
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98.732016	1	1.00585
98.065941	1	1.00598
98	1	1.00611
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98	1	1.00637
98	1	1.00651
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140.30796	1	1.00698
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170.95766	1	1.00742
151.315583	1	1.00753
131.673505	1	1.00763
112.031427	1	1.00772
98.621913	1	1.00782
154.9867	1	1.008
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181.369532	1	1.00978
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156.309079	1	1.01021
162.849522	1	1.01037
169.962214	1	1.01053
177.074906	1	1.01068
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167.724775	1	1.0111
153.875577	1	1.01124

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13:14:10.517	191.4	78.5	1844
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13:14:13.517	191.6	76.2	1843
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13:14:21.517	192.1	78.3	1841

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41.67762	474.887574	414.791074	71.3	0.000679	0.00015	0.00009	24	2
42.76796	474.689989	398.2	71.3	0.00069	0.00015	0.00005	24	2
42.33183	474.492404	397.4	71.3	0.00069	0.00015	0.00003	24	2
42.38261	474.294819	397.4	71.3	0.000683	0.00015	0.00007	24	2
41.50277	474.083668	426.765367	71.3	0.000662	0.00015	0.00002	24	2
39.79355	472.91711	397.4	71.3	0.000638	0.00014	0.00006	24	2
39.02	471.750551	397.4	71.3	0.000621	0.00014	0.00003	24	2
38.87288	470.583992	396.713264	71.5	0.000613	0.00013	0.00007	24	2
38.16949	469.417434	397.354953	71.5	0.000613	0.00013	0.00003	24	2
39.1454	468.934348	422.531854	71.5	0.000621	0.00014	0.00002	24	2
38.96321	469.543043	397.4	71.5	0.000624	0.00014	0.00006	24	2
39.31369	470.151739	397.4	71.3	0.000626	0.00014	0.00002	24	2
40.26924	470.760435	396.6	71.3	0.00065	0.00014	0.00006	24	2
42.1081	471.36913	414.70904	71.3	0.000701	0.00015	0.00002	24	2
43.98394	470.198715	404.415953	71.2	0.00072	0.00015	0.00009	24	2
41.2473	468.541028	398.119916	71.2	0.000669	0.00015	0.00004	24	2.1
39.22348	466.88334	397.657895	71.2	0.000602	0.00014	0.00004	24	2.1
37.73191	465.225653	398.2	71.3	0.000577	0.00013	0.00006	24	2.1
36.146	463.567965	421.496452	71.3	0.000573	0.00013	0.00004	24	2.1
37.85995	461.34696	398.2	71.3	0.00058	0.00013	0.00006	24	2.1
37.23073	459.101871	398.2	71.6	0.000577	0.00013	0.00002	24	2.1
36.78388	456.856782	398.205799	71.5	0.000559	0.00013	0.00009	24	2.1
34.69755	454.611693	405.80471	71.5	0.000512	0.00012	0.00005	24	2.1
32.4195	448.090008	407.319711	71.5	0.000478	0.00011	0.00005	24	2
32.18703	439.583432	398.9	71.6	0.000454	0.00011	0.0001	24	2
30.91439	431.076856	398.76245	71.5	0.000434	0.00011	0.0001	24	2
29.92538	422.57028	398.500106	71.5	0.000408	0.0001	0.00015	24	2
29.24908	414.063704	404.126288	71.5	0.000383	0.0001	0.00009	24	2
29.11493	408.847561	398.2	71.5	0.000369	0.0001	0.00016	24	2
29.2584	403.736684	398.2	71.5	0.000355	0.0001	0.00015	24	2
29.27776	398.625808	398.667575	71.5	0.000353	0.0001	0.00017	24	2
29.75726	393.514931	398.345957	71.3	0.000365	0.0001	0.00016	24	2
30.20734	389.436898	394.609091	71.3	0.000385	0.00011	0.00018	24	2.1
31.29418	388.739882	398.2	71.2	0.000399	0.00011	0.00018	24	2.1
30.53073	388.042866	398.2	71.3	0.000398	0.00011	0.00012	24	2.1
29.91861	387.345851	398.9	71.3	0.000399	0.00011	0.00017	24	2.1
31.40518	386.648835	396.884324	71.3	0.000415	0.00011	0.00015	24	2.1
33.14389	389.589566	397.073214	71.3	0.000438	0.00011	0.00015	24	2.1
33.23565	394.550011	398.296398	71.3	0.000467	0.00012	0.00015	24	2.1
34.79556	399.510455	398.9	71.2	0.000501	0.00012	0.0001	24	2.1
36.23989	404.4709	398.9	71.2	0.000529	0.00013	0.00015	24	2.1
36.63791	409.431345	402.696257	71.2	0.000554	0.00013	0.00007	24	2.1
37.83757	415.885757	398.9	71.2	0.00058	0.00013	0.00011	24	2.1
38.20105	422.392751	398.9	71.2	0.000607	0.00014	0.00006	24	2
40.06504	428.899746	398.9	71.2	0.00063	0.00014	0.00008	24	2
42.31076	435.40674	398.9	71.2	0.000685	0.00015	0.0001	24	2
43.05	440.726214	416.86131	71.2	0.000707	0.00015	0.00008	24	2
41.68678	442.444821	398.2	71.2	0.000663	0.00015	0.0001	24	2
39.70354	444.163428	398.2	71.3	0.000623	0.00014	0.00006	24	2.1
39.03848	445.882035	397.4	71.3	0.000612	0.00014	0.0001	24	2.1
39.57886	447.600642	411.436248	71.3	0.000629	0.00014	0.00006	24	2.1
40.0186	448.099407	399.114725	71.3	0.000631	0.00014	0.00008	24	2.1
39.06907	448.438103	395.710714	71.3	0.000631	0.00014	0.0001	24	2.1
38.99311	448.776799	395.396443	71.3	0.000626	0.00014	0.00007	24	2.1
38.94027	449.115495	395	71.3	0.000625	0.00014	0.00013	24	2.1
38.84244	449.79698	421.25749	71.3	0.000615	0.00014	0.00007	24	2.1
39.02683	452.278101	393.678191	71.3	0.000623	0.00014	0.00014	24	2.1
40.9454	454.759223	392.7	71.3	0.000662	0.00015	0.00011	24	2.1
41.82657	457.240345	391.956177	71.3	0.000683	0.00015	0.00012	24	2.1
42.01815	459.721467	391.369081	71.2	0.000699	0.00016	0.00011	24	2.1
43.578	461.399892	406.348894	71.2	0.000697	0.00016	0.00001	24	2.2
44.44129	462.352067	388.964433	71.2	0.000704	0.00017	0	24	2.2

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131.915434	1	1.01213
131.936864	1	1.01227
129.182627	1	1.01241
126.42839	1	1.01254
123.674153	1	1.01267
120.919915	1	1.01281
118.989816	1	1.01295
117.473023	1	1.01309
115.95623	1	1.01323
114.439437	1	1.01338
113.05382	1	1.01353
114.109118	1	1.01368
115.164415	1	1.01382
116.219713	1	1.01395
117.275011	1	1.01408
116.776782	1	1.01421
112.868736	1	1.01434
108.96069	1	1.01447
105.052644	1	1.01459
101.144598	1	1.0147
95.591056	1	1.01481
89.974293	1	1.01492
84.357529	1	1.01502
78.740765	1	1.01512
75.421895	1	1.01522
76.685053	1	1.01532
77.948211	1	1.01542
79.211368	1	1.01552
80.474526	1	1.01563
80.102919	1	1.01574
78.56682	1	1.01585
77.030722	1	1.01596
75.494624	1	1.01607
74.141036	1	1.01618
79.364605	1	1.0163
84.588174	1	1.01642
89.811743	1	1.01655
95.035311	1	1.01668
99.520856	1	1.01681
101.682083	1	1.01695
103.843311	1	1.01709
106.004539	1	1.01724
108.165766	1	1.01739
110.789686	1	1.01754
113.704484	1	1.01768
116.619283	1	1.01782
119.534081	1	1.01796
121.733737	1	1.0181
120.004755	1	1.01824
118.275773	1	1.01838
116.546791	1	1.01852
114.817809	1	1.01866
118.654675	1	1.0188
127.487075	1	1.01895
136.319474	1	1.0191
145.151874	1	1.01926
153.984274	1	1.01942
155.561905	1	1.01959

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13:14:27.517		70.7	1847
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13:14:29.517		67.2	1848
13:14:30.517		65.9	1848
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13:14:32.517	192.2	67	1843
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13:14:34.517	192.2	68.3	1842
13:14:35.517	192.2	65.9	1846
13:14:36.517	192.2	64.7	1843
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13:14:39.517	192.2	68.8	1845
13:14:40.517	192.2	65.2	1846
13:14:41.517	192.2	64.3	1845
13:14:42.517	192.2	66.9	1844
13:14:43.517	192.2	69.8	1842
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13:14:46.517	192.2	67	1844
13:14:47.517	192.2	66.4	1843
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13:14:55.517		76.7	1842
13:14:56.517		75.2	1841
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13:14:58.517		78.2	1844
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13:15:01.517	192.9	74	1845
13:15:02.517	193	74	1846
13:15:03.517	193	70.7	1848
13:15:04.517	193.1	71.6	1847
13:15:05.517	193.2	70.4	1844
13:15:06.517	193.2	70.9	1844
13:15:07.517	193.3	74.1	1842
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13:15:14.517	193.7	70.4	1847
13:15:15.517	193.8	71.4	1844
13:15:16.517	193.9	71.9	1846
13:15:17.517	193.9	70.5	1843
13:15:18.517	194	71.6	1844
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13:15:20.517		75.5	1843
13:15:21.517		76	1842
13:15:22.517		76.5	1842
13:15:23.517		79	1843
13:15:24.517		79.5	1841

44.10689	463.304242	388.7	71.2	0.000695	0.00016	0	24	2.2
43.06092	464.256416	387.855981	71.3	0.000691	0.00016	0	24	2.2
41.60869	465.208591	408.112022	71.3	0.000651	0.00016	0.00003	24	2.2
37.7781	461.411828	388.717446	71.3	0.000597	0.00015	0.00011	24	2.2
37.34674	457.110753	386.4	71.5	0.000552	0.00014	0.0001	24	2.2
36.12765	452.809677	385.926215	71.6	0.000543	0.00013	0.00009	24	2.2
35.44946	448.508602	384.455556	71.6	0.000524	0.00013	0.00014	24	2.2
34.51721	444.207715	410.79	71.6	0.000502	0.00013	0.00007	24	2.2
34.43245	439.909413	383.4	71.6	0.000483	0.00013	0.00015	24	2.2
33.64019	435.611111	383.4	71.6	0.000473	0.00013	0.00011	24	2.3
33.76548	431.312809	383.4	71.5	0.000478	0.00013	0.00016	24	2.3
34.62809	427.014507	382.697414	71.5	0.000498	0.00014	0.00013	24	2.3
35.04814	423.736139	395.55262	71.5	0.000507	0.00013	0.00013	24	2.2
34.28807	421.895511	382.6	71.5	0.000495	0.00013	0.00014	24	2.2
33.02525	420.054882	381.868161	71.3	0.000478	0.00013	0.00011	24	2.2
33.78589	418.214254	382.236108	71.3	0.000473	0.00013	0.00018	24	2.2
34.94411	416.373625	394.305081	71.3	0.000493	0.00013	0.00013	24	2.2
35.27957	415.207874	381.022553	71.5	0.000501	0.00014	0.00016	24	2.3
34.1069	414.070243	381.8	71.2	0.000489	0.00014	0.00012	24	2.3
31.80753	412.932612	381.8	71.3	0.000464	0.00013	0.00011	24	2.3
33.42455	411.794981	381.864286	71.5	0.000464	0.00013	0.00015	24	2.3
35.74129	411.2	390.440312	71.5	0.000493	0.00014	0.00013	24	2.3
35.6461	411.2	381.8	71.3	0.000509	0.00014	0.00017	24	2.3
34.42698	411.2	381.8	71.3	0.000505	0.00014	0.00013	24	2.3
34.27811	411.2	382.445969	71.3	0.000497	0.00014	0.00015	24	2.4
34.40176	411.2	388.596033	71.3	0.000492	0.00014	0.00016	24	2.4
34.72652	413.631998	384.305891	71.3	0.000493	0.00014	0.00015	24	2.4
36.17785	416.844678	382.6	71.5	0.000529	0.00015	0.00022	24	2.4
37.57558	420.057357	382.6	71.3	0.00057	0.00015	0.00014	24	2.4
38.21019	423.270036	382.6	71.2	0.000605	0.00016	0.00021	24	2.4
39.43829	426.601013	401.98151	71.2	0.000631	0.00016	0.00015	24	2.4
41.79325	431.157975	382.6	71.2	0.000667	0.00017	0.00017	24	2.5
44.19473	435.714937	382.6	71.2	0.000725	0.00019	0.0001	24	2.5
44.02849	440.271899	383.160614	71.2	0.000734	0.00021	0.0001	24	2.6
42.63292	444.828861	383.4	71.2	0.000685	0.0002	0.0001	24	2.7
41.54289	447.737954	405.562172	71.2	0.000653	0.0002	0.00004	24	2.8
42.06114	447.559661	383.4	71.2	0.000657	0.0002	0.00009	24	2.9
40.27049	447.381368	382.738537	71.2	0.000636	0.00021	0.00003	24	3
38.41582	447.203076	382.398391	71.3	0.000599	0.0002	0.0001	24	3.1
37.47232	447.024783	401.167204	71.5	0.00058	0.00021	0.00006	24	3.3
38.17734	445.483705	381.8	71.5	0.000576	0.00021	0.00005	24	3.3
36.91838	443.722618	381.671429	71.5	0.000567	0.0002	0.00011	24	3.3
36.70181	441.961532	380.519506	71.5	0.000566	0.0002	0.00006	24	3.3
36.30111	440.200446	380.68176	71.5	0.000561	0.0002	0.00015	24	3.3
37.45497	439.103341	408.587225	71.5	0.000565	0.00021	0.0001	24	3.3
37.60553	441.828615	379.4	71.5	0.000576	0.00021	0.00013	24	3.3
39.62286	444.55389	379.4	71.7	0.000615	0.00022	0.00011	24	3.3
40.26013	447.279165	378.6	71.7	0.000658	0.00023	0.00008	24	3.3
43.16839	450.00444	382.500945	71.2	0.000699	0.00024	0.00012	24	3.2
42.70867	449.820034	394.343984	71.2	0.000703	0.00024	0.00007	24	3.3
39.03559	447.679623	378.044538	71.2	0.000626	0.00024	0.00013	24	3.4
36.68016	445.539212	377.830893	71.3	0.000546	0.00021	0.00006	24	3.5
35.17868	443.398801	377.1	71.5	0.000528	0.00021	0.0001	24	3.5
36.0038	441.25839	397.251899	71.5	0.000549	0.00022	0.00009	24	3.5
37.01168	440.781171	376.4	71.5	0.000564	0.00022	0.00012	24	3.5
36.97158	440.436862	376.4	71.5	0.00056	0.00022	0.00012	24	3.5
36.95943	440.092554	376.4	71.5	0.000566	0.00022	0.00009	24	3.5
38.16476	439.748246	376.4	71.5	0.000589	0.00023	0.00013	24	3.5
39.05431	440.256508	402.654095	71.3	0.000622	0.00024	0.00007	24	3.6
39.14094	442.968004	375.6	71.3	0.000629	0.00024	0.00012	24	3.5
39.41182	445.679501	376.139221	71.3	0.000635	0.00024	0.00007	24	3.5
40.77571	448.390998	376.4	71.3	0.000645	0.00024	0.00009	24	3.5
40.64205	451.102495	388.705769	71.3	0.000669	0.00025	0.00008	24	3.5

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157.466667	1	1.02007
155.872429	1	1.02022
142.575109	1	1.02036
129.277789	1	1.02049
115.98047	1	1.02062
102.68315	1	1.02075
93.011179	1	1.02088
90.161552	1	1.02101
87.311925	1	1.02114
84.462297	1	1.02128
81.61267	1	1.02141
80.823912	1	1.02154
80.599596	1	1.02167
80.37528	1	1.0218
80.150965	1	1.02193
80.429416	1	1.02207
81.742613	1	1.02221
83.055811	1	1.02234
84.369009	1	1.02247
85.682206	1	1.02261
85.83632	1	1.02275
85.620384	1	1.02289
85.404448	1	1.02303
85.188512	1	1.02317
85.159916	1	1.02331
86.419098	1	1.02346
87.678279	1	1.02361
88.937461	1	1.02377
90.196642	1	1.02393
95.132602	1	1.0241
106.548628	1	1.02429
117.964654	1	1.0245
129.380681	1	1.0247
140.796707	1	1.0249
139.475213	1	1.0251
135.107447	1	1.02531
130.739681	1	1.02551
126.371915	1	1.02572
121.744068	1	1.02593
116.235593	1	1.02613
110.727119	1	1.02633
105.218644	1	1.02653
99.710169	1	1.02674
97.985133	1	1.02695
99.92437	1	1.02717
101.863607	1	1.0274
103.802844	1	1.02764
105.742081	1	1.02788
104.674312	1	1.02812
103.14526	1	1.02833
101.616208	1	1.02854
100.087156	1	1.02876
98.816702	1	1.02898
98.182452	1	1.0292
97.548203	1	1.02942
96.913953	1	1.02965
96.279704	1	1.02989
97.356497	1	1.03013
99.783146	1	1.03037
102.209795	1	1.03061
104.636444	1	1.03086

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13:15:44.517	194	79.1	1842
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13:16:03.517	192.9	81.6	1841
13:16:04.517	192.8	78.7	1843
13:16:05.517	192.7	76.1	1845
13:16:06.517	192.7	76.1	1844
13:16:07.517	192.6	79.4	1844
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13:16:12.517	192.3	82.3	1837
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42.14058	452	386.029868	71.3	0.000679	0.00026	0.00006	24	3.6
40.96323	452	375.687163	71.3	0.000656	0.00025	0.00013	24	3.6
39.09895	452	376.4	71.3	0.000618	0.00025	0.00003	24	3.7
38.5081	452	376.4	71.3	0.000602	0.00025	0.00004	24	3.8
38.688	452.048493	408.852427	71.3	0.000593	0.00025	0.00002	24	3.8
38.32211	452.870411	376.507905	71.3	0.0006	0.00025	0.00006	24	3.9
39.64765	453.692329	377.1	71.2	0.000642	0.00026	0.00013	24	3.9
42.4708	454.514247	376.4041	71.1	0.000678	0.00028	0.00012	24	4
40.54019	455.336164	389.940251	71.1	0.000659	0.00028	0.00016	24	4
39.15972	455.845596	389.435395	71.2	0.000616	0.00027	0.00008	24	4
38.26742	456.207298	377.1	71.3	0.000607	0.00027	0.00011	24	4.1
39.12789	456.569	377.1	71.3	0.000631	0.00028	0.00008	24	4.2
40.15561	456.930702	377.444784	71.3	0.000641	0.00028	0.00009	24	4.2
39.83	457.292404	406.38986	71.2	0.000644	0.00029	0.00012	24	4.2
40.19225	457.3	377.9	71.3	0.000649	0.00029	0.00002	24	4.2
39.66613	457.3	377.9	71.3	0.000635	0.00028	0.00011	24	4.2
39.10486	457.3	378.28899	71.3	0.000624	0.00028	0.00007	24	4.2
39.18661	457.3	378.6	71.3	0.000623	0.00028	0.00011	24	4.2
40.59352	457.535159	413.944311	71.3	0.000658	0.00029	0.00006	24	4.2
41.2302	458.56656	378.6	71.2	0.000674	0.0003	0.0001	24	4.3
41.53724	459.59796	378.6	71.3	0.000677	0.00031	0.0001	24	4.3
41.71043	460.629361	378.812766	71.2	0.000676	0.00032	0.00008	24	4.5
41.93724	461.660761	404.410298	71.3	0.000675	0.00032	0.00014	24	4.5
41.74444	462.755801	382.806718	71.3	0.000674	0.00033	0.00005	24	4.6
41.93143	463.860773	379.4	71.3	0.000674	0.00033	0.00012	24	4.6
42.13583	464.965746	380.2	71.3	0.000676	0.00034	0.00005	24	4.8
42.46857	466.070718	380.2	71.3	0.000688	0.00036	0.0001	24	5
43.86808	467.063154	422.946027	71.3	0.000687	0.00037	0.0001	24	5.1
42.03134	467.46035	380.475395	71.3	0.000687	0.00038	0.00009	24	5.2
42.54167	467.857547	380.9	71.3	0.000689	0.00039	0.00013	24	5.3
42.52	468.254743	380.9	71.3	0.000689	0.00039	0.00004	24	5.3
42.27587	468.651939	405.219206	71.3	0.000679	0.00039	0.00015	24	5.4
40.91	467.555965	383.268289	71.3	0.000659	0.00038	0.0001	24	5.4
40.3	466.254447	381.8	71.5	0.000628	0.00037	0.00013	24	5.4
39.40432	464.952928	382.207636	71.5	0.000613	0.00035	0.00013	24	5.3
38.60297	463.65141	382.6	71.5	0.000605	0.00034	0.00011	24	5.2
38.94168	462.898438	415.716226	71.5	0.000621	0.00032	0.00015	24	4.8
39.73631	463.636125	382.168636	71.5	0.000635	0.00029	0.00008	24	4.3
43.01847	464.373812	382.6	71.5	0.000697	0.0003	0.00016	24	4.2
43.76899	465.111499	383.4	71.2	0.000727	0.0003	0.00012	24	4
42.12955	465.849186	393.378884	71.2	0.000697	0.00029	0.00012	24	3.9
39.66602	466.223313	398.748649	71.3	0.000629	0.00026	0.00011	24	3.8
39.94916	466.410152	383.558647	71.3	0.000614	0.00023	0.00009	24	3.5
39.24	466.59699	384.1	71.3	0.000617	0.00022	0.0001	24	3.4
39.57203	466.783828	384.308696	71.3	0.000628	0.00023	0.00005	24	3.4
41.79325	466.970666	405.425	71.3	0.000685	0.00024	0.0001	24	3.4
47.72794	470.590951	385.020381	71.5	0.000802	0.00025	0.00009	24	3.2
50.8769	474.850679	385.434704	71.3	0.00085	0.00026	0.00011	24	3.1
51.13506	479.110408	385.391049	71.1	0.000865	0.00027	0.00013	24	3.1
50.41063	483.370136	385.7	71.1	0.000854	0.00027	0.00006	24	3.1
50.27482	485.606815	414.642239	71.1	0.000838	0.00027	0.00017	24	3.1
47.2225	485.820444	386.923843	71.2	0.000771	0.00026	0.00008	24	3.1
45.37368	486.034074	387.219974	71.2	0.000713	0.00023	0.00016	24	3
45.09475	486.247703	387.75689	71.3	0.000725	0.00023	0.0001	24	3
46.85567	486.461333	414.45759	71.3	0.000771	0.00024	0.00011	24	3
47.94568	485.990366	395.649872	71.3	0.000784	0.00024	0.00013	24	3
47.13796	485.368103	388.663731	71.3	0.000774	0.00024	0.00008	24	3
45.90989	484.74584	387.62386	71.3	0.000741	0.00024	0.00017	24	3
45.87775	484.123577	388.616779	71.5	0.00072	0.00023	0.00008	24	3
44.09447	484.613385	414.996848	71.5	0.000699	0.00022	0.00015	24	3
44.60248	486.307937	389	71.5	0.000716	0.00023	0.00011	24	3
45.68759	488.002488	388.723622	71.3	0.00074	0.00023	0.00013	24	3
46.9624	489.69704	389.6	71.3	0.000763	0.00023	0.0001	24	3

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108.961759	1	1.03137
110.873805	1	1.03162
112.785851	1	1.03187
114.697897	1	1.03212
115.634258	1	1.03237
114.487732	1	1.03263
113.341206	1	1.03291
112.19468	1	1.03319
111.048154	1	1.03346
111.407833	1	1.03373
111.833546	1	1.03401
112.259259	1	1.03429
112.684972	1	1.03458
112.944206	1	1.03487
112.729614	1	1.03515
112.515021	1	1.03543
112.300429	1	1.03571
112.085837	1	1.036
112.943184	1	1.0363
114.515158	1	1.03661
116.087132	1	1.03693
117.659106	1	1.03725
119.347742	1	1.03758
121.713333	1	1.03791
124.078925	1	1.03825
126.444516	1	1.03861
128.810108	1	1.03898
130.687255	1	1.03936
132.070062	1	1.03975
133.452869	1	1.04014
134.835676	1	1.04053
135.406802	1	1.04091
131.652385	1	1.04128
127.897968	1	1.04163
124.143551	1	1.04197
120.389134	1	1.04229
120.337296	1	1.04258
122.459987	1	1.04288
124.582679	1	1.04318
126.70537	1	1.04347
128.828062	1	1.04373
126.079449	1	1.04396
122.901483	1	1.04418
119.723517	1	1.04441
116.545551	1	1.04465
116.516144	1	1.0449
129.160081	1	1.04516
141.804019	1	1.04543
154.447957	1	1.0457
167.091894	1	1.04597
172.303419	1	1.04623
175.294872	1	1.04646
178.286325	1	1.04669
181.277778	1	1.04693
183.957746	1	1.04717
183.488263	1	1.04741
183.018779	1	1.04765
182.549296	1	1.04788
182.079812	1	1.0481
176.933698	1	1.04833
170.82972	1	1.04856
164.725742	1	1.04879

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13:16:30.517	192.2	77.6	1845
13:16:31.517	192.2	74.3	1846
13:16:32.517	192.2	75.6	1847
13:16:33.517	192.2	77.9	1845
13:16:34.517	192.2	79.6	1844
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13:16:36.517	192.2	78.1	1844
13:16:37.517	192.2	80	1843
13:16:38.517	192.2	80	1843
13:16:39.517	192.2	78.3	1843
13:16:40.517	192.2	79.5	1845
13:16:41.517		79.1	1844
13:16:42.517		79.2	1843
13:16:43.517		78.4	1844
13:16:44.517		77	1848
13:16:45.517		72.7	1847
13:16:46.517		74.7	1848
13:16:47.517		79.7	1844
13:16:48.517	192.2	83.9	1841
13:16:49.517	192.2	85.1	1838
13:16:50.517	192.2	82.4	1840
13:16:51.517	192.2	78.9	1840
13:16:52.517	192.2	74.8	1844
13:16:53.517	192.2	75.7	1845
13:16:54.517	192.2	76.9	1844
13:16:55.517	192.2	79.6	1844
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13:16:59.517	192.2	76.8	1844
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13:17:03.517	192.2	83.4	1840
13:17:04.517	192.2	81.7	1841
13:17:05.517	192.2	81.9	1845
13:17:06.517	192.2	77.3	1850
13:17:07.517	192.2	75.3	1849
13:17:08.517		77	1848
13:17:09.517		77.6	1848
13:17:10.517		78.5	1849
13:17:11.517		80.4	1845
13:17:12.517		85.6	1844
13:17:13.517		86	1844
13:17:14.517		82.7	1843
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13:17:16.517	192.2	73.7	1846
13:17:17.517	192.2	76	1845
13:17:18.517	192.2	79.8	1844
13:17:19.517	192.2	83.1	1846
13:17:20.517	192.2	80.5	1842
13:17:21.517	192.2	81	1844
13:17:22.517	192.2	77.2	1845
13:17:23.517	192.2	77.1	1846
13:17:24.517	192.2	76.7	1845
13:17:25.517	192.2	77.4	1846
13:17:26.517	192.2	79.7	1845
13:17:27.517	192.2	80.1	1843
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13:17:29.517	192.2	79.9	1846
13:17:30.517	192.2	77.3	1845

50.09971	491.391592	417.470173	71.3	0.00083	0.00025	0.00011	24	3
51.50872	490.79824	397.463928	71.3	0.000868	0.00026	0.00014	24	3
51.58116	489.695845	390.33257	71.2	0.000857	0.00026	0.00005	24	2.9
48.44333	488.593449	389.790779	71.3	0.000784	0.00025	0.00015	24	2.9
45.26326	487.491054	390.786744	71.3	0.000714	0.00023	0.00008	24	2.9
42.91909	486.556583	434.064364	71.5	0.000681	0.00022	0.00002	24	2.9
44.27597	487.116807	390.543182	71.5	0.000708	0.00022	0.00001	24	2.9
45.60359	487.677031	391.1	71.5	0.000743	0.00023	0.00001	24	2.9
45.95824	488.237255	391.1	71.3	0.000749	0.00023	0.00004	24	2.9
46.78817	488.797479	392.540833	71.3	0.000756	0.00023	0.00004	24	2.9
48.13999	489.264979	418.666269	71.3	0.000775	0.00024	0.00014	24	2.9
48.01915	489.623629	391.9	71.3	0.000788	0.00024	0.00007	24	2.9
47.49823	489.982278	392.636788	71.3	0.000782	0.00024	0.00015	24	2.9
47.91229	490.340928	392.830733	71.3	0.000772	0.00024	0.00014	24	2.9
47.21278	490.699578	413.460106	71.3	0.000763	0.00023	0.00014	24	2.9
47.25032	488.610138	401.873711	71.3	0.000757	0.00023	0.00018	24	2.9
46.01066	485.568664	393.4	71.3	0.000731	0.00023	0.0001	24	2.9
42.26217	482.527189	393.956874	71.3	0.000662	0.00021	0.00019	24	2.9
38.68619	479.485714	393.449406	71.5	0.000598	0.00019	0.0001	24	2.9
37.3379	478.895455	424.123363	71.6	0.000589	0.00019	0.00015	24	2.9
42.02732	482.304545	394.2	71.6	0.000686	0.00021	0.00016	24	2.9
47.43259	485.713636	394.2	71.3	0.00077	0.00022	0.00016	24	2.9
50.51849	489.122727	395	71.2	0.00084	0.00025	0.00014	24	2.9
52.19666	492.531818	429.757393	71.2	0.000876	0.00026	0.00008	24	2.9
49.65013	490.817777	395.051446	71.2	0.000812	0.00026	0.00014	24	2.9
46.76544	488.999182	395.7	71.2	0.000736	0.00024	0.00005	24	2.9
44.11005	487.180586	396.231451	71.3	0.000677	0.00022	0.00009	24	2.9
43.22487	485.361991	399.999043	71.5	0.000682	0.00021	0.00007	24	2.9
46.31628	484.963125	416.404737	71.5	0.000743	0.00023	0.00005	24	2.9
46.62478	485.588125	396.6	71.3	0.000784	0.00023	0.00012	24	2.9
48.03835	486.213125	396.802184	71.3	0.000796	0.00023	0.00007	24	2.8
46.68802	486.838125	397.842463	71.3	0.000757	0.00023	0.00013	24	2.8
45.20013	487.955271	438.486115	71.3	0.000721	0.00022	0.00007	24	2.8
49.34118	493.453009	398.2	71.3	0.000807	0.00023	0.00012	24	2.8
59.56234	498.950747	398.2	71.2	0.000983	0.00027	0.00012	24	2.8
61.64135	504.448484	398.2	71.1	0.00101	0.00028	0.00013	24	2.8
58.11472	509.946222	413.088125	71.1	0.001005	0.00029	0.00017	24	2.8
56.29445	509.961646	417.234823	71.1	0.000923	0.00026	0.00006	24	2.8
52.55857	507.408998	399.7	71.2	0.000887	0.00026	0.00017	24	2.8
49.60283	504.85635	399.852031	71.3	0.000812	0.00024	0.00007	24	2.8
47.76873	502.303701	400.5	71.5	0.000759	0.00023	0.00012	24	2.8
46.20552	499.751053	437.786471	71.5	0.000737	0.00022	0.00007	24	2.8
45.92233	501.590871	399.759759	71.5	0.000723	0.00022	0.00008	24	2.8
45.77284	503.520332	400.5	71.5	0.000731	0.00022	0.0001	24	2.8
48.28103	505.449793	400.5	71.5	0.0008	0.00023	0.00006	24	2.8
52.90734	507.379253	401.067258	71.3	0.000892	0.00025	0.00016	24	2.8
55.09387	508.627227	454.091027	71.3	0.000922	0.00026	0.0001	24	2.8
54.84623	506.297396	400.81601	71.2	0.000919	0.00027	0.00022	24	2.8
51.70761	503.967565	401.3	71.2	0.00085	0.00026	0.00014	24	2.8
47.37228	501.637734	401.3	71.3	0.000753	0.00023	0.00009	24	2.8
46.61675	499.307903	424.352851	71.5	0.000726	0.00021	0.00012	24	2.8
47.18792	499.114196	410.268463	71.5	0.000773	0.00022	0.00007	24	2.8
48.43099	499.515982	401.3	71.5	0.000811	0.00023	0.00013	24	2.8
49.34332	499.917768	401.496364	71.3	0.00081	0.00022	0.00006	24	2.7
48.71639	500.319554	402.1	71.3	0.000809	0.00023	0.00015	24	2.8
47.5255	500.176258	442.148026	71.3	0.000772	0.00023	0.0001	24	2.8
46.04265	498.77314	402.1	71.3	0.000729	0.00022	0.00007	24	2.8
44.37523	497.370022	402.1	71.5	0.000698	0.00021	0.00013	24	2.8
44.62901	495.966904	402.1	71.5	0.000713	0.00021	0.00007	24	2.8
46.09544	494.563786	422.735238	71.5	0.000746	0.00021	0.00014	24	2.8
46.74831	493.525809	404.182712	71.3	0.000767	0.00022	0.00005	24	2.8
47.8814	492.572373	402.9	71.3	0.000777	0.00022	0.00009	24	2.8
47.46	491.618936	402.562593	71.3	0.000767	0.00022	0.00006	24	2.8

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153.891041	1	1.0493
165.170036	1	1.04956
176.449032	1	1.04981
187.728027	1	1.05004
199.007023	1	1.05026
203.076281	1	1.05048
195.382282	1	1.05071
187.688283	1	1.05094
179.994284	1	1.05117
172.300286	1	1.05141
174.331013	1	1.05165
178.339451	1	1.05189
182.34789	1	1.05213
186.356329	1	1.05236
189.055079	1	1.05259
178.671332	1	1.05282
168.287585	1	1.05303
157.903837	1	1.05322
147.52009	1	1.05341
142.798182	1	1.05362
140.98	1	1.05384
139.161818	1	1.05409
137.343636	1	1.05435
138.550102	1	1.05461
148.320609	1	1.05485
158.091116	1	1.05507
167.861622	1	1.05528
177.632129	1	1.05551
179	1	1.05574
179	1	1.05597
179	1	1.0562
179	1	1.05642
181.241684	1	1.05665
187.125368	1	1.05692
193.009052	1	1.0572
198.892736	1	1.05749
204.77642	1	1.05775
205.818375	1	1.05801
206.669077	1	1.05825
207.519779	1	1.05848
208.370481	1	1.0587
206.159067	1	1.05892
195.232402	1	1.05914
184.305736	1	1.05937
173.379071	1	1.05962
162.452406	1	1.05988
164.108784	1	1.06015
178.297973	1	1.06041
192.487162	1	1.06064
206.676351	1	1.06085
219.455236	1	1.06107
210.524671	1	1.0613
201.594106	1	1.06152
192.663541	1	1.06175
183.732976	1	1.06198
179.735455	1	1.0622
179.280909	1	1.06241
178.826364	1	1.06262
178.371818	1	1.06283
177.960632	1	1.06305
177.744322	1	1.06327
177.528012	1	1.06349

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13:17:33.517	192.2	80.7	1843
13:17:34.517	192.2	80.3	1842
13:17:35.517		83.9	1842
13:17:36.517		82.5	1841
13:17:37.517		78.9	1843
13:17:38.517		74.5	1844
13:17:39.517		75.2	1847
13:17:40.517		76.2	1849
13:17:41.517		74.8	1848
13:17:42.517	191.2	70.2	1852
13:17:43.517	191.1	68.6	1851
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13:17:45.517	190.8	59.3	1849
13:17:46.517	190.7	54.2	1850
13:17:47.517	190.6	42.2	1852
13:17:48.517	190.4	31.1	1854
13:17:49.517	190.3	37.1	1842
13:17:50.517	190.2	40.6	1850
13:17:51.517	190.1	46.9	1843
13:17:52.517	189.9	50.7	1838
13:17:53.517	189.8	60.5	1835
13:17:54.517	189.7	69.8	1833
13:17:55.517	189.5	75.2	1832
13:17:56.517	189.4	84.8	1825
13:17:57.517	189.3	86.7	1821
13:17:58.517	189.1	83.2	1819
13:17:59.517	189	81.6	1819
13:18:00.517	188.9	79.7	1820
13:18:01.517	188.7	71.2	1818
13:18:02.517		63.5	1811
13:18:03.517		56.6	1799
13:18:04.517		33.7	1790
13:18:05.517		23.7	1764
13:18:06.517		17.9	1742
13:18:07.517		38.5	1727
13:18:08.517		69.1	1719
13:18:09.517		83.8	1730
13:18:10.517	191.2	79.3	1750
13:18:11.517	191.6	75.7	1775
13:18:12.517	191.9	77.3	1787
13:18:13.517	192.2	85.5	1797
13:18:14.517	192.6	79	1807
13:18:15.517	192.9	78.4	1814
13:18:16.517	193.2	80.1	1817
13:18:17.517	193.5	81.4	1825
13:18:18.517	193.9	76.9	1825
13:18:19.517	194.2	79.1	1826
13:18:20.517	194.5	80.7	1830
13:18:21.517	194.9	81.5	1833
13:18:22.517	195.2	79.2	1836
13:18:23.517	195.5	76.2	1841
13:18:24.517	195.8	74.6	1838
13:18:25.517	196.2	78.7	1843
13:18:26.517	196.5	79.7	1843
13:18:27.517	196.8	80.7	1840
13:18:28.517	197.2	77.9	1843
13:18:29.517	197.5	75.5	1843
13:18:30.517		82.7	1842
13:18:31.517		81.3	1843
13:18:32.517		75.7	1844
13:18:33.517		72.8	1845

44.56441	490.665499	402.627018	71.3	0.000718	0.00021	0.00005	24	2.8
43.92076	490.805507	438.820206	71.5	0.000694	0.0002	0.00008	24	2.8
45.56334	493.472747	403.450054	71.5	0.000738	0.00021	0.00003	24	2.7
47.27016	496.139987	403.404421	71.5	0.000764	0.00022	0.0001	24	2.7
48.51867	498.807227	403.8	71.3	0.000806	0.00022	0.00003	24	2.7
51.90852	501.474468	419.937037	71.3	0.000861	0.00024	0.00008	24	2.7
51.26235	500.679887	411.411228	71.2	0.000873	0.00024	0.00005	24	2.7
50.59887	498.045716	404.7	71.2	0.000813	0.00023	0.00007	24	2.7
46.73661	495.411546	404.7	71.3	0.000741	0.00022	0.00001	24	2.8
44.22531	492.777376	408.960664	71.3	0.000687	0.00021	0	24	2.8
40.98693	487.181129	424.348047	71.5	0.000623	0.00019	0	24	2.8
37.68798	479.534986	405.5	71.5	0.000557	0.00017	0	24	2.8
34.852	471.888842	405.5	71.6	0.000507	0.00016	0.00009	24	2.8
32.57789	464.242698	405.118138	71.6	0.000465	0.00015	0.00007	24	2.8
30.49739	455.759048	428.16127	71.7	0.000429	0.00014	0.0001	24	2.8
29.23254	439.009565	404.7	71.6	0.000401	0.00014	0.00012	24	2.7
28.72401	422.260083	404.7	71.7	0.000373	0.00014	0.00012	24	2.7
29.17349	405.5106	404.7	71.7	0.000308	0.00014	0.00016	24	2.8
25.87092	388.761118	404.7	71.7	0.000224	0.00013	0.00009	24	2.8
23.51306	376.873427	392.278261	71.7	0.000177	0.00011	0.00009	24	2.8
23.54918	378.6804	403.8	71.5	0.000176	0.00011	0.00006	24	2.8
27.99814	380.487372	403.8	71.5	0.000242	0.00013	0.00008	24	2.9
32.4905	382.294345	404.657256	71.3	0.000349	0.00016	0.00013	24	2.8
35.6869	384.101318	402.120868	71.1	0.000442	0.00016	0.00007	24	2.7
36.81055	395.513536	400.660212	71.1	0.000515	0.00017	0.00013	24	2.7
44.1603	414.534211	404.7	71.1	0.000657	0.00019	0.00004	24	2.7
52.12542	433.554886	405.5	71	0.000868	0.00024	0.00013	24	2.7
61.25014	452.57556	405.845173	70.7	0.001019	0.00028	0.00009	24	2.7
62.83682	471.596235	430.237587	70.7	0.001053	0.00029	0.0001	24	2.7
61.1823	468.172552	406.3	70.9	0.000989	0.00028	0.00012	24	2.7
48.38414	463.88652	406.3	70.2	0.000802	0.00024	0.00004	24	2.8
37.84455	459.600489	406.3	70.3	0.000492	0.00017	0.00009	24	2.9
25.58959	455.314457	407.075104	70.4	0.000394	0.00014	0.00003	24	2.9
26.28021	445.700302	418.92854	70.1	0.000345	0.00014	0.00008	24	2.9
23.54445	429.831393	404.958849	69.6	0.000243	0.00012	0.00007	24	2.9
20.4347	413.962484	403.8	69.1	0.000154	0.0001	0.0001	24	2.9
25.79177	398.093575	403.525495	68.3	0.000166	0.00013	0.00011	24	2.9
41.108	382.224666	396.509649	67.5	0.000441	0.00019	0.00014	24	2.8
76.65617	401.580055	402.605817	66.7	0.00104	0.00032	0.00031	24	2.7
86.98089	428.56309	402.9	66.5	0.001338	0.00039	0.00017	24	2.7
72.25447	455.546126	402.238053	66.8	0.001077	0.00034	0.0002	24	2.9
55.79463	482.529161	401.845404	67.5	0.000863	0.00027	0.00006	24	3
51.51215	497.1	426.665554	68.5	0.000849	0.00026	0.0001	24	3
50.81375	497.1	399.405532	69.1	0.000875	0.00027	0.00011	24	3
49.56356	497.1	398.261738	69.5	0.000837	0.00026	0.00011	24	3
50.34842	497.1	398.06242	69.9	0.000801	0.00025	0.00013	24	3
49.781	497.1	412.530737	69.9	0.000822	0.00025	0.00009	24	3
50.96386	497.1	409.275	70.2	0.000844	0.00026	0.00014	24	3
48.88919	497.1	395	70.5	0.000786	0.00025	0.00007	24	3
48.81634	497.1	394.587618	70.7	0.000795	0.00025	0.00006	24	3
49.39221	497.1	394.2	70.8	0.000811	0.00024	0.00007	24	2.9
50.20137	496.48289	440.316095	70.9	0.000823	0.00025	0.00003	24	2.9
48.25775	493.665036	392.7	70.9	0.000772	0.00024	0.0001	24	2.9
44.01045	490.847182	392.128125	71	0.000687	0.00022	0.00002	24	2.9
43.01432	488.029328	391.9	71.2	0.000668	0.00021	0.00009	24	2.9
43.02708	485.211474	413.729432	71.2	0.000678	0.00021	0.00004	24	2.9
43.34182	484.317748	399.432203	71.2	0.000689	0.00021	0.00009	24	2.9
43.81133	483.957273	390.4	71.3	0.000696	0.00021	0.00008	24	2.8
42.01967	483.596798	390.4	71.3	0.000684	0.00021	0.00004	24	2.8
43.34818	483.236323	390.789916	71.3	0.000671	0.0002	0.00007	24	2.8
46.06853	482.85059	430.126918	71.3	0.000737	0.00022	0.00003	24	2.8
44.83753	482.113127	389.705579	71.3	0.000736	0.00022	0.00011	24	2.8
40.65614	481.375664	390.4	71.3	0.000673	0.00021	0.00005	24	2.9

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320.855632	1	1.07198
297.568762	1	1.07225
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178.730451	1	1.07535
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168.558805	1	1.07577
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45.37529	479.651286	424.398525	71.5	0.00073	0.00022	0.0001	24	2.9
46.40802	480.434109	390.4	71.3	0.000766	0.00023	0.00011	24	2.9
47.12662	481.216931	391.056582	71.2	0.000764	0.00023	0.00007	24	2.9
45.93547	481.999754	391.1	71.2	0.000731	0.00022	0.00015	24	2.8
43.88546	482.782577	417.467881	71.2	0.000701	0.00021	0.00007	24	2.8
42.0619	481.720765	393.071674	71.3	0.00066	0.0002	0.00009	24	2.7
38.87212	480.33343	392.7	71.3	0.000622	0.00018	0.00007	24	2.7
39.485	478.946095	392.7	71.5	0.000625	0.00018	0.00005	24	2.7
40.45819	477.55876	393.348353	71.5	0.00065	0.00018	0.0001	24	2.6
40.18901	476.422014	422.915167	71.5	0.000646	0.00018	0.00002	24	2.6
40.75426	475.692391	393.4	71.5	0.000659	0.00018	0.00004	24	2.6
41.22483	474.962768	393.914578	71.3	0.000666	0.00019	0	24	2.6
40.55551	474.233146	394.2	71.3	0.000659	0.00018	0.00003	24	2.6
40.67397	473.503523	402.594262	71.5	0.000645	0.00019	0.00007	24	2.7
39.7673	473.625833	412.389211	71.3	0.000638	0.00019	0.00008	24	2.7
40.08478	474.355	395.546462	71.3	0.000644	0.00019	0.00014	24	2.7
43.20829	475.084167	395.7	71.3	0.000703	0.0002	0.00005	24	2.7
44.06856	475.813333	395.971915	71.3	0.000732	0.00021	0.00012	24	2.7
43.79779	476.5425	415.899307	71.2	0.000709	0.00021	0.00004	24	2.7
42.31205	476.851742	404.802023	71.2	0.000671	0.0002	0.00011	24	2.7
41.73514	477.04529	397.416185	71.3	0.000661	0.00019	0.00009	24	2.7
41.85717	477.238839	398.2	71.3	0.000669	0.00019	0.00008	24	2.7
42.79994	477.432387	398.2	71.3	0.000683	0.00019	0.0001	24	2.7
45.01646	477.929274	435.860079	71.3	0.000732	0.0002	0.00006	24	2.7
46.60323	480.386538	399.11651	71.3	0.000755	0.00021	0.00012	24	2.7
47.80368	482.843803	399.338864	71.2	0.000797	0.00022	0.00005	24	2.7
50.21248	485.301068	399.558518	71.2	0.000828	0.00022	0.0001	24	2.7
48.96749	487.758333	401.720386	71.1	0.000828	0.00023	0.00006	24	2.7
47.54753	488.931925	425.476261	71.2	0.000782	0.00022	0.00006	24	2.7
44.32315	488.561716	400.5	71.2	0.000707	0.00021	0.00011	24	2.7
42.7675	488.191507	400.501144	71.3	0.000664	0.00019	0.00008	24	2.7
43.96017	487.821298	401.019722	71.3	0.000699	0.0002	0.00014	24	2.7
46.27667	487.451089	426.643631	71.3	0.000762	0.00021	0.00009	24	2.7
48.8528	486.879715	401.3	71.3	0.000792	0.00022	0.00017	24	2.7
48.64806	486.276137	401.3	71.3	0.000791	0.00023	0.00013	24	2.8
47.41164	485.672559	401.3	71.2	0.000759	0.00022	0.00013	24	2.8
45.14127	485.06898	401.3	71.3	0.000713	0.00021	0.00013	24	2.8
43.22757	484.6	439.642796	71.5	0.000673	0.0002	0.00007	24	2.8
43.72376	484.6	402.1	71.5	0.000689	0.0002	0.00015	24	2.8
45.66416	484.6	402.1	71.5	0.000743	0.00021	0.00008	24	2.7
45.68202	484.6	401.320645	71.5	0.000744	0.00022	0.00019	24	2.8
43.90506	484.6	408.037979	71.5	0.000703	0.00021	0.00012	24	2.8
43.2008	484.139059	419.350989	71.5	0.000679	0.0002	0.0001	24	2.8
41.71639	483.388342	402.1	71.5	0.000663	0.0002	0.00008	24	2.8
42.77419	482.637624	401.949275	71.5	0.000685	0.0002	0.00006	24	2.8
44.24903	481.886907	401.714016	71.5	0.000707	0.0002	0.00013	24	2.8
43.2538	481.267194	437.219087	71.3	0.000712	0.00021	0.00006	24	2.8
45.21902	482.057708	401.523776	71.3	0.000722	0.00021	0.00011	24	2.8
45.38464	482.848221	402.595349	71.3	0.000725	0.00021	0.00006	24	2.8
45.15576	483.638735	402.1	71.3	0.000737	0.00021	0.00008	24	2.8
45.9349	484.429249	418.849139	71.3	0.00075	0.00022	0.00008	24	2.8
46.67603	485.330132	410.280488	71.3	0.000754	0.00022	0.00006	24	2.8
47.3071	486.261424	402.825242	71.3	0.000746	0.00022	0.00009	24	2.8
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48.25724	488.124007	402.554286	71.3	0.000788	0.00023	0.00011	24	2.8
46.54362	489.055298	433.551644	71.3	0.000756	0.00022	0.00007	24	2.8
45.19904	489.448868	402.9	71.3	0.000715	0.00021	0.00008	24	2.8
42.93329	489.815327	402.9	71.5	0.000687	0.0002	0.00007	24	2.8
43.86333	490.181785	402.9	71.5	0.000693	0.0002	0.00007	24	2.8
44.91402	490.548243	402.9	71.5	0.000751	0.00021	0.00014	24	2.7
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13:20:05.517	191.2	75.8	1847
13:20:06.517	191.3	75.6	1848
13:20:07.517	191.3	79.4	1846
13:20:08.517	191.4	78.6	1846
13:20:09.517	191.5	76.9	1843
13:20:10.517	191.5	78.6	1846
13:20:11.517	191.6	77.4	1845
13:20:12.517	191.7	79.6	1842
13:20:13.517	191.7	80.4	1843
13:20:14.517	191.8	80	1842
13:20:15.517	191.9	79.6	1840
13:20:16.517	191.9	76.6	1842
13:20:17.517	192	76.1	1843
13:20:18.517	192.1	76.1	1848
13:20:19.517	192.1	76.9	1845
13:20:20.517	192.2	77.8	1845
13:20:21.517		78.4	1847
13:20:22.517		79.8	1842
13:20:23.517		79.9	1842
13:20:24.517		76.9	1844
13:20:25.517		73.4	1847
13:20:26.517		69.3	1847
13:20:27.517		69.1	1847
13:20:28.517	192.7	66.8	1841
13:20:29.517	192.8	67.8	1845
13:20:30.517	192.8	66.5	1851
13:20:31.517	192.9	58.7	1848
13:20:32.517	193	48.4	1845
13:20:33.517	193	48.8	1848
13:20:34.517	193.1	50.9	1846
13:20:35.517	193.2	57.4	1837
13:20:36.517	193.2	74.6	1834
13:20:37.517	193.3	81.8	1836
13:20:38.517	193.4	86.7	1834
13:20:39.517	193.4	87.5	1834

46.8242	490.312642	403.8	71.3	0.000762	0.00022	0.00013	24	2.7
46.54975	489.941463	403.8	71.3	0.000741	0.00022	0.00007	24	2.7
45.1109	489.570284	403.8	71.3	0.000726	0.00021	0.00012	24	2.7
46.26541	489.199105	417.467504	71.3	0.000742	0.00021	0.00011	24	2.7
46.53431	489.1	410.003788	71.3	0.000752	0.00022	0.00004	24	2.7
44.3715	489.1	403.8	71.3	0.000714	0.00022	0.00009	24	2.8
43.95462	489.1	403.8	71.3	0.000693	0.00021	0.00002	24	2.8
45.30519	489.1	403.8	71.3	0.000733	0.00022	0.00009	24	2.8
47.25274	488.620801	438.848684	71.5	0.000778	0.00023	0.00005	24	2.8
46.06791	487.049657	404.7	71.3	0.000758	0.00023	0.00007	24	2.8
44.00515	485.478513	404.7	71.3	0.000706	0.00022	0.00006	24	2.8
42.71669	483.907369	404.7	71.3	0.000663	0.0002	0.00002	24	2.8
41.46096	482.336225	423.245549	71.5	0.000665	0.0002	0.00006	24	2.8
41.82025	481.448649	412.009456	71.5	0.000679	0.0002	0.00003	24	2.8
41.84194	480.747184	404.7	71.5	0.000673	0.0002	0.00004	24	2.8
41.63784	480.045719	404.7	71.5	0.000662	0.0002	0	24	2.8
42.12972	479.344254	404.7	71.5	0.000657	0.0002	0	24	2.8
41.35437	478.642789	430.45	71.3	0.000661	0.0002	0	24	2.8
43.61346	478.218619	404.7	71.3	0.000711	0.00021	0.00005	24	2.8
45.29036	477.812463	404.7	71.3	0.000744	0.00022	0.00013	24	2.8
43.85379	477.406306	404.7	71.3	0.000715	0.00022	0.00007	24	2.8
41.85008	477.00015	405.3525	71.3	0.000659	0.0002	0.00015	24	2.8
40.46159	477.259939	435.707647	71.5	0.000627	0.00019	0.00007	24	2.8
41.95611	479.405298	405.5	71.5	0.000666	0.0002	0.00012	24	2.8
44.70975	481.550657	405.5	71.5	0.000738	0.00021	0.00013	24	2.8
47.73456	483.696016	405.503805	71.3	0.000801	0.00023	0.00014	24	2.8
48.64543	485.841375	416.571587	71.3	0.000809	0.00024	0.00017	24	2.8
46.94331	485.594881	418.626003	71.2	0.000745	0.00023	0.0001	24	2.8
44.23715	484.288793	405.588056	71.3	0.000695	0.00022	0.00016	24	2.8
40.08524	482.982705	406.060719	71.3	0.000627	0.0002	0.00009	24	2.8
40.43507	481.676617	405.5	71.5	0.000637	0.00019	0.00012	24	2.8
41.55967	480.370529	432.028155	71.5	0.000665	0.0002	0.00008	24	2.8
40.90969	479.957684	406.3	71.5	0.00067	0.0002	0.00006	24	2.8
41.30037	479.595828	406.3	71.5	0.000668	0.00019	0.00013	24	2.8
41.03333	479.233972	406.3	71.5	0.000674	0.0002	0.00005	24	2.8
42.12201	478.872116	406.3	71.3	0.000683	0.0002	0.00011	24	2.8
43.91815	478.694508	437.673403	71.3	0.000712	0.00021	0.00005	24	2.8
44.98984	479.075588	405.876792	71.3	0.000738	0.00021	0.0001	24	2.8
47.14193	479.456669	406.3	71.2	0.000764	0.00022	0.00009	24	2.8
45.46194	479.837749	406.216447	71.2	0.000737	0.00022	0.0001	24	2.9
43.11263	480.21883	420.57873	71.2	0.000675	0.00021	0.00009	24	2.9
41.03122	479.222156	408.243854	71.3	0.00063	0.0002	0.00005	24	2.9
39.04358	477.852596	406.3	71.3	0.000614	0.00018	0.0001	24	2.8
39.31663	476.483035	406.3	71.3	0.00062	0.00018	0.00005	24	2.8
38.95344	475.113475	405.659615	71.5	0.00063	0.00018	0.00011	24	2.8
39.94179	473.657353	435.220628	71.5	0.00065	0.00019	0.00008	24	2.8
41.64406	471.954863	405.5	71.3	0.000688	0.0002	0.00009	24	2.7
42.24956	470.252373	405.5	71.3	0.000694	0.0002	0.00013	24	2.8
41.34622	468.549883	405.5	71.2	0.000628	0.00019	0.00004	24	2.8
37.01339	466.847393	411.042683	71.3	0.00056	0.00018	0.00008	24	2.9
34.53083	462.372104	417.37209	71.5	0.000511	0.00017	0.00006	24	2.9
34.27936	455.727012	405.318066	71.5	0.000503	0.00016	0.00011	24	2.9
34.10382	449.08192	405.5	71.5	0.000504	0.00017	0.00011	24	2.9
33.91828	442.436828	405.5	71.5	0.000481	0.00016	0.00012	24	2.9
29.43232	435.791737	414.684087	71.5	0.000429	0.00015	0.00014	24	2.9
27.48704	427.096483	404.7	71.5	0.000376	0.00015	0.00009	24	2.9
28.27366	418.237393	404.441538	71.5	0.000333	0.00014	0.00014	24	2.9
28.46938	409.378303	404.318961	71.6	0.000313	0.00014	0.0001	24	2.9
30.65092	400.519213	404.7	71.5	0.000341	0.00015	0.00012	24	2.9
36.41208	401.467431	401.197567	71.5	0.000481	0.00018	0.00013	24	2.9
43.40786	418.62242	404.7	71.2	0.000626	0.0002	0.00012	24	2.9
48.65241	435.77741	403.93057	71.2	0.000786	0.00023	0.0001	24	2.8
54.87316	452.932399	404.7	70.7	0.000929	0.00026	0.00003	24	2.8

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172.684234	1	1.09026
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185.465708	1	1.09069
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175.288717	1	1.09112
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165.111726	1	1.09157
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163	1	1.09202
163	1	1.09222
163	1	1.09242
162.667156	1	1.09262
157.210703	1	1.09282
151.75425	1	1.09302
146.297796	1	1.09322
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137.760111	1	1.09363
140.328055	1	1.09385
142.895998	1	1.09407
145.463942	1	1.09427
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149.668598	1	1.09466
150.74179	1	1.09487
151.814982	1	1.0951
152.888173	1	1.09534
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133.724556	1	1.09759
139.790609	1	1.09781
145.856661	1	1.09803
151.922714	1	1.09824
155.670414	1	1.09844
147.513448	1	1.09862
139.356481	1	1.0988
131.199515	1	1.09898
123.042549	1	1.09917
119.466496	1	1.09937
118.615614	1	1.09957
117.764731	1	1.09976
116.913848	1	1.09994
116.062965	1	1.10011
108.840206	1	1.10027
101.108247	1	1.10044
93.376289	1	1.1006
85.64433	1	1.10075
81.982721	1	1.1009
89.326134	1	1.10104
96.669546	1	1.10118
104.012959	1	1.10133
111.356371	1	1.10151
126.208975	1	1.10171
145.285498	1	1.10194
164.36202	1	1.1022

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13:20:47.517	193.9	83.3	1852
13:20:48.517		82.6	1846
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13:20:52.517		76.6	1850
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13:21:00.517	194.8	77.4	1845
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13:21:02.517	194.9	78.5	1842
13:21:03.517	195	80.9	1843
13:21:04.517	195	77.5	1841
13:21:05.517	195.1	75.5	1843
13:21:06.517	195.2	75.1	1844
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13:21:08.517	195.3	79	1843
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13:21:10.517	195.4	78.8	1845
13:21:11.517	195.5	76.3	1844
13:21:12.517	195.5	77.7	1840
13:21:13.517	195.6	77.1	1843
13:21:14.517	195.7	75.9	1843
13:21:15.517	195.7	75.6	1844
13:21:16.517		77.7	1843
13:21:17.517		78.9	1846
13:21:18.517		79.4	1843
13:21:19.517		79.6	1840
13:21:20.517		80.7	1842
13:21:21.517		72.2	1840
13:21:22.517		74.6	1843
13:21:23.517		81.6	1843
13:21:24.517		83.5	1844
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13:21:26.517	188.1	78	1841
13:21:27.517	187.4	76.2	1843
13:21:28.517	186.6	75.5	1842
13:21:29.517	185.8	80.1	1845
13:21:30.517	185.1	78.8	1846
13:21:31.517	184.3	76.8	1847
13:21:32.517	183.5	76.5	1846
13:21:33.517	182.8	78.8	1842
13:21:34.517	182	81.1	1843
13:21:35.517	181.3	80.4	1842
13:21:36.517	180.5	80.1	1842
13:21:37.517	179.7	79.4	1844
13:21:38.517	179	78.2	1844
13:21:39.517	178.2	76.2	1844
13:21:40.517	177.4	77.3	1846
13:21:41.517	176.7	79.7	1844
13:21:42.517	175.9	82.5	1843

59.82375	470.087389	416.241575	70.9	0.001028	0.00028	0.00014	24	2.7
69.43304	482.168125	414.340809	70.9	0.001219	0.00033	0.00002	24	2.7
84.66883	491.715539	405.5	70.9	0.00136	0.00038	0.00018	24	2.7
77.47146	501.262953	405.5	70.9	0.00128	0.00038	0.00011	24	2.8
70.41041	510.810366	405.5	70.9	0.001162	0.00034	0.00013	24	2.8
61.0483	520.032923	450.08779	71.1	0.001004	0.0003	0.00019	24	2.8
54.29395	517.54859	404.7	71.2	0.000873	0.00026	0.00007	24	2.9
53.41611	515.064257	404.120704	71.6	0.000887	0.00026	0.00015	24	2.9
56.50544	512.579924	402.938077	71.6	0.000928	0.00027	0.0001	24	2.9
54.23393	510.095591	412.40234	71.6	0.000874	0.00026	0.00017	24	2.9
52.45769	506.516617	424.214552	71.6	0.000857	0.00027	0.00009	24	2.9
45.2813	502.074071	401.910863	71.6	0.000697	0.00023	0.00012	24	2.9
40.10854	497.631525	401.187373	71.6	0.000609	0.0002	0.00008	24	2.9
39.53234	493.188979	400.156421	71.7	0.000617	0.0002	0.00004	24	2.9
39.52329	488.746433	427.087162	71.6	0.000633	0.0002	0.0001	24	2.9
38.56159	486.200817	403.112596	71.6	0.000618	0.00019	0.00004	24	2.9
38.84801	483.921247	398.892784	71.6	0.000617	0.00019	0.00009	24	2.9
39.67034	481.641677	398.2	71.5	0.000639	0.0002	0.00006	24	2.9
40.21313	479.362108	397.68186	71.5	0.000646	0.0002	0.00002	24	2.9
39.94304	477.814289	433.582148	71.5	0.000635	0.0002	0.00003	24	2.9
41.28154	478.758292	396.6	71.3	0.000659	0.0002	0.00001	24	2.9
40.05769	479.702296	396.6	71.3	0.000644	0.0002	0.00012	24	2.9
39.40446	480.646299	395.70403	71.3	0.00066	0.0002	0.00007	24	2.9
44.93717	481.590303	403.930245	71.3	0.000729	0.00022	0.00017	24	2.9
46.48993	481.476587	416.338845	71.3	0.000772	0.00024	0.00011	24	2.9
44.20848	480.551828	396.6	71.2	0.000714	0.00022	0.00011	24	2.8
42.17671	479.62707	395.109987	71.3	0.000654	0.0002	0.00013	24	2.8
40.66114	478.702312	395.998065	71.3	0.000626	0.00019	0.0001	24	2.8
40.38672	477.777554	417.113415	71.5	0.000646	0.0002	0.00014	24	2.8
41.27757	476.989596	402.701813	71.3	0.000659	0.0002	0.00007	24	2.8
42.17058	476.234146	395.7	71.3	0.000673	0.0002	0.00014	24	2.8
41.0001	475.478696	395.7	71.3	0.000662	0.0002	0.00013	24	2.8
40.03169	474.723246	396.228709	71.5	0.000635	0.00019	0.00015	24	2.8
40.63916	474.03322	434.493368	71.3	0.00064	0.00019	0.00016	24	2.8
39.92019	473.651622	396.6	71.3	0.00064	0.00019	0.00012	24	2.8
38.93444	473.270023	396.6	71.3	0.000626	0.00019	0.00018	24	2.8
39.53558	472.888425	397.25567	71.3	0.000627	0.00019	0.00012	24	2.8
39.42612	472.506826	399.621096	71.3	0.000632	0.00019	0.00018	24	2.8
41.32888	472.056483	421.431602	71.3	0.000672	0.0002	0.00013	24	2.8
42.74547	471.524785	398.2	71.3	0.000697	0.0002	0.00019	24	2.8
44.67649	470.993088	398.683995	71.3	0.00073	0.00022	0.00016	24	2.8
41.32769	470.461391	398.9	71.2	0.000681	0.00021	0.00011	24	2.8
38.25756	469.929693	405.676955	71.3	0.000597	0.00019	0.00014	24	2.8
39.28486	471.00887	414.043434	71.5	0.000619	0.00019	0.00006	24	2.8
44.07874	473.313217	399.7	71.3	0.000725	0.00021	0.00016	24	2.8
45.4293	475.617565	399.833684	71.2	0.000765	0.00022	0.00012	24	2.8
46.26662	477.921913	400.5	71.2	0.000767	0.00023	0.00017	24	2.8
45.32941	480.226261	429.76	71.2	0.000731	0.00022	0.00014	24	2.8
43.0012	480.482642	401.34	71.3	0.00069	0.00021	0.00009	24	2.8
45.73263	480.671321	401.988831	71.3	0.000742	0.00022	0.00014	24	2.8
46.06279	480.86	401.3	71.3	0.000751	0.00022	0.00009	24	2.8
45.09654	481.048679	401.802806	71.3	0.000728	0.00022	0.00018	24	2.8
41.91152	481.272826	439.9	71.3	0.000661	0.0002	0.00008	24	2.8
40.74967	481.640632	402.9	71.5	0.000632	0.00019	0.00014	24	2.8
42.19573	482.008438	402.558778	71.5	0.000685	0.0002	0.00012	24	2.8
44.74667	482.376244	402.786943	71.3	0.000723	0.00022	0.0001	24	2.9
46.25814	482.74405	411.482996	71.3	0.000752	0.00023	0.00018	24	2.9
46.40739	482.696339	420.871014	71.3	0.000751	0.00023	0.00011	24	2.9
45.92446	482.342762	403.524316	71.2	0.000743	0.00023	0.00017	24	2.9
43.30364	481.989185	402.961498	71.3	0.000713	0.00022	0.00009	24	2.9
43.46881	481.635607	403.8	71.3	0.000689	0.00022	0.00014	24	2.9
42.9158	481.28203	421.686107	71.3	0.000672	0.00021	0.00013	24	2.9
44.77798	481.049739	407.992972	71.3	0.000718	0.00021	0.00011	24	2.8

183.438543	1	1.10248
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303.117457	1	1.10391
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341.769231	1	1.10447
302.413238	1	1.10473
263.057245	1	1.105
223.701252	1	1.10526
184.345259	1	1.10553
174.280529	1	1.10576
166.936844	1	1.10596
159.59316	1	1.10616
152.249475	1	1.10636
145.022096	1	1.10655
138.458981	1	1.10674
131.895865	1	1.10694
125.33275	1	1.10714
118.769635	1	1.10734
116.488692	1	1.10754
117.334179	1	1.10774
118.179666	1	1.10794
119.025153	1	1.10816
119.87064	1	1.1084
123.720351	1	1.10862
128.112738	1	1.10882
132.505124	1	1.10901
136.897511	1	1.10921
140.842448	1	1.10941
138.455295	1	1.10961
136.068142	1	1.10981
133.68099	1	1.11
131.293837	1	1.11019
129.035789	1	1.11038
126.930526	1	1.11057
124.825263	1	1.11076
122.72	1	1.11095
120.614737	1	1.11115
121.481172	1	1.11135
123.573222	1	1.11157
125.665272	1	1.11178
127.757322	1	1.11197
129.849372	1	1.11216
136.144383	1	1.11237
142.765485	1	1.11259
149.386587	1	1.11282
156.007689	1	1.11304
161.102994	1	1.11325
161.521666	1	1.11347
161.940339	1	1.11369
162.359012	1	1.11391
162.777685	1	1.11411
160.965293	1	1.1143
156.626898	1	1.1145
152.288503	1	1.11472
147.950108	1	1.11495
143.611714	1	1.11518
146.268231	1	1.11541
150.072923	1	1.11563
153.877616	1	1.11585
157.682308	1	1.11606
160.890692	1	1.11627

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13:21:47.517		76.6	1845
13:21:48.517		76.6	1845
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13:21:52.517		78.4	1844
13:21:53.517	168.5	76.9	1843
13:21:54.517	167.9	75.4	1845
13:21:55.517	167.2	74.2	1846
13:21:56.517	166.6	71.5	1845
13:21:57.517	166	56.6	1838
13:21:58.517	165.3	16.4	1823
13:21:59.517	164.7	29.9	1811
13:22:00.517	164	58.2	1803
13:22:01.517	163.4	64.4	1797
13:22:02.517	162.7	22.4	1788
13:22:03.517	162.1	11.8	1768
13:22:04.517	161.4	15.5	1747
13:22:05.517	160.8	18.8	1728
13:22:06.517	160.1	35.4	1718
13:22:07.517	159.5	11.6	1688
13:22:08.517	158.8	0.2	1660
13:22:09.517	158.2	0	1633
13:22:10.517	157.6	0	1607
13:22:11.517	156.9	0	1572
13:22:12.517	156.3	0	1525
13:22:13.517		0	1462
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13:22:17.517		0	1344
13:22:18.517		0	1322
13:22:19.517		0	1295
13:22:20.517		0	1280
13:22:21.517	156.8	46.4	1267
13:22:22.517	156.8	83.5	1264
13:22:23.517	156.9	63.6	1276
13:22:24.517	157	29.5	1276
13:22:25.517	157	51.7	1278
13:22:26.517	157.1	93.2	1291
13:22:27.517	157.2	98	1313
13:22:28.517	157.2	82.7	1322
13:22:29.517	157.3	83.8	1336
13:22:30.517	157.4	77	1346
13:22:31.517	157.4	18.4	1339
13:22:32.517	157.5	50.9	1331
13:22:33.517	157.5	69.9	1331
13:22:34.517	157.6	74.5	1338
13:22:35.517	157.7	73.6	1337
13:22:36.517	157.7	73.9	1341
13:22:37.517	157.8	61.5	1341
13:22:38.517	157.9	49.6	1334
13:22:39.517	157.9	77.7	1338
13:22:40.517	158	85.5	1343
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13:22:42.517		83.5	1371
13:22:43.517		76.2	1383
13:22:44.517		84.3	1396
13:22:45.517		81.6	1405

46.4746	480.854087	402.900971	71.3	0.000758	0.00022	0.00018	24	2.7
45.86012	480.658435	403.8	71.3	0.000743	0.00022	0.00008	24	2.7
44.51802	480.462783	404.403962	71.3	0.000715	0.00021	0.00018	24	2.7
42.93237	480.172081	441.598228	71.3	0.000689	0.0002	0.0001	24	2.7
41.25149	479.41066	403.8	71.5	0.000652	0.00019	0.00015	24	2.8
39.43413	478.649239	403.8	71.5	0.000626	0.00019	0.0001	24	2.8
39.53569	477.887817	403.8	71.5	0.000634	0.00019	0.00009	24	2.7
41.54187	477.126396	403.8	71.3	0.000669	0.00019	0.00016	24	2.7
40.95576	475.832228	425.103363	71.5	0.00066	0.00019	0.00011	24	2.7
40.07278	473.860018	403.8	71.3	0.000648	0.0002	0.00015	24	2.8
40.57771	471.887808	403.8	71.5	0.000642	0.00019	0.0001	24	2.8
38.80278	469.915598	403.332766	71.3	0.000623	0.00019	0.00016	24	2.8
38.17849	467.943389	427.29726	71.3	0.000593	0.00018	0.00011	24	2.8
36.62613	451.175143	403.764116	71.5	0.000538	0.00017	0.00012	24	2.8
32.95035	434.074062	402.9	71.5	0.000461	0.00015	0.00014	24	2.8
26.33953	416.972982	403.396184	71.5	0.000348	0.00014	0.00011	24	2.9
22.86333	399.871901	403.095606	71.3	0.000225	0.00015	0.00018	24	3
42.14523	384.538362	395.594366	70.8	0.000342	0.00018	0.00018	24	2.9
35.73536	374.261766	402.370927	70.1	0.000402	0.00017	0.00021	24	2.9
23.71991	363.98517	402.9	69.7	0.0003	0.00013	0.00011	24	2.9
23.85787	353.708574	402.853797	69.6	0.000219	0.00012	0.00011	24	2.9
25.6056	343.431979	396.962842	69.3	0.000139	0.00013	0.00009	24	3
25.71844	331.987698	388.752537	68.5	0.000092	0.00013	0.00005	24	3
22.26258	319.62222	401.488486	67.8	0.000076	0.00011	0.00005	24	3
22.18737	307.256742	402.098974	67	0.000085	0.0001	0.00002	24	3
24.90322	294.891264	401.3	66.3	0.000129	0.00019	0.00017	24	3
44.07571	282.525786	373.142767	65.5	0.000082	0.00022	0.00015	24	3.1
44.38806	271.396005	392.589883	64.3	0.000038	0.00022	0.00016	24	3.1
43.30381	260.537475	401.3	63.3	0.00003	0.00022	0.00013	24	3.1
41.89516	249.678945	401.3	62.3	0.00003	0.00021	0.00012	24	3.1
41.01943	238.820415	401.3	61	0.000029	0.0002	0.00013	24	3.1
39.63682	229.759988	329.245124	59.3	0.000027	0.0002	0.00007	24	3.1
37.95605	225.123266	400.800752	57	0.000026	0.0002	0.00013	24	3.2
37.43866	220.486545	400.859527	55.3	0.000026	0.0002	0.00008	24	3.3
37.48113	215.849824	400.5	53.8	0.000026	0.0002	0.00009	24	3.3
37.13945	211.213103	397.463748	52.7	0.000025	0.00019	0.00012	24	3.3
35.715	216.465293	346.750737	51.9	0.000025	0.00019	0.00008	24	3.3
23.61091	233.42008	399.972901	51.3	0.000017	0.00013	0.00007	24	3.2
16.83775	250.374867	398.9	51.2	0.000033	0.00011	0.00003	24	3.2
31.37085	267.329654	398.606398	50.3	0.000183	0.00017	0.00011	24	3.1
42.66418	284.284441	358.234674	49.7	0.000488	0.00019	0.00015	24	3
37.3661	305.771548	398.00975	48.8	0.00044	0.0002	0.00021	24	3
38.30925	327.51737	396.909716	49.3	0.000376	0.00018	0.00013	24	3
44.89138	349.263193	396.099092	49.4	0.000556	0.00021	0.00012	24	3
45.27656	371.009015	395.091401	49.4	0.000726	0.00023	0.00017	24	3
29.47013	382.751268	390.208103	49.8	0.000537	0.00017	0.0001	24	3
31.75644	379.362495	392.651563	50.6	0.00055	0.00018	0.00014	24	3
32.15181	375.973721	390.367651	51.1	0.000526	0.00016	0.00005	24	3
17.86752	372.584948	388.668085	51.4	0.000312	0.00011	0.00005	24	3.1
27.37383	369.196175	385.933333	51.9	0.000334	0.00014	0.00006	24	3.1
27.79011	368.869543	381.689553	51.9	0.000339	0.00015	0.00006	24	3.2
26.90165	370.688494	383.914723	51.4	0.000364	0.00014	0.00009	24	3.1
25.15035	372.507445	382.555322	51.6	0.000369	0.00013	0.00003	24	3.1
24.70983	374.326396	380.431363	51.7	0.00036	0.00013	0.0001	24	3.1
20.63797	376.145347	378.074658	51.8	0.000319	0.00012	0.00006	24	3.1
30.98495	382.234361	377.073396	51.9	0.000356	0.00014	0.00011	24	3.1
27.84461	389.018502	374.736556	51.9	0.000358	0.00015	0.00011	24	3.1
33.0007	395.802643	372.632448	51.6	0.00048	0.00017	0.00009	24	3.1
35.43919	402.586784	369.274919	51.6	0.00062	0.00019	0.00016	24	3
37.67739	408.905566	383.170361	51.9	0.000664	0.00019	0.00009	24	3
33.66478	414.235461	364.578029	52.4	0.000594	0.00017	0.00014	24	3
31.17324	419.565356	361.871131	52.9	0.000546	0.00016	0.00007	24	3
31.59433	424.89525	359.062045	53.5	0.00055	0.00016	0.00011	24	3

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159.18275	1	1.11671
158.328779	1	1.11692
157.474808	1	1.11712
153.457956	1	1.11731
145.480379	1	1.1175
137.502803	1	1.11769
129.525226	1	1.11788
121.54765	1	1.11807
119.115452	1	1.11827
118.017998	1	1.11846
116.920544	1	1.11865
115.82309	1	1.11883
120.284295	1	1.119
141.421475	1	1.11915
162.558656	1	1.11929
183.695836	1	1.11944
204.833016	1	1.11962
196.83105	1	1.11979
161.82344	1	1.11992
126.81583	1	1.12004
91.808219	1	1.12017
56.800609	1	1.1203
45.985065	1	1.12041
37.27318	1	1.12051
28.561294	1	1.1207
19.849409	1	1.12092
11.781938	1	1.12114
9.579295	1	1.12136
7.376652	1	1.12157
5.174009	1	1.12177
2.971366	1	1.12197
1.764085	0	1.12217
1.342055	0	1.12237
0.920025	0	1.12257
0.497995	0	1.12276
0.075965	0	1.12295
131.345133	0	1.12308
291.522124	0	1.12319
451.699115	0	1.12336
611.876106	0	1.12355
721.987884	0	1.12375
715.280831	0	1.12393
708.573778	0	1.12414
701.866724	1	1.12437
695.159671	1	1.12454
654.450093	1	1.12472
597.591824	1	1.12488
540.733555	1	1.12499
483.875285	1	1.12513
427.017016	1	1.12528
365.324068	1	1.12542
302.837535	1	1.12555
240.351002	1	1.12568
177.864469	1	1.1258
136.018583	1	1.12594
168.213915	1	1.12609
200.409248	1	1.12626
232.604581	1	1.12645
264.799914	1	1.12664
261.621691	1	1.12681
233.861846	1	1.12697
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13:22:54.517	158.9	81.5	1480
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13:23:03.517	159.5	83.5	1550
13:23:04.517	159.6	74.4	1550
13:23:05.517	159.6	68.2	1554
13:23:06.517	159.7	70.9	1554
13:23:07.517	159.7	88.6	1557
13:23:08.517		91.2	1673
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13:23:11.517		99.6	3136
13:23:12.517		99.6	3298
13:23:13.517		99.6	3098
13:23:14.517		67.4	2960
13:23:15.517	157.9	24.3	2767
13:23:16.517	157.6	2.2	2369
13:23:17.517	157.4	0	1984
13:23:18.517	157.1	8.2	1957
13:23:19.517	156.8	33.5	1940
13:23:20.517	156.6	51.5	1914
13:23:21.517	156.3	58.1	1899
13:23:22.517	156	62.5	1887
13:23:23.517	155.8	66.2	1881
13:23:24.517	155.5	69.3	1873
13:23:25.517	155.2	71.2	1868
13:23:26.517	155	71.4	1865
13:23:27.517	154.7	71.2	1857
13:23:28.517	154.4	75.1	1855
13:23:29.517	154.2	74.2	1854
13:23:30.517	153.9	76.4	1852
13:23:31.517	153.6	74.9	1852
13:23:32.517	153.4	76.4	1850
13:23:33.517	153.1	77.6	1845
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13:23:42.517		75.6	1846
13:23:43.517	152.1	78.3	1845
13:23:44.517	152	79.4	1843
13:23:45.517	151.9	79.7	1845
13:23:46.517	151.9	78.7	1843
13:23:47.517	151.8	77.8	1844
13:23:48.517	151.7	78.2	1843

27.8765	430.225145	368.555201	53.9	0.000517	0.00015	0.00008	24	3
27.90099	434.03934	367.307597	54.2	0.000493	0.00015	0.00007	24	3
43.21784	437.09682	351.987953	54.5	0.000747	0.00021	0.00017	24	3
51.01158	440.154301	349.064954	54.8	0.000937	0.00025	0.00021	24	2.9
46.43752	443.211781	346.657746	55.1	0.000751	0.00022	0.0002	24	2.9
26.89514	446.269262	367.580842	55.8	0.000418	0.00015	0.00007	24	3
24.68071	448.187986	354.132468	56.6	0.000362	0.00015	0.00009	24	3
41.06376	449.749072	341.815647	56.8	0.000501	0.00016	0.0001	24	2.8
34.1775	451.310158	339.989691	56.7	0.000591	0.00017	0.00012	24	2.8
33.39662	452.871244	339.075461	57.1	0.000594	0.00017	0.00015	24	2.8
37.6879	454.426932	380.303269	57.2	0.000625	0.00018	0.00008	24	2.8
35.98608	455.972185	337.07176	57.7	0.000606	0.00017	0.00014	24	2.8
30.88696	457.517439	336.7	58	0.000564	0.00016	0.00006	24	2.8
35.76371	459.062693	336.528541	58.3	0.000629	0.00018	0.0001	24	2.8
26.77003	460.607947	364.028834	58.7	0.000506	0.00015	0.00007	24	2.8
30.84745	458.554724	347.286264	59	0.000457	0.00015	0.00007	24	2.8
26.55628	455.662892	336.7	59.4	0.00046	0.00015	0.0001	24	2.8
37.289	452.77106	336.7	59.4	0.000573	0.00018	0.00009	24	2.9
33.45771	449.879227	337.83981	59.5	0.000558	0.00017	0.00012	24	2.9
35.7693	454.567915	384.380888	59.6	0.000513	0.00016	0.00003	24	2.9
28.40521	478.653021	338.459457	59.8	0.000466	0.00015	0.00009	24	2.9
36.16261	502.738128	339.341995	60.1	0.000517	0.00016	0.00008	24	2.9
62.70032	526.823234	340.379381	60.2	0.001314	0.00037	0.00023	24	2.9
171.77891	550.90834	365.079248	60.2	0.003122	0.00081	0.00073	24	2.9
185.16221	582.740483	403.14752	60.7	0.003495	0.0058	0.00021	24	18.3
199.80174	620.15956	370.942536	61.9	0.003641	0.01289	0.00019	24	38.5
209.26216	657.578636	387.821114	64.6	0.003551	0.01787	0	24	51.9
208.19351	694.997713	404.883055	68.2	0.003349	0.0193	0.00021	24	60.4
186.55221	732.416789	528.718309	71.8	0.002098	0.01516	0.00017	24	63.9
31.19258	670.998963	433.8312	75	0.000537	0.00511	0.00016	24	54
42.99558	604.049611	436.193134	77.9	0.000157	0.00214	0.00011	24	33.8
48.90227	537.100259	437	79.2	0.000084	0.00113	0.00015	24	14.4
42.97942	470.150907	439.590323	78.4	0.000037	0.00034	0.00012	24	6.5
25.32149	447.313612	440.353694	77	0.000042	0.00024	0.00007	24	5.6
25.25538	443.201948	438.7	75.9	0.000104	0.00022	0.00011	24	5
33.53568	439.090283	439.877581	74.9	0.000238	0.00023	0.0001	24	4.4
35.79729	434.978619	442.017004	74.1	0.000371	0.00025	0.00014	24	4.3
35.6469	431.609355	437.981528	73.6	0.000454	0.00026	0.00014	24	4.3
36.64585	436.663118	445.723684	73.2	0.000514	0.00026	0.00014	24	4.1
37.35063	441.716882	448.466316	72.8	0.000536	0.00025	0.00018	24	3.9
37.41544	446.770645	450.844286	72.6	0.000553	0.00023	0.00017	24	3.5
37.8971	451.824409	453.598696	72.4	0.000564	0.00022	0.00022	24	3.5
38.60718	455.580204	456.628182	72.2	0.000579	0.00022	0.00015	24	3.5
38.60899	457.622441	459.582544	72	0.000589	0.00022	0.00016	24	3.4
38.38751	459.664679	462.3025	71.9	0.000603	0.00022	0.00016	24	3.4
38.7206	461.706916	464.969197	71.8	0.000604	0.00022	0.00014	24	3.4
38.72055	463.638214	465.723862	71.7	0.000617	0.00022	0.00018	24	3.4
39.06427	464.771111	469.892652	71.7	0.000624	0.00022	0.00011	24	3.3
39.72303	465.904009	471.263785	71.6	0.000635	0.00021	0.00021	24	3.2
40.32894	467.036906	473.092697	71.5	0.00063	0.00021	0.00013	24	3.2
40.65974	468.169804	474.99142	71.5	0.000659	0.00022	0.00017	24	3.2
41.79318	469.576381	474.687709	71.5	0.000678	0.00023	0.00016	24	3.2
44.10964	471.223712	476.7	71.3	0.000694	0.00023	0.00015	24	3.2
44.68088	472.871044	477.18363	71.3	0.000735	0.00025	0.00018	24	3.2
45.19662	474.518376	476.890735	71.2	0.000739	0.00025	0.00012	24	3.2
43.30359	475.595194	476.210177	71.3	0.000695	0.00024	0.00019	24	3.2
40.8843	474.672645	475.481998	71.3	0.000631	0.00022	0.0001	24	3.2
39.64757	473.750097	474.005512	71.5	0.00063	0.00022	0.00013	24	3.2
40.44606	472.827548	472.340435	71.5	0.000634	0.00021	0.00013	24	3.2
40.94363	471.904999	471.331935	71.5	0.000655	0.00022	0.00011	24	3.2
41.2265	471.0511	469.211727	71.3	0.000667	0.00022	0.00017	24	3.1
41.60671	470.250922	466.68241	71.3	0.000665	0.00022	0.00011	24	3.1
40.72116	469.450745	463.403942	71.3	0.00065	0.00021	0.00018	24	3.1

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150.582311	1	1.12743
177.023204	1	1.12764
206.740281	1	1.12789
236.457358	1	1.12811
266.174435	1	1.12826
294.423878	1	1.12841
275.219806	1	1.12857
256.015733	1	1.12874
236.811661	1	1.12891
217.607589	1	1.12909
206.047855	1	1.12926
197.640871	1	1.12942
189.233887	1	1.1296
180.826902	1	1.12975
173.183226	1	1.1299
175.838681	1	1.13005
178.494136	1	1.13023
181.149591	1	1.1304
183.805045	1	1.13056
302.011298	1	1.13071
514.759113	1	1.13087
727.506928	1	1.13124
940.254743	1	1.13205
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1148.740237	1	1.16861
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1023.227672	1	1.20818
771.492365	1	1.21032
519.757057	1	1.21145
268.021749	1	1.21179
16.286441	0	1.21203
31.568118	0	1.21225
52.577431	0	1.21248
73.586745	0	1.21273
94.596058	0	1.21299
106.968209	0	1.21325
104.117957	1	1.2135
101.267704	1	1.21373
98.417452	1	1.21395
95.5672	1	1.21417
94.817955	1	1.21439
94.590682	1	1.21461
94.363409	1	1.21483
94.136136	1	1.21505
94.178222	1	1.21527
94.622667	1	1.21548
95.067111	1	1.21569
95.511556	1	1.21591
95.956	1	1.21614
101.841167	1	1.21637
108.324149	1	1.21662
114.807131	1	1.21687
121.290113	1	1.21711
122.165966	1	1.21733
119.014706	1	1.21755
115.863445	1	1.21776
112.712185	1	1.21798
109.560924	1	1.2182
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108.585815	1	1.21863

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13:23:56.517	151.2	73.1	1845
13:23:57.517	151.1	75.1	1845
13:23:58.517	151.1	75.9	1848
13:23:59.517	151	74	1847
13:24:00.517	150.9	72.7	1845
13:24:01.517	150.9	73.3	1844
13:24:02.517	150.8	72.9	1846
13:24:03.517		73.7	1845
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13:24:06.517		83.1	1840
13:24:07.517		75.2	1844
13:24:08.517		75.5	1848
13:24:09.517		77.2	1846
13:24:10.517	152.9	77.9	1844
13:24:11.517	153.1	81.5	1845
13:24:12.517	153.4	73.9	1845
13:24:13.517	153.7	78.5	1845
13:24:14.517	153.9	80	1844
13:24:15.517	154.2	79.6	1844
13:24:16.517	154.5	79.5	1842
13:24:17.517	154.7	80.5	1841
13:24:18.517	155	79.3	1843
13:24:19.517	155.2	75.1	1842
13:24:20.517	155.5	79.5	1842
13:24:21.517	155.8	77.9	1842
13:24:22.517	156	77.9	1839
13:24:23.517	156.3	80.6	1840
13:24:24.517	156.6	79.2	1837
13:24:25.517	156.8	80.3	1836
13:24:26.517	157.1	74.8	1837
13:24:27.517	157.3	58.5	1833
13:24:28.517	157.6	36.4	1810
13:24:29.517	157.9	59.3	1804
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13:24:36.517		78	1833
13:24:37.517	156.5	79.2	1840
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13:24:39.517	156.1	77.3	1837
13:24:40.517	155.9	77.5	1838
13:24:41.517	155.7	78.7	1837
13:24:42.517	155.5	79.9	1835
13:24:43.517	155.3	80.7	1833
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13:24:45.517	154.9	77.3	1832
13:24:46.517	154.7	76.9	1835
13:24:47.517	154.5	50	1822
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13:24:49.517	154.1	0	1763
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41.02317	468.650567	460.965421	71.3	0.000656	0.00022	0.00013	24	3.1
40.80231	467.910783	462.628011	71.3	0.000655	0.00021	0.00015	24	3.1
40.89192	468.084696	455.661654	71.3	0.00065	0.00021	0.00015	24	3.1
40.39302	468.258609	452.195942	71.3	0.000644	0.00021	0.00013	24	3.1
40.66789	468.432522	449.068961	71.3	0.000646	0.00021	0.00018	24	3.1
41.58	468.606435	447.293333	71.3	0.000682	0.00022	0.00013	24	3.1
41.77614	467.87726	450.426765	71.3	0.000677	0.00022	0.00021	24	3.1
40.01068	466.096438	441.618261	71.3	0.000646	0.00021	0.0001	24	3.1
38.83406	464.315616	438.550526	71.3	0.000609	0.0002	0.00017	24	3.1
38.64358	462.534795	436.958082	71.5	0.0006	0.0002	0.00013	24	3.1
38.42012	460.748432	446.017872	71.5	0.000597	0.0002	0.00017	24	3.1
37.47257	458.900042	431.739851	71.5	0.000581	0.0002	0.0002	24	3.1
37.90021	457.051651	429.958908	71.5	0.000588	0.0002	0.00016	24	3.1
38.28704	455.203261	427.753543	71.5	0.000595	0.0002	0.00022	24	3.1
38.26179	453.35487	426.351429	71.5	0.000604	0.0002	0.00016	24	3.1
39.1119	452.417004	435.917173	71.3	0.000619	0.00021	0.00022	24	3.1
40.64974	453.978817	422.519376	71.3	0.000644	0.00021	0.00021	24	3.1
44.21849	455.540629	420.915584	71.2	0.000733	0.00023	0.00021	24	3.1
44.2472	457.102442	419.381551	71.2	0.000721	0.00024	0.00026	24	3.1
41.27385	458.664254	424.498459	71.2	0.00065	0.00022	0.00016	24	3.1
40.22489	459.388336	421.972011	71.3	0.000617	0.00021	0.0002	24	3.1
38.87334	459.788247	416.137973	71.3	0.000608	0.0002	0.00011	24	3.1
42.36492	460.188158	414.111988	71.5	0.000681	0.00022	0.00017	24	3.1
41.47578	460.588069	413.16086	71.3	0.000682	0.00022	0.00016	24	3.1
40.76534	461.229835	434.738774	71.3	0.000644	0.00021	0.00016	24	3.1
41.25297	462.729085	411.269607	71.5	0.000664	0.00022	0.00015	24	3.1
42.44083	464.228336	410.4	71.5	0.000689	0.00022	0.00009	24	3.1
43.7528	465.727586	409.617	71.3	0.000709	0.00023	0.00013	24	3.1
45.09175	467.226837	414.044638	71.3	0.000735	0.00024	0.00003	24	3.1
45.70776	467.9	420.991031	71.3	0.000745	0.00024	0.00003	24	3.1
44.58348	467.9	408.171118	71.3	0.00072	0.00024	0.00002	24	3.1
43.52682	467.9	407.2	71.3	0.000685	0.00023	0.00005	24	3.1
42.96945	467.9	407.2	71.3	0.000694	0.00023	0.00012	24	3.1
41.88	467.9	426.689474	71.3	0.000665	0.00021	0.00009	24	3
43.36553	468.820835	406.207773	71.3	0.000691	0.00022	0.00016	24	3
43.29476	469.841717	405.246616	71.2	0.000709	0.00023	0.00009	24	3.1
45.13126	470.862599	404.7	71.2	0.000731	0.00024	0.00012	24	3.1
45.54833	471.88348	407.160981	71.1	0.000715	0.00024	0.0001	24	3.1
38.49357	470.225571	419.052306	71.1	0.000537	0.00019	0.00008	24	3.1
24.67322	466.721468	403.154496	71.1	0.000394	0.00015	0.0001	24	3.1
30.32727	463.217365	402.138144	71	0.000352	0.00016	0.00011	24	3.1
51.36503	459.713262	401.771989	70.6	0.00069	0.00026	0.00024	24	3.1
68.12075	457.148201	425.584555	70	0.001025	0.00032	0.00013	24	3
62.41789	464.957855	401.3	69.5	0.001	0.0003	0.0002	24	3
53.67005	472.767509	401.3	69.7	0.000893	0.00029	0.00009	24	3.2
51.9875	480.577163	401.3	70.2	0.000864	0.00028	0.00011	24	3.2
49.49196	488.386817	412.50858	70.5	0.000798	0.00027	0.0001	24	3.2
47.36066	488.985883	414.739159	70.8	0.000767	0.00026	0.00007	24	3.2
46.58967	486.360534	400.5	70.9	0.000743	0.00025	0.00013	24	3.2
45.73222	483.735184	399.7	71	0.000721	0.00025	0.00004	24	3.2
43.35258	481.109834	399.7	71.1	0.000693	0.00024	0.00011	24	3.2
41.98251	478.590052	432.482716	71.1	0.000667	0.00023	0.00007	24	3.2
42.48106	478.363961	398.9	71.1	0.000656	0.00023	0.00007	24	3.2
42.54935	478.13787	398.9	71.1	0.000681	0.00023	0.00008	24	3.2
44.71397	477.911779	398.9	71.1	0.000729	0.00024	0.00006	24	3.2
45.105	477.685688	405.032075	71	0.000745	0.00025	0.00013	24	3.2
44.47551	467.420342	414.058103	71	0.000725	0.00024	0.00005	24	3.2
43.70865	451.027979	398.306851	71	0.000687	0.00024	0.00009	24	3.2
38.63108	434.635616	398.2	71	0.000556	0.0002	0.00005	24	3.2
27.05813	418.243252	397.754272	71	0.000329	0.00017	0.00007	24	3.3
44.02249	402.398894	400.138377	70.8	0.000237	0.00022	0.00016	24	3.3
45.04452	394.569106	397.4	70.1	0.00012	0.00024	0.00017	24	3.4
44.1365	386.739319	397.4	68.5	0.00006	0.00023	0.00018	24	3.4

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107.72419	1	1.21927
107.072158	1	1.21948
106.420126	1	1.21969
105.768094	1	1.21991
105.116062	1	1.22013
103.897138	1	1.22034
102.555456	1	1.22054
101.213775	1	1.22074
99.872093	1	1.22094
98.107712	1	1.22114
95.558317	1	1.22134
93.008923	1	1.22154
90.459528	1	1.22174
87.910134	1	1.22195
90.325145	1	1.22216
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115.699789	1	1.2253
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123.716667	1	1.22576
127.725105	1	1.22597
130.872917	1	1.22619
130.178472	1	1.22642
129.484028	1	1.22666
128.789583	1	1.2269
128.095139	1	1.22709
158.883085	1	1.22724
194.668815	1	1.2274
230.454545	1	1.22766
266.240276	1	1.22798
279.986824	1	1.22828
255.225352	1	1.22857
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205.702408	1	1.22912
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170.060352	1	1.22988
164.994273	1	1.23012
159.928194	1	1.23035
154.386419	1	1.23058
148.193099	1	1.23081
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129.613139	1	1.23154
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78.217867	1	1.23198
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37.132609	1	1.23261
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13:25:12.517	165.5	67.9	1710
13:25:13.517	166.3	66.9	1711
13:25:14.517	167.2	63.2	1709
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13:25:20.517	172.2	50.4	1662
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13:25:22.517	173.8	66.7	1656
13:25:23.517	174.7	75.9	1656
13:25:24.517	175.5	80.9	1658
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13:25:32.517		85.7	1697
13:25:33.517	171.1	82.8	1702
13:25:34.517	170.5	83.5	1704
13:25:35.517	169.9	82.7	1708
13:25:36.517	169.3	78.4	1713
13:25:37.517	168.7	73.9	1717
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13:25:39.517	167.6	69.3	1718
13:25:40.517	167	72.2	1718
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13:25:42.517	165.8	66.3	1719
13:25:43.517	165.2	60.1	1716
13:25:44.517	164.6	57.4	1715
13:25:45.517	164	52.2	1716
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13:25:49.517	161.7	34.7	1717
13:25:50.517	161.1	40.7	1709
13:25:51.517	160.5	48.4	1706
13:25:52.517	159.9	55.7	1705
13:25:53.517		60.7	1707
13:25:54.517		63.3	1706

39.63724	378.909532	397.4	66.2	0.000085	0.00019	0.00009	24	3.4
52.56729	371.079745	397.4	64.2	0.00039	0.00025	0.00019	24	3.3
49.81093	372.416517	386.408284	63.3	0.000679	0.00026	0.00014	24	3.1
45.6986	389.769584	397.4	63.1	0.000713	0.00024	0.00016	24	3.2
44.0129	407.122651	397.4	63.5	0.000728	0.00024	0.00013	24	3.2
42.75002	424.475719	397.4	63.9	0.000714	0.00024	0.0001	24	3.2
39.57372	441.828786	406.825337	64.3	0.000643	0.00022	0.00013	24	3.2
36.66421	447	402.958621	64.7	0.00057	0.0002	0.00007	24	3.2
34.83596	447	396.683227	64.9	0.000536	0.00019	0.00012	24	3.2
34.33716	447	396.6	65.1	0.000547	0.00019	0.00006	24	3.2
35.95995	447	396.6	65.2	0.000572	0.00019	0.00009	24	3.2
35.83415	447	413.786468	65.4	0.000582	0.00019	0.00011	24	3.2
35.30501	444.947137	395.818013	65.5	0.000578	0.00019	0.00006	24	3.2
35.31	442.744493	396.192632	65.6	0.000565	0.00019	0.00013	24	3.2
34.34474	440.54185	395.7	65.8	0.000536	0.00018	0.00006	24	3.1
33.51935	438.339207	394.269395	65.8	0.000522	0.00018	0.00011	24	3.1
33.265	435.577649	409.170649	65.9	0.000516	0.00018	0.00007	24	3.1
32.20042	431.949202	393.785942	66.1	0.000505	0.00017	0.00011	24	3.1
31.21123	428.320755	393.667358	66.1	0.000484	0.00017	0.00011	24	3.1
30.69927	424.692308	392.715679	66.2	0.000464	0.00016	0.0001	24	3.1
30.68334	421.063861	395.239202	66.2	0.000453	0.00016	0.00014	24	3.1
29.78765	414.392016	397.861708	66.2	0.00045	0.00016	0.0001	24	3.1
29.28606	405.41489	390.609924	66.2	0.000439	0.00016	0.00015	24	3.1
28.07033	396.437764	389.640838	66.2	0.000411	0.00015	0.00013	24	3.1
27.12555	387.460639	389.6	66.2	0.000384	0.00015	0.00016	24	3.1
24.75134	378.483513	385.325	66.1	0.000292	0.00014	0.00014	24	3.2
20.06868	371.289919	387.935469	65.9	0.000198	0.00012	0.00013	24	3.2
19.36634	364.220314	386.964089	65.5	0.000154	0.00011	0.00011	24	3.2
21.10333	357.150709	386.4	65.1	0.000177	0.00013	0.0001	24	3.3
27.3732	350.081104	385.762959	64.7	0.000242	0.00015	0.00015	24	3.2
30.41126	351.744537	370.037722	64.3	0.000321	0.00016	0.00011	24	3.2
33.1454	369.4847	384.514779	64.1	0.000423	0.00017	0.00009	24	3.1
36.2112	387.224863	383.500758	64	0.000529	0.00019	0.00006	24	3.1
43.6908	404.965025	383.024712	64	0.000704	0.00023	0.00004	24	3.1
48.27	422.705188	391.35488	64.1	0.000788	0.00025	0.00008	24	3.1
47.69232	430.793659	385.866316	64.3	0.000822	0.00026	0.00006	24	3.1
45.82228	436.514279	381.761328	64.6	0.000755	0.00025	0.00014	24	3.2
44.23597	442.2349	380.9	64.9	0.000705	0.00024	0.00006	24	3.2
43.98644	447.955521	380.396067	65.2	0.00072	0.00024	0.0001	24	3.2
50.76457	454.23195	409.915155	65.4	0.000874	0.00029	0.00006	24	3.3
57.08605	461.849525	380.2	65.5	0.000954	0.00031	0.00008	24	3.3
52.65227	469.467101	379.492632	65.5	0.000946	0.0003	0.00013	24	3.3
52.33293	477.084677	379.4	65.5	0.000907	0.00029	0.00008	24	3.3
50.4735	484.702252	403.310097	65.7	0.000866	0.00028	0.00017	24	3.3
48.56738	481.62029	390.270531	65.9	0.000844	0.00028	0.0001	24	3.3
44.71964	475.233234	378.6	66.1	0.000744	0.00026	0.00014	24	3.3
38.60105	468.846178	377.9	66.2	0.000601	0.00022	0.00009	24	3.3
33.23043	462.459123	377.452771	66.4	0.000487	0.00018	0.00009	24	3.2
30.28888	455.982736	411.579178	66.5	0.000468	0.00017	0.00014	24	3.2
32.03119	448.262385	376.991729	66.5	0.000479	0.00017	0.00012	24	3.2
30.23162	440.542033	376.4	66.5	0.00047	0.00017	0.00017	24	3.3
29.01414	432.821681	375.803557	66.4	0.000439	0.00017	0.00014	24	3.3
26.99865	425.10133	375.6	66.4	0.000402	0.00016	0.00018	24	3.3
27.12667	415.305341	390.83861	66.4	0.000377	0.00016	0.00018	24	3.3
25.83	402.447275	374.8	66.4	0.000346	0.00015	0.00018	24	3.3
25.63725	389.58921	374.226938	66.5	0.000311	0.00015	0.0002	24	3.3
25.8757	376.731144	373.907218	66.4	0.000271	0.00015	0.00016	24	3.4
22.74453	363.873078	370.401389	66.4	0.000204	0.00013	0.00016	24	3.4
20.29476	361.177545	372.5	66.4	0.000169	0.00012	0.00009	24	3.4
21.40294	361.673663	373.2	66.3	0.00019	0.00013	0.00013	24	3.4
28.0764	362.16978	372.4	66.2	0.000243	0.00015	0.00013	24	3.5
28.77963	362.665897	371.940022	66.1	0.000316	0.00016	0.00015	24	3.4
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35.3355	385.55214	371.6	66.1	0.000522	0.0002	0.00014	24	3.3
33.32115	392.736824	375.591956	66.1	0.000524	0.0002	0.00018	24	3.3
22.00463	377.599858	375.333074	65.9	0.000282	0.00014	0.00008	24	3.3
38.188	352.19819	371.6	65.8	0.000209	0.00023	0.00014	24	3.5
40.35912	326.796522	371.557632	64.6	0.000096	0.00023	0.00015	24	3.6
39.43776	301.394855	371.111852	61.6	0.000047	0.00023	0.0001	24	3.6
29.49193	275.993187	347.892381	58.4	0.000025	0.00016	0.00012	24	3.6
24.52772	275.623859	360.149936	55.9	0.00004	0.00015	0.00008	24	3.6
23.50818	282.816384	371.6	55	0.000125	0.00015	0.00011	24	3.5
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19.00248	297.201434	370.9	54.5	0.000259	0.00013	0.00009	24	3.5
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24.81777	337.061485	370.9	54.1	0.000191	0.00015	0.00014	24	3.5
39.93088	352.694672	370.9	53.6	0.000405	0.0002	0.00014	24	3.4
44.58579	368.32786	371.293802	53.4	0.000831	0.00029	0.00023	24	3.4
61.88536	387.205916	372.150459	53.7	0.001083	0.00036	0.00024	24	3.4
57.91064	408.376421	371.6	54.3	0.001037	0.00035	0.00021	24	3.5
54.99456	429.546926	370.948185	55.2	0.000968	0.00033	0.0002	24	3.5
47.27577	450.717431	371.383836	56.3	0.00085	0.0003	0.00014	24	3.5
39.30933	471.887936	401.111712	57.4	0.000659	0.00024	0.00013	24	3.6
38.12225	476.890754	369.28944	58.3	0.000705	0.00024	0.00008	24	3.5
38.53653	479.107346	368.6	59	0.000687	0.00024	0.00032	24	3.5
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50.24153	483.540532	367.345532	59.5	0.000857	0.00029	0.00033	24	3.5
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15.90934	459.982266	365.809166	59.6	0.000222	0.00012	0.00007	24	3.6
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25.23202	414.25156	363.362564	60.8	0.000095	0.00014	0.00008	24.4	3.8
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13:27:30.517	153.5	82	1779
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13:27:32.517	153.6	74.6	1795
13:27:33.517	153.6	69.3	1798
13:27:34.517	153.7	58.9	1795
13:27:35.517	153.8	73.7	1794
13:27:36.517	153.8	82.1	1797
13:27:37.517	153.9	74.1	1803
13:27:38.517	154	68.1	1806
13:27:39.517	154	72	1803
13:27:40.517	154.1	80.8	1802
13:27:41.517	154.2	79	1807
13:27:42.517	154.2	70.2	1806
13:27:43.517	154.3	65.9	1805
13:27:44.517	154.3	79.8	1804
13:27:45.517		81.1	1804
13:27:46.517		79.1	1808
13:27:47.517		77.7	1809
13:27:48.517		64.8	1804
13:27:49.517		64.4	1804
13:27:50.517		65.5	1797
13:27:51.517		61.6	1785
13:27:52.517		59	1777
13:27:53.517	154.4	66.7	1771
13:27:54.517	154.4	75.4	1769
13:27:55.517	154.4	85	1771
13:27:56.517	154.4	80.4	1774
13:27:57.517	154.4	60.3	1773
13:27:58.517	154.4	70.9	1769
13:27:59.517	154.4	83.7	1771
13:28:00.517	154.4	83	1775

68.29871	503.721533	377.956029	66.7	0.001084	0.00036	0.00023	25	3.4
63.80101	507.61708	390.612739	66.9	0.001071	0.00036	0.00021	25	3.4
47.42462	493.146184	397.239286	67.4	0.000703	0.00028	0.0001	25	3.4
21.22706	468.566624	379.4	68	0.000392	0.00019	0.00011	25	3.5
26.86285	443.987063	379.4	68.5	0.000297	0.00017	0.00006	25	3.5
23.82652	419.407503	378.959531	68.3	0.000207	0.00015	0.0001	25	3.6
18.89079	395.046478	385.074863	67.8	0.000168	0.00014	0.0001	25	3.6
28.89494	401.686189	378.662118	67.2	0.000175	0.00014	0.00011	25	3.6
26.25177	408.325899	379.177606	66.6	0.000258	0.00018	0.00017	25	3.7
38.66739	414.96561	378.6	66.2	0.000459	0.00024	0.00016	25	3.7
44.10088	421.60532	379.214984	65.8	0.000585	0.00026	0.0002	25	3.7
29.54917	424.462341	398.533076	65.6	0.000438	0.00019	0.00007	25	3.7
25.31074	418.820592	378.902839	65.7	0.000372	0.00018	0.0001	25	3.7
30.59641	413.178843	379.4	65.8	0.000372	0.00019	0.00011	25	3.8
28.13999	407.537094	379.4	65.6	0.000372	0.00018	0.00011	25	3.7
27.15026	401.895346	378.67873	65.4	0.000354	0.00017	0.00012	25	3.7
28.54507	404.385739	386.451101	65.2	0.000399	0.00018	0.00012	25	3.7
46.47457	422.315418	379.764655	65.1	0.000746	0.00031	0.00028	25	3.7
68.63288	440.245097	380.068017	64.9	0.001239	0.00045	0.00028	25	3.7
74.08427	458.174776	380.564912	65	0.001121	0.00041	0.00026	25	3.6
50.25418	476.104455	404.582313	65.6	0.000804	0.00031	0.00009	25	3.6
46.29829	477.515148	392.252799	66.4	0.000741	0.00028	0.0001	25	3.6
46.16551	473.879572	382.513099	67.1	0.00075	0.00028	0.00009	25	3.5
43.56073	470.243995	382.6	67.6	0.000696	0.00027	0.00005	25	3.6
39.77311	466.608418	382.6	67.9	0.000621	0.00024	0.00012	25	3.6
30.59593	463.169668	422.384156	68.1	0.000481	0.0002	0.00005	25	3.6
31.17263	460.891517	382.073548	68.4	0.000439	0.00019	0.00012	25	3.6
35.58181	458.613365	382.129697	68.4	0.000505	0.00021	0.00012	24.6	3.6
37.52	456.335214	382.556364	68.2	0.000582	0.00023	0.00015	24	3.6
40.1239	454.057062	388.212973	68.1	0.000661	0.00025	0.00015	24	3.6
42.83437	454.880504	400.957468	68.1	0.000724	0.00027	0.00013	24	3.6
44.83259	458.388908	382.6	68.2	0.000736	0.00027	0.00017	24	3.6
46.15772	461.897311	382.6	68.4	0.000759	0.00028	0.00011	24	3.6
50.77532	465.405714	382.6	68.6	0.000826	0.0003	0.00017	24	3.6
48.06104	468.914118	403.329561	68.8	0.000784	0.0003	0.00008	24	3.6
39.41696	468.394826	391.556298	69	0.000583	0.00023	0.00008	24	3.5
28.85599	466.712902	382.6	69.4	0.000443	0.00019	0.00009	24	3.5
34.65654	465.030977	382.6	69.6	0.000542	0.00023	0.00004	24	3.5
45.45694	463.349053	383.061131	69.5	0.000712	0.00026	0.00009	24	3.4
47.91795	461.741518	418.149111	69.4	0.000748	0.00027	0.00001	24	3.4
38.81924	461.001234	382.6	69.5	0.000594	0.00022	0.00004	24	3.4
34.56229	460.26095	382.6	69.7	0.000507	0.0002	0.00006	24	3.5
39.59492	459.520666	382.6	69.9	0.000599	0.00023	0.00014	24	3.5
43.03263	458.780382	382.6	69.9	0.000699	0.00026	0.00018	24	3.5
43.7944	458.435847	418.46402	69.7	0.000695	0.00026	0.00012	24	3.5
36.41023	459.52773	382.6	69.7	0.000565	0.00023	0.00013	24	3.6
40.81581	460.619613	382.6	69.9	0.00063	0.00025	0.00013	24	3.6
46.44545	461.711496	383.281865	69.9	0.000735	0.00028	0.00022	24	3.6
46.22861	462.803379	382.653895	69.7	0.000754	0.00028	0.00014	24	3.6
45.27902	461.011892	411.631259	69.9	0.000741	0.00028	0.00015	24	3.6
39.25846	454.138665	382.865966	70	0.000631	0.00025	0.00014	24	3.6
32.75627	447.265437	382.6	70	0.000473	0.0002	0.00008	24	3.6
29.32905	440.39221	382.3439	70.1	0.000427	0.00019	0.0001	24	3.6
26.63288	433.518983	393.939535	69.9	0.000405	0.00018	0.00009	24	3.6
30.23921	433.558	386.62523	69.6	0.000402	0.00018	0.00017	24	3.6
32.73529	435.558	382.6	69.3	0.000424	0.00019	0.00017	24	3.7
35.50804	437.558	382.259067	68.9	0.000525	0.00022	0.00017	24	3.6
44.43535	439.558	381.8	68.6	0.000676	0.00026	0.00016	24	3.6
43.78656	441.225824	409.009783	68.5	0.000685	0.00027	0.00013	24	3.7
36.4429	441.775275	382.6	68.5	0.000546	0.00023	0.00014	24	3.7
33.44398	442.324725	382.6	68.7	0.000465	0.00021	0.00006	24	3.7
43.25	442.874176	383.308014	68.7	0.000621	0.00026	0.00016	24	3.7
44.64722	443.423626	392.667961	68.6	0.000701	0.00028	0.00012	24	3.7

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222.544835	1	1.26186
191.759711	1	1.26205
160.974587	1	1.26223
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99.404339	1	1.26258
133.207898	1	1.26289
191.265528	1	1.26334
249.323159	1	1.26375
307.38079	1	1.26406
360.948276	1	1.26434
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263.247126	1	1.26489
214.396552	1	1.26513
165.545977	1	1.26533
137.181395	1	1.26552
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165.90623	1	1.26786
163.992558	1	1.26805
162.078886	1	1.26828
160.165214	1	1.26854
158.251542	1	1.26881
154.512325	1	1.26903
147.322514	1	1.26923
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132.942892	1	1.26972
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143.878801	1	1.27102
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139.652333	1	1.27155
122.236723	1	1.27175
104.821114	1	1.27194
87.405504	1	1.27212
71.545088	1	1.2723
80.943164	1	1.27249
90.34124	1	1.27271
99.739315	1	1.27297
109.137391	1	1.27324
118.723386	1	1.27347
128.44051	1	1.27368
138.157633	1	1.27394
147.874757	1	1.27422

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13:28:06.517	154.4	81.3	1823
13:28:07.517	154.4	80	1828
13:28:08.517	154.4	45	1832
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13:28:11.517	154.4	29.7	1799
13:28:12.517	154.4	37.7	1787
13:28:13.517		50.8	1768
13:28:14.517		49.1	1759
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13:28:17.517		81.4	1747
13:28:18.517		78	1746
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13:28:20.517	154.9	77.5	1752
13:28:21.517	155	70.6	1748
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13:28:23.517	155.1	82.9	1746
13:28:24.517	155.2	85.8	1746
13:28:25.517	155.2	83.3	1743
13:28:26.517	155.3	85.2	1743
13:28:27.517	155.3	86.1	1743
13:28:28.517	155.4	83.7	1739
13:28:29.517	155.5	80.8	1740
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13:28:31.517	155.6	77.8	1750
13:28:32.517	155.7	77.1	1760
13:28:33.517	155.7	78.2	1769
13:28:34.517	155.8	68	1773
13:28:35.517	155.9	82.3	1771
13:28:36.517	155.9	82.3	1778
13:28:37.517	156	81.3	1789
13:28:38.517	156.1	77.6	1816
13:28:39.517	156.1	69.9	1830
13:28:40.517		61.6	1842
13:28:41.517		54.8	1842
13:28:42.517		50.6	1838
13:28:43.517		47.5	1836
13:28:44.517		44.6	1836
13:28:45.517		43.9	1837
13:28:46.517		47.8	1838
13:28:47.517		55.2	1840
13:28:48.517	161.9	61.1	1845
13:28:49.517	162.6	64	1854
13:28:50.517	163.3	65.5	1858
13:28:51.517	164	65.7	1858
13:28:52.517	164.7	65.3	1855
13:28:53.517	165.4	73.1	1852
13:28:54.517	166.1	78.9	1850
13:28:55.517	166.8	80.3	1850
13:28:56.517	167.5	83.5	1850
13:28:57.517	168.3	80.3	1852
13:28:58.517	169	61.8	1854
13:28:59.517	169.7	69.4	1853
13:29:00.517	170.4	71.4	1849
13:29:01.517	171.1	72.4	1846
13:29:02.517	171.8	78.6	1843
13:29:03.517	172.5	81.6	1841

55.72835	447.683073	392.29723	68.5	0.000877	0.00032	0.00017	24	3.7
57.0849	453.696437	383.304408	68.7	0.000969	0.00035	0.00011	24	3.7
54.68448	459.7098	383.4	68.9	0.000932	0.00034	0.00011	24	3.7
45.96346	465.723163	383.4	69.3	0.000749	0.0003	0.0001	24	3.7
41.44485	469.436237	425.437971	69.8	0.000655	0.00026	0.00004	24	3.7
44.21213	463.27876	383.907537	70.2	0.000738	0.00028	0.00017	24	3.7
47.01259	457.121283	383.692744	70.3	0.000764	0.00029	0.00013	24	3.7
30.66211	450.963806	384.1	70.5	0.000526	0.00022	0.00013	24	3.7
27.813	444.806329	383.401587	70.8	0.000402	0.00019	0.00011	24	3.7
28.07716	434.916632	399.500575	70.8	0.000364	0.00018	0.00013	24	3.8
27.83545	421.690556	382.8651	70.5	0.000358	0.00018	0.00016	24	3.8
22.68308	408.46448	383.335467	70.1	0.000253	0.00015	0.00011	24	3.8
23.86	395.238404	382.6	69.7	0.000234	0.00016	0.00016	24	3.8
27.24456	382.012328	381.725668	69.1	0.000258	0.00017	0.00012	24	3.8
31.19971	386.104703	382.302941	68.4	0.000322	0.00019	0.00017	24	3.8
35.13563	396.218858	381.8	68	0.000444	0.00022	0.00017	24	3.8
41.34348	406.333014	381.8	67.8	0.000605	0.00026	0.00019	24	3.7
40.89404	416.447169	382.532461	67.6	0.000639	0.00026	0.00018	24	3.7
40.09044	424.27769	396.58717	67.6	0.000637	0.00025	0.00009	24	3.7
38.169	428.083465	382.6	67.7	0.00062	0.00025	0.00015	24	3.7
36.068	431.889239	381.915942	67.8	0.000575	0.00023	0.00013	24	3.7
36.47461	435.695013	381.983966	67.8	0.000555	0.00022	0.00018	24	3.7
41.49933	439.500787	394.417692	67.8	0.000669	0.00026	0.00017	24	3.7
51.13301	448.284764	387.219514	67.7	0.000827	0.0003	0.00017	24	3.7
60.96822	458.39206	381.8	67.6	0.00093	0.00033	0.00025	24	3.6
57.26218	468.499356	382.120623	67.4	0.000961	0.00034	0.00018	24	3.6
61.21725	478.606652	382.6	67.4	0.001005	0.00036	0.00027	24	3.6
59.68221	488.52533	432.346835	67.4	0.00104	0.00037	0.00012	24	3.7
64.02628	497.181718	382.339837	67.3	0.001167	0.00042	0.00019	24	3.7
74.66758	505.838106	382.241634	67.2	0.00131	0.00048	0.00019	24	3.7
75.4958	514.494493	382.583015	67.3	0.001307	0.0005	0.00019	24	3.7
76.36625	523.150881	390.507396	67.3	0.001223	0.00048	0.00021	24	3.8
61.89017	526.113823	413.83251	67.7	0.000993	0.0004	0.00011	24	3.8
47.2648	525.120302	381.094537	68.1	0.000735	0.00031	0.00013	24	3.8
42.60806	524.126782	380.9	68.5	0.000666	0.00028	0.00006	24	3.8
58.57889	523.133261	380.591249	68.6	0.001021	0.00038	0.00016	24	3.7
84.03727	522.139741	430.947678	68.6	0.001375	0.00051	0.00022	24	3.7
83.36757	512.774525	380.989367	68.7	0.00135	0.00054	0.00019	24	3.8
60.21096	503.060489	380.9	69.1	0.00086	0.00038	0.00017	24	3.8
36.21228	493.346453	380.9	70.1	0.000519	0.00025	0.00011	24	3.8
21.75285	483.632417	380.9	70.9	0.00039	0.00019	0.00011	24	3.8
27.65521	471.506932	415.281274	71.2	0.000348	0.00019	0.00004	24	3.9
28.01685	455.430236	379.817021	71.3	0.000319	0.00018	0.00011	24	3.9
28.20294	439.35354	379.4	71.2	0.000302	0.00018	0.00009	24	3.9
27.76736	423.276844	379.4	71.1	0.000282	0.00018	0.00009	24	3.9
27.57313	407.200147	381.236128	71.1	0.000277	0.00018	0.00015	24	3.9
31.26233	402.655548	383.16604	71.1	0.000342	0.00021	0.00018	24	3.9
33.33153	404.797015	379.4	71.1	0.000388	0.00021	0.0002	24	3.9
34.02289	406.938482	380.2	71.2	0.000422	0.00022	0.00015	24	3.8
33.19497	409.079948	379.86789	71.3	0.000437	0.00021	0.0002	24	3.8
33.45141	411.25768	391.497826	71.7	0.000448	0.00021	0.00017	24	3.8
32.59403	417.025664	380.266746	71.8	0.000456	0.00021	0.00017	24	3.8
35.66763	422.793649	380.9	71.9	0.000525	0.00024	0.00018	24	3.8
40.71129	428.561633	380.9	72.3	0.00062	0.00026	0.0002	24	3.8
43.84936	434.329618	381.735791	72.3	0.000693	0.00028	0.00026	24	3.8
47.51153	438.355188	401.951449	72	0.000782	0.0003	0.00016	24	3.7
51.75923	439.549906	383.037485	71.6	0.00085	0.00034	0.00022	24	3.8
43.82175	440.744624	383.4	71.6	0.000675	0.00029	0.00013	24	3.8
35.88897	441.939342	383.502457	71.7	0.000499	0.00022	0.00009	24	3.7
34.112	443.13406	392.063403	71.8	0.000512	0.00022	0.00014	24	3.8
36.38148	444.488742	397.235507	71.8	0.00055	0.00023	0.00014	24	3.8
39.38402	445.945695	384.9	71.7	0.000599	0.00024	0.00022	24	3.8
41.53599	447.402649	385.7	71.5	0.000668	0.00027	0.00017	24	3.8

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179.380077	1	1.27607
162.706285	1	1.27636
146.032493	1	1.27658
129.3587	1	1.27677
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110.187861	1	1.27744
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124.41853	1	1.27828
130.808307	1	1.27854
137.198083	1	1.27879
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126.170993	1	1.27949
121.450976	1	1.27975
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148.013357	1	1.28038
177.354281	1	1.28072
206.695205	1	1.28108
236.036129	1	1.28145
287.829374	1	1.28187
362.991361	1	1.28235
438.153348	1	1.28285
513.315335	1	1.28333
588.477322	1	1.28373
684.833513	1	1.28404
784.639923	1	1.28432
884.446333	1	1.2847
984.252743	1	1.28521
1019.391171	1	1.28575
812.714254	1	1.28613
606.037338	1	1.28638
399.360422	1	1.28657
192.683505	1	1.28676
122.280657	1	1.28694
122.707187	1	1.28712
123.133717	1	1.2873
123.560247	1	1.28748
123.986778	1	1.28769
119.660269	1	1.2879
115.181702	1	1.28812
110.703135	1	1.28833
106.224568	1	1.28854
102.454545	1	1.28875
100.506494	1	1.28899
98.558442	1	1.28925
96.61039	1	1.28953
94.662338	1	1.28983
94.552417	1	1.29017
95.389412	1	1.29046
96.226407	1	1.29068
97.063402	1	1.2909
97.900398	1	1.29113
99.169728	1	1.29137
100.497455	1	1.29164

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13:29:05.517	173.9	71.5	1841
13:29:06.517	174.6	70	1839
13:29:07.517	175.3	72.9	1838
13:29:08.517		72.2	1834
13:29:09.517		69.2	1830
13:29:10.517		77.7	1829
13:29:11.517		76.9	1829
13:29:12.517		76.9	1827
13:29:13.517		78.7	1828
13:29:14.517		79	1833
13:29:15.517		75.1	1832
13:29:16.517	171.3	64.4	1830
13:29:17.517	170.7	67	1824
13:29:18.517	170.1	71.5	1821
13:29:19.517	169.5	77.5	1819
13:29:20.517	168.9	77.8	1817
13:29:21.517	168.3	75.4	1821
13:29:22.517	167.7	79.2	1822
13:29:23.517	167.1	78.2	1821
13:29:24.517	166.6	78.4	1823
13:29:25.517	166	81.3	1826
13:29:26.517	165.4	81.4	1830
13:29:27.517	164.8	76.6	1834
13:29:28.517	164.2	73.3	1837
13:29:29.517	163.6	74.8	1840
13:29:30.517	163	78	1838
13:29:31.517	162.4	74.5	1839
13:29:32.517	161.8	75.2	1838
13:29:33.517	161.2	80.3	1838
13:29:34.517	160.6	80	1838
13:29:35.517	160.1	75.2	1839
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13:29:37.517		77.2	1844
13:29:38.517		79.1	1842
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13:29:41.517		79.4	1843
13:29:42.517		78.3	1844
13:29:43.517	157.3	74.8	1845
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13:29:45.517	156.6	75.3	1846
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13:29:55.517	153.3	78.3	1842
13:29:56.517	153	78.3	1844
13:29:57.517	152.6	78.8	1843
13:29:58.517	152.3	79.2	1844
13:29:59.517	152	77.4	1848
13:30:00.517	151.6	75.3	1848
13:30:01.517	151.3	73.7	1847
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13:30:05.517		77.7	1842
13:30:06.517		78.5	1843

42.57828	448.859603	385.7	71.3	0.000695	0.00027	0.0002	24	3.8
38.35431	449.999957	414.718081	71.3	0.000612	0.00025	0.00013	24	3.8
36.44859	447.499413	386.537217	71.3	0.000539	0.00023	0.00013	24	3.8
36.18342	444.998869	387.2	71.3	0.00054	0.00023	0.00014	24	3.8
36.60215	442.498326	387.2	71.2	0.000552	0.00023	0.00013	24	3.8
35.3066	439.997782	387.2	71.1	0.000558	0.00023	0.00017	24	3.8
39.78674	440.18881	402.088305	71	0.000617	0.00025	0.00016	24	3.8
40.26067	443.284048	387.2	70.9	0.000654	0.00026	0.00022	24	3.8
40.33009	446.379286	387.2	70.8	0.000643	0.00026	0.00014	24	3.8
40.53395	449.474524	387.2	70.8	0.00065	0.00026	0.00015	24	3.8
41.25461	452.569762	406.841975	70.8	0.000662	0.00027	0.00012	24	3.8
41.35213	449.428587	387.2	70.8	0.00064	0.00026	0.00009	24	3.8
36.08798	445.280605	387.094493	70.9	0.000544	0.00023	0.00013	24	3.8
33.43868	441.132623	386.801	71	0.000483	0.00022	0.00009	24	3.8
33.26784	436.984641	386.551147	71	0.000497	0.00022	0.00015	24	3.8
39.53578	436.01435	403.000064	70.9	0.00059	0.00025	0.00014	24	3.8
40.64225	439.790785	386.4	70.5	0.000645	0.00026	0.00019	24	3.8
40.74034	443.567221	385.826528	70.4	0.000657	0.00027	0.00016	24	3.8
41.93319	447.343656	385.7	70.4	0.000687	0.00028	0.00013	24	3.8
41.87087	451.120091	401.206379	70.4	0.000677	0.00027	0.00019	24	3.8
42.37165	453.743923	392.570466	70.4	0.000678	0.00027	0.00009	24	3.8
44.22903	456.017616	385.7	70.5	0.000703	0.00028	0.00017	24	3.8
46.92265	458.291309	385.483288	70.5	0.000774	0.0003	0.00008	24	3.8
47.14143	460.565002	384.9	70.7	0.00079	0.00031	0.00012	24	3.8
41.50129	462.59485	418.788734	70.8	0.000658	0.00027	0.00012	24	3.8
38.23365	460.871084	384.9	71	0.000582	0.00025	0.00009	24	3.8
38.81846	459.147317	384.9	71.1	0.000615	0.00025	0.00012	24	3.8
38.3583	457.423551	384.245925	71.1	0.000606	0.00025	0.00009	24	3.8
37.59556	455.699785	384.1	71.1	0.0006	0.00024	0.00015	24	3.8
41.3403	455.029006	405.616692	71.1	0.000685	0.00028	0.00011	24	3.8
45.45132	455.812355	384.1	71.1	0.000754	0.0003	0.00014	24	3.8
45.70433	456.595703	384.1	71.1	0.000743	0.0003	0.00013	24	3.8
42.24559	457.379051	384.1	71.1	0.000669	0.00028	0.00008	24	3.8
40.35563	458.162399	409.854386	71.2	0.000627	0.00026	0.00012	24	3.8
40.80561	459.15412	383.4	71.3	0.000639	0.00027	0.00007	24	3.9
41.13455	460.156347	383.4	71.3	0.000649	0.00027	0.00013	24	3.9
41.565	461.158575	382.731148	71.3	0.000659	0.00027	0.00009	24	3.9
42.64949	462.160802	385.901409	71.3	0.000688	0.00028	0.00013	24	3.9
43.55367	461.913282	405.204545	71.3	0.000694	0.00028	0.00011	24	3.9
41.81652	460.21043	383.4	71.3	0.000663	0.00027	0.00012	24	3.9
38.51478	458.507578	384.080683	71.3	0.000608	0.00026	0.00014	24	3.9
37.60334	456.804725	383.4	71.5	0.000589	0.00025	0.00007	24	3.9
38.49667	455.101873	399.542476	71.5	0.000594	0.00025	0.00014	24	3.9
39.83648	455.153309	387.640308	71.5	0.00064	0.00026	0.00009	24	3.9
41.05025	455.746645	383.4	71.3	0.000664	0.00027	0.00013	24	3.9
41.39523	456.339982	383.4	71.3	0.000668	0.00027	0.00012	24	3.8
40.76218	456.933318	382.661867	71.3	0.000671	0.00027	0.00003	24	3.8
41.90073	457.840484	410.042895	71.3	0.000671	0.00027	0.00004	24	3.8
41.87026	459.255363	383.776667	71.3	0.000677	0.00027	0.00001	24	3.8
43.0723	460.670242	384.1	71.3	0.000696	0.00028	0.0001	24	3.8
43.41441	462.085121	384.1	71.2	0.000712	0.00029	0.00007	24	3.8
44.26507	463.5	413.587781	71.2	0.000713	0.00029	0.00013	24	3.8
44.31526	464.495926	384.159687	71.2	0.000724	0.00029	0.00012	24	3.8
44.43501	465.491852	384.9	71.2	0.000726	0.00029	0.0001	24	3.8
45.30435	466.487777	384.9	71.2	0.000728	0.00029	0.00017	24	3.8
43.9032	467.483703	393.302893	71.2	0.000719	0.00029	0.0001	24	3.8
41.42558	466.837427	403.824638	71.3	0.00066	0.00027	0.00018	24	3.8
38.58643	465.011701	385.061158	71.5	0.000613	0.00025	0.0001	24	3.8
38.52491	463.185975	385.637436	71.5	0.000592	0.00024	0.00015	24	3.8
38.77005	461.360249	384.9	71.6	0.000613	0.00025	0.00013	24	3.8
39.74546	459.534523	401.61875	71.5	0.000643	0.00026	0.00014	24	3.8
41.22793	459.1	389.256618	71.5	0.000664	0.00026	0.00014	24	3.8
42.08703	459.1	385.696418	71.3	0.000676	0.00027	0.0001	24	3.8

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100.151706	1	1.29262
97.326233	1	1.29285
94.500761	1	1.29308
91.675288	1	1.29333
93.177636	1	1.29359
96.039181	1	1.29385
98.900726	1	1.29411
101.762272	1	1.29438
103.039436	1	1.29464
98.633179	1	1.29487
94.226922	1	1.29509
89.820665	1	1.29531
85.414408	1	1.29556
87.808024	1	1.29582
93.416307	1	1.29609
99.02459	1	1.29637
104.632873	1	1.29664
110.280313	1	1.29691
116.799218	1	1.29719
123.318123	1	1.29749
129.837027	1	1.2978
136.355932	1	1.29807
136.585072	1	1.29832
128.841471	1	1.29857
121.097871	1	1.29882
113.35427	1	1.29906
105.610669	1	1.29934
109.278827	1	1.29964
115.944012	1	1.29994
122.609198	1	1.30022
129.274383	1	1.30048
132.629513	1	1.30075
127.919937	1	1.30102
123.210361	1	1.30129
118.500785	1	1.30157
113.791209	1	1.30185
111.230164	1	1.30212
109.102957	1	1.30238
106.97575	1	1.30263
104.848543	1	1.30288
102.883062	1	1.30314
101.990404	1	1.30341
101.097746	1	1.30368
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99.31243	1	1.30422
100.484696	1	1.30449
102.768844	1	1.30477
105.052992	1	1.30506
107.33714	1	1.30535
110.171351	1	1.30564
114.477788	1	1.30593
118.784225	1	1.30622
123.090662	1	1.30651
127.397099	1	1.30678
122.530422	1	1.30703
116.170447	1	1.30727
109.810473	1	1.30752
103.450498	1	1.30778
98.092397	1	1.30804
98.738531	1	1.30831

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13:30:22.517	156	76.6	1845
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13:30:28.517	157.6	78.8	1844
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13:30:38.517	157.4	77.3	1843
13:30:39.517	157.4	75.3	1847
13:30:40.517	157.3	73.3	1849
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13:30:50.517	156.6	77.2	1844
13:30:51.517	156.6	76.9	1844
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13:31:06.517	155.6	13.2	1807
13:31:07.517	155.5	5.4	1783
13:31:08.517	155.4	1.7	1762
13:31:09.517	155.4	21.4	1742

41.86679	459.1	385.245525	71.3	0.00068	0.00027	0.00016	24	3.8
41.1864	459.1	386.110647	71.3	0.000672	0.00027	0.00012	24	3.8
41.43643	459.29816	420.859588	71.3	0.000667	0.00028	0.00017	24	3.9
43.26276	460.79937	386.114885	71.3	0.000694	0.00028	0.00014	24	3.9
43.85665	462.300581	386.27768	71.3	0.000725	0.00029	0.00013	24	3.9
45.29098	463.801792	386.4	71.2	0.000731	0.0003	0.00016	24	3.9
43.99503	465.2976	415.812802	71.2	0.000715	0.0003	0.00012	23.6	3.9
41.66774	464.0976	387.2	71.3	0.000666	0.00028	0.00014	23	3.9
39.6088	462.8976	387.2	71.5	0.000613	0.00026	0.00006	23	3.9
39.60188	461.6976	387.2	71.5	0.000607	0.00025	0.00012	23	3.9
39.51178	460.4976	387.2	71.5	0.000628	0.00026	0.00011	23	3.8
40.70138	459.526439	407.643951	71.5	0.000651	0.00026	0.00012	23	3.8
39.76216	458.782294	387.2	71.5	0.000655	0.00027	0.00016	23	3.8
40.15426	458.038148	387.95806	71.3	0.000643	0.00026	0.00006	23	3.9
39.10979	457.294003	387.2	71.5	0.000622	0.00026	0.00015	23	3.9
38.69871	456.549858	409.365	71.3	0.000614	0.00026	0.0001	23	3.9
38.24543	455.761199	388	71.5	0.000607	0.00025	0.00015	23	3.9
38.8497	454.969344	388	71.3	0.000613	0.00025	0.00011	23	3.9
38.83743	454.177489	388	71.3	0.000616	0.00026	0.00013	23	3.9
38.32133	453.385633	387.213661	71.3	0.000615	0.00025	0.00013	23	3.9
39.41278	453.103012	403.427827	71.3	0.000625	0.00026	0.00013	23	3.9
40.03328	453.303815	388	71.3	0.000638	0.00026	0.00016	23	3.9
39.93619	453.504618	388	71.3	0.000645	0.00027	0.00008	23	3.9
39.83043	453.705422	388	71.3	0.000643	0.00027	0.00014	23	3.9
39.91326	453.92955	413.97118	71.3	0.000637	0.00027	0.00009	23	4
40.47509	454.882775	388	71.3	0.000648	0.00027	0.00012	23	4
40.20018	455.836001	388	71.3	0.00065	0.00027	0.00018	23	4
40.43255	456.789226	388	71.3	0.000651	0.00027	0.0001	23	4
41.41916	457.742452	393.565369	71.3	0.00067	0.00028	0.00016	23	4
43.2376	458.006945	405.50329	71.3	0.000682	0.00028	0.0001	23	3.9
43.49793	457.635685	388.7	71.2	0.000706	0.00029	0.0002	23	3.9
43.03675	457.264425	388.7	71.2	0.0007	0.00029	0.00012	23	3.9
41.49614	456.893164	389.084353	71.3	0.000658	0.00027	0.00015	23	3.9
39.33381	456.521904	413.106644	71.3	0.000604	0.00025	0.00012	23	3.9
37.40333	455.133402	389.3825	71.5	0.000574	0.00024	0.0001	23	3.9
37.71575	453.68112	388.7	71.6	0.000583	0.00025	0.00015	23	3.9
38.34006	452.228838	388.7	71.6	0.000592	0.00025	0.00011	23	3.9
38.87612	450.776556	392.591797	71.5	0.000608	0.00025	0.00017	23	3.9
39.21099	451.122495	402.083443	71.5	0.000633	0.00026	0.00016	23	3.9
40.04914	452.652338	388.793307	71.3	0.00066	0.00027	0.00019	23	3.9
41.649	454.182181	388.97748	71.3	0.000673	0.00028	0.00019	23	4
42.06518	455.712023	389.6	71.3	0.00069	0.00029	0.00019	23	3.9
42.34695	457.241866	414.018108	71.3	0.000697	0.00029	0.00022	23	3.9
42.77931	457.705432	389.6	71.2	0.000688	0.00029	0.00015	23	3.9
42.05464	458.126879	389.6	71.2	0.000671	0.00028	0.00021	23	3.9
41.00458	458.548326	389.6	71.3	0.000656	0.00028	0.00016	23	3.9
40.97333	458.969773	398.60316	71.3	0.000648	0.00027	0.00016	23	3.9
40.95203	458.840226	400.992722	71.3	0.000656	0.00027	0.00019	23	3.8
40.95824	458.464286	389.6	71.3	0.00066	0.00027	0.00011	23	3.8
42.20666	458.088346	389.6	71.3	0.000677	0.00028	0.0001	23	3.8
41.08477	457.712406	389.6	71.3	0.000671	0.00027	0.00001	23	3.8
40.32187	457.336466	409.815241	71.3	0.000636	0.00026	0.00006	23	3.8
39.83658	456.466044	390.315456	71.3	0.000627	0.00026	0.00004	23.5	3.9
38.86383	455.542504	388.7	71.3	0.000613	0.00025	0.00013	23.5	3.9
37.7589	454.618965	388.7	71.3	0.000593	0.00025	0.00015	23.4	3.9
38.02667	453.695425	388.7	71.3	0.000604	0.00025	0.00014	24	3.9
38.74328	448.177727	417.342727	71.3	0.000606	0.00025	0.00017	23.6	3.9
34.77113	428.654354	388.7	71.3	0.000528	0.00022	0.00011	23	3.9
29.26574	409.130981	388.7	71.3	0.000417	0.0002	0.00017	23.4	3.9
22.46097	389.607608	388	71.2	0.000242	0.00016	0.00011	24	4
21.6071	370.084235	382.269279	70.8	0.000161	0.00016	0.00015	24	4.1
19.81195	377.029266	386.759474	70.1	0.000128	0.00021	0.00018	24	4.2
42.87064	387.481436	387.2	69.2	0.000103	0.00023	0.00015	24	4.2

99.384665	1	1.30858
100.030799	1	1.30885
100.676933	1	1.30913
102.896633	1	1.30941
106.6899	1	1.3097
110.483167	1	1.31
114.276434	1	1.3103
116.188759	1	1.31058
113.312016	1	1.31084
110.435273	1	1.31109
107.558531	1	1.31135
104.681788	1	1.31161
103.145002	1	1.31188
102.024429	1	1.31214
100.903855	1	1.3124
99.783281	1	1.31266
98.387104	1	1.31291
96.350905	1	1.31316
94.314706	1	1.31342
92.278507	1	1.31367
90.242308	1	1.31393
90	1	1.31419
90	1	1.31446
90	1	1.31473
90	1	1.315
90.338353	1	1.31527
91.224092	1	1.31554
92.109832	1	1.31581
92.995571	1	1.31609
93.881311	1	1.31637
97.11161	1	1.31666
100.704693	1	1.31695
104.297777	1	1.31722
107.89086	1	1.31747
108.35894	1	1.31771
104.38543	1	1.31796
100.411921	1	1.31821
96.438411	1	1.31846
92.464901	1	1.31872
92.969903	1	1.31899
94.068322	1	1.31927
95.16674	1	1.31956
96.265158	1	1.31985
97.906022	1	1.32014
100.643248	1	1.32042
103.380474	1	1.3207
106.117701	1	1.32097
108.854927	1	1.32124
108.403903	1	1.32151
107.774444	1	1.32179
107.144985	1	1.32206
106.515527	1	1.32232
105.573388	1	1.32258
103.216413	1	1.32283
100.859439	1	1.32308
98.502464	1	1.32333
96.14549	1	1.32358
88.267923	1	1.3238
75.170496	1	1.324
62.07307	1	1.32416
48.975643	1	1.32432
60.822086	1	1.32453
201.699159	1	1.32476

13:31:10.517	155.3	81.6	1731
13:31:11.517	155.2	84.1	1744
13:31:12.517	155.2	79.3	1764
13:31:13.517	155.1	77.4	1783
13:31:14.517	155.1	81	1796
13:31:15.517	155	81.6	1807
13:31:16.517	154.9	77.7	1815
13:31:17.517	154.9	75.4	1822
13:31:18.517	154.8	76.6	1825
13:31:19.517	154.7	78.4	1829
13:31:20.517	154.7	77.9	1831
13:31:21.517	154.6	74.3	1834
13:31:22.517	154.5	66.2	1834
13:31:23.517	154.5	45.3	1827
13:31:24.517		25.5	1812
13:31:25.517		29.7	1795
13:31:26.517		51.7	1779
13:31:27.517		59.1	1767
13:31:28.517		65.3	1760
13:31:29.517		70.7	1758
13:31:30.517		74.6	1758
13:31:31.517		76.7	1760
13:31:32.517		82.3	1760
13:31:33.517	155	85.3	1764
13:31:34.517	155	85.6	1769
13:31:35.517	155.1	84.8	1778
13:31:36.517	155.2	84	1789
13:31:37.517	155.2	84.4	1801
13:31:38.517	155.3	76.6	1811
13:31:39.517	155.4	74.2	1821
13:31:40.517	155.4	74.6	1826
13:31:41.517	155.5	76.1	1830
13:31:42.517	155.6	79.9	1833
13:31:43.517	155.6	80.2	1832
13:31:44.517	155.7	77.6	1834
13:31:45.517	155.7	77.3	1836
13:31:46.517	155.8	78.7	1836
13:31:47.517	155.9	7.3	1825
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13:31:49.517	156	0	1765
13:31:50.517	156.1	0	1735
13:31:51.517	156.1	3.5	1709
13:31:52.517	156.2	54.1	1697
13:31:53.517		93.1	1697
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13:31:57.517		76.6	1776
13:31:58.517		80.3	1794
13:31:59.517		82.8	1802
13:32:00.517	156.2	81.6	1809
13:32:01.517	156.2	78	1817
13:32:02.517	156.2	74.7	1825
13:32:03.517	156.2	74.6	1831
13:32:04.517	156.2	76	1834
13:32:05.517	156.2	76	1837
13:32:06.517	156.2	76.8	1839
13:32:07.517	156.2	75.3	1839
13:32:08.517	156.2	79.2	1838
13:32:09.517	156.2	79	1839
13:32:10.517	156.2	75.8	1841
13:32:11.517	156.2	75.4	1839
13:32:12.517	156.2	77.6	1841

52.0669	397.933606	387.2	68.4	0.000282	0.00036	0.00026	24	4.2
80.38491	408.385776	387.95903	67.5	0.000959	0.00049	0.00026	24	4
68.72545	420.691718	395.171053	66.9	0.001073	0.00045	0.00032	24	3.9
63.34627	434.989887	388.464471	67.3	0.001057	0.00042	0.00017	24	3.9
54.49424	449.288056	388.7	68.2	0.000908	0.00036	0.00018	24	3.9
51.24982	463.586225	388.7	69	0.000855	0.00035	0.00011	24	4
51.3193	477.884394	414.462207	69.5	0.000858	0.00035	0.00016	24	4
49.17657	477.772191	391.242438	70	0.000808	0.00034	0.00017	24	4
46.58424	475.951376	388	70.2	0.000745	0.00032	0.00011	24	4
44.82382	474.130561	388	70.2	0.000718	0.00031	0.00018	24	4
44.04717	472.309746	387.51366	70.5	0.000708	0.0003	0.00012	24	4
41.86544	469.398185	423.34	70.8	0.000657	0.00028	0.00015	24	3.9
36.54985	449.696306	387.2	70.9	0.000562	0.00024	0.00011	24	3.9
28.22227	429.994426	386.860209	71	0.000433	0.0002	0.00009	24	3.9
24.59195	410.292547	385.210078	71	0.000309	0.00018	0.00013	24	4
21.83694	390.590668	384.9	70.9	0.000205	0.00015	0.0001	24	4.1
25.30105	381.29531	383.479478	70.8	0.000191	0.00017	0.00015	24	4.1
30.03278	385.682602	384.9	70	0.000246	0.0002	0.00013	24	4.1
33.70617	390.069894	384.220261	67.8	0.000347	0.00021	0.0002	24	4
34.19596	394.457186	383.4	68.5	0.000437	0.00022	0.00017	24	3.9
35.90549	398.844478	387.030685	68.5	0.000506	0.00023	0.00015	24	3.8
36.46368	408.847727	384.625726	68.1	0.000529	0.00023	0.00019	24	3.8
37.2388	420.211364	383.357895	68	0.000576	0.00024	0.00013	24	3.8
43.05461	431.575	382.6	68	0.000694	0.00027	0.00022	24	3.8
48.64272	442.938636	382.6	68	0.000828	0.00031	0.00018	24	3.8
57.61685	454.302273	408.687758	68.1	0.000933	0.00035	0.00024	24	3.8
56.43951	457.530505	381.8	68.4	0.000934	0.00035	0.00018	24	3.8
54.02145	460.463671	381.8	68.7	0.000936	0.00036	0.00017	24	3.8
52.62276	463.396836	381.271064	69.2	0.0009	0.00035	0.00022	24	3.8
49.09634	466.330002	380.9	69.6	0.000797	0.00033	0.00011	24	3.9
45.19626	468.448855	423.356662	70	0.000701	0.0003	0.00016	24	3.9
41.51056	467.140811	380.9	70.4	0.000642	0.00027	0.00007	24	3.8
40.20971	465.832767	380.513636	70.7	0.000619	0.00026	0.00014	24	3.8
39.94918	464.524722	380.88871	70.8	0.000645	0.00026	0.00011	24	3.8
40.41394	463.216678	385.678516	70.9	0.000655	0.00026	0.00011	24	3.8
40.03279	450.08679	396.828618	71	0.000655	0.00026	0.00015	24	3.8
40.64747	429.23851	379.981741	71	0.000627	0.00026	0.0001	24	3.8
28.30694	408.39023	377.951447	71	0.000437	0.00021	0.00012	24	3.9
30.68836	387.54195	379.187088	71.1	0.00031	0.00026	0.0001	24	4
47.16173	366.69367	373.990405	70.8	0.000171	0.00031	0.00018	24	4.1
46.34769	367.312151	378.576866	69.8	0.000077	0.00031	0.00012	24	4.1
41.14847	371.252278	377.9	68.6	0.000043	0.00023	0.00009	24	4.1
31.94197	375.192406	377.460519	67.3	0.000093	0.00024	0.00009	24	4.2
57.0937	379.132534	377.1	66.2	0.000561	0.00038	0.00011	24	4.1
65.41703	389.096159	379.395929	65.6	0.000991	0.00045	0.00023	24	4.1
67.9621	411.684885	377.9	65.7	0.001136	0.00047	0.00007	24	4.1
72.20855	434.273612	377.9	66.3	0.001211	0.00051	0.00017	24	4.2
63.45065	456.862338	377.863011	67	0.001027	0.00044	0.00008	24	4.2
53.28507	479.451065	385.792896	67.9	0.00085	0.00037	0.00011	24	4.2
50.43761	488.591089	403.090929	68.7	0.000857	0.00036	0.00012	24	4.1
51.67039	485.94773	376.543735	69.3	0.000871	0.00036	0.00005	24	4.1
51.61114	483.30437	376.4	69.6	0.000868	0.00037	0.0001	24	4.2
49.47749	480.66101	376.151493	70	0.000808	0.00035	0	24	4.1
45.62724	478.017651	404.563194	70.3	0.000728	0.00032	0.00003	24	4.1
43.56957	475.106864	381.126154	70.5	0.000678	0.0003	0	24	4.1
41.2785	472.145895	374.653009	70.8	0.000642	0.00028	0.00004	24	4.1
39.21761	469.184926	373.601158	70.9	0.000607	0.00027	0.00009	24	4.1
36.99409	466.223957	373.2	71.1	0.000592	0.00026	0.00006	24	4.1
38.28634	463.965128	405.525926	71.2	0.000614	0.00027	0.00014	24	4.1
39.69342	462.83265	372.4	71.2	0.000663	0.00028	0.00007	24	4.1
40.40012	461.700171	371.849199	71.1	0.00067	0.00029	0.00017	24	4.1
40.44708	460.567692	371.6	71.1	0.000644	0.00028	0.00009	24	4.1
40.19674	459.435214	383.721815	71.2	0.000632	0.00028	0.00011	24	4.1

342.576233	0	1.32512
483.453306	0	1.32561
624.330379	0	1.32606
575.890798	0	1.32648
467.994344	0	1.32684
360.09789	0	1.32719
252.201436	1	1.32754
161.965408	1	1.32788
161.754482	1	1.3282
161.543556	1	1.32851
161.33263	1	1.32881
161.121704	1	1.32909
155.517174	1	1.32933
142.555412	1	1.32953
129.593649	1	1.32971
116.631886	1	1.32986
103.670123	1	1.33003
105.551592	1	1.33023
111.284076	1	1.33044
117.016561	1	1.33066
122.749045	1	1.33089
128.848485	1	1.33112
138.949495	1	1.33136
149.050505	1	1.33163
159.151515	1	1.33194
169.252525	1	1.33229
177.635144	1	1.33264
180.361082	1	1.333
183.08702	1	1.33335
185.812959	1	1.33368
188.538897	1	1.33398
182.20083	1	1.33425
165.392272	1	1.33451
148.583715	1	1.33477
131.775158	1	1.33503
114.966601	1	1.33529
92.50043	1	1.33555
69.284609	1	1.33576
46.068788	1	1.33602
22.852966	1	1.33633
22.749781	1	1.33664
99.58866	1	1.33687
176.427539	0	1.33711
253.266419	0	1.33749
330.105298	0	1.33794
333.9	0	1.33841
300.566667	0	1.33892
267.233333	0	1.33936
233.9	1	1.33973
200.566667	1	1.34009
195.134921	1	1.34045
193.046366	1	1.34082
190.957811	1	1.34117
188.869256	1	1.34149
185.185592	1	1.34179
167.905521	1	1.34207
150.625449	1	1.34234
133.345377	1	1.3426
116.065305	1	1.34287
108.611765	1	1.34315
106.472727	1	1.34344
104.33369	1	1.34372
102.194652	1	1.344

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13:32:21.517		77.3	1844
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13:32:31.517	159.8	1.1	1779
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13:32:34.517	160.7	0	1695
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13:32:40.517	162.6	82.2	1590
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13:32:49.517		57.9	1748
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13:32:53.517		80.8	1758
13:32:54.517		81.4	1769
13:32:55.517		83	1778
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13:32:57.517	174.6	83.5	1799
13:32:58.517	175.7	81.3	1806
13:32:59.517	176.7	78.4	1814
13:33:00.517	177.8	76.3	1819
13:33:01.517	178.9	77.2	1825
13:33:02.517	179.9	77.7	1828
13:33:03.517	181	79.8	1831
13:33:04.517	182	80.4	1834
13:33:05.517	183.1	79.9	1834
13:33:06.517	184.1	78.3	1835
13:33:07.517	185.2	76.9	1837
13:33:08.517	186.2	76.2	1842
13:33:09.517	187.3	76.5	1837
13:33:10.517	188.3	79	1842
13:33:11.517	189.4	77.7	1841
13:33:12.517	190.4	76.3	1840
13:33:13.517	191.5	72.2	1841
13:33:14.517	192.5	56.2	1836
13:33:15.517	193.6	41.3	1821

39.87338	459.1	384.314578	71.2	0.000634	0.00028	0.00011	24	4.1
39.8086	459.1	370.9	71.2	0.000638	0.00028	0.00011	24	4.1
39.03143	459.1	370.750256	71.2	0.000628	0.00027	0.00016	24	4.1
39.2015	459.1	370.1	71.3	0.000625	0.00027	0.00007	24	4.1
39.94907	459.1	402.212162	71.3	0.000649	0.00028	0.00015	24	4.1
40.83763	459.1	370.9	71.2	0.000663	0.00028	0.00012	24	4.1
41.10703	459.1	370.9	71.2	0.000664	0.00028	0.00014	24	4
41.66925	459.1	370.212941	71.2	0.000673	0.00028	0.00015	24	3.9
41.51903	459.1	375.169894	71.3	0.000664	0.00027	0.00011	24	3.9
39.74686	458.477881	393.082456	71.3	0.000646	0.00027	0.00017	24	3.9
39.24473	457.384525	371.6	71.3	0.000623	0.00026	0.00008	24	3.9
38.44677	456.291169	371.6	71.3	0.000613	0.00026	0.00015	24	3.9
38.10691	455.197813	371.892455	71.3	0.000605	0.00026	0.0001	24	4
38.27619	454.104458	394.325567	71.3	0.000598	0.00026	0.00013	24	4
37.62049	438.061896	379.262451	71.5	0.000586	0.00025	0.00011	24	4
32.64799	418.580833	373.2	71.3	0.000496	0.00023	0.00008	24	4.1
26.06932	399.09977	373.2	71.3	0.000388	0.00021	0.00013	24	4.1
23.29562	379.618707	373.2	71.2	0.000228	0.00018	0.0001	24	4.2
20.64121	360.088655	368.125745	70.7	0.000154	0.00021	0.00016	24	4.3
45.95716	339.166749	374.280857	69.9	0.000118	0.00033	0.00015	24	4.4
47.02353	318.244842	374.8	68.9	0.000059	0.00034	0.00016	24	4.5
46.55331	297.322936	374.8	67.9	0.000037	0.00034	0.00013	24	4.5
46.47565	276.401029	365.170896	67.1	0.000032	0.00034	0.00009	24	4.5
45.60227	272.291166	350.538212	65.8	0.000032	0.00033	0.00016	24	4.5
44.5235	281.125088	376.872128	64.5	0.000022	0.00023	0.00004	24	4.5
23.69134	289.959011	377.105333	63.2	0.000032	0.00017	0.00006	24	4.4
24.43998	298.792933	377.9	62.4	0.000136	0.00023	0.00007	24	4.4
44.07611	307.626855	363.227291	61.8	0.00041	0.0003	0.00014	24	4.2
52.31635	334.729847	369.249249	61.5	0.00078	0.00036	0.00009	24	4.2
58.99461	367.793304	380.075911	61.2	0.000965	0.0004	0.0001	24	4.2
49.2227	400.856761	380.2	62.3	0.000899	0.00037	0.00013	24	4.2
50.72605	433.920219	380.659109	62.6	0.000896	0.00036	0.00004	24	4.2
61.84654	460.861905	419.763961	63.3	0.0012	0.00046	0.00019	24	4.2
75.99999	460.654865	379.991489	63.9	0.00139	0.00055	0.0001	24	4.3
75.86128	460.447826	378.488961	64.5	0.001339	0.00059	0.00016	24	4.3
53.54229	460.240787	377.1	65.5	0.000865	0.00043	0.00008	24	4.3
32.17295	460.033747	375.734731	66.6	0.000429	0.00025	0.00003	24	4.3
29.39267	460.307678	405.223792	67.6	0.00031	0.00023	0.00008	24	4.4
38.64555	461.459309	374.1	67.9	0.000372	0.00028	0.00006	24	4.4
51.83917	462.61094	373.219853	67.6	0.000653	0.00035	0.00015	24	4.3
47.69427	463.762572	372.252476	67.3	0.000725	0.00034	0.00005	24	4.2
46.85643	464.914203	385.944722	67.6	0.000743	0.00033	0.00012	24	4.2
48.8984	467.951401	385.83886	68	0.000793	0.00035	0.00007	24	4.2
49.76732	471.93847	368.129968	68.4	0.000814	0.00035	0.00006	24	4.2
51.25499	475.925539	366.861029	68.8	0.000825	0.00036	0.00013	24	4.2
50.78502	479.912608	365.780108	69.2	0.000828	0.00036	0.00008	24	4.2
49.70541	483.759833	411.308517	69.5	0.000827	0.00036	0.00016	24	4.2
46.42474	482.153134	363.803956	69.9	0.00076	0.00034	0.00008	24	4.2
45.31966	480.546436	363.1	70.2	0.000709	0.00032	0.00014	24	4.2
43.34302	478.939737	363.07494	70.4	0.000684	0.00031	0.00011	24	4.2
43.05923	477.333039	375.559452	70.7	0.000691	0.00031	0.00014	24	4.2
43.15529	476.112817	381.524412	70.8	0.0007	0.00031	0.00017	24	4.2
44.72118	475.143867	362.229343	70.9	0.00073	0.00032	0.00014	24	4.2
44.43573	474.174917	361.6	70.9	0.000726	0.00032	0.00016	24	4.2
43.1072	473.205968	361.958378	71	0.00069	0.00031	0.00009	24	4.2
41.9622	472.234941	410.122802	71.1	0.000662	0.0003	0.00012	24	4.2
40.39576	471.234031	362.40712	71.1	0.000631	0.00028	0.00005	24	4.2
39.31802	470.233121	363.1	71.2	0.000616	0.00028	0.00005	24	4.2
40.18953	469.232211	363.1	71.2	0.000643	0.00029	0.00005	24	4.2
40.30948	468.231301	376.4447	71.2	0.000649	0.00029	0.00009	24	4.2
38.64974	456.94815	378.430781	71.3	0.000586	0.00027	0.00015	24	4.2
33.41654	440.577671	366.019721	71.3	0.000459	0.00023	0.00008	24	4.3
25.1002	424.207192	366.321293	71.3	0.000378	0.00021	0.00015	24	4.3

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38.456184	1	1.35079
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22.31102	391.466235	373.547188	70.7	0.000194	0.00017	0.00011	24	4.4
22.82535	381.817317	368.67388	70.1	0.000201	0.00018	0.00013	24	4.4
26.12649	373.033249	367.8	69.4	0.000239	0.00019	0.00012	24	4.4
26.35601	364.249182	367.8	68.9	0.00026	0.0002	0.00017	24	4.4
26.46301	355.465115	368.323294	68.5	0.000247	0.0002	0.00013	24	4.4
25.77163	346.281933	359.217632	67.9	0.000212	0.0002	0.00017	24	4.5
26.08867	334.057213	369.467619	67.3	0.000205	0.0002	0.00013	24	4.5
22.54651	321.832494	370.1	66.7	0.000176	0.00018	0.00012	24	4.5
17.59585	309.607775	370.1	66.2	0.000156	0.00021	0.00014	24	4.6
42.3959	297.383056	360.98	65.4	0.000127	0.00032	0.00013	24	4.7
43.07165	293.115709	358.329659	63.8	0.000052	0.00028	0.00016	24	4.7
21.29709	292.838995	372.214876	61.8	0.000021	0.00017	0.00006	24	4.7
19.33061	292.562282	372.482021	60.8	0.00004	0.00016	0.00008	24	4.7
22.30467	292.285568	373.2	60	0.000106	0.00017	0.00007	24	4.6
20.21578	292.008855	343.307692	59.5	0.000165	0.00017	0.00009	24	4.5
17.93451	293.157391	374.1	59.2	0.000158	0.00015	0.00009	24	4.5
34.8323	294.353043	374.1	58.7	0.000181	0.00022	0.00013	24	4.6
29.46205	295.548696	374.48972	58.1	0.000107	0.00022	0.00014	24	4.6
23.40184	296.744348	374.8	57.4	0.000154	0.00019	0.00007	24	4.6
24.57577	307.977778	347.990658	56.8	0.000247	0.00019	0.0001	24	4.5
35.92218	336.45	376.052846	56.7	0.000434	0.00025	0.00009	24	4.4
43.10458	364.922222	377.013529	56.6	0.000672	0.00032	0.00015	24	4.5
46.17119	393.394444	377.9	56.6	0.000838	0.00036	0.00021	24	4.5
50.31871	421.866667	384.983288	57	0.000951	0.00039	0.00016	24	4.5
49.44949	437.921712	390.324615	57.5	0.000924	0.0004	0.0002	24	4.5
39.69269	446.23618	379.4	58.2	0.000565	0.0003	0.00007	24	4.6
40.41	454.550648	379.4	58.8	0.000647	0.00033	0.00015	24	4.6
63.44992	462.865116	378.6	59.3	0.001001	0.00046	0.00022	24	4.6
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16.85138	431.203598	377.120426	60.6	0.000133	0.00015	0.00006	24	4.7
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25.67541	383.398929	375.6	59.6	0.000134	0.00021	0.0001	24	4.8
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46.91339	420.20333	368.910022	58.5	0.000764	0.00035	0.00022	24	4.4
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36.48277	494.865156	360.723623	63.3	0.000597	0.00028	0.00008	24	4.4
36.6231	490.811985	360	63.6	0.000586	0.00028	0.00005	24	4.4
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43.26671	488.754271	360	64.3	0.000705	0.00032	0.0001	24	4.4
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47.01267	494.826552	364.508965	65.7	0.000791	0.00035	0.00003	24	4.4
46.17869	495.040685	365.558725	66.2	0.000758	0.00034	0.00002	24	4.4
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13:35:00.517	190.8	86.4	1642
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13:35:02.517	190.7	80.4	1672
13:35:03.517	190.6	70.9	1678
13:35:04.517	190.6	76.4	1679
13:35:05.517	190.5	86.5	1683
13:35:06.517	190.4	82.6	1694
13:35:07.517		87.5	1699
13:35:08.517		86.3	1706
13:35:09.517		78.3	1716
13:35:10.517		76.8	1726
13:35:11.517		77.1	1731
13:35:12.517		60.9	1729
13:35:13.517		57.3	1723
13:35:14.517	191.4	63.2	1720
13:35:15.517	191.5	68.6	1712
13:35:16.517	191.7	71.5	1711
13:35:17.517	191.8	67.1	1710
13:35:18.517	191.9	62.1	1705
13:35:19.517	192	63.5	1700
13:35:20.517	192.2	63.2	1695
13:35:21.517	192.3	65.2	1688

47.8199	498.828116	379.430664	66.9	0.000807	0.00036	0.00006	24	4.4
49.88997	503.299747	370.119689	67.2	0.000901	0.00039	0.00009	24	4.4
63.13177	507.771377	371.381795	67.6	0.001054	0.00046	0.00008	24	4.4
61.42103	512.243008	373.345984	67.8	0.001011	0.00044	0.00004	24	4.4
51.86033	516.089536	434.687483	68.3	0.000918	0.00041	0.00011	24	4.4
48.94982	507.538206	375.946645	68.9	0.00084	0.00038	0.00004	24	4.4
46.04216	498.986876	377.706105	69.4	0.000764	0.00036	0.0001	24	4.4
45.77326	490.435546	379.302381	69.9	0.000647	0.00032	0.00003	24	4.5
32.41091	481.884216	380.181277	69.9	0.00047	0.00025	0.00007	24	4.5
22.67418	469.534124	407.550324	70.2	0.000279	0.00017	0.00004	24	4.5
22.05	453.370044	380.2	70.3	0.000213	0.00017	0.00006	24	4.5
29.74756	437.205965	380.2	69.4	0.000225	0.0002	0.0001	24	4.5
26.71004	421.041885	380.9	68.9	0.000257	0.0002	0.00007	24	4.5
27.83894	404.877805	389.771127	68.4	0.000299	0.00021	0.00012	24	4.5
28.32111	406.682794	381.8	68	0.000319	0.00021	0.00009	24	4.5
31.25825	408.68764	382.136399	67.7	0.000361	0.00022	0.00013	24	4.4
31.16247	410.692487	382.6	67.3	0.000404	0.00023	0.0001	24	4.4
31.47436	412.697334	383.789218	67.1	0.000434	0.00023	0.00011	24	4.4
30.37158	415.41959	392.399116	66.9	0.000437	0.00023	0.00009	24	4.4
29.92688	419.018679	383.964912	66.6	0.000446	0.00023	0.00008	24	4.4
34.94831	422.617768	384.9	66.5	0.000498	0.00025	0.00014	24	4.4
36.51	426.216856	385.303279	66.3	0.000566	0.00027	0.0001	24	4.3
36.81978	429.477358	404.121805	66.2	0.000601	0.00028	0.00014	24	4.3
36.941	427.433333	385.791102	66.1	0.000589	0.00028	0.00011	24	4.4
31.88538	425.389308	386.4	66.1	0.00051	0.00025	0.0001	24	4.4
29.94722	423.345283	387.2	66.2	0.000448	0.00023	0.00012	24	4.5
27.51588	421.301258	389.655781	66.2	0.00041	0.00022	0.0001	24	4.5
28.608	419.523345	396.005913	65.9	0.000402	0.00022	0.00015	24	4.5
30.88921	417.917006	387.2	65.7	0.000427	0.00022	0.00013	24	4.4
30.91405	416.310666	387.988436	65.5	0.000454	0.00023	0.00017	24	4.4
30.17683	414.704326	387.438095	65.2	0.000457	0.00023	0.00014	24	4.4
30.74	413.097987	395.849684	65.1	0.000459	0.00023	0.00013	24	4.4
31.41922	408.795202	388	65	0.000461	0.00024	0.00016	24	4.5
30.34	404.317249	388	64.8	0.00044	0.00023	0.00011	24	4.5
24.98145	399.839296	387.32948	64.7	0.000395	0.00021	0.00013	24	4.5
26.02232	395.361343	387.124966	64.6	0.000358	0.00021	0.00007	24	4.5
28.7755	396.984774	388.473785	64.1	0.00037	0.00022	0.00011	24	4.5
29.37548	403.363374	387.2	63.8	0.000397	0.00022	0.00009	24	4.5
32.95615	409.741975	387.2	63.4	0.000466	0.00024	0.00009	24	4.5
38.01965	416.120576	387.2	63.3	0.000587	0.00028	0.00013	24	4.4
40.57423	422.970103	403.779501	63.1	0.000671	0.00031	0.00008	24	4.4
48.70427	431.85363	387.2	63.2	0.000856	0.00038	0.00014	24	4.4
52.76983	440.737157	386.754404	63.3	0.000901	0.00039	0.00009	24	4.4
45.85021	449.620684	386.4	63.5	0.000867	0.00038	0.00011	24	4.4
40.99512	458.504211	392.139385	64	0.000725	0.00034	0.00004	24	4.4
38.11726	463.921734	401.444987	64.4	0.000577	0.00029	0.00004	24	4.4
39.80641	467.294919	385.7	64.8	0.000635	0.0003	0.00009	24	4.4
43.96003	470.668104	384.9	64.9	0.000707	0.00032	0.00004	24	4.4
49.69078	474.041289	384.145263	65	0.000817	0.00036	0.00011	24	4.4
51.45253	477.414475	416.691566	65.2	0.000854	0.00037	0.00003	24	4.4
48.23542	472.857755	382.6	65.5	0.000833	0.00037	0.00012	24	4.4
44.91579	467.839507	382.136399	65.8	0.000725	0.00035	0.00005	24	4.4
44.20708	462.821259	381.8	66.3	0.000659	0.00032	0.00007	24	4.4
30.91186	457.803011	387.438356	66.6	0.000462	0.00024	0.00007	24	4.4
24.49963	452.611266	395.778971	67	0.000399	0.00022	0.00003	24	4.5
28.6906	447.283755	379.581505	67.1	0.00039	0.00022	0.0001	24	4.5
31.98633	441.956245	378.6	66.7	0.000415	0.00023	0.00006	24	4.5
32.11719	436.628734	378.280292	66.5	0.000442	0.00024	0.00011	24	4.5
28.84722	431.301223	397.300228	66.3	0.00044	0.00023	0.00007	24	4.5
28.89679	426.804729	377.791071	66.3	0.000422	0.00022	0.0001	24	4.5
29.22812	422.324331	376.603553	66.2	0.000413	0.00022	0.00011	24	4.5
28.88848	417.843933	376.686812	66.1	0.00041	0.00022	0.00007	24	4.5
28.94273	413.363535	375.832742	65.8	0.000412	0.00022	0.00007	24	4.5

204.564815	1	1.38091
213.824074	1	1.3813
223.083333	1	1.38176
232.342593	1	1.3822
241.601852	1	1.38261
235.404182	1	1.38299
207.596465	1	1.38335
179.788748	1	1.38367
151.98103	1	1.38392
124.173313	1	1.38409
119.760181	1	1.38426
122.022624	1	1.38446
124.285068	1	1.38466
126.547511	1	1.38487
125.801754	1	1.38508
119.661404	1	1.3853
113.521053	1	1.38553
107.380702	1	1.38576
101.240351	1	1.38599
99.290667	1	1.38622
98.401778	1	1.38647
97.512889	1	1.38674
96.624	1	1.38702
95.058452	1	1.3873
91.898894	1	1.38755
88.739336	1	1.38778
85.579779	1	1.388
82.420221	1	1.38822
81.430355	1	1.38844
80.773325	1	1.38867
80.116294	1	1.3889
79.459264	1	1.38913
79.687215	1	1.38937
81.97032	1	1.3896
84.253425	1	1.38981
86.53653	1	1.39002
88.819635	1	1.39024
94.779471	1	1.39046
101.054684	1	1.3907
107.329897	1	1.39098
113.60511	1	1.39129
128.653316	1	1.39167
154.041803	1	1.39206
179.430291	1	1.39244
204.818779	1	1.39278
230.207266	1	1.39307
228.64114	1	1.39337
223.743544	1	1.39369
218.845948	1	1.39405
213.948353	1	1.39442
204.411186	1	1.39479
187.856376	1	1.39514
171.301566	1	1.39546
154.746756	1	1.3957
138.191946	1	1.39592
130.835869	1	1.39614
124.193486	1	1.39637
117.551103	1	1.39661
110.908721	1	1.39684
104.544008	1	1.39706
98.965496	1	1.39728
93.386983	1	1.3975
87.808471	1	1.39772

13:35:22.517	192.4	65.5	1685
13:35:23.517	192.6	65.2	1682
13:35:24.517	192.7	66.6	1678
13:35:25.517	192.8	73.8	1676
13:35:26.517	193	79.4	1675
13:35:27.517	193.1	80.3	1673
13:35:28.517	193.2	78.4	1674
13:35:29.517	193.3	78.6	1674
13:35:30.517	193.5	82.5	1674
13:35:31.517	193.6	81.9	1677
13:35:32.517	193.7	80.6	1678
13:35:33.517	193.9	77	1679
13:35:34.517	194	76.7	1680
13:35:35.517		77.8	1682
13:35:36.517		79.4	1681
13:35:37.517		79.8	1682
13:35:38.517		79.2	1687
13:35:39.517		75.9	1686
13:35:40.517		69.1	1684
13:35:41.517		74.6	1681
13:35:42.517	194	76	1679
13:35:43.517	194	75.2	1681
13:35:44.517	194	77.1	1679
13:35:45.517	194	79.2	1679
13:35:46.517	194	80.6	1682
13:35:47.517	194	86.3	1687
13:35:48.517	194	83.4	1696
13:35:49.517	194	79.9	1703
13:35:50.517	194	75.9	1709
13:35:51.517	194	71.3	1713
13:35:52.517	194	78	1713
13:35:53.517	194	80.6	1712
13:35:54.517	194	79	1717
13:35:55.517	194	70.1	1721
13:35:56.517	194	62.2	1718
13:35:57.517	194	65.5	1711
13:35:58.517	194	65.9	1707
13:35:59.517	194	64.2	1702
13:36:00.517	194	65.3	1696
13:36:01.517	194	65.1	1693
13:36:02.517		64.3	1687
13:36:03.517		58	1678
13:36:04.517		50.6	1670
13:36:05.517		56.5	1663
13:36:06.517		65.2	1656
13:36:07.517		66.2	1649
13:36:08.517		78.5	1647
13:36:09.517		83.5	1649
13:36:10.517	194	86.9	1655
13:36:11.517	194	82.7	1667
13:36:12.517	194	78.3	1682
13:36:13.517	194	79.2	1699
13:36:14.517	194	64.7	1713
13:36:15.517	194	60.5	1716
13:36:16.517	194	68.6	1714
13:36:17.517	194	74.3	1715
13:36:18.517	194	71.5	1712
13:36:19.517	194	73.9	1712
13:36:20.517	194	84.1	1717
13:36:21.517	194	83.6	1724
13:36:22.517	194	84.1	1737
13:36:23.517	194	82.8	1749
13:36:24.517	194	83.6	1762

28.60092	409.913861	392.576454	65.6	0.000409	0.00022	0.00002	24	4.5
29.44087	411.87549	374.992174	65.4	0.000408	0.00022	0.00006	24	4.5
29.73163	413.83712	375.234598	65.2	0.000424	0.00023	0.00003	24	4.5
32.66588	415.79875	374.8	65.1	0.00047	0.00024	0.00009	24	4.4
34.81805	417.760379	374.107527	65	0.000519	0.00026	0.00011	24	4.4
39.21848	422.617205	384.779136	64.9	0.000589	0.00028	0.0001	24	4.4
40.98381	430.135832	373.501176	64.8	0.000654	0.00031	0.00015	24	4.5
40.34373	437.654459	374.1	64.7	0.000666	0.00031	0.0001	24	4.5
43.71393	445.173086	374.1	64.7	0.000693	0.00032	0.00016	24	4.5
45.71137	452.190613	408.347059	64.8	0.000758	0.00035	0.00009	24	4.5
44.92899	454.262495	374.1	64.8	0.000767	0.00035	0.00014	24	4.5
44.33667	456.334376	374.1	64.8	0.000746	0.00035	0.00011	24	4.5
42.49071	458.406258	374.580789	64.9	0.000685	0.00033	0.00008	24	4.5
40.68409	460.47814	374.158123	65	0.000646	0.00031	0.00017	24	4.5
41.72166	461.513708	407.117481	65.1	0.000658	0.00032	0.00012	24	4.6
41.93631	460.722847	374.8	65	0.000679	0.00033	0.00016	24	4.6
41.90688	459.931986	374.8	65	0.000682	0.00033	0.00011	24	4.6
40.34802	459.141125	374.8	65	0.000653	0.00032	0.00016	24	4.6
33.69968	458.350264	388.841932	65.1	0.000546	0.00027	0.00011	24	4.5
32.57195	457.038182	381.21545	65.2	0.0005	0.00026	0.0001	24	4.5
33.40335	455.603838	374.8	65.1	0.000514	0.00025	0.00015	24	4.5
34.14135	454.169495	374.659825	65.1	0.000541	0.00026	0.00012	24	4.5
34.73154	452.735152	374.1	65	0.000553	0.00026	0.00019	24	4.5
36.16317	451.300808	396.527184	65	0.000581	0.00028	0.00013	24	4.5
37.80407	455.033632	374.114878	64.9	0.000638	0.0003	0.00014	24	4.5
46.91651	459.607623	374.718316	65	0.000744	0.00034	0.00014	24	4.5
46.55201	464.181614	374.1	65	0.000792	0.00036	0.00013	24	4.6
47.25498	468.755605	374.1	65.2	0.000797	0.00038	0.00018	24	4.6
43.22162	470.719339	407.533938	65.5	0.000718	0.00035	0.00009	24	4.6
38.00805	468.767687	374.1	65.8	0.000594	0.00031	0.00014	24	4.6
34.52315	466.816035	374.1	66.2	0.000523	0.00027	0.00008	24	4.6
35.1876	464.864382	374.195283	66.3	0.000545	0.00027	0.00011	24	4.6
37.15906	462.91273	399.218721	66.3	0.00059	0.00028	0.00012	24	4.5
35.56444	455.982372	374.1	66.4	0.000562	0.00027	0.00012	24	4.5
30.18173	448.442947	374.1	66.5	0.000479	0.00024	0.00014	24	4.5
29.30474	440.903521	374.1	66.6	0.000434	0.00023	0.00012	24	4.5
29.71057	433.364096	374.1	66.5	0.000421	0.00023	0.00016	24	4.5
28.98036	426.630763	396.737946	66.3	0.000412	0.00023	0.00013	24	4.6
29.74302	422.168024	373.616577	66.2	0.00041	0.00023	0.00017	24	4.6
28.79154	417.705286	373.437885	65.9	0.000415	0.00023	0.00016	24	4.6
29.13255	413.242548	373.2	65.6	0.000413	0.00023	0.00017	24	4.6
25.24352	408.779809	378.442991	65.4	0.000396	0.00022	0.00017	24	4.6
25.57522	405.736231	376.120962	65.2	0.000366	0.00021	0.00013	24	4.6
27.46933	403.470335	373.2	65	0.000355	0.00022	0.00018	24	4.6
29.8271	401.204439	373.2	64.8	0.000378	0.00023	0.00012	24	4.6
30.07468	398.938543	373.897524	64.4	0.000402	0.00023	0.00016	24	4.6
37.663	402.918224	382.788348	64.1	0.000531	0.00028	0.00012	24	4.5
43.23935	420.108951	373.2	63.9	0.00066	0.00032	0.00016	24	4.5
47.70664	437.299679	374.076347	63.6	0.000799	0.00036	0.00016	24	4.5
59.66348	454.490406	375.013546	63.8	0.000976	0.00043	0.00011	24	4.5
62.05227	471.681134	409.078825	64	0.001078	0.00046	0.00022	24	4.4
67.47433	469.155007	376.415054	64.4	0.001123	0.00049	0.00011	24	4.4
60.32343	465.892567	377.1	65	0.000934	0.00045	0.0002	24	4.4
32.16012	462.630126	377.1	65.7	0.000445	0.00025	0.00009	24	4.5
29.24923	459.367685	377.1	66.3	0.000411	0.00025	0.00013	24	4.5
36.74376	457.029469	415.013697	66.5	0.000507	0.00027	0.00015	24	4.4
35.24363	461.405247	377.1	66.4	0.000498	0.00025	0.0001	24	4.4
33.46564	465.781024	377.1	66.3	0.00052	0.00025	0.00014	24	4.4
42.83157	470.156802	377.1	66.4	0.000693	0.00032	0.00015	24	4.4
55.74841	474.53258	377.1	66.3	0.000891	0.00039	0.00026	24	4.4
55.36687	479.072208	418.727086	66.3	0.00095	0.00041	0.00016	24	4.4
55.42263	483.995983	377.9	66.6	0.00096	0.00041	0.00014	24	4.4
55.45483	488.919757	377.9	67.1	0.000945	0.00041	0.00014	24	4.4

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83.077025	1	1.39839
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104.573951	1	1.39948
118.701987	1	1.39979
132.830022	1	1.40011
146.958057	1	1.40046
161.098288	1	1.40081
175.260199	1	1.40116
189.422109	1	1.40149
203.58402	1	1.4018
217.745931	1	1.40212
215.116755	1	1.40245
202.583773	1	1.40278
190.050792	1	1.4031
177.51781	1	1.40337
165.066859	1	1.40363
153.546595	1	1.40388
142.026332	1	1.40414
130.506069	1	1.4044
118.985805	1	1.40468
113.39207	1	1.40498
128.810573	1	1.40532
144.229075	1	1.40568
159.647577	1	1.40606
175.066079	1	1.40641
170.831461	1	1.40672
157.348315	1	1.40699
143.865169	1	1.40726
130.382022	1	1.40754
118.049576	1	1.40781
109.569472	1	1.40805
101.089367	1	1.40828
92.609263	1	1.40851
84.129159	1	1.40874
80.025375	1	1.40897
78.480803	1	1.4092
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75.391659	1	1.40965
74.874123	1	1.40986
83.703645	1	1.41008
92.533167	1	1.41031
101.36269	1	1.41054
110.192212	1	1.41082
150.225067	1	1.41114
204.807278	1	1.4115
259.389488	1	1.41193
313.971698	1	1.41239
345.631346	1	1.41288
300.550242	1	1.41333
255.469138	1	1.41358
210.388035	1	1.41383
165.306931	1	1.4141
153.893162	1	1.41435
178.516687	1	1.4146
203.140212	1	1.41492
227.763736	1	1.41531
252.387261	1	1.41572
254.886769	1	1.41613
240.628014	1	1.41654

13:36:25.517	194	83.5	1777
13:36:26.517	194	82.7	1787
13:36:27.517	194	84.3	1796
13:36:28.517	194	82	1806
13:36:29.517	194	82.9	1816
13:36:30.517		75.2	1824
13:36:31.517		75.6	1830
13:36:32.517		80.4	1836
13:36:33.517		81	1836
13:36:34.517		85.8	1841
13:36:35.517		85.8	1846
13:36:36.517		80.2	1853
13:36:37.517	192.5	70.4	1861
13:36:38.517	192.3	11.8	1858
13:36:39.517	192.1	30.5	1840
13:36:40.517	191.9	60.6	1831
13:36:41.517	191.7	72.4	1824
13:36:42.517	191.5	55.2	1817
13:36:43.517	191.3	67.4	1813
13:36:44.517	191.1	73.4	1808
13:36:45.517	190.9	68.5	1806
13:36:46.517	190.7	61.8	1799
13:36:47.517	190.5	65.5	1796
13:36:48.517	190.3	95.9	1798
13:36:49.517	190.1	72.4	1798
13:36:50.517	189.9	62.8	1791
13:36:51.517	189.7	50.8	1783
13:36:52.517	189.5	52.9	1771
13:36:53.517	189.3	30.9	1757
13:36:54.517	189.1	12.6	1738
13:36:55.517	189	20.7	1718
13:36:56.517	188.8	20.6	1701
13:36:57.517		5.7	1679
13:36:58.517		23.8	1663
13:36:59.517		34.7	1646
13:37:00.517		42.8	1635
13:37:01.517		70	1623
13:37:02.517		71.9	1620
13:37:03.517		72.9	1615
13:37:04.517		76.4	1617
13:37:05.517	189.7	80.8	1621
13:37:06.517	189.8	75.3	1628
13:37:07.517	189.9	70.1	1628
13:37:08.517	190	73.3	1628
13:37:09.517	190.2	74.5	1628
13:37:10.517	190.3	64	1628
13:37:11.517	190.4	77.4	1629
13:37:12.517	190.5	81.8	1633
13:37:13.517	190.7	81.3	1639
13:37:14.517	190.8	61.7	1644
13:37:15.517	190.9	66.8	1644
13:37:16.517	191.1	68	1643
13:37:17.517	191.2	72.6	1638
13:37:18.517	191.3	78.4	1640
13:37:19.517	191.4	80.8	1639
13:37:20.517	191.6	77.9	1642
13:37:21.517	191.7	77.7	1647
13:37:22.517	191.8	80.3	1652
13:37:23.517	192	80.9	1657
13:37:24.517	192.1	73.4	1663
13:37:25.517		75.1	1664
13:37:26.517		78.9	1668
13:37:27.517		80	1672

56.25304	493.843531	377.9	67.6	0.000922	0.0004	0.0001	24	4.4
53.63434	498.767305	380.4544	68.2	0.000909	0.0004	0.00022	24	4.4
53.77312	500.959432	414.199559	68.6	0.00091	0.0004	0.0001	24	4.4
55.63004	499.744671	377.9	69	0.000908	0.0004	0.00015	24	4.4
53.37467	498.529911	377.9	69.4	0.000904	0.0004	0.00005	24	4.4
51.62129	497.31515	377.9	69.8	0.000899	0.00041	0.00005	24	4.4
43.16608	496.323504	429.65625	70.2	0.000697	0.00034	0.00004	24	4.4
39.12418	497.829656	377.9	70.5	0.000636	0.00031	0.00002	24	4.4
44.01789	499.335808	377.9	70.9	0.000701	0.00032	0.00011	24	4.4
45.9604	500.84196	377.9	70.9	0.000761	0.00034	0.00008	24	4.4
52.74565	502.348112	377.9	71	0.00088	0.00038	0.0002	24	4.4
53.05575	496.380008	423.55201	71.2	0.00091	0.00041	0.00011	24	4.4
48.90059	477.575684	378.6	71.5	0.000793	0.00039	0.00011	24	4.4
31.26352	458.771359	378.075256	71.7	0.000417	0.00026	0.00008	24	4.5
29.21285	439.967034	377.9	72	0.000252	0.00024	0.00008	24	4.7
29.83956	421.162709	383.346463	72.1	0.000197	0.00023	0.00014	24	4.6
36.21581	416.259692	382.787872	71.4	0.000327	0.00025	0.00008	24	4.5
31.99217	418.809143	377.9	70.9	0.0004	0.00025	0.00014	24	4.5
30.81389	421.358593	377.9	70.7	0.0004	0.00023	0.00007	24	4.4
35.5272	423.908044	378.282285	70.4	0.000446	0.00025	0.00013	24	4.4
35.40524	426.674261	399.839856	70.2	0.000457	0.00025	0.00013	24	4.4
31.98064	431.369913	378.047967	70.1	0.000439	0.00024	0.0001	24	4.4
32.92711	436.065565	378.6	70	0.000488	0.00026	0.00014	24	4.4
51.78214	440.761217	378.6	69.7	0.000683	0.00034	0.00011	24	4.5
42.70523	445.45687	379.383656	69.6	0.000644	0.00032	0.00019	24	4.5
32.76	440.312912	398.974136	69.5	0.000493	0.00026	0.0001	24	4.5
27.94448	425.368626	380.2	69.6	0.000381	0.00023	0.00009	24	4.6
26.00617	410.424339	380.2	69.5	0.000325	0.00021	0.0001	24	4.6
26.07718	395.480052	380.2	69.2	0.000303	0.00021	0.00011	24	4.6
22.13024	380.535766	379.950558	68.7	0.000215	0.00018	0.00012	24	4.7
25.74952	364.174636	380.802436	68.1	0.000159	0.0002	0.0001	24	4.8
22.6544	347.696968	380.2	67.5	0.000102	0.00018	0.00012	24	4.8
19.20893	331.219301	380.2	66.5	0.000095	0.00018	0.0001	24	4.8
20.29359	314.741634	375.437383	66	0.00008	0.00018	0.00009	24	4.9
19.87961	313.657557	365.02533	65.1	0.000075	0.00016	0.00008	24	4.9
20.12428	322.708232	380.2	64.3	0.000105	0.00018	0.00009	24	4.9
32.07104	331.758907	379.438095	63.7	0.000191	0.00022	0.00011	24	4.8
32.12151	340.809582	380.2	63.2	0.000308	0.00024	0.00009	24	4.8
32.93545	350.180817	366.83949	62.8	0.000426	0.00026	0.00016	24	4.7
33.63464	363.047682	380.9	62.6	0.000497	0.00027	0.00009	24	4.6
37.8986	375.914547	381.266537	62.5	0.0006	0.0003	0.00012	24	4.6
36.60518	388.781412	381.8	62.5	0.000593	0.00029	0.0001	24	4.6
32.42688	401.648277	382.544828	62.6	0.000533	0.00027	0.00008	24	4.6
32.20114	411.051441	392.419321	62.8	0.00051	0.00026	0.00011	24	4.6
32.05454	414.851023	382.96726	62.9	0.000492	0.00025	0.00004	24	4.6
28.95879	418.650605	383.220759	62.9	0.000477	0.00024	0.00012	24	4.6
34.25421	422.450188	383.383229	62.9	0.000504	0.00026	0.00008	24	4.6
42.58591	426.24977	384.990551	62.9	0.000651	0.00031	0.00012	24	4.6
44.13977	426.528677	393.473004	62.9	0.000725	0.00034	0.00012	24	4.6
36.1756	424.381171	383.4	63.1	0.000618	0.0003	0.00007	24	4.6
29.9731	422.233666	383.4	63.4	0.000471	0.00025	0.00009	24	4.7
26.84587	420.086161	383.081686	63.6	0.00041	0.00023	0.00006	24	4.7
27.71085	417.938655	395.710739	63.6	0.00041	0.00022	0.0001	24	4.6
33.79298	421.702638	381.90383	63.6	0.00049	0.00024	0.00009	24	4.5
38.27125	425.574979	382.413333	63.4	0.000602	0.00028	0.00014	24	4.4
38.97477	429.447319	381.340863	63.4	0.000641	0.0003	0.00011	24	4.4
38.47243	433.31966	380.9	63.4	0.000631	0.0003	0.00008	24	4.4
39.87117	436.771702	403.911154	63.5	0.000636	0.0003	0.00009	24	4.4
41.28834	439.153624	379.4	63.8	0.000669	0.00031	0.00007	24	4.4
38.33216	441.535546	379.4	63.9	0.000651	0.0003	0.00009	24	4.4
36.53929	443.917467	378.131225	64.1	0.000583	0.00028	0.00004	24	4.5
36.41223	446.299389	377.14771	64.3	0.000603	0.00029	0.0001	24	4.5
49.20667	449.685399	402.008008	64.4	0.000787	0.00036	0.00007	24	4.5

226.36926	1	1.41694
212.110505	1	1.41734
197.851751	1	1.41774
194.820184	1	1.41814
194.595415	1	1.41854
194.370645	1	1.41895
194.145875	1	1.41929
191.688337	1	1.4196
185.102401	1	1.41992
178.516465	1	1.42026
171.930529	1	1.42064
165.344593	1	1.42105
165.368159	1	1.42144
169.045425	1	1.4217
172.722691	1	1.42194
176.399957	1	1.42217
179.723863	1	1.42242
166.574477	1	1.42267
153.425092	1	1.4229
140.275706	1	1.42315
127.12632	1	1.4234
120.91	1	1.42364
125.91	1	1.4239
130.91	1	1.42424
135.91	1	1.42456
140.91	1	1.42482
125.239116	1	1.42505
103.80576	1	1.42526
82.372405	1	1.42547
60.939049	1	1.42565
51.075147	1	1.42585
67.824808	1	1.42603
84.574468	1	1.42621
101.324129	1	1.42639
118.073789	1	1.42655
119.414295	1	1.42673
118.752482	1	1.42695
118.090668	1	1.42719
117.428855	1	1.42745
118.351536	1	1.42772
122.191126	1	1.42802
126.030717	1	1.42831
129.870307	1	1.42858
133.709898	1	1.42884
135.689226	1	1.42909
136.727216	1	1.42933
137.765207	1	1.42959
138.803197	1	1.4299
139.841187	1	1.43024
129.515473	1	1.43054
117.137047	1	1.43079
104.758621	1	1.43102
92.380195	1	1.43124
88.062893	1	1.43148
100.641509	1	1.43176
113.220126	1	1.43206
125.798742	1	1.43236
138.377358	1	1.43266
145.464751	1	1.43297
148.113488	1	1.43327
150.762225	1	1.43355
153.410962	1	1.43384
156.059698	1	1.4342

13:37:28.517		82.4	1678
13:37:29.517		81.1	1686
13:37:30.517		78.8	1697
13:37:31.517		66.2	1706
13:37:32.517		45.9	1703
13:37:33.517	193.8	48	1695
13:37:34.517	194	57.6	1687
13:37:35.517	194.2	69.6	1679
13:37:36.517	194.3	76.9	1681
13:37:37.517	194.5	75.1	1679
13:37:38.517	194.7	75.5	1685
13:37:39.517	194.9	77.5	1688
13:37:40.517	195.1	81.5	1688
13:37:41.517	195.3	79.1	1691
13:37:42.517	195.5	77.6	1696
13:37:43.517	195.7	64.1	1698
13:37:44.517	195.9	72.5	1697
13:37:45.517	196.1	74	1697
13:37:46.517	196.3	75	1695
13:37:47.517	196.5	82.8	1695
13:37:48.517	196.7	78	1697
13:37:49.517	196.9	76.4	1702
13:37:50.517	197.1	77.2	1709
13:37:51.517	197.2	75.5	1712
13:37:52.517	197.4	75.2	1711
13:37:53.517		78.9	1716
13:37:54.517		80	1719
13:37:55.517		81.9	1721
13:37:56.517		78.7	1726
13:37:57.517		77	1730
13:37:58.517		77.7	1734
13:37:59.517		78.2	1739
13:38:00.517		79.3	1747
13:38:01.517	196.5	76.2	1749
13:38:02.517	196.4	75.2	1754
13:38:03.517	196.3	74.7	1749
13:38:04.517	196.1	75.9	1750
13:38:05.517	196	76.3	1752
13:38:06.517	195.9	74.9	1752
13:38:07.517	195.7	74.9	1753
13:38:08.517	195.6	74	1748
13:38:09.517	195.5	74.1	1748
13:38:10.517	195.3	75.3	1746
13:38:11.517	195.2	74.9	1751
13:38:12.517	195.1	75.9	1748
13:38:13.517	194.9	73.4	1748
13:38:14.517	194.8	68.6	1746
13:38:15.517	194.7	67.4	1742
13:38:16.517	194.6	69.8	1737
13:38:17.517	194.4	69.5	1734
13:38:18.517	194.3	69.1	1730
13:38:19.517	194.2	70.8	1729
13:38:20.517	194	76.6	1728
13:38:21.517		75.1	1726
13:38:22.517		68.8	1726
13:38:23.517		65.9	1725
13:38:24.517		68.7	1723
13:38:25.517		66.8	1718
13:38:26.517		52	1710
13:38:27.517		59.7	1704
13:38:28.517		64.7	1700
13:38:29.517	192.9	71.2	1699
13:38:30.517	192.7	69.1	1695

50.94769	454.781073	374.8	64.4	0.000889	0.00039	0.00009	24	4.5
51.66667	459.876747	374.8	64.6	0.00089	0.00039	0.00012	24	4.5
50.43779	464.972421	374.131901	64.8	0.000855	0.00039	0.00005	24	4.5
42.21794	470.068095	381.047853	65.2	0.000717	0.00035	0.00014	24	4.5
29.96466	467.816336	396.784688	65.6	0.000459	0.00025	0.00004	24	4.6
25.127	459.838286	371.096301	65.9	0.000357	0.00022	0.00008	24	4.6
25.99024	451.860236	370.115385	66.1	0.00033	0.00022	0.00006	24	4.6
31.39809	443.882187	370.1	65.6	0.000408	0.00024	0.00005	24	4.6
36.43403	435.904137	384.94	65.2	0.000506	0.00027	0.00004	24	4.5
36.86535	437.165382	368.898209	65	0.000538	0.00027	0.00001	24	4.5
35.04644	440.400069	368.6	65	0.00053	0.00026	0.00005	24	4.5
34.54193	443.634756	368.04597	65	0.000528	0.00026	0.00002	24	4.6
36.78666	446.869443	368.788493	65.1	0.000586	0.00028	0.00009	24	4.6
38.19468	447.422271	391.797922	65.2	0.000627	0.0003	0.00009	24	4.6
38.9286	444.88952	367	65.2	0.000615	0.0003	0.00011	24	4.6
31.70311	442.356769	367	65.5	0.000528	0.00027	0.0001	24	4.6
32.96667	439.824017	366.1	65.6	0.000494	0.00026	0.00009	24	4.6
30.48916	437.291266	388.322388	65.7	0.000467	0.00025	0.00012	24	4.6
32.00552	439.325	367.777004	65.7	0.000485	0.00025	0.00009	24	4.6
37.88846	441.952119	366.1	65.7	0.000581	0.00029	0.00017	24	4.6
41.14038	444.579237	366.1	65.6	0.000678	0.00033	0.00013	24	4.6
40.84257	447.206356	366.711525	65.6	0.000679	0.00033	0.00014	24	4.6
40.79337	449.42932	407.43694	65.7	0.000655	0.00032	0.00014	24	4.6
39.21045	449.607019	367	65.8	0.00059	0.00029	0.00009	24	4.6
35.21059	449.784718	367.345455	66.1	0.000534	0.00027	0.00015	24	4.6
34.67016	449.962417	367.8	66.3	0.000542	0.00027	0.00005	24	4.6
36.16726	450.140116	380.754926	66.3	0.000581	0.00028	0.00011	24	4.6
39.5711	451.548115	379.494323	66.4	0.00065	0.00031	0.00008	24	4.6
41.85647	453.581471	367.8	66.5	0.000693	0.00033	0.00012	24	4.5
42.47412	455.614828	368.886	66.6	0.0007	0.00033	0.00013	24	4.6
41.55405	457.648184	369.3	66.7	0.000668	0.00033	0.00009	24	4.6
41.55379	458.890191	407.86798	66.7	0.000658	0.00032	0.00015	24	4.6
41.28705	458.156592	370.377152	66.9	0.000649	0.00032	0.00008	24	4.6
39.01491	457.422993	370.510127	67.2	0.000619	0.0003	0.00015	24	4.6
37.11119	456.689394	370.807281	67.6	0.000596	0.0003	0.0001	24	4.6
35.23911	455.955795	370.9	67.7	0.000542	0.00027	0.00011	24	4.6
34.82341	454.884722	391.207346	67.8	0.000537	0.00027	0.00012	24	4.6
35.66997	453.495833	371.6	67.8	0.000556	0.00028	0.00011	24	4.6
35.8317	452.106944	371.6	67.8	0.000559	0.00028	0.00015	24	4.6
35.75162	450.718056	372.052214	67.8	0.000565	0.00028	0.0001	24	4.6
35.43807	449.382406	405.332469	67.8	0.000567	0.00028	0.00016	24	4.6
34.97124	449.03743	372.592136	67.8	0.000561	0.00028	0.00011	24	4.6
35.31762	448.692454	373.2	67.8	0.000564	0.00028	0.00012	24	4.6
36.22827	448.347477	373.2	67.7	0.000564	0.00028	0.00014	24	4.6
35.90909	448.002501	373.2	67.7	0.000563	0.00028	0.00008	24	4.6
35.693	446.030126	399.070724	67.7	0.000544	0.00027	0.00014	24	4.6
32.98871	441.744718	374.454015	67.7	0.0005	0.00025	0.00009	24	4.6
31.01095	437.45931	374.8	67.7	0.000467	0.00024	0.00014	24	4.6
31.58504	433.173902	374.8	67.6	0.000463	0.00025	0.00012	24	4.6
31.82182	428.888494	386.768874	67.4	0.000464	0.00025	0.00016	24	4.6
31.41127	428.487105	378.15693	67.2	0.000466	0.00025	0.00015	24	4.6
31.30697	429.408158	374.8	67.1	0.000482	0.00025	0.00016	24	4.6
35.83022	430.329211	375.151163	67	0.000534	0.00028	0.00018	24	4.6
35.98371	431.250263	375.028837	66.9	0.000561	0.00028	0.00013	24	4.6
34.90505	431.015001	402.907124	66.9	0.000527	0.00026	0.00015	24	4.5
30.58374	425.719308	375.855462	66.9	0.000488	0.00025	0.0001	24	4.5
30.62373	420.423614	375.966458	66.9	0.000457	0.00024	0.00014	24	4.5
30.37286	415.127921	376.242025	66.9	0.000428	0.00023	0.00012	24	4.5
27.37761	409.832227	375.666884	66.6	0.000403	0.00022	0.00012	24	4.5
28.2755	406.425271	387.755826	66.5	0.000381	0.00022	0.00016	24	4.6
29.97638	406.801461	376.4	66.3	0.000389	0.00023	0.00015	24	4.6
32.00466	407.17765	376.4	66.1	0.000423	0.00023	0.00018	24	4.5
30.80019	407.553839	376.4	65.8	0.000446	0.00024	0.00013	24	4.5

165.658612	1	1.43459
179.082817	1	1.43498
192.507022	1	1.43537
205.931227	1	1.43572
219.355432	1	1.43597
214.508353	1	1.43619
205.178781	1	1.43641
195.849208	1	1.43665
186.519635	1	1.43692
176.60816	1	1.43719
164.279085	1	1.43745
151.950011	1	1.43771
139.620937	1	1.43799
127.291863	1	1.43829
120.472107	1	1.43859
115.659156	1	1.43886
110.846204	1	1.43912
106.033253	1	1.43937
104.055403	1	1.43962
116.743075	1	1.43991
129.430746	1	1.44024
142.118418	1	1.44057
154.80609	1	1.44089
157.981666	1	1.44118
148.701449	1	1.44145
139.421231	1	1.44172
130.141014	1	1.442
121.170759	1	1.44231
132.554688	1	1.44264
143.938616	1	1.44297
155.322545	1	1.4433
166.706473	1	1.44362
167.167742	1	1.44394
158.135484	1	1.44424
149.103226	1	1.44454
140.070968	1	1.44481
131.03871	1	1.44508
124.83965	1	1.44536
119.008746	1	1.44564
113.177843	1	1.44592
107.346939	1	1.4462
103.73038	1	1.44648
103.097468	1	1.44676
102.464557	1	1.44704
101.831646	1	1.44732
101.198734	1	1.44759
97.849081	1	1.44784
93.255906	1	1.44808
88.66273	1	1.44833
84.069554	1	1.44858
80.245214	1	1.44883
82.396214	1	1.44908
84.547214	1	1.44936
86.698215	1	1.44964
88.849215	1	1.4499
88.83288	1	1.45015
86.322945	1	1.45039
83.81301	1	1.45062
81.303075	1	1.45084
78.79314	1	1.45106
78.888504	1	1.45129
80.187486	1	1.45152
81.486469	1	1.45176

13:38:31.517	192.6	67.1	1693
13:38:32.517	192.5	65.5	1691
13:38:33.517	192.4	66	1685
13:38:34.517	192.2	70.7	1685
13:38:35.517	192.1	71	1684
13:38:36.517	192	66.9	1682
13:38:37.517	191.9	60.5	1677
13:38:38.517	191.7	55.7	1672
13:38:39.517	191.6	57.2	1665
13:38:40.517	191.5	60.9	1659
13:38:41.517	191.3	75	1654
13:38:42.517	191.2	78.5	1652
13:38:43.517	191.1	80.2	1657
13:38:44.517	191	78	1660
13:38:45.517	190.8	79.3	1664
13:38:46.517	190.7	78.8	1669
13:38:47.517	190.6	80.1	1673
13:38:48.517	190.5	83.3	1682
13:38:49.517		86.1	1689
13:38:50.517		78.6	1698
13:38:51.517		75	1707
13:38:52.517		82.3	1713
13:38:53.517		76.6	1720
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13:38:55.517		65.1	1726
13:38:56.517		61.2	1719
13:38:57.517	189.8	61.4	1716
13:38:58.517	189.8	59.6	1712
13:38:59.517	189.7	58	1708
13:39:00.517	189.7	59.4	1702
13:39:01.517	189.6	68.2	1699
13:39:02.517	189.5	72.7	1696
13:39:03.517	189.5	72.5	1697
13:39:04.517	189.4	46.9	1691
13:39:05.517	189.3	16.1	1680
13:39:06.517	189.3	0.4	1654
13:39:07.517	189.2	0	1611
13:39:08.517	189.1	0	1558
13:39:09.517	189.1	0	1514
13:39:10.517	189	0	1477
13:39:11.517	188.9	0	1436
13:39:12.517	188.9	0	1394
13:39:13.517	188.8	0	1348
13:39:14.517	188.7	0	1295
13:39:15.517	188.7	0	1244
13:39:16.517	188.6	0	1189
13:39:17.517		0	1139
13:39:18.517		0	1105
13:39:19.517		0	1225
13:39:20.517		0	1135
13:39:21.517		0	1184
13:39:22.517		0	1363
13:39:23.517		0	1178
13:39:24.517	190.6	0	1186
13:39:25.517	190.9	0	1118
13:39:26.517	191.1	20.8	885
13:39:27.517	191.4	48.5	1057
13:39:28.517	191.7	69.9	1291
13:39:29.517	191.9	83.4	1605
13:39:30.517	192.2	94.5	1801
13:39:31.517	192.4	86.6	2054
13:39:32.517	192.7	74.2	2180
13:39:33.517	193	72.3	1918

30.32514	407.930029	383.690469	65.7	0.000451	0.00024	0.00016	24	4.6
29.45818	408.272469	379.336283	65.7	0.000445	0.00024	0.00018	24	4.6
30.13783	408.607197	376.4	65.6	0.000435	0.00024	0.00016	24	4.6
31.13399	408.941925	376.622396	65.5	0.000445	0.00024	0.00021	24	4.6
32.32718	409.276653	377.1	65.2	0.000475	0.00025	0.00013	24	4.6
32.51447	409.452846	390.466935	65.2	0.000475	0.00025	0.00019	24	4.6
28.4592	405.124778	377.1	65.1	0.00043	0.00023	0.00013	24	4.6
26.58073	400.796711	377.1	65.1	0.000401	0.00022	0.00016	24	4.6
27.23558	396.468643	377.1	65	0.000376	0.00022	0.00015	24	4.7
28.33145	392.140576	377.1	64.8	0.000371	0.00022	0.00014	24	4.7
31.08765	393.242542	381.086437	64.6	0.000411	0.00024	0.00015	24	4.7
35.73678	402.062257	377.633019	64.2	0.000521	0.00028	0.00008	24	4.6
39.31449	410.881971	377.157956	64.1	0.000597	0.0003	0.00012	24	4.6
39.28014	419.701686	377.724019	64	0.000648	0.00031	0.00005	24	4.6
41.5811	428.521401	389.864335	64	0.000682	0.00033	0.00013	24	4.6
41.47819	436.346367	383.129492	64.2	0.000689	0.00033	0.0001	24	4.6
41.95675	443.902106	377.179915	64.3	0.000687	0.00033	0.00014	24	4.6
44.33472	451.457845	377.24359	64.6	0.00074	0.00034	0.00018	24	4.6
50.49	459.013584	377.554262	64.8	0.000834	0.00038	0.00013	24	4.5
53.11508	466.569323	409.111689	65	0.000865	0.0004	0.00016	24	4.6
43.3197	465.424344	377.013441	65.2	0.000731	0.00035	0.00008	24	4.6
43.60195	463.753448	376.4	65.7	0.000717	0.00034	0.00012	24	4.6
43.12199	462.082551	376.4	65.9	0.000708	0.00034	0.00012	24	4.6
40.12715	460.411654	375.860128	66.3	0.000601	0.0003	0.0001	24	4.6
26.61153	457.168449	414.518269	66.5	0.000468	0.00025	0.00009	24	4.6
27.0327	448.184492	374.581508	66.7	0.000396	0.00022	0.00006	24	4.6
27.8114	439.200535	373.615026	66.9	0.000374	0.00022	0.00012	24	4.6
28.10625	430.216578	374.054867	66.6	0.000377	0.00022	0.0001	24	4.6
28.0032	421.23262	376.431058	66.4	0.000384	0.00022	0.00016	24	4.6
28.20964	417.508545	383.010075	66.3	0.00039	0.00023	0.00014	24	4.7
32.22902	418.265109	371.697297	66.1	0.00043	0.00024	0.00015	24	4.6
33.99421	419.021673	371.6	65.9	0.000483	0.00026	0.00017	24	4.6
33.85689	419.778238	371.6	65.8	0.000504	0.00027	0.00015	24	4.7
27.56431	419.413833	391.884167	65.7	0.000481	0.00026	0.00019	24	4.7
22.70305	395.801498	370.725532	65.7	0.000313	0.0002	0.00007	24	4.8
19.55876	372.189163	369.798864	65.5	0.000215	0.00018	0.0001	24	4.9
39.30445	348.576828	369.3	64.9	0.000232	0.00033	0.00014	24	5
41.47014	324.964493	366.027383	64.2	0.000108	0.00034	0.00013	24	5
40.595	306.114012	353.116	62.6	0.000052	0.00033	0.00011	24	5.1
40.76633	291.912455	368.6	60.6	0.000032	0.00033	0.00007	24	5.1
39.61	277.710898	368.6	58.8	0.000027	0.00032	0.00015	24	5.1
37.76944	263.509341	368.271362	57.2	0.000027	0.00032	0.00008	24	5.1
37.04934	249.307785	340.290385	55.6	0.000025	0.0003	0.00012	24	5.1
35.73729	242.065042	359.552577	53.9	0.000025	0.0003	0.00009	24	5.1
33.91962	237.104939	367	52.4	0.000024	0.00028	0.00009	24	5.1
31.6409	232.144835	367	50.3	0.000023	0.00026	0.0001	24	5
29.95329	227.184732	366.481701	48.4	0.000021	0.00025	0.00007	24	5
27.97226	222.401169	300.725455	46.3	0.000021	0.00025	0.00013	24	5
32.81154	218.962966	366.1	44.2	0.000023	0.00027	0.00006	24	5
29.82103	215.524764	365.794545	42.3	0.000021	0.00025	0.00009	24	5
30.58611	212.086562	365.4	39.6	0.000023	0.00027	0.00006	24	5
37.70198	208.64836	339.985246	36.9	0.000025	0.0003	0.00011	24	5
31.82203	206.298043	338.94555	33.6	0.000024	0.00028	0.00011	24	5
31.54831	204.493303	364.771489	30.2	0.000023	0.00027	0.00009	24	5
29.62288	202.688563	364.6	26.9	0.000017	0.0002	0.00009	24	4.9
17.65696	200.883823	364.255	22.8	0.000009	0.0001	0.00002	24	4.8
15.07577	201.928275	293.138174	18.5	0.000014	0.00014	0.00007	24	4.8
26.69952	242.648799	363.726891	15.9	0.000082	0.00021	0.00006	24	4.8
41.33475	283.369323	363.1	14.6	0.000377	0.0003	0.0001	24	4.7
53.0952	324.089847	363.1	14.2	0.000811	0.00045	0.00015	24	4.6
75.07896	364.810371	362.334204	14.7	0.001154	0.00056	0.00009	24	4.5
77.40584	385.467855	366.791899	16.2	0.001283	0.00063	0.00023	24	4.6
60.44236	384.991171	355.830458	18.6	0.000835	0.00044	0.00008	24	4.6

82.785451	1	1.452
84.013889	1	1.45224
84.227564	1	1.45248
84.441239	1	1.45272
84.654915	1	1.45297
84.86859	1	1.45322
84.416793	1	1.45345
82.901969	1	1.45367
81.387146	1	1.45389
79.872322	1	1.45411
78.357498	1	1.45435
88.363713	1	1.45463
101.928783	1	1.45493
115.493853	1	1.45524
129.058923	1	1.45557
142.506887	1	1.4559
153.526171	1	1.45623
164.545455	1	1.45657
175.564738	1	1.45695
186.584022	1	1.45735
191.034014	1	1.4577
181.963719	1	1.45804
172.893424	1	1.45838
163.823129	1	1.45868
154.752834	1	1.45893
144.908535	1	1.45915
134.212181	1	1.45937
123.515826	1	1.45959
112.819472	1	1.45981
102.123117	1	1.46004
100.001785	1	1.46028
98.88646	1	1.46054
97.771135	1	1.46081
96.655811	1	1.46107
88.109318	1	1.46127
68.957177	1	1.46145
49.805036	1	1.46178
30.652894	1	1.46212
11.500753	1	1.46245
6.010563	1	1.46278
4.71718	1	1.4631
3.423798	1	1.46342
2.130416	1	1.46372
0.973418	0	1.46402
0.762447	0	1.4643
0.551477	0	1.46456
0.340506	0	1.46481
0.129536	0	1.46506
0	0	1.46533
0	0	1.46558
0	0	1.46585
0	0	1.46615
0	0	1.46643
34.679462	0	1.4667
71.299801	0	1.4669
107.920141	0	1.467
144.540481	0	1.46714
166.975369	0	1.46735
169.331334	0	1.46765
171.687299	0	1.4681
174.043264	0	1.46866
176.399229	0	1.46929
154.195482	1	1.46973

13:39:34.517	193.2	81.8	1888
13:39:35.517	193.5	53.8	1957
13:39:36.517	193.7	8.7	1705
13:39:37.517	194	1	1450
13:39:38.517	194.3	0	1406
13:39:39.517	194.5	0	1302
13:39:40.517	194.8	0	1265
13:39:41.517	195	12.6	1091
13:39:42.517	195.3	26.8	772
13:39:43.517	195.6	25	801
13:39:44.517		27.1	772
13:39:45.517		35.1	870
13:39:46.517		69	1327
13:39:47.517		78.8	1607
13:39:48.517		83.9	1756
13:39:49.517		73.5	1735
13:39:50.517		52.9	1412
13:39:51.517		28.6	1309
13:39:52.517	197.9	82.9	1550
13:39:53.517	198.1	94.2	1541
13:39:54.517	198.4	85.9	1770
13:39:55.517	198.7	75.2	2022
13:39:56.517	198.9	71.6	2027
13:39:57.517	199.2	81.4	1840
13:39:58.517	199.4	81.7	1951
13:39:59.517	199.7	80.2	1789
13:40:00.517	200	89	1866
13:40:01.517	200.2	86.9	1986
13:40:02.517	200.5	76.5	2102
13:40:03.517	200.7	82.7	2015
13:40:04.517	201	87.8	1888
13:40:05.517	201.2	87	1967
13:40:06.517	201.5	87.2	2050
13:40:07.517	201.8	74	2124
13:40:08.517	202	77.1	2160
13:40:09.517	202.3	88.2	1840
13:40:10.517	202.5	87.5	1866
13:40:11.517	202.8	78.8	1903
13:40:12.517		67.9	1872
13:40:13.517		78.4	1609
13:40:14.517		87.7	1618
13:40:15.517		95.5	1633
13:40:16.517		87.6	1650
13:40:17.517		83.9	1676
13:40:18.517		79.2	1702
13:40:19.517		74.5	1727
13:40:20.517	198.8	77.7	1751
13:40:21.517	198.3	80.1	1772
13:40:22.517	197.7	83.8	1795
13:40:23.517	197.2	80.7	1823
13:40:24.517	196.7	76.7	1852
13:40:25.517	196.2	75.7	1880
13:40:26.517	195.7	76.2	1901
13:40:27.517	195.2	76.3	1916
13:40:28.517	194.7	79.6	1927
13:40:29.517	194.1	78.5	1935
13:40:30.517	193.6	6.2	1923
13:40:31.517	193.1	0	1899
13:40:32.517	192.6	0	1876
13:40:33.517	192.1	0	1849
13:40:34.517	191.6	0	1825
13:40:35.517	191.1	18.6	1804
13:40:36.517	190.5	87.3	1797

52.5326	384.514487	353.183088	21.5	0.000804	0.00041	0.00016	24	4.6
44.85413	384.037803	350.163235	24.4	0.000626	0.00034	0.00009	24	4.6
24.06595	383.561119	353.773279	26.4	0.000293	0.00021	0.0001	24	4.7
14.76006	370.097332	351.502326	28	0.000132	0.00014	0.00008	24	4.9
11.87594	350.002668	345.611446	27.7	0.000065	0.0001	0.00005	24	5
9.81671	329.908003	343.934375	26.8	0.000037	0.00008	0.00005	24	5
9.69605	309.813339	342.960492	25.9	0.000025	0.00008	0.00003	24	5.1
9.115	289.95147	322.347285	24	0.000018	0.00007	0.00004	24	5.1
9.52567	286.485037	341.674528	20.3	0.000017	0.00008	0.00004	24	5.1
11.23302	283.018605	340.192996	16.5	0.000018	0.00009	0.00005	24	5.1
11.87168	279.552172	339.7	13.4	0.000023	0.0001	0.00005	24	5.1
19.23466	276.085739	337.590642	10.6	0.000053	0.00014	0.00005	24	5
27.62	282.674163	319.03785	8.3	0.000158	0.00024	0.00011	24	4.9
35.11484	301.257854	335.032359	7.9	0.000351	0.00027	0.00007	24	4.8
41.14806	319.841545	333.811475	8.7	0.000554	0.00033	0.00008	24	4.7
40.40213	338.425236	331.128358	11	0.000561	0.00031	0.00004	24	4.6
30.11442	357.008927	337.341121	13.5	0.000374	0.00022	0.00003	24	4.7
22.69249	376.661509	330.788991	15.9	0.00031	0.00022	0.00004	24	4.7
43.68506	396.588027	325.769369	17.6	0.000445	0.00031	0.00007	24	4.7
58.12429	416.514545	323.902591	18.2	0.000879	0.00045	0.00022	24	4.6
70.88719	436.441063	321.395362	19.1	0.001227	0.00058	0.00017	24	4.7
72.85238	453.859506	384.611923	21.6	0.001268	0.00063	0.00029	24	4.8
64.71751	458.945343	316.714316	24.8	0.000975	0.00052	0.00009	23.5	4.8
53.99544	464.03118	315.213216	28.3	0.000817	0.00044	0.00012	23	4.8
59.15829	469.117017	313.457186	31.4	0.000929	0.00046	0.00015	23	4.7
55.79537	474.202854	314.098283	33.7	0.000885	0.00044	0.0001	23	4.7
61.38805	483.38832	358.81658	36	0.001055	0.00049	0.00018	23	4.7
72.01645	496.528438	313.073063	38.2	0.001301	0.00059	0.00008	23	4.7
78.88483	509.668555	314.053428	40.5	0.001392	0.00063	0.00025	23	4.6
86.61642	522.808673	314.849892	42.9	0.001334	0.00061	0.00013	23	4.6
97.12981	535.948791	384.980175	45.5	0.001579	0.00072	0.00023	23	4.6
99.08691	540.426819	320.193372	47.6	0.0017	0.00078	0.00017	23	4.6
112.06352	544.151621	323.895046	49.6	0.001837	0.00086	0.0002	23	4.6
94.75348	547.876424	327.977372	51.6	0.001471	0.00071	0.00018	23	4.7
83.64706	551.601227	332.081486	53.8	0.001256	0.00063	0.00012	23	4.8
60.91375	552.588842	412.935389	56	0.000971	0.00049	0.00016	23	4.8
73.34796	548.624916	337.614239	57.8	0.001312	0.0006	0.00015	23	4.8
78.37602	544.66099	340.536111	58.9	0.001291	0.00063	0.00024	23	4.8
58.48866	540.697064	344.028632	59.8	0.000828	0.00044	0.00014	23	4.9
42.70245	536.733138	356.593266	60.9	0.000661	0.00036	0.00007	23	4.9
43.06883	540.186548	389.564443	61.8	0.00073	0.00036	0.00013	23	4.8
64.03555	548.83714	348.948153	62.1	0.001114	0.0005	0.0001	23	4.8
70.25789	557.487733	351.610663	62.5	0.001267	0.00055	0.00026	23	4.8
74.90842	566.138325	354.758284	63	0.001294	0.00058	0.00013	23	4.7
79.02949	574.788917	422.059644	63.7	0.001355	0.00062	0.0002	23	4.6
68.34523	575.646167	363.180458	64.7	0.001229	0.00057	0.00014	23	4.6
71.13325	575.234734	366.338416	65.7	0.001148	0.00053	0.00015	23	4.6
78.057	574.8233	370.147273	66.6	0.00123	0.00056	0.00013	23	4.5
93.86642	574.411867	373.449095	67.5	0.001518	0.00069	0.00012	23	4.5
98.19686	573.324856	465.233962	68.3	0.001571	0.00073	0.00031	23	4.5
90.21027	570.121781	382.728437	69.1	0.001471	0.00083	0.00016	23	5.4
83.09634	566.918706	387.032737	70.3	0.001328	0.00081	0.00021	23	5.8
80.94391	563.715631	390.495264	71.4	0.001155	0.00058	0.00017	23	4.8
63.98879	560.512556	406.971819	72.6	0.001059	0.00052	0.00016	23	4.7
62.0052	543.161772	429.151397	73.4	0.001075	0.00051	0.00029	23	4.7
56.28233	514.649737	397.014301	74	0.000879	0.00047	0.00018	23	4.8
34.43917	486.137702	398.9	74.5	0.00035	0.00027	0.00016	23	4.9
24.65748	457.625667	398.9	74.9	0.000151	0.00021	0.00008	23	4.9
21.56222	429.113632	409.798574	74.7	0.000068	0.00018	0.00012	23	4.8
20.57082	424.627004	399.642925	73.8	0.00004	0.00017	0.00008	23	4.9
19.36621	420.407595	398.9	72.7	0.000028	0.00016	0.00008	23	4.9
23.9436	416.188186	398.427166	71.8	0.000044	0.00021	0.00011	23	4.9
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45.38446	458.984381	405.517204	70.2	0.00071	0.00039	0.00013	23	4.9
43.44262	474.430482	411.65	70.5	0.000654	0.00035	0.00011	23	4.8
41.51296	480.663063	418.693368	70.8	0.000638	0.00034	0.00016	23	4.8
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41.50107	481.834234	408.485542	71	0.00064	0.00033	0.00019	23	4.8
42.79132	482.41982	408	71.1	0.00069	0.00035	0.0001	23	4.8
42.18526	482.62445	444.532543	71.1	0.000691	0.00035	0.00017	23	4.8
41.72353	481.093618	408.8	71.1	0.000669	0.00034	0.00012	23	4.8
40.411	479.562786	408.328928	71.2	0.000641	0.00033	0.00011	23	4.8
39.11117	478.031953	408.758893	71.2	0.000625	0.00032	0.00016	23	4.8
39.58173	476.501121	413.115226	71.2	0.00063	0.00032	0.0001	23	4.8
39.60467	475.597983	422.822511	71.3	0.000629	0.00032	0.00016	23	4.7
39.20774	475.225258	407.2	71.3	0.000628	0.00032	0.00008	23	4.7
40.19515	474.852532	407.2	71.3	0.000633	0.00032	0.00015	23	4.8
39.88655	474.479807	406.816064	71.3	0.000642	0.00032	0.00005	23	4.7
40.4905	474.107082	430.604666	71.3	0.000646	0.00032	0.00004	23	4.7
40.8988	473.903844	405.5	71.3	0.000655	0.00032	0.00003	23	4.7
41.21346	473.703888	405.226696	71.3	0.000656	0.00032	0.00005	23	4.7
40.56861	473.503932	404.330643	71.3	0.000658	0.00033	0.00016	23	4.7
40.38131	473.303977	403.847497	71.3	0.000648	0.00032	0.00011	23	4.7
40.40087	473.380038	423.95083	71.3	0.000654	0.00032	0.00016	23	4.7
40.66903	473.755116	402.9	71.3	0.000654	0.00032	0.00009	23	4.7
41.92	474.130194	402.293846	71.3	0.000663	0.00033	0.00014	23	4.7
42.40086	474.505272	401.993151	71.3	0.000678	0.00033	0.00015	23	4.6
42.11943	474.88035	413.617406	71.3	0.00069	0.00033	0.00013	23	4.6
43.25266	475.747267	412.903623	71.3	0.000691	0.00033	0.00015	23	4.6
43.00705	476.844576	400.592093	71.3	0.000695	0.00033	0.00008	23	4.5
43.93504	477.941884	400.5	71.3	0.000703	0.00033	0.00017	23	4.5
43.87059	479.039193	400.205217	71.3	0.000712	0.00034	0.0001	23	4.5
45.07505	480.136501	422.807453	71.3	0.000732	0.00034	0.00013	23	4.4
45.72231	479.803737	400.5	71.3	0.000747	0.00035	0.00016	23.5	4.4
46.04	479.220583	400.5	71.2	0.000742	0.00034	0.00009	23.5	4.4
44.46565	478.63743	399.67638	71.2	0.000713	0.00034	0.00014	23.5	4.4
42.24702	478.054276	399.433906	71.3	0.000666	0.00032	0.00011	23.5	4.4
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52.81292	492.07557	399.7	71.3	0.00091	0.00039	0.00015	23	4.4
54.25936	496.569693	429.930992	71.2	0.000929	0.00041	0.00015	23	4.4
54.46577	496.218196	402.978553	71.2	0.000884	0.0004	0.00022	23	4.4
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47.08041	492.304782	433.877685	71.5	0.000757	0.00035	0.00013	23	4.4
48.09459	491.529931	400.926496	71.3	0.000787	0.00036	0.00015	23.4	4.4
46.46941	490.755081	401.105438	71.3	0.000752	0.00035	0.0001	23.5	4.4
44.89304	489.98023	400.622034	71.3	0.000717	0.00034	0.00012	23	4.4
43.96134	489.20538	424.938462	71.5	0.000688	0.00032	0.00004	23	4.4
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43.60433	486.773646	401.045216	71.5	0.00072	0.00033	0.0001	23	4.4
43.41362	485.961372	401.3	71.3	0.000704	0.00033	0.00008	23	4.4
43.17427	485.183019	429.402696	71.3	0.000684	0.00031	0.00008	23	4.3
41.7064	484.449266	400.891923	71.3	0.000665	0.00031	0.00012	23	4.3
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42.85563	482.248008	413.542077	71.5	0.000698	0.00031	0.00006	23	4.3
45.53667	482	411.937187	71.3	0.000736	0.00033	0.00011	23	4.3
46.24682	482	401.3	71.3	0.000767	0.00034	0.0001	23	4.3
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13:42:34.517		76.9	1845
13:42:35.517		77.4	1845
13:42:36.517		79.2	1846
13:42:37.517	190.9	81.2	1843
13:42:38.517	191	80.7	1845
13:42:39.517	191	78.5	1844
13:42:40.517	191.1	77	1846
13:42:41.517	191.2	76.3	1844
13:42:42.517	191.2	78.4	1845

43.95276	482	400.785442	71.3	0.000701	0.00033	0.00011	23	4.3
42.42988	482	440.069479	71.3	0.000664	0.00031	0.00005	23	4.3
41.48191	482	400.984553	71.3	0.000645	0.0003	0.00011	23	4.3
41.13849	482	401.158333	71.5	0.000642	0.0003	0.00007	23	4.3
41.44781	482	401.581517	71.5	0.000665	0.0003	0.0001	23	4.3
44.03661	482	429.663308	71.3	0.000714	0.00031	0.00009	23	4.2
43.60176	482.714484	401.3	71.3	0.000723	0.00032	0.00008	23	4.2
43.92125	483.461071	401.3	71.3	0.000703	0.00031	0.00008	23	4.2
44.13139	484.207658	401.3	71.3	0.000707	0.00032	0.00005	23	4.2
46.31227	484.954245	401.964263	71.3	0.000741	0.00033	0.00012	23	4.2
47.26694	486.217488	437.010231	71.3	0.000768	0.00034	0.00005	23	4.2
47.76764	488.884728	402.1	71.2	0.000784	0.00034	0.00013	23	4.2
48.87298	491.551968	402.592308	71.3	0.000801	0.00035	0.0001	23	4.2
48.69054	494.219208	402.9	71.2	0.000802	0.00035	0.00009	23	4.2
51.8393	496.886449	410.096288	71.2	0.000859	0.00036	0.00019	23	4.2
53.14246	497.9	418.503125	71.2	0.00089	0.00037	0.00013	23	4.2
54.63	497.9	403.8	71.1	0.000936	0.0004	0.00022	23	4.2
54.47399	497.9	403.8	71.2	0.000916	0.0004	0.0001	23	4.2
52.28794	497.9	404.385061	71.2	0.000843	0.00038	0.00017	23	4.3
48.01155	497.971291	449.576478	71.3	0.000766	0.00036	0.00013	23	4.3
46.18931	498.365164	404.7	71.5	0.000722	0.00033	0.00007	23	4.3
46.48974	498.759037	404.7	71.5	0.000718	0.00032	0.00007	23	4.2
47.52413	499.15291	403.847368	71.5	0.000753	0.00033	0.00002	23	4.2
48.52483	499.546783	411.857534	71.5	0.000793	0.00035	0.00008	23	4.2
50.37182	498.698361	424.538603	71.3	0.000836	0.00036	0.00006	23	4.2
50.26179	497.059016	404.7	71.3	0.000833	0.00037	0.00014	23	4.2
47.58109	495.419672	404.7	71.3	0.000777	0.00036	0.00008	23	4.3
45.33596	493.780328	404.7	71.5	0.000708	0.00033	0.00006	23	4.3
46.77042	493.194325	441.661892	71.5	0.000726	0.00033	0.00008	23	4.2
48.46491	495.316916	404.322817	71.5	0.0008	0.00035	0.00007	23	4.2
49.6264	497.439506	404.482148	71.3	0.000835	0.00036	0.00016	23	4.2
50.61674	499.562097	403.877235	71.3	0.000816	0.00036	0.00008	23	4.2
49.98339	501.684687	420.084993	71.3	0.000818	0.00037	0.00013	23	4.3
49.96392	499.744574	417.511765	71.2	0.000825	0.00037	0.00008	23	4.3
46.32109	495.739406	403.896953	71.3	0.000744	0.00035	0.0001	23	4.3
42.4601	491.734238	404.452529	71.3	0.000643	0.00031	0.00008	23	4.4
39.5572	487.72907	403.8	71.5	0.000601	0.00029	0.00006	23	4.4
38.5545	483.702365	435.063651	71.6	0.000591	0.00028	0.00011	23	4.3
37.11309	478.563685	403.8	71.5	0.000581	0.00027	0.00007	23	4.3
36.31255	473.425005	403.8	71.6	0.000557	0.00026	0.00012	23	4.3
35.784	468.286326	403.8	71.6	0.000539	0.00026	0.00009	23	4.3
35.72	463.147646	403.049644	71.6	0.000529	0.00026	0.00012	23	4.3
36.82725	460.117063	424.153576	71.6	0.000537	0.00026	0.00013	23	4.3
36.7217	460.70691	403.8	71.5	0.000544	0.00026	0.00009	23	4.3
37.20794	461.296756	403.8	71.5	0.000566	0.00028	0.00015	23	4.4
38.85095	461.886602	403.8	71.3	0.000599	0.00029	0.00008	23	4.4
40.75421	462.476448	412.308641	71.3	0.000651	0.00031	0.00014	23	4.5
43.77495	465.568454	415.339116	71.2	0.000706	0.00033	0.00009	23	4.5
46.2768	470.187544	403.8	71.1	0.000764	0.00035	0.00009	23	4.4
47.87835	474.806633	404.193632	71.1	0.000798	0.00036	0.00009	23	4.4
49.20172	479.425722	405.061682	71.1	0.00082	0.00038	0.00008	23	4.4
49.96149	483.8	438.419263	71.1	0.000821	0.00038	0.00014	23	4.5
49.8062	483.8	404.7	71.1	0.000806	0.00038	0.00005	23	4.5
47.43758	483.8	405.033432	71.2	0.00078	0.00037	0.00013	23	4.5
45.45283	483.8	405.5	71.3	0.000726	0.00034	0.00007	23	4.4
44.41127	483.8	405.5	71.3	0.000696	0.00033	0.00008	23	4.4
44.02887	483.972282	428.438106	71.5	0.0007	0.00033	0.00009	23	4.4
45.21924	484.352595	405.5	71.5	0.00072	0.00033	0.00005	23	4.4
46.99026	484.732908	405.5	71.5	0.000758	0.00035	0.00012	23	4.4
46.98534	485.113221	405.5	71.3	0.00077	0.00035	0.00004	23	4.4
44.81857	485.493535	434.430781	71.3	0.000727	0.00034	0.00015	23	4.4
44.10375	484.364341	405.5	71.3	0.000677	0.00032	0.0001	23	4.4
42.30704	483.209042	405.5	71.5	0.000655	0.00031	0.00008	23	4.4

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137.536058	1	1.51988
132.94155	1	1.5202
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152.821953	1	1.5229
154.982714	1	1.52327
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182.251545	1	1.52407
195.932039	1	1.52445
209.612533	1	1.52481
211.975972	1	1.52514
201.054172	1	1.52546
190.132372	1	1.52579
179.210572	1	1.52614
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175.478098	1	1.52933
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97.67642	1	1.53224
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106.865625	1	1.53406
117.803125	1	1.53442
128.740625	1	1.5348
139.678125	1	1.53518
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156.161542	1	1.53593
163.307492	1	1.53627
170.453443	1	1.5366
177.599394	1	1.53693
175.638204	1	1.53726
171.456866	1	1.53761
167.275528	1	1.53796
163.09419	1	1.5383
158.902222	1	1.53862
154.68	1	1.53893

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13:42:55.517	192.1	79.5	1844
13:42:56.517	192.1	80	1842
13:42:57.517		78	1843
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13:43:02.517		79.4	1845
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13:43:05.517	192.7	80.3	1843
13:43:06.517	192.8	82.1	1845
13:43:07.517	192.9	78.9	1844
13:43:08.517	192.9	79.2	1845
13:43:09.517	193	79.1	1845
13:43:10.517	193.1	78.5	1845
13:43:11.517	193.1	79.1	1844
13:43:12.517	193.2	78.8	1841
13:43:13.517	193.3	79.5	1843
13:43:14.517	193.3	77	1842
13:43:15.517	193.4	78.3	1847
13:43:16.517	193.4	76.3	1843
13:43:17.517	193.5	76.6	1845
13:43:18.517	193.6	77.3	1845
13:43:19.517	193.6	76.5	1846
13:43:20.517	193.7	75.3	1847
13:43:21.517	193.8	73.7	1844
13:43:22.517	193.8	73.7	1846
13:43:23.517	193.9	70.9	1845
13:43:24.517	194	70.1	1846
13:43:25.517		70	1844
13:43:26.517		71.7	1842
13:43:27.517		73.8	1844
13:43:28.517		73.2	1844
13:43:29.517		69.5	1845
13:43:30.517		69.8	1845
13:43:31.517		69.8	1846
13:43:32.517		70.8	1843
13:43:33.517	193.4	71	1842
13:43:34.517	193.4	74.2	1840
13:43:35.517	193.3	78.3	1839
13:43:36.517	193.2	82.2	1838
13:43:37.517	193.2	80.7	1838
13:43:38.517	193.1	81.5	1838
13:43:39.517	193.1	78.9	1840
13:43:40.517	193	74.4	1846
13:43:41.517	192.9	73.5	1845
13:43:42.517	192.9	80.4	1842
13:43:43.517	192.8	82.1	1844
13:43:44.517	192.7	79.5	1844
13:43:45.517	192.7	77.5	1844

41.84237	482.053744	405.033246	71.5	0.000668	0.00031	0.00012	23	4.4
41.52171	480.898445	405.44543	71.5	0.000677	0.00032	0.00011	23	4.5
44.52851	480.20687	426.823684	71.5	0.000722	0.00034	0.00018	23	4.5
45.06692	480.013654	404.97168	71.3	0.000748	0.00035	0.0001	23	4.5
42.9461	479.820438	404.7	71.3	0.000691	0.00033	0.00016	23	4.4
41.94082	479.627222	404.484657	71.3	0.000651	0.00031	0.00008	23	4.4
42.55258	479.434006	421.524124	71.5	0.000672	0.00031	0.00014	23	4.4
42.98627	479.4	405.034978	71.5	0.000696	0.00031	0.00017	23	4.3
43.0525	479.4	404.07871	71.3	0.000701	0.00032	0.00015	23	4.3
43.67687	479.4	404.7	71.3	0.000705	0.00032	0.00022	23	4.3
43.58388	479.4	403.862324	71.3	0.000696	0.00032	0.00012	23	4.3
44.02572	479.611243	430.508684	71.3	0.000703	0.00032	0.0002	23	4.3
44.47721	480.162792	403.8	71.3	0.000724	0.00032	0.00014	23	4.3
45.70344	480.71434	403.8	71.3	0.000742	0.00033	0.00019	23	4.2
45.7625	481.265889	403.8	71.3	0.000738	0.00033	0.00015	23	4.2
44.14733	481.817437	416.833333	71.3	0.000716	0.00033	0.00013	23	4.3
43.24234	482.368673	416.833333	71.3	0.000687	0.00032	0.00016	23	4.3
43.33691	482.919754	403.8	71.5	0.000698	0.00032	0.00012	23	4.3
44.8401	483.470835	403.054688	71.3	0.000725	0.00033	0.00018	23	4.3
45.7635	484.021916	403.8	71.3	0.000732	0.00033	0.00011	23	4.3
44.63404	484.572997	432.720219	71.3	0.000726	0.00033	0.00013	23	4.3
43.745	484.975109	403.8	71.3	0.0007	0.00032	0.00014	23	4.3
43.5571	485.369545	403.8	71.5	0.000677	0.00031	0.00008	23	4.3
46.12303	485.763982	403.8	71.6	0.000743	0.00033	0.00009	23	4.3
46.48468	486.158418	403.8	71.3	0.000764	0.00034	0.00003	23	4.3
45.27693	486.5	443.132927	71.3	0.000748	0.00034	0.00007	23.5	4.3
45.73997	486.5	404.329555	71.3	0.000743	0.00034	0.00003	23.5	4.3
46.40526	486.5	403.8	71.3	0.000732	0.00034	0.00011	23.5	4.3
45.76948	486.5	403.8	71.3	0.000734	0.00034	0.00014	23.6	4.3
45.72794	486.5	423.738075	71.5	0.000735	0.00033	0.0001	23	4.3
47.09189	485.599069	412.097379	71.3	0.000754	0.00034	0.00013	23	4.3
45.56345	484.451386	404.684825	71.3	0.000741	0.00034	0.00007	23.5	4.3
44.9034	483.303703	403.8	71.3	0.00071	0.00033	0.00014	23.6	4.3
42.9047	482.15602	404.350714	71.5	0.000673	0.00032	0.00009	23.4	4.4
40.29077	480.864756	442.803073	71.5	0.00064	0.0003	0.00013	23.5	4.4
39.22262	478.857305	404.7	71.5	0.000625	0.0003	0.0001	23.5	4.4
39.105	476.849855	404.7	71.5	0.000618	0.00029	0.00012	23.5	4.4
38.18879	474.842405	404.7	71.5	0.000611	0.00028	0.00013	23	4.4
37.60312	472.834954	403.883315	71.3	0.000594	0.00028	0.0001	23.5	4.4
37.63	470.229571	429.376119	71.5	0.000584	0.00028	0.00017	23.5	4.4
36.74065	466.437246	404.094	71.5	0.000576	0.00028	0.00009	23	4.4
36.73387	462.644921	404.683615	71.5	0.000554	0.00027	0.00014	23	4.4
35.92762	458.852596	404.135036	71.5	0.000542	0.00027	0.00014	23	4.4
37.15172	455.060271	420.692194	71.5	0.000557	0.00028	0.00013	23.4	4.4
37.52357	453.348961	405.837452	71.5	0.000576	0.00028	0.00015	24	4.4
37.80813	451.856101	404.7	71.3	0.000572	0.00028	0.0001	24	4.4
36.4999	450.363241	404.218142	71.3	0.000558	0.00028	0.00015	24	4.4
35.65455	448.870381	404.533929	71.3	0.000548	0.00027	0.00011	24	4.5
36.30661	447.996652	422.415265	71.5	0.000542	0.00027	0.00017	24	4.5
36.88377	448.691535	404.327037	71.5	0.000548	0.00028	0.00014	24	4.5
36.62497	449.386418	404.382285	71.5	0.000558	0.00028	0.00013	24	4.4
37.41469	450.081301	404.7	71.3	0.000582	0.00028	0.00016	24	4.4
38.57599	450.776184	407.946739	71.3	0.000617	0.00029	0.00011	24	4.4
42.28522	454.200567	415.038369	71.2	0.000689	0.00032	0.00019	24	4.4
47.41624	460.006872	404.7	71.2	0.000764	0.00034	0.00012	24	4.4
49.09045	465.813178	405.276772	71.2	0.00082	0.00037	0.00016	24	4.4
51.24186	471.619483	405.150485	71.1	0.00085	0.00039	0.00016	24	4.5
48.38942	476.751867	439.122222	71.1	0.000778	0.00037	0.00013	24	4.4
43.59286	477.166805	405.5	71.2	0.000667	0.00033	0.00017	24	4.4
41.26976	477.581743	405.5	71.3	0.000632	0.00031	0.00012	24	4.4
43.55239	477.99668	405.464541	71.5	0.000694	0.00032	0.00015	24	4.4
44.65679	478.411618	410.626949	71.5	0.000731	0.00033	0.00011	24	4.3
44.89237	478.067144	420.555605	71.3	0.000719	0.00033	0.00018	24	4.3

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137.698859	1	1.5412
136.910152	1	1.54151
136.46972	1	1.54183
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137.107885	1	1.54311
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93.985658	1	1.55344
93.116471	1	1.55372
92.247284	1	1.55399
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91.121245	1	1.55454
91.335837	1	1.55482
91.550429	1	1.5551
91.765021	1	1.55539
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106.570295	1	1.55605
122.670068	1	1.55642
138.769841	1	1.55681
154.869615	1	1.55718
161.162263	1	1.55751
157.449661	1	1.55782
153.73706	1	1.55814
150.024459	1	1.55847
146.311858	1	1.5588

13:43:46.517	192.6	76.4	1848
13:43:47.517	192.5	76	1846
13:43:48.517	192.5	80.4	1844
13:43:49.517	192.4	80	1842
13:43:50.517	192.3	77	1845
13:43:51.517	192.3	76.3	1843
13:43:52.517	192.2	76.7	1844
13:43:53.517		79.6	1842
13:43:54.517		79	1842
13:43:55.517		79.2	1840
13:43:56.517		77.9	1841
13:43:57.517		77.6	1843
13:43:58.517		76.8	1842
13:43:59.517		77.3	1844
13:44:00.517	192.2	77.6	1844
13:44:01.517	192.2	78.4	1843
13:44:02.517	192.2	77.7	1841
13:44:03.517	192.2	77.7	1841
13:44:04.517	192.2	76.8	1843
13:44:05.517	192.2	76.4	1846
13:44:06.517	192.2	74.8	1846
13:44:07.517	192.2	73.8	1843
13:44:08.517	192.2	74	1845
13:44:09.517	192.2	73.7	1846
13:44:10.517	192.2	73.6	1844
13:44:11.517	192.2	75.2	1844
13:44:12.517	192.2	75	1846
13:44:13.517	192.2	75.2	1843
13:44:14.517	192.2	73.3	1843
13:44:15.517	192.2	72.5	1843
13:44:16.517	192.2	72.3	1842
13:44:17.517	192.2	72.4	1839
13:44:18.517	192.2	73.4	1840
13:44:19.517	192.2	73.1	1840
13:44:20.517		74.2	1840
13:44:21.517		77.8	1837
13:44:22.517		80.7	1837
13:44:23.517		80.4	1835
13:44:24.517		77.5	1841
13:44:25.517		70.1	1841
13:44:26.517		69	1841
13:44:27.517		73.1	1840
13:44:28.517	192.2	68.8	1837
13:44:29.517	192.2	65.9	1832
13:44:30.517	192.2	67.1	1827
13:44:31.517	192.2	71.3	1823
13:44:32.517	192.2	69.1	1819
13:44:33.517	192.2	72.5	1815
13:44:34.517	192.2	76.4	1810
13:44:35.517	192.2	81.1	1809
13:44:36.517	192.2	76.6	1808
13:44:37.517	192.2	75	1808
13:44:38.517	192.2	78.7	1810
13:44:39.517	192.2	83.2	1813
13:44:40.517	192.2	81.7	1815
13:44:41.517	192.2	76.2	1820
13:44:42.517	192.2	70.2	1822
13:44:43.517	192.2	68.7	1823
13:44:44.517	192.2	69.3	1819
13:44:45.517	192.2	70.5	1814
13:44:46.517	192.2	70.5	1812
13:44:47.517	192.2	68.1	1803
13:44:48.517		31.8	1795

43.31055	477.091217	404.7	71.3	0.000674	0.00032	0.00013	24	4.3
41.26884	476.11529	404.7	71.5	0.000635	0.0003	0.00014	24	4.3
40.30901	475.139362	404.280583	71.5	0.000634	0.0003	0.00014	24	4.4
42.09214	474.163435	427.353091	71.5	0.000676	0.00031	0.00013	24	4.4
42.60227	473.563237	403.71879	71.5	0.000695	0.00032	0.00019	24	4.4
41.40451	472.989159	402.9	71.3	0.000663	0.00031	0.00009	24	4.4
40.4728	472.415081	403.409735	71.5	0.000638	0.0003	0.00012	24	4.4
40.112	471.841002	402.372889	71.5	0.000641	0.0003	0.00008	24	4.4
41.04314	471.571558	426.054194	71.3	0.000663	0.00032	0.0001	24	4.5
41.54901	471.747808	402.1	71.3	0.000675	0.00032	0.00012	24	4.5
42.19709	471.924058	401.34031	71.3	0.000688	0.00033	0.00007	24	4.5
42.57245	472.100308	401.3	71.3	0.00069	0.00033	0.00011	24	4.5
41.58958	472.276559	422.472865	71.3	0.000675	0.00032	0.00004	24	4.5
42.0082	471.993767	403.120079	71.3	0.000656	0.00032	0.00009	24	4.5
40.32295	471.640557	400.5	71.3	0.000641	0.00031	0.00006	24	4.5
40.79397	471.287347	400.5	71.3	0.000639	0.00031	0.00008	24	4.5
40.33743	470.934137	400.058223	71.3	0.000637	0.0003	0.00008	24	4.5
39.85741	470.520423	430.407582	71.3	0.000649	0.00031	0.00006	24	4.5
40.55264	469.046783	399.7	71.3	0.000651	0.00031	0.00012	24	4.5
39.90931	467.573142	399.403511	71.3	0.000647	0.00031	0.00006	24	4.5
38.72885	466.099502	398.9	71.3	0.000617	0.0003	0.00014	24	4.5
37.34652	464.625861	398.9	71.5	0.000587	0.00029	0.00009	24	4.5
37.21577	463.278876	428.609524	71.5	0.00058	0.00028	0.00009	24	4.5
37.5615	462.341908	398.9	71.5	0.000592	0.00029	0.0001	24	4.5
37.9395	461.40494	398.9	71.5	0.000594	0.00029	0.00008	24	4.5
38.43779	460.467973	398.9	71.3	0.000597	0.0003	0.00015	24	4.6
38.16876	459.531005	403.270685	71.3	0.000598	0.0003	0.00004	24	4.7
38.42302	458.455076	414.301818	71.3	0.000603	0.0003	0.00003	24	4.7
36.86019	457.260772	398.3344	71.3	0.000586	0.00029	0.00001	24	4.6
37.58855	456.066468	398.9	71.3	0.000583	0.00029	0.00004	24	4.6
36.97836	454.872164	398.9	71.5	0.000569	0.00029	0.00007	24	4.6
37.55461	453.9	425.900649	71.3	0.000571	0.00029	0.00009	24	4.6
37.12777	453.9	398.9	71.3	0.000577	0.00029	0.00013	24	4.6
37.70623	453.9	398.9	71.2	0.000585	0.0003	0.00007	24	4.6
37.79108	453.9	398.9	71.2	0.000589	0.0003	0.00015	24	4.6
38.17323	453.9	399.820502	71.2	0.000606	0.0003	0.00008	24	4.6
40.52001	453.976443	415.468939	71.1	0.000643	0.00031	0.00014	24	4.6
42.83218	454.141903	399.029753	71.1	0.000704	0.00034	0.00012	24	4.6
44.42484	454.307363	399.7	71.1	0.000707	0.00034	0.0001	24	4.6
39.20555	454.472823	399.01588	71.1	0.000617	0.00031	0.00012	24	4.6
35.91032	454.638283	407.254127	71.1	0.000543	0.00028	0.00005	24	4.6
35.81149	451.838603	408.352142	71.2	0.00054	0.00028	0.00012	24	4.6
34.18743	447.274971	399.7	71.2	0.00052	0.00027	0.00007	24	4.6
32.87012	442.711339	399.134386	71.2	0.000491	0.00026	0.0001	24	4.7
33.97733	438.147706	399.7	71.2	0.000495	0.00027	0.00013	24	4.7
36.52119	436.160521	411.836108	71.2	0.00053	0.00028	0.00014	24	4.6
35.82799	438.449142	398.575774	70.8	0.000537	0.00028	0.00019	24	4.6
36.50187	440.737762	398.72003	70.7	0.000548	0.00028	0.00013	24	4.6
37.51954	443.026383	399.639551	70.5	0.000576	0.00029	0.00018	24	4.6
40.98785	445.315003	405.915342	70.3	0.000646	0.00031	0.00013	24	4.5
40.732	448.459849	407.131039	70.1	0.00067	0.00032	0.00017	24	4.5
39.70221	452.051704	398.2	70	0.000639	0.00031	0.00016	24	4.5
38.8506	455.64356	398.9	70	0.000622	0.0003	0.00013	24	4.5
41.52195	459.235415	398.9	70.1	0.000675	0.00032	0.00015	24	4.5
47.37675	461.049598	425.162792	70.1	0.000811	0.00037	0.00012	24	4.6
47.66087	458.425815	398.602854	70.1	0.000806	0.00039	0.00022	24	4.6
41.33629	455.802031	398.2	70.2	0.000649	0.00033	0.00007	24	4.6
36.59145	453.178248	398.2	70.4	0.000514	0.00027	0.00011	24	4.6
32.45889	450.554465	402.720482	70.5	0.000481	0.00026	0.00008	24	4.6
32.83705	444.122064	408.38209	70.5	0.000482	0.00026	0.00008	24	4.6
34.59208	434.697179	396.72755	70.4	0.000507	0.00027	0.00012	24	4.6
34.53322	425.272294	396.6	70.3	0.000505	0.00027	0.00011	24	4.6
31.89995	415.847409	396.6	70.1	0.000466	0.00027	0.00016	24	4.7

143.428078	1	1.55912
140.620302	1	1.55942
137.812527	1	1.55972
135.004752	1	1.56003
132.628571	1	1.56035
131.32987	1	1.56066
130.031169	1	1.56096
128.732468	1	1.56126
127.433766	1	1.56158
127	1	1.5619
127	1	1.56223
127	1	1.56256
127	1	1.56288
126.938546	1	1.5632
126.514728	1	1.56351
126.090909	1	1.56382
125.66709	1	1.56412
125.243272	1	1.56443
123.792713	1	1.56474
120.958704	1	1.56505
118.124696	1	1.56535
115.290688	1	1.56564
112.45668	1	1.56592
109.857692	1	1.56621
107.507265	1	1.5665
105.156838	1	1.5668
102.80641	1	1.5671
100.455983	1	1.5674
99.258851	1	1.56769
98.33931	1	1.56798
97.41977	1	1.56827
96.50023	1	1.56856
96	1	1.56885
96	1	1.56915
96	1	1.56945
96	1	1.56975
96	1	1.57006
98.958132	1	1.5704
102.955607	1	1.57074
106.953082	1	1.57105
110.950558	1	1.57133
114.948033	1	1.57161
107.722581	1	1.57188
100.349309	1	1.57214
92.976037	1	1.57241
85.602765	1	1.57269
84.367865	1	1.57297
86.48203	1	1.57325
88.596195	1	1.57354
90.710359	1	1.57385
92.824524	1	1.57417
97.627064	1	1.57448
102.672936	1	1.57478
107.718807	1	1.5751
112.764679	1	1.57547
113.080551	1	1.57586
109.634504	1	1.57619
106.188456	1	1.57646
102.742408	1	1.57672
99.29636	1	1.57698
84.706512	1	1.57725
69.068123	1	1.57752
53.429734	1	1.57779

13:44:49.517		9.3	1769
13:44:50.517		16	1747
13:44:51.517		50.2	1732
13:44:52.517		51.9	1722
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13:44:54.517		69	1714
13:44:55.517		68.6	1713
13:44:56.517	192.2	67.9	1709
13:44:57.517	192.2	73.1	1707
13:44:58.517	192.2	77.3	1705
13:44:59.517	192.2	78.2	1706
13:45:00.517	192.2	74.7	1705
13:45:01.517	192.2	60.2	1703
13:45:02.517	192.2	63.7	1701
13:45:03.517	192.2	69.3	1696
13:45:04.517	192.2	67.1	1692
13:45:05.517	192.2	68.9	1688
13:45:06.517	192.2	70.2	1685
13:45:07.517	192.2	71.9	1686
13:45:08.517	192.2	72.3	1685
13:45:09.517	192.2	78.5	1685
13:45:10.517	192.2	84.6	1691
13:45:11.517	192.2	80.8	1708
13:45:12.517	192.2	78.1	1728
13:45:13.517	192.2	74.2	1747
13:45:14.517	192.2	79.3	1761
13:45:15.517	192.2	79.2	1772
13:45:16.517		79.4	1782
13:45:17.517		83.3	1788
13:45:18.517		83.3	1799
13:45:19.517		80.5	1805
13:45:20.517		81.3	1816
13:45:21.517		84.3	1829
13:45:22.517		69.9	1840
13:45:23.517		66.4	1839
13:45:24.517	193.3	73.7	1838
13:45:25.517	193.4	73.5	1834
13:45:26.517	193.6	74	1834
13:45:27.517	193.7	73.4	1832
13:45:28.517	193.8	72.2	1828
13:45:29.517	193.9	72.3	1827
13:45:30.517	194.1	72.6	1824
13:45:31.517	194.2	73.7	1821
13:45:32.517	194.3	73.8	1817
13:45:33.517	194.5	73.6	1816
13:45:34.517	194.6	76.8	1810
13:45:35.517	194.7	80.9	1807
13:45:36.517	194.8	78.6	1808
13:45:37.517	195	76.1	1808
13:45:38.517	195.1	76.6	1807
13:45:39.517	195.2	78	1804
13:45:40.517	195.4	77.6	1802
13:45:41.517	195.5	74.5	1798
13:45:42.517	195.6	73.8	1798
13:45:43.517	195.8	73.2	1793
13:45:44.517		71.2	1788
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13:45:46.517		72.4	1778
13:45:47.517		72.6	1774
13:45:48.517		80.8	1773
13:45:49.517		82	1774
13:45:50.517		78.3	1776
13:45:51.517		77.1	1776

23.9809	406.422524	399.896986	69.9	0.000291	0.0002	0.00009	24	4.6
26.55299	400.062143	395.662366	69.5	0.000172	0.00018	0.0001	24	4.7
23.77194	393.742126	395	68.6	0.000125	0.00018	0.00008	24	4.8
27.97735	387.422109	394.547826	67.8	0.000184	0.00021	0.00007	24	4.8
32.77716	381.102093	394.2	67.1	0.000322	0.00026	0.00015	24	4.7
50.43513	378.61041	386.905409	66.7	0.000592	0.00036	0.00011	24	4.6
32.95433	387.244825	394.2	66.3	0.000472	0.00026	0.00012	24	4.6
27.7461	395.879241	394.2	66.3	0.000421	0.00024	0.00006	24	4.6
32.326	404.513656	394.2	66.3	0.00045	0.00025	0.00011	24	4.7
34.64062	413.148071	393.468405	66.2	0.000499	0.00026	0.0001	24	4.6
35.82538	418.451403	402.514051	66.1	0.000555	0.00028	0.00009	24	4.6
35.919	417.755054	393.014255	66.1	0.000569	0.00028	0.00012	24	4.6
30.28023	417.058704	392.7	66.1	0.000507	0.00025	0.00006	24	4.6
29.30992	416.362355	392.7	66.1	0.000456	0.00024	0.0001	24	4.6
31.11984	415.666005	394.359609	66.1	0.000438	0.00024	0.00008	24	4.7
30.69057	415.52349	395.635448	65.8	0.000469	0.00025	0.00012	24	4.7
31.38	415.723313	391.9	65.6	0.000465	0.00025	0.0001	24	4.6
31.46062	415.923135	391.304416	65.5	0.000472	0.00025	0.00009	24	4.6
32.60675	416.122957	391.450638	65.4	0.000483	0.00025	0.00013	24	4.6
33.13	418.03304	402.55151	65.2	0.000506	0.00026	0.00011	24	4.6
35.91389	433.235149	390.923118	65.2	0.000571	0.00029	0.00016	24	4.6
50.43722	448.437258	390.4	65.1	0.000853	0.0004	0.00011	24	4.6
75.97647	463.639367	390.4	65.1	0.001158	0.00052	0.00023	24	4.6
71.38525	478.841476	398.489242	65.3	0.00122	0.00056	0.00018	24	4.6
65.33444	486.340927	408.703858	65.9	0.001088	0.00051	0.00013	24	4.6
61.13596	487.837239	388.158547	66.7	0.000967	0.00046	0.00017	24	4.6
48.8881	489.333551	387.878974	67.5	0.00087	0.00042	0.00003	24	4.6
46.97	490.829863	386.909247	68.1	0.000739	0.00037	0.00015	24	4.7
50.27464	492.326175	415.05779	68.5	0.000851	0.0004	0.0001	24	4.7
61.18293	496.711934	387.659311	68.8	0.001029	0.00047	0.00017	24	4.6
63.40552	501.744901	384.9	69.2	0.001101	0.00051	0.00007	24	4.6
61.99273	506.777868	384.361176	69.4	0.001019	0.00048	0.00003	24	4.7
57.46703	511.810835	384.1	69.8	0.000951	0.00044	0.0001	24	4.6
53.716	513.285937	440.311013	70.3	0.000934	0.00044	0.0001	24	4.6
39.17	504.993567	382.329362	70.7	0.000575	0.0003	0.00016	24	4.6
33.51463	496.701197	381.8	71.1	0.000523	0.00028	0.00011	24	4.5
36.19671	488.408827	381.8	71.2	0.000537	0.00027	0.00016	24	4.5
37.47523	480.116457	386.574843	71.2	0.000558	0.00028	0.00012	24	4.5
37.01935	474.610218	402.339987	71.1	0.000568	0.00028	0.00013	24	4.6
36.82	471.056167	380.9	71	0.000574	0.00029	0.00017	24	4.6
37.12241	467.502116	380.2	70.9	0.000572	0.00029	0.0001	24	4.6
36.56133	463.948064	380.2	70.9	0.000571	0.00029	0.00017	24	4.6
37.06938	460.394013	403.730476	70.8	0.000573	0.00029	0.00011	24	4.6
37.5778	460.438967	380.2	70.7	0.000574	0.00029	0.00017	24	4.6
37.63537	461.064945	380.2	70.4	0.000582	0.00029	0.00013	24	4.6
37.95892	461.690923	380.2	70.4	0.000591	0.00029	0.00012	24	4.6
40.89486	462.316901	380.2	70.2	0.000648	0.00031	0.00015	24	4.6
41.14317	462.835636	409.921154	70.1	0.000682	0.00033	0.00014	24	4.6
40.59975	463.185215	380.530032	70	0.000666	0.00032	0.00019	24	4.6
40.50578	463.534793	380.9	70.1	0.000646	0.00032	0.00009	24	4.6
39.96051	463.884372	380.9	70	0.000624	0.00031	0.00014	24	4.6
39.01588	464.23395	381.8	70	0.000624	0.00031	0.0001	24	4.6
38.23448	462.958778	400.882511	69.9	0.000604	0.0003	0.00011	24	4.6
36.5716	460.213593	382.6	69.7	0.000583	0.00029	0.00013	24	4.6
36.05328	457.468408	382.70611	69.7	0.000556	0.00028	0.00011	24	4.6
35.26745	454.723223	383.4	69.6	0.000541	0.00027	0.00014	24	4.6
35.18238	452.018063	409.703249	69.5	0.000537	0.00027	0.00008	24	4.7
35.44319	454.275923	383.4	69.3	0.000539	0.00028	0.00016	24	4.7
35.44125	456.533783	383.628846	69	0.000546	0.00029	0.00012	24	4.8
38.49759	458.791644	384.9	68.9	0.000603	0.00031	0.00014	24	4.7
45.04521	461.049504	384.9	68.7	0.000725	0.00035	0.00014	24	4.7
46.8758	462.490752	417.805	68.6	0.000788	0.00038	0.00014	24	4.7
45.72602	461.712878	386.4	68.6	0.000745	0.00037	0.00017	24	4.7

37.791345	1	1.57799
35.420597	1	1.57817
73.715707	1	1.57835
112.010818	1	1.57856
150.305928	1	1.57882
188.601039	1	1.57918
190.662454	1	1.57944
170.890746	1	1.57968
151.119038	1	1.57993
131.34733	1	1.58019
111.575622	1	1.58047
102.956982	1	1.58075
98.718796	1	1.581
94.48061	1	1.58124
90.242424	1	1.58148
86.004238	1	1.58173
85.565747	1	1.58198
85.131058	1	1.58223
84.69637	1	1.58248
84.261682	1	1.58274
127.529859	1	1.58303
236.901364	1	1.58343
346.27287	1	1.58395
455.644375	1	1.58451
565.01588	1	1.58502
497.298586	1	1.58548
415.635788	1	1.5859
333.97299	1	1.58627
252.310192	1	1.58667
186.161028	1	1.58714
187.017559	1	1.58765
187.87409	1	1.58813
188.730621	1	1.58857
189.587152	1	1.58901
182.222222	1	1.58931
167.207207	1	1.58959
152.192192	1	1.58986
137.177177	1	1.59014
122.162162	1	1.59042
117.224984	1	1.59071
113.983142	1	1.591
110.741301	1	1.59129
107.49946	1	1.59158
104.95	1	1.59187
104.731659	1	1.59216
104.513319	1	1.59245
104.294978	1	1.59276
104.076638	1	1.59309
107.696056	1	1.59341
113.391057	1	1.59373
119.086058	1	1.59404
124.781059	1	1.59435
130.47606	1	1.59465
124.940151	1	1.59494
118.266308	1	1.59522
111.592465	1	1.59549
104.918622	1	1.59576
101.021139	1	1.59604
104.903796	1	1.59633
108.786454	1	1.59664
112.669111	1	1.59699
116.551769	1	1.59737
119.856206	1	1.59774

13:45:52.517	195.2	78.4	1778
13:45:53.517	195.2	75.1	1781
13:45:54.517	195.1	67.5	1777
13:45:55.517	195.1	60.2	1767
13:45:56.517	195	60.2	1755
13:45:57.517	194.9	63	1743
13:45:58.517	194.9	66.8	1733
13:45:59.517	194.8	77.5	1731
13:46:00.517	194.7	87.9	1730
13:46:01.517	194.7	84.4	1735
13:46:02.517	194.6	80.7	1739
13:46:03.517	194.5	63.7	1740
13:46:04.517	194.5	73.5	1741
13:46:05.517	194.4	77.7	1739
13:46:06.517	194.3	69.1	1734
13:46:07.517	194.3	75.2	1729
13:46:08.517	194.2	87.3	1734
13:46:09.517	194.2	79.3	1751
13:46:10.517	194.1	75.7	1772
13:46:11.517	194	75.8	1789
13:46:12.517		82.5	1802
13:46:13.517		82.1	1808
13:46:14.517		79.6	1815
13:46:15.517		78.2	1824
13:46:16.517		76.8	1825
13:46:17.517		76.5	1832
13:46:18.517		76.5	1834
13:46:19.517	193.5	76.1	1838
13:46:20.517	193.4	77.7	1838
13:46:21.517	193.4	78.7	1841
13:46:22.517	193.3	79	1841
13:46:23.517	193.2	78	1839
13:46:24.517	193.2	77	1842
13:46:25.517	193.1	76.8	1841
13:46:26.517	193	77.1	1840
13:46:27.517	193	78.7	1841
13:46:28.517	192.9	79.6	1842
13:46:29.517	192.8	78.6	1842
13:46:30.517	192.8	76.8	1845
13:46:31.517	192.7	76.5	1844
13:46:32.517	192.6	76.5	1842
13:46:33.517	192.6	77.4	1843
13:46:34.517	192.5	77.8	1842
13:46:35.517	192.4	79.2	1843
13:46:36.517	192.4	79.2	1842
13:46:37.517	192.3	77.9	1843
13:46:38.517	192.2	77.7	1843
13:46:39.517		77.8	1844
13:46:40.517		77.8	1846
13:46:41.517		77.9	1844
13:46:42.517		76.8	1844
13:46:43.517		77.1	1844
13:46:44.517		78.8	1847
13:46:45.517		77.7	1845
13:46:46.517	191.7	76.4	1844
13:46:47.517	191.6	75.8	1844
13:46:48.517	191.6	79.7	1842
13:46:49.517	191.5	79	1845
13:46:50.517	191.4	74.7	1845
13:46:51.517	191.4	76.2	1847
13:46:52.517	191.3	77.7	1844
13:46:53.517	191.2	75.7	1847
13:46:54.517	191.2	76.2	1844

44.57677	460.935004	386.984615	68.7	0.000724	0.00037	0.00009	24	4.7
43.35759	460.157131	387.2	68.8	0.000681	0.00035	0.00016	24	4.7
33.73517	459.379257	397.57862	68.8	0.000491	0.00027	0.00007	24	4.8
27.13839	454.796418	402.057795	68.9	0.000398	0.00024	0.00008	24	4.8
28.79924	448.082561	387.265154	68.9	0.000362	0.00023	0.00012	24	4.8
29.08042	441.368704	388.142373	68.5	0.000372	0.00023	0.00012	24	4.8
30.9744	434.654848	388.371928	68	0.000406	0.00024	0.00017	24	4.8
41.09252	427.940991	403.317659	67.6	0.000587	0.00032	0.00014	24	4.7
51.91147	434.6669	388.7	67.2	0.000769	0.00038	0.00024	24	4.7
49.79343	441.681098	388.80038	67	0.000854	0.00041	0.00017	24	4.8
51.93109	448.695296	389.97375	67	0.000863	0.00042	0.00019	24	4.8
42.04667	455.709494	389.772381	67.1	0.000681	0.00036	0.00016	24	4.8
34.59123	461.392997	420.685337	67.2	0.000504	0.00028	0.00009	24	4.8
33.20683	463.28914	390.789221	67.4	0.000504	0.00027	0.00012	24	4.8
31.30485	465.185283	390.4	67.4	0.000507	0.00027	0.00008	24	4.8
35.19069	467.081426	390.284492	67.3	0.000526	0.00027	0.00016	24	4.8
60.69224	468.977569	400.465513	67.2	0.000998	0.00048	0.0002	24	4.8
84.96392	475.401838	407.075325	67	0.001381	0.00067	0.00035	24	4.8
76.11945	484.613208	390.953318	66.9	0.001247	0.00063	0.00019	24	4.8
61.1365	493.824578	391.9	67.2	0.001003	0.00051	0.0001	24	4.8
53.51774	503.035948	391.9	67.8	0.000853	0.00042	0.00017	24	4.8
51.28314	512.247318	434.048916	69.1	0.000865	0.00042	0.00005	24	4.8
50.88931	509.333215	391.1	69.6	0.000873	0.00042	0.00011	24	4.8
51.20073	505.645146	391.1	70	0.000843	0.00042	0.00004	24	4.8
49.41662	501.957076	391.1	70.2	0.000802	0.00041	0.0001	24	4.8
47.40704	498.269007	391.130453	70.4	0.000757	0.00039	0.00008	24	4.8
44.8055	495.062542	417.025	70.7	0.000703	0.00037	0.00007	24	4.8
42.37608	492.471521	390.4	70.9	0.00065	0.00034	0.00011	24	4.8
39.90229	489.8805	390.4	71	0.000626	0.00033	0.00005	24	4.8
39.45609	487.28948	390.4	71.1	0.000627	0.00033	0.00014	24	4.9
41.00264	484.698459	424.212842	71.2	0.000657	0.00034	0.00007	24	4.9
41.90336	482.619279	389.717021	71.2	0.000674	0.00035	0.00013	24	4.9
40.84485	480.560318	390.4	71.1	0.000657	0.00034	0.00009	24	4.9
39.66145	478.501357	389.604692	71.2	0.000644	0.00034	0.00001	24	4.9
39.82155	476.442396	404.281122	71.2	0.000629	0.00033	0.00003	24	4.9
40.57362	475.281705	404.206632	71.2	0.000633	0.00033	0	24	4.9
40.44527	474.528368	390.4	71.3	0.000652	0.00034	0.00008	24	4.9
41.20145	473.775032	389.75649	71.3	0.00066	0.00034	0.00007	24	4.9
41.00475	473.021696	390.4	71.3	0.000647	0.00034	0.0001	24	4.9
40.76734	472.3	424.553086	71.3	0.000635	0.00033	0.00008	24	4.8
39.32567	472.3	391.1	71.3	0.00063	0.00032	0.00008	24	4.8
39.61981	472.3	390.693342	71.3	0.00063	0.00033	0.00012	24	4.9
39.93639	472.3	390.4	71.3	0.000642	0.00033	0.00008	24	4.9
40.41726	472.3	399.475137	71.3	0.000652	0.00033	0.00012	24	4.8
41.31354	472.3	410.347631	71.3	0.000679	0.00035	0.00007	24	4.9
42.87631	472.3	392.443557	71.3	0.000693	0.00036	0.00013	24	4.9
42.17676	472.3	391.9	71.3	0.00069	0.00036	0.0001	24	4.9
41.55012	472.3	392.363051	71.3	0.000684	0.00035	0.00011	24	4.9
41.66953	472.3	416.4125	71.3	0.000665	0.00035	0.00011	24	4.9
41.6993	472.14852	397.581801	71.3	0.000653	0.00034	0.00006	24	4.9
40.8674	471.971763	393.4	71.3	0.000644	0.00033	0.00015	24	4.8
40.2406	471.795007	394.2	71.3	0.000635	0.00033	0.00009	24	4.8
40.04436	471.61825	394.2	71.3	0.000632	0.00033	0.00014	24	4.8
40.01667	471.5	423.909884	71.3	0.000638	0.00033	0.00009	24	4.8
39.30693	471.5	395	71.3	0.000638	0.00032	0.00012	24	4.7
38.94714	471.5	395	71.5	0.000628	0.00032	0.00015	24	4.7
40.12866	471.5	396.408214	71.5	0.000643	0.00032	0.00012	24	4.7
41.05655	471.5	413.348489	71.3	0.000675	0.00034	0.00018	24	4.7
40.50269	470.61949	399.958631	71.3	0.000652	0.00033	0.00008	24	4.7
39.44828	469.472994	397.3983	71.3	0.000619	0.00032	0.00016	24	4.8
39.24081	468.326497	397.4	71.5	0.000618	0.00032	0.00011	24	4.7
38.80283	467.18	397.4	71.5	0.000616	0.00031	0.00012	24	4.7
37.92914	466.078277	426.924757	71.5	0.000617	0.00031	0.00013	24	4.7

122.816663	1	1.59811
125.77712	1	1.59846
128.737577	1	1.59873
131.698033	1	1.59897
127.171005	1	1.5992
121.793504	1	1.59943
116.416003	1	1.59967
111.038503	1	1.59999
114.118908	1	1.60037
142.708902	1	1.60078
171.298895	1	1.6012
199.888889	1	1.60156
228.478882	1	1.60184
300.697454	1	1.60211
398.320008	1	1.60238
495.942563	1	1.60265
593.565117	1	1.60313
691.187671	1	1.6038
601.0841	1	1.60443
485.13882	1	1.60494
369.193541	1	1.60536
253.248262	1	1.60578
187.867082	1	1.6062
192.312514	1	1.60662
196.757946	1	1.60703
201.203379	1	1.60742
205.648811	1	1.60779
192.00304	1	1.60813
176.805471	1	1.60846
161.607903	1	1.60879
146.410334	1	1.60913
135.493918	1	1.60948
133.887308	1	1.60982
132.280698	1	1.61016
130.674088	1	1.61049
129.067478	1	1.61082
127.319298	1	1.61116
125.564912	1	1.6115
123.810526	1	1.61184
122.05614	1	1.61217
120.737525	1	1.61249
120.078039	1	1.61282
119.418554	1	1.61315
118.759068	1	1.61348
118.099582	1	1.61383
119.615092	1	1.61419
121.517438	1	1.61455
123.419784	1	1.6149
125.322131	1	1.61525
126.840145	1	1.61559
125.485437	1	1.61592
124.130729	1	1.61625
122.776022	1	1.61658
121.421314	1	1.61691
119.182857	1	1.61723
116.545495	1	1.61755
113.908132	1	1.61787
111.270769	1	1.61821
109.029443	1	1.61854
109.241262	1	1.61886
109.453082	1	1.61918
109.664902	1	1.61949
109.876721	1	1.6198

13:46:55.517	191.1	77.1	1843
13:46:56.517	191.1	76.1	1842
13:46:57.517	191	76.2	1843
13:46:58.517	190.9	77.4	1842
13:46:59.517	190.9	81	1840
13:47:00.517	190.8	80.4	1838
13:47:01.517	190.7	78.6	1842
13:47:02.517	190.7	77.4	1839
13:47:03.517	190.6	78.6	1838
13:47:04.517	190.5	79	1841
13:47:05.517	190.5	76.6	1844
13:47:06.517		74.3	1842
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13:47:09.517		80.2	1840
13:47:10.517		79.6	1845
13:47:11.517		78.3	1842
13:47:12.517		79.1	1843
13:47:13.517		78.5	1842
13:47:14.517	190.9	78.4	1842
13:47:15.517	191	78.7	1843
13:47:16.517	191.1	78.6	1844
13:47:17.517	191.1	78.1	1843
13:47:18.517	191.2	79	1842
13:47:19.517	191.2	79.5	1843
13:47:20.517	191.3	77.3	1844
13:47:21.517	191.4	75.8	1848
13:47:22.517	191.4	76.3	1846
13:47:23.517	191.5	78.1	1845
13:47:24.517	191.6	80	1844
13:47:25.517	191.6	79.1	1845
13:47:26.517	191.7	78	1846
13:47:27.517	191.8	78	1845
13:47:28.517	191.8	76.5	1843
13:47:29.517	191.9	77.1	1844
13:47:30.517	192	76.1	1845
13:47:31.517	192	77.8	1842
13:47:32.517	192.1	79.2	1844
13:47:33.517	192.2	78.8	1843
13:47:34.517		78	1842
13:47:35.517		77.1	1844
13:47:36.517		75.6	1844
13:47:37.517		78.4	1844
13:47:38.517		77.4	1845
13:47:39.517		75.2	1846
13:47:40.517		75.1	1846
13:47:41.517		75.5	1845
13:47:42.517	192.2	75.8	1844
13:47:43.517	192.2	77.6	1845
13:47:44.517	192.2	76.1	1844
13:47:45.517	192.2	74.1	1844
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13:47:47.517	192.2	74	1842
13:47:48.517	192.2	76.9	1843
13:47:49.517	192.2	76.3	1844
13:47:50.517	192.2	75.2	1844
13:47:51.517	192.2	76.8	1844
13:47:52.517	192.2	76.3	1842
13:47:53.517	192.2	76.1	1844
13:47:54.517	192.2	76.1	1845
13:47:55.517	192.2	77.4	1843
13:47:56.517	192.2	79	1841
13:47:57.517	192.2	77.3	1844

38.67172	465.703745	398.2	71.5	0.000625	0.00032	0.00008	24	4.7
38.61969	465.329213	398.2	71.3	0.000623	0.00031	0.00013	24	4.7
38.5244	464.954682	398.2	71.3	0.000615	0.00031	0.00008	24	4.7
38.63	464.58015	398.89925	71.3	0.000622	0.00031	0.00013	24	4.7
40.02243	465.319717	414.882634	71.5	0.000643	0.00032	0.0001	24	4.8
42.20946	467.091812	398.519788	71.3	0.000697	0.00035	0.00011	24	4.8
43.75677	468.863908	398.9	71.2	0.000725	0.00036	0.00013	24	4.8
44.3173	470.636003	398.9	71.2	0.000732	0.00037	0.00007	24	4.8
44.83758	472.276996	430.936351	71.2	0.000735	0.00037	0.00012	24	4.8
46.05858	471.899889	399.509365	71.2	0.000738	0.00037	0.00008	24	4.8
44.53051	471.522782	399.211176	71.2	0.00071	0.00037	0.00011	24	4.8
41.10228	471.145674	399.026744	71.2	0.000655	0.00034	0.00007	24	4.8
39.67451	470.768567	406.447979	71.3	0.000622	0.00032	0.00009	24	4.8
40.38347	471.088104	418.903869	71.3	0.000651	0.00033	0.00012	24	4.8
41.27563	471.970752	399.7	71.3	0.000666	0.00034	0.00008	24	4.8
42.8241	472.8534	399.7	71.3	0.000691	0.00035	0.00013	24	4.8
42.87338	473.736048	398.916187	71.3	0.000704	0.00035	0.00005	24	4.8
43.60727	474.618696	404.15441	71.3	0.000704	0.00036	0.00011	24	4.9
43.39592	475.097699	417.092996	71.3	0.000705	0.00037	0.0001	24	4.9
43.10003	475.269705	399.7	71.3	0.000691	0.00036	0.00009	24	4.9
42.83273	475.441711	398.921025	71.3	0.000689	0.00036	0.00012	24	4.9
43.45462	475.613717	399.7	71.3	0.000684	0.00035	0.00004	24	4.8
42.27565	475.785724	422.748414	71.3	0.000685	0.00035	0.00013	24	4.8
43.1319	475.45851	401.231883	71.3	0.000686	0.00035	0.00006	24	4.9
44.49668	475.086112	399.7	71.3	0.000705	0.00036	0.00013	24	4.9
43.97304	474.713713	399.259942	71.3	0.000704	0.00036	0.00006	24	4.9
41.7689	474.341314	399.627273	71.2	0.000668	0.00035	0.00009	24	4.9
39.58895	473.90061	424.624823	71.3	0.000625	0.00033	0.00008	24	4.9
39.54449	473.334161	399.7	71.3	0.000623	0.00033	0.00009	24	4.9
39.71515	472.767712	399.689333	71.3	0.000641	0.00033	0.00015	24	4.9
41.32847	472.201264	398.9	71.3	0.000659	0.00034	0.00006	24	4.9
40.75304	471.634815	414.894491	71.3	0.000661	0.00034	0.00013	24	4.9
40.56927	470.907388	407.174936	71.3	0.000645	0.00033	0.00011	24	4.8
39.80071	470.129682	398.9	71.3	0.000631	0.00032	0.00011	24	4.8
39.05033	469.351977	398.9	71.3	0.000624	0.00032	0.00013	24	4.8
39.16233	468.574271	398.521244	71.3	0.000615	0.00032	0.00007	24	4.8
38.44336	467.924353	431.281481	71.3	0.000618	0.00032	0.00005	24	4.8
39.74065	468.107462	398.9	71.5	0.00063	0.00033	0.00001	24	4.9
40.19456	468.29057	399.471875	71.3	0.000649	0.00033	0.00008	24	4.8
40.74511	468.473678	398.9	71.3	0.000667	0.00034	0.00007	24	4.8
41.0882	468.656786	415.161816	71.3	0.000662	0.00033	0.00015	24	4.8
40.21112	468.143292	403.051101	71.3	0.00065	0.00033	0.00015	24	4.8
40.9304	467.414616	398.9	71.3	0.000643	0.00033	0.00013	24	4.8
39.90137	466.685941	398.9	71.3	0.000637	0.00032	0.0002	24	4.8
38.82962	465.957265	398.9	71.3	0.00062	0.00031	0.00013	24	4.8
37.86956	465.245063	428.940562	71.5	0.000594	0.00031	0.00018	24	4.8
38.06346	464.684476	398.9	71.5	0.000598	0.00031	0.0001	24	4.8
38.4347	464.12389	398.9	71.5	0.00061	0.00031	0.00016	24	4.8
39.12432	463.563303	398.9	71.3	0.000624	0.00032	0.00014	24	4.8
39.32393	463.002717	399.831711	71.3	0.000623	0.00032	0.00014	24	4.7
38.74356	462.518421	416.674194	71.3	0.000616	0.00031	0.00017	24	4.7
38.14012	462.123684	398.9	71.3	0.000601	0.00031	0.00008	24	4.7
37.85219	461.728947	398.9	71.5	0.000602	0.00031	0.00015	24	4.7
38.59444	461.334211	398.9	71.3	0.000607	0.00031	0.00011	24	4.7
38.39845	460.939474	417.54375	71.3	0.000609	0.00031	0.00014	24	4.7
38.58219	460.704305	400.466008	71.3	0.000605	0.00031	0.00014	24	4.7
38.66713	460.486867	398.9	71.3	0.000611	0.00031	0.0001	24	4.7
38.76	460.269428	398.9	71.3	0.000624	0.00032	0.00017	24	4.7
38.62138	460.05199	399.513617	71.3	0.000618	0.00031	0.0001	24	4.7
38.34121	460.123931	424.462727	71.3	0.000614	0.00031	0.00017	24	4.7
38.59419	460.867886	399.207953	71.3	0.000613	0.00031	0.00012	24	4.7
39.44653	461.611841	399.7	71.3	0.000637	0.00032	0.00012	24	4.7
39.81941	462.355797	399.024374	71.3	0.000644	0.00033	0.00014	24	4.8

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41.52591	463.420379	416.909403	71.3	0.000664	0.00034	0.00017	24	4.8
41.54661	463.24804	398.9	71.2	0.000663	0.00034	0.00008	24	4.8
40.65297	463.0757	399.678517	71.2	0.000665	0.00034	0.00017	24	4.8
40.13139	462.903361	398.9	71.3	0.000641	0.00033	0.00011	24	4.8
38.10938	462.731021	413.654386	71.3	0.000596	0.00031	0.00013	24	4.8
36.886	462.7	399.743172	71.5	0.000583	0.00031	0.00012	24	4.8
38.13092	462.7	398.9	71.5	0.000601	0.00031	0.00012	24	4.8
39.36535	462.7	398.9	71.7	0.000626	0.00032	0.00015	24	4.8
40.52708	462.7	398.9	71.3	0.000648	0.00033	0.00011	24	4.8
39.69655	463.244138	425.884894	71.3	0.000655	0.00033	0.00017	24	4.7
39.89174	465.313103	398.567387	71.3	0.000646	0.00032	0.00011	24	4.7
40.87819	467.382069	398.2	71.3	0.000653	0.00033	0.00016	24	4.7
42.99214	469.451034	398.9	71.3	0.000706	0.00034	0.00012	24	4.7
45.45188	471.52	408.927052	71.2	0.000755	0.00037	0.00014	24	4.7
43.2963	472.770037	410.262739	71.2	0.000692	0.00035	0.00012	24	4.7
40.16373	473.52451	398.2	71.3	0.000631	0.00033	0.00009	24	4.7
40.353	474.278983	398.2	71.3	0.00062	0.00032	0.00015	24	4.7
42.0317	475.033455	398.2	71.3	0.000681	0.00033	0.00009	24	4.7
46.18778	475.787928	427.461667	71.3	0.000788	0.00037	0.00017	24	4.7
53.03349	476.608214	397.551887	71.2	0.000888	0.00041	0.00017	24	4.7
54.40128	477.429569	397.870526	71.1	0.000934	0.00045	0.00015	24	4.7
49.81256	478.250924	398.09125	71	0.000816	0.00042	0.00023	24	4.8
42.62446	479.072279	402.463636	71.2	0.000645	0.00035	0.00011	24	4.8
38.53524	479.946816	415.613838	71.5	0.000589	0.00031	0.00016	24	4.8
39.0782	480.856658	397.4	71.6	0.00061	0.00031	0.0001	24	4.8
40.43809	481.766501	397.4	71.6	0.000648	0.00032	0.00017	24	4.8
44.68387	482.676344	397.4	71.5	0.000726	0.00035	0.00014	24	4.7
47.77697	483.586187	417.165479	71.3	0.000798	0.00038	0.00013	24	4.6
47.99364	481.807306	406.757198	71.2	0.000784	0.00038	0.00013	24	4.7
44.48752	479.202478	397.4	71.2	0.000696	0.00036	0.00008	24	4.7
40.04038	476.597649	397.153939	71.3	0.000625	0.00033	0.00015	24	4.8
37.48537	473.992821	397.0676	71.5	0.000574	0.0003	0.00008	24	4.8
37.30305	471.442654	428.183995	71.6	0.000586	0.0003	0.00013	24	4.8
38.1658	470.109034	396.6	71.6	0.000601	0.00031	0.00011	24	4.8
38.34271	468.775414	396.6	71.6	0.000605	0.00031	0.00012	24	4.8
37.8016	467.441794	396.6	71.6	0.000606	0.00031	0.00015	24	4.8
37.2763	466.108174	396.6	71.5	0.000607	0.00031	0.0001	24	4.8
38.20788	465.221375	420.290222	71.5	0.000606	0.00031	0.00015	24	4.8
39.19779	465.021818	396.6	71.3	0.00061	0.00031	0.00004	24	4.8
39.53244	464.822262	397.255979	71.5	0.00062	0.00032	0.00006	24	4.8
38.63872	464.622705	396.6	71.3	0.000616	0.00031	0.00002	24	4.8
38.66	464.423149	415.751643	71.3	0.000621	0.00032	0.00004	24	4.8
40.381	464.923673	398.337319	71.3	0.000637	0.00031	0.00007	24	4.7
40.73711	465.516063	396.6	71.3	0.000654	0.00032	0.00002	24	4.7
41.41875	466.108453	396.6	71.3	0.000662	0.00033	0.00013	24	4.7
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44.51064	475.123942	398.113846	71.2	0.000702	0.00036	0.00005	24	4.8
44.02094	475.673858	397.762444	71.2	0.000695	0.00035	0.00007	24	4.8
43.86828	476.223773	398.2	71.2	0.000702	0.00035	0.00005	24	4.8
42.04297	476.596445	435.692537	71.2	0.00067	0.00034	0.00006	24	4.8
40.37273	475.823648	398.451069	71.3	0.00064	0.00033	0.00007	24	4.8
40.20465	475.05085	398.423669	71.5	0.000627	0.00032	0.00006	24	4.8
41.01568	474.278053	398.2	71.5	0.000659	0.00033	0.00011	24	4.8
41.40736	473.505255	407.499191	71.3	0.000673	0.00034	0.00008	24	4.8
40.99075	473.2	413.890789	71.3	0.000666	0.00033	0.00015	24	4.7
41.77443	473.2	398.767658	71.5	0.000661	0.00033	0.00012	24	4.7

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13:50:00.517		78.3	1838
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13:50:03.517	192.2	75.5	1846

41.46009	473.2	398.9	71.3	0.000659	0.00033	0.00011	24	4.7
41.26278	473.2	398.9	71.3	0.000661	0.00033	0.00013	24	4.7
42.25217	473.276122	434.868726	71.3	0.000677	0.00033	0.00009	24	4.7
42.73449	473.666493	398.2	71.3	0.000696	0.00034	0.00018	24	4.7
42.85489	474.056864	398.590526	71.3	0.000707	0.00035	0.00009	24	4.7
42.80681	474.447235	398.9	71.3	0.000697	0.00035	0.00016	24	4.7
43.12075	474.837606	406.425209	71.3	0.000683	0.00034	0.00007	24	4.7
43.12182	474.885739	415.694137	71.3	0.00067	0.00034	0.00011	24	4.7
40.35957	474.690087	398.9	71.3	0.000639	0.00033	0.00012	24	4.8
39.28129	474.494435	398.9	71.5	0.000621	0.00032	0.00009	24	4.8
40.11595	474.298783	398.9	71.5	0.000635	0.00033	0.00012	24	4.9
41.52044	474.10313	426.055556	71.5	0.000669	0.00034	0.00003	24	4.9
41.44925	473.363945	398.9	71.3	0.000682	0.00035	0.00015	24	4.9
41.69583	472.615922	398.796927	71.3	0.000672	0.00035	0.00007	24	4.9
41.03089	471.867899	398.519836	71.3	0.000653	0.00034	0.00011	24	4.9
40.40358	471.119876	398.9	71.3	0.000634	0.00033	0.00011	24	4.9
38.15472	470.425493	428.261104	71.5	0.000617	0.00032	0.00006	23.6	4.9
37.81939	469.853338	398.9	71.5	0.000602	0.00031	0.00012	23	4.8
38.28049	469.281182	398.9	71.5	0.000605	0.00031	0.00009	23	4.7
38.82298	468.709027	398.9	71.5	0.000621	0.00031	0.00016	23	4.7
39.49699	468.136872	405.780753	71.3	0.000643	0.00032	0.00008	23	4.7
40.24522	467.782826	414.827943	71.3	0.000651	0.00033	0.00008	23	4.8
41.16977	467.58287	399.068319	71.3	0.000659	0.00034	0.00011	23	4.8
40.93592	467.382915	398.832934	71.3	0.000664	0.00033	0.00007	23	4.7
40.57746	467.182959	398.910526	71.3	0.000654	0.00033	0.0001	23	4.7
40.59167	467.06375	429.022835	71.3	0.00064	0.00032	0.00006	23	4.7
39.46296	467.81375	398.9	71.3	0.000632	0.00032	0.00011	23	4.7
39.78965	468.56375	398.9	71.3	0.000631	0.00032	0.00008	23	4.7
39.26744	469.31375	399.473684	71.3	0.000632	0.00031	0.00011	23	4.7
40.29559	470.06375	399.7	71.5	0.000646	0.00031	0.0001	23	4.7
44.48731	471.543667	429.179974	71.3	0.00072	0.00034	0.00012	23	4.6
49.69289	474.854778	399.256204	71.3	0.000836	0.00039	0.00015	23	4.6
51.25464	478.165889	399.7	71.1	0.000861	0.00041	0.0001	23	4.6
49.66204	481.477	399.7	71.1	0.000808	0.0004	0.00019	23	4.7
48.84422	484.788111	420.416551	71.1	0.000781	0.00038	0.00012	23	4.6
48.2261	484.488274	408.003294	71.2	0.000794	0.00039	0.00013	23	4.6
46.526	483.199451	400.463777	71.2	0.000763	0.00038	0.00009	23	4.6
42.24234	481.910628	400.009601	71.3	0.000655	0.00034	0.00005	23	4.7
40.78134	480.621804	400.5	71.5	0.000622	0.00032	0.00008	23	4.6
42.17296	479.319547	433.979081	71.5	0.000671	0.00033	0.00005	23	4.6
42.59016	477.772369	400.308714	71.3	0.000684	0.00034	0.00011	23	4.7
41.71966	476.225191	400.039611	71.3	0.000669	0.00034	0.00005	23	4.7
40.3812	474.678013	399.848344	71.3	0.000639	0.00033	0.00003	23	4.7
38.88556	473.130835	400.96217	71.3	0.000615	0.00031	0.00002	23	4.7
38.64917	472.386148	421.48	71.6	0.000598	0.00031	0	23	4.7
38.64277	472.572214	399.7	71.6	0.000607	0.00031	0.00005	23	4.7
41.55831	472.75828	399.7	71.5	0.000671	0.00033	0.00006	23	4.7
43.59113	472.944346	399.7	71.3	0.000707	0.00035	0.00015	23	4.7
42.27013	473.130411	405.250477	71.3	0.000682	0.00034	0.00009	23	4.7
38.65545	473.2	410.889552	71.3	0.000615	0.00032	0.00014	23	4.7
37.8867	473.2	399.7	71.5	0.000591	0.00031	0.00011	23	4.7
39.224	473.2	399.504706	71.5	0.000616	0.00031	0.00009	23	4.7
41.07296	473.2	399.367308	71.5	0.000658	0.00032	0.0001	23	4.7
42.90058	473.882338	432.714423	71.3	0.000717	0.00034	0.00009	23	4.7
51.19141	481.816501	399.050119	71.3	0.000837	0.00039	0.00018	23	4.7
56.39722	489.750665	399.7	71.6	0.000953	0.00044	0.0001	23	4.7
61.8244	497.684828	400.256701	71.3	0.001052	0.0005	0.00013	23	4.7
66.79887	505.618991	400.5	71	0.001118	0.00053	0.0001	23	4.7
68.50462	512.66408	440.024167	71	0.001156	0.00055	0.00015	23	4.7
73.46893	518.036069	400.5	71	0.001232	0.00059	0.00018	23	4.7
75.63722	523.408058	401.128202	71	0.001265	0.00061	0.00016	23	4.7
77.37791	528.780047	401.357554	71	0.001233	0.0006	0.00021	23	4.7
72.02922	534.152036	422.703151	71	0.001177	0.00058	0.0001	23	4.7

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164.890517	1	1.67503
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139.057192	1	1.67637
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115.118333	1	1.67958
113.822716	1	1.67992
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173.68025	1	1.68125
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224.995472	1	1.68233
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311.735957	1	1.68353
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13:50:44.517	192.2	76.3	1845
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13:50:56.517		73	1843
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13:50:58.517	192.8	76.8	1844
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13:51:03.517	193.1	74	1845
13:51:04.517	193.2	75.4	1845
13:51:05.517	193.2	75.9	1841
13:51:06.517	193.3	80.3	1841

66.64009	534.809592	420.107647	71.1	0.001074	0.00053	0.00018	23	4.7
57.09922	532.994945	401.398065	71.3	0.000949	0.00046	0.00013	23	4.7
54.05598	531.180298	401.878177	71.5	0.000894	0.00043	0.00013	23	4.7
53.89443	529.365651	401.3	71.6	0.000912	0.00043	0.00015	23	4.7
51.23468	527.338313	450.394671	71.6	0.000892	0.00044	0.00014	23	4.7
41.03945	517.646206	401.227705	71.6	0.000603	0.00034	0.00018	23	4.8
33.7914	507.954098	400.744473	71.7	0.000526	0.00029	0.00011	23	4.8
36.69444	498.26199	400.709192	71.8	0.000525	0.00028	0.00016	23	4.8
35.15718	488.569883	400.5	71.8	0.000525	0.00028	0.00014	23	4.8
32.42015	474.941096	428.470807	71.7	0.000474	0.00026	0.00016	23	4.8
28.73292	455.763014	399.7	71.7	0.000407	0.00025	0.00016	23	4.8
28.43513	436.584932	399.7	71.8	0.000346	0.00025	0.00015	23	4.9
28.34684	417.406849	399.7	71.8	0.00028	0.00024	0.00019	23	4.9
28.87848	398.228767	398.461737	71.7	0.000229	0.00025	0.00014	23	5.1
28.91537	390.465402	398.065735	71.6	0.000195	0.00025	0.00017	23	5.1
28.60181	388.32421	398.9	71.6	0.000175	0.00023	0.00013	23	5.1
27.14086	386.183019	398.9	71.5	0.000197	0.00023	0.00013	23	5.1
32.83361	384.041827	398.9	71.2	0.000304	0.00026	0.00017	23	5
35.40398	381.900636	392.727603	71.1	0.000417	0.00028	0.00015	23	4.9
37.98945	394.576877	398.29663	71.1	0.000511	0.00031	0.00021	23	4.8
38.18559	407.983882	398.9	71	0.000575	0.00032	0.00013	23	4.9
40.21591	421.390888	398.9	71	0.000624	0.00033	0.00019	23	4.8
43.29933	434.797894	398.9	71	0.000691	0.00036	0.00015	23	4.9
47.72252	446.6012	422.369071	71	0.000779	0.0004	0.00018	23	4.9
47.75856	449.793554	399.7	71.1	0.000806	0.00042	0.00015	23	4.9
43.89311	452.985909	399.7	71.1	0.000703	0.00038	0.00012	23	4.9
40.34031	456.178264	399.7	71.2	0.000619	0.00034	0.00016	23	4.9
39.95274	459.370618	400.342581	71.5	0.000601	0.00032	0.0001	23	4.9
41.02747	462.118527	427.971481	71.5	0.000659	0.00034	0.00017	23	4.9
43.08211	463.451278	400.082749	71.3	0.000711	0.00036	0.00012	23	4.9
43.84465	464.784029	399.7	71.3	0.000715	0.00037	0.00014	23	4.9
43.6292	466.11678	399.637947	71.3	0.000703	0.00037	0.00019	23	4.9
42.00902	467.44953	410.01387	71.3	0.00067	0.00035	0.00011	23	4.9
39.91651	468.40728	410.881723	71.3	0.000639	0.00034	0.00016	23	4.9
40.0647	469.173563	398.9	71.5	0.000628	0.00033	0.00008	23	4.9
40.37991	469.939847	398.9	71.3	0.000655	0.00034	0.00018	23	4.8
42.81519	470.70613	398.589529	71.3	0.000694	0.00035	0.00014	23	4.8
44.13301	471.472414	424.951454	71.3	0.000721	0.00036	0.00016	23	4.8
43.9487	470.937198	397.4	71.3	0.000711	0.00036	0.00015	23	4.8
42.27594	470.353378	397.4	71.3	0.000687	0.00036	0.0001	23	4.8
41.19242	469.769558	397.066763	71.3	0.000658	0.00034	0.00016	23	4.9
39.44965	469.185738	395.975638	71.3	0.000625	0.00033	0.0001	23	4.9
39.64192	468.767498	431.81895	71.5	0.000619	0.00033	0.00017	23	4.9
40.06708	469.169275	394.804731	71.5	0.000635	0.00033	0.00011	23	4.9
40.5313	469.571051	394.2	71.3	0.00066	0.00034	0.00011	23	4.9
43.18693	469.972827	394.2	71.3	0.000698	0.00036	0.00014	23	4.9
41.84923	470.374604	394.337652	71.3	0.000705	0.00037	0.00004	23	5
40.30154	469.842442	416.245876	71.3	0.000634	0.00035	0.00008	23	5
38.76392	468.116798	393.247664	71.5	0.000603	0.00033	0.00006	23	5
37.47439	466.391153	393.331641	71.5	0.000591	0.00032	0.00015	23	5
38.09449	464.665509	392.154589	71.5	0.000589	0.00032	0.00015	23	5
37.81666	462.939865	413.220548	71.5	0.000579	0.00031	0.00017	23	4.9
37.43085	461.991196	391.9	71.5	0.000589	0.00032	0.00019	23	5
37.46888	461.167962	391.9	71.5	0.000598	0.00032	0.00016	23	4.9
38.60796	460.344729	391.9	71.5	0.000607	0.00032	0.0002	23	4.9
38.10412	459.521496	394.488108	71.5	0.000607	0.00032	0.00012	23	4.9
38.66	458.834116	411.649285	71.3	0.000615	0.00033	0.0002	23	4.9
38.5606	458.289271	391.9	71.3	0.000603	0.00032	0.00013	23	4.9
37.72875	457.744426	391.9	71.3	0.0006	0.00032	0.00016	23	5
37.3599	457.199581	391.9	71.5	0.000597	0.00032	0.00012	23	5
37.47644	456.654736	405.354461	71.5	0.000589	0.00031	0.00011	23	4.9
38.15571	457.873621	398.423235	71.5	0.0006	0.00032	0.00019	23	4.9
39.74079	459.792086	392.7	71.3	0.000637	0.00033	0.00012	23	4.9

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13:51:09.517	193.5	77.4	1842
13:51:10.517	193.6	77.7	1843
13:51:11.517	193.6	78.3	1844
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13:51:13.517	193.8	77.7	1844
13:51:14.517	193.8	78	1845
13:51:15.517	193.9	78.6	1842
13:51:16.517	194	79.2	1844
13:51:17.517		78.4	1844
13:51:18.517		76.8	1846
13:51:19.517		76.5	1844
13:51:20.517		76.9	1843
13:51:21.517		77.4	1845
13:51:22.517		77.2	1845
13:51:23.517		77.5	1843
13:51:24.517		78.9	1845
13:51:25.517	193.5	79.8	1844
13:51:26.517	193.4	78.5	1842
13:51:27.517	193.3	77.2	1843
13:51:28.517	193.3	76.1	1844
13:51:29.517	193.2	78.7	1842
13:51:30.517	193.1	80.2	1844
13:51:31.517	193.1	75.9	1845
13:51:32.517	193	73.7	1849
13:51:33.517	192.9	72.2	1850
13:51:34.517	192.9	70.3	1850
13:51:35.517	192.8	68.5	1847
13:51:36.517	192.7	69.4	1845
13:51:37.517	192.7	68.5	1846
13:51:38.517	192.6	68.8	1846
13:51:39.517	192.5	70.6	1842
13:51:40.517	192.5	70.8	1842
13:51:41.517	192.4	71.6	1841
13:51:42.517	192.4	71.4	1840
13:51:43.517	192.3	72.2	1842
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13:51:58.517	190.4	0	1567
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13:52:09.517	189	0	1661

41.90985	461.710552	393.039107	71.3	0.000691	0.00035	0.00019	23	4.9
43.11565	463.629017	393.4	71.2	0.000718	0.00037	0.00011	23	4.9
43.04689	465.393899	427.76978	71.2	0.000699	0.00036	0.00012	23	4.9
42.84814	466.121794	393.676246	71.2	0.000678	0.00036	0.00012	23	4.9
42.84865	466.84969	394.2	71.3	0.00067	0.00035	0.0001	23	4.9
41.97959	467.577585	394.974493	71.3	0.000671	0.00035	0.00013	23	4.9
41.55163	468.305481	396.545271	71.3	0.00067	0.00035	0.00007	23	4.9
41.9364	468.880652	417.343377	71.3	0.000664	0.00034	0.00014	23	4.9
41.7691	469.275088	395	71.3	0.000666	0.00035	0.00009	23	4.9
41.98527	469.669525	395	71.3	0.000678	0.00035	0.00014	23	4.9
42.96864	470.063961	395.7	71.3	0.000685	0.00035	0.00013	23	4.9
42.62643	470.458397	406.34153	71.3	0.000678	0.00035	0.00007	23	4.9
40.60567	470.233482	411.071574	71.3	0.000652	0.00034	0.00013	23	4.9
39.39141	469.66169	395.88	71.5	0.000625	0.00033	0.00007	23	4.9
39.01038	469.089898	395.7	71.5	0.000621	0.00032	0.00013	23	4.9
39.51035	468.518107	395.7	71.5	0.000632	0.00033	0.0001	23	4.9
39.27737	467.946315	418.269432	71.5	0.000636	0.00033	0.00013	23	4.9
40.0906	468.267355	396.533174	71.3	0.000649	0.00033	0.00011	23	4.9
41.06537	468.667089	395.996087	71.3	0.000671	0.00034	0.00013	23	4.9
42.68074	469.066822	395.981178	71.3	0.000688	0.00035	0.00014	23	4.9
41.91882	469.466556	395.7	71.3	0.00069	0.00035	0.00009	23	4.9
40.42692	469.535717	420.524584	71.3	0.00066	0.00034	0.00013	23	4.9
40.58524	469.140807	395.7	71.3	0.000645	0.00034	0.00006	23	4.9
41.87905	468.745897	396.446684	71.5	0.000672	0.00035	0.00012	23	4.9
41.59828	468.350987	395.7	71.3	0.000676	0.00035	0.00012	23	4.9
38.9295	467.956077	417.036277	71.3	0.000614	0.00032	0.00011	23	4.9
36.64911	463.832942	395.7	71.5	0.000555	0.0003	0.00014	23	4.9
35.86438	459.092781	395.803043	71.6	0.000543	0.00029	0.00007	23	4.9
34.76793	454.35262	396.056366	71.6	0.000527	0.00029	0.00016	23	4.9
35.39068	449.612459	395.7	71.7	0.000529	0.00029	0.00013	23	4.9
35.76314	445.724225	417.056851	71.6	0.000534	0.0003	0.00015	23	4.9
35.8834	444.273357	395.7	71.5	0.00053	0.0003	0.00015	23	4.9
36.0042	442.822488	395.7	71.5	0.000531	0.0003	0.00013	23.5	4.9
36.46889	441.37162	395.7	71.5	0.000549	0.00031	0.00019	23.6	4.9
37.23554	439.920752	403.750198	71.5	0.000567	0.0003	0.00012	23.4	4.7
36.7236	440.391342	403.25046	71.3	0.000568	0.0003	0.00016	24	4.7
37.49952	441.646753	395.788717	71.3	0.00057	0.0003	0.00009	24	4.7
37.623	442.902165	395.7	71.3	0.000585	0.00031	0.00015	24	4.7
37.76421	444.157576	395.7	71.3	0.000579	0.0003	0.00012	24	4.7
36.63759	443.945243	417.356338	71.3	0.000576	0.0003	0.00012	24	4.7
36.06541	428.892389	395.7	71.3	0.000564	0.00029	0.00012	24	4.7
35.31085	413.839535	395.7	71.3	0.000541	0.00029	0.0001	24	4.7
29.17089	398.786681	396.31498	71.3	0.000429	0.00026	0.00013	24	4.8
21.78157	383.733827	395.776988	71.2	0.00022	0.00019	0.00009	24	4.9
19.17877	367.875955	387.851395	70.9	0.000111	0.00017	0.00011	24	5
17.37865	350.586942	395	69.8	0.000062	0.00015	0.00007	24	5.1
16.03249	333.297928	394.296861	68.2	0.000038	0.00014	0.00006	24	5.1
15.11228	316.008914	394.084739	66.4	0.000027	0.00013	0.00006	24	5.1
14.66	298.719901	377.694929	64.8	0.00002	0.00012	0.00003	24	5.1
14.28816	288.281647	384.657642	63.5	0.000017	0.00012	0.00003	24	5.1
13.81677	280.415961	392.678975	62.7	0.000014	0.00011	0.00001	24	5.1
13.64638	272.550276	391.9	62.2	0.000012	0.00011	0.00001	24	5.1
13.20296	264.684591	391.9	61.5	0.000011	0.00011	0.00001	24	5.2
12.59642	258.161602	344.159949	60.8	0.00001	0.00011	0.00002	24	5.2
12.27459	253.838652	391.1	60.1	0.000009	0.0001	0.00004	24	5.2
11.84741	249.515702	390.50107	59.4	0.000008	0.0001	0.00003	24	5.2
11.13704	245.192753	390.25	58.7	0.000008	0.00009	0.00005	24	5.2
10.75825	240.869803	366.652778	57.1	0.000007	0.00009	0.00003	24	5.2
10.26032	237.438217	370.542296	54.7	0.000007	0.00009	0.00004	24	5.2
10.65912	234.465817	388.7	52.5	0.000007	0.00009	0.00003	24	5.3
10.80625	231.493418	388.7	50.2	0.000008	0.0001	0.00004	24	5.3
11.74	228.521019	388.361053	46.5	0.000009	0.0001	0.00005	24	5.3
13.35748	225.54862	331.20137	42.2	0.00001	0.00012	0.00004	24	5.3

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132.201006	1	1.70815
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134.745455	1	1.70954
133.919008	1	1.70989
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130.683982	1	1.71056
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124.138976	1	1.71461
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91.626087	1	1.71789
92.278261	1	1.7182
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93.582609	1	1.7188
87.639302	1	1.71909
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7.17952	1	1.72054
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13:53:07.517		88.2	1726
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13:53:12.517		82	1738

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16.34624	248.429412	387.665672	37	0.000014	0.00017	0.00005	24	5.3
34.97838	260.239367	387.918704	35.9	0.00009	0.00026	0.00015	24	5.2
28.69319	272.049321	388.699249	35.2	0.00019	0.00024	0.0001	24	5.1
20.88027	273.715695	362.59721	34.8	0.00025	0.0002	0.00008	24	5
14.86783	266.386817	389.427705	35.2	0.000199	0.00014	0.00008	24	4.9
10.14103	259.05794	388.7	35.4	0.000123	0.0001	0.00004	24	5
9.96172	251.729062	388.282996	35	0.000093	0.00009	0.00005	24	5
9.67325	245.82541	319.758755	34.3	0.000066	0.00008	0.00004	24	5.1
9.04743	245.958448	387.752086	33.1	0.000045	0.00008	0.00005	24	5.1
13.63963	246.091486	387.2	31.5	0.000039	0.0001	0.00005	24	5.1
18.37743	246.224523	386.4	30.5	0.000045	0.00016	0.00009	24	5.1
18.37026	246.357561	363.665647	29.8	0.000057	0.00015	0.00008	24	5.1
16.90696	248.567484	364.842105	29.2	0.000093	0.00015	0.00006	24	5
15.58231	251.75028	386.484706	29.1	0.000121	0.00014	0.00007	24	5
15.67	254.933075	387.2	29	0.000137	0.00014	0.00006	24	5
16.26377	258.115871	387.2	28.8	0.000163	0.00015	0.00011	24	5
21.9235	262.520919	337.399691	28.5	0.000231	0.00021	0.00014	24	5
44.09631	305.131196	386.593037	28.3	0.000496	0.00032	0.00024	24	5
53.2951	347.741473	387.618182	28.3	0.000853	0.00044	0.00031	24	4.9
60.02399	390.351751	387.965554	28.9	0.00112	0.0005	0.00032	24	4.9
73.20523	432.962028	392.434562	30.4	0.001471	0.00063	0.00043	24	4.9
91.96924	457.665761	395.91214	32.3	0.001903	0.00081	0.0004	24	4.9
107.2599	471.987658	384.211995	34.4	0.001966	0.0009	0.00071	24	5
96.67326	486.309556	381.374743	37	0.001625	0.00083	0.00035	24	5
69.70927	500.631453	379.118919	40.3	0.001069	0.00061	0.00026	24	5.1
54.97545	509.864929	433.621053	43.3	0.000818	0.00045	0.00017	24	5.1
59.68309	506.640548	375.721555	43.5	0.00103	0.00052	0.00017	24	5
54.89744	503.416166	373.58152	45.9	0.000944	0.00049	0.00026	24	5
40.09123	500.191784	373.025101	48.1	0.000625	0.00037	0.0001	24	5.1
40.08609	496.967403	400.10203	49.5	0.000632	0.00035	0.00016	24	5.1
41.40652	494.997466	377.352015	50.3	0.000679	0.00035	0.00011	24	5
38.49832	493.419338	370.10766	50.8	0.000625	0.00033	0.00013	24	5
33.03235	491.841209	369.3	51.4	0.000524	0.00028	0.00011	24	5.1
34.39923	490.263081	368.795804	51.9	0.000544	0.00028	0.00006	24	5
39.36838	490.493152	419.334449	52.2	0.000684	0.00032	0.00013	24	4.9
48.23298	495.79031	367.430172	52.6	0.000878	0.0004	0.00012	24	5
42.4546	501.087468	367.586823	53.1	0.000827	0.00038	0.00023	24	4.9
37.76533	506.384625	367.8	53.7	0.000706	0.00033	0.00012	24	4.9
35.99333	511.681783	379.216275	54.4	0.000612	0.0003	0.00012	24	4.9
31.13196	515.55372	397.634679	55	0.000519	0.00026	0.00011	24	5
19.77836	518.548422	367.8	55.4	0.000371	0.0002	0.00008	24	5
37.6639	521.543124	367.688083	55.7	0.00049	0.00026	0.00012	24	4.9
62.8287	524.537825	368.08248	55.7	0.001184	0.00054	0.00027	24	4.8
94.20983	528.971303	434.464372	55.5	0.001646	0.00074	0.00048	24	4.8
78.47585	537.141458	372.176145	55.9	0.001304	0.00062	0.00023	24	4.9
74.8647	545.311614	375.192582	56.9	0.001267	0.00061	0.0003	24	4.9
73.19218	553.481769	377.672532	58.4	0.001265	0.00061	0.00023	24	4.8
78.81743	561.651924	422.918809	59.8	0.001306	0.00062	0.00021	24	4.8
81.10898	564.226138	394.919645	61	0.00132	0.00066	0.00032	24	4.9
63.06191	565.694567	386.146224	62.1	0.000951	0.0005	0.00012	24	4.9
49.36945	567.162996	388.333792	63.3	0.000811	0.00041	0.0002	24	4.9
66.0147	568.631424	389.749205	64.2	0.001157	0.00052	0.00022	24	4.8
67.48822	569.55923	469.770988	64.7	0.001238	0.00058	0.00031	24	4.8
62.17471	563.077325	394.609459	65.2	0.001039	0.00052	0.00012	24	4.9
45.64531	556.595419	396.870492	65.9	0.000747	0.0004	0.00004	24	4.9
42.14661	550.113514	398.289552	66.5	0.00067	0.00035	0.00008	24	4.9
49.91439	543.631608	419.336081	66.9	0.000865	0.00042	0.00005	24	4.8
52.68017	542.234225	422.1	66.9	0.000901	0.00042	0.0002	24	4.8
51.0055	542.995228	402.75	66.7	0.000873	0.00042	0.00011	24	4.8
54.15421	543.756232	404.804215	66.7	0.000951	0.00045	0.00015	24	4.8
60.9253	544.517236	406.831622	66.6	0.001004	0.00047	0.00019	24	4.8
57.4112	545.278239	446.797951	66.7	0.000982	0.00046	0.00016	24	4.7

14.003963	0	1.7221
40.203875	0	1.72227
66.403787	0	1.72253
92.603699	0	1.72277
118.803611	0	1.72297
100.338162	0	1.72311
75.666365	0	1.72321
50.994568	1	1.7233
26.32277	1	1.72338
30.684444	1	1.72346
69.128889	0	1.72356
107.573333	0	1.72372
146.017778	0	1.72387
184.462222	0	1.72402
172.953091	0	1.72416
159.36256	0	1.7243
145.77203	1	1.72445
132.181499	1	1.72466
168.805549	1	1.72498
281.382306	1	1.72542
393.959063	1	1.72592
506.53582	1	1.72655
618.930871	1	1.72736
549.802297	1	1.72826
480.673722	1	1.72909
411.545147	1	1.7297
342.416573	1	1.73015
310.482727	1	1.73067
307.773312	1	1.73116
305.063897	1	1.73153
302.354482	1	1.73188
299.243111	1	1.73223
293.465333	1	1.73256
287.687556	1	1.73284
281.909778	1	1.73312
276.132	1	1.73344
291.43903	1	1.73384
319.07616	1	1.73422
346.713291	1	1.73455
374.350422	1	1.73485
401.987553	1	1.73511
490.915567	1	1.73531
587.341569	1	1.73557
683.76757	1	1.73611
780.193572	1	1.73685
743.721489	1	1.73747
656.078122	1	1.73808
568.434754	1	1.73869
480.791387	1	1.73931
413.198294	1	1.73997
524.072495	1	1.74047
634.946695	1	1.74088
745.820896	1	1.7414
856.695096	1	1.74198
868.270264	1	1.7425
737.54098	1	1.7429
606.811696	1	1.74325
476.082411	1	1.74367
345.353127	1	1.74409
338.575671	1	1.74451
334.070244	1	1.74496
329.564817	1	1.74543
325.05939	1	1.74589

13:53:13.517		76.4	1740
13:53:14.517	196.7	75.7	1741
13:53:15.517	196.4	83.2	1749
13:53:16.517	196.1	72.9	1755
13:53:17.517	195.7	87.1	1763
13:53:18.517	195.4	92.9	1778
13:53:19.517	195.1	81.7	1790
13:53:20.517	194.8	86.6	1804
13:53:21.517	194.5	79	1820
13:53:22.517	194.1	59.5	1834
13:53:23.517	193.8	65.9	1844
13:53:24.517	193.5	68.4	1851
13:53:25.517	193.2	76.5	1857
13:53:26.517	192.8	85	1866
13:53:27.517	192.5	81.3	1872
13:53:28.517	192.2	87.1	1882
13:53:29.517	191.9	80.4	1893
13:53:30.517	191.5	84.9	1900
13:53:31.517	191.2	83	1907
13:53:32.517	190.9	81.4	1914
13:53:33.517	190.6	82.5	1922
13:53:34.517		78.2	1924
13:53:35.517		85.6	1928
13:53:36.517		80.9	1929
13:53:37.517		84.4	1934
13:53:38.517		81.7	1945
13:53:39.517		74.2	1952
13:53:40.517	188.6	71.9	1953
13:53:41.517	188.4	48.4	1950
13:53:42.517	188.1	34	1938
13:53:43.517	187.8	52.2	1921
13:53:44.517	187.6	62.2	1905
13:53:45.517	187.3	58.8	1895
13:53:46.517	187	48.6	1886
13:53:47.517	186.7	46.1	1875
13:53:48.517	186.5	57.1	1868
13:53:49.517	186.2	59.5	1862
13:53:50.517	185.9	58.8	1859
13:53:51.517	185.6	52.1	1852
13:53:52.517	185.4	73.3	1845
13:53:53.517	185.1	73.3	1844
13:53:54.517	184.8	51.9	1838
13:53:55.517	184.6	42.2	1828
13:53:56.517	184.3	39.4	1816
13:53:57.517	184	25.3	1803
13:53:58.517	183.7	8.2	1784
13:53:59.517	183.5	0	1764
13:54:00.517		0	1744
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13:54:02.517		0	1705
13:54:03.517		0	1685
13:54:04.517		0	1663
13:54:05.517		31.3	1649
13:54:06.517		65.5	1643
13:54:07.517		83.6	1651
13:54:08.517	186.4	89.1	1663
13:54:09.517	186.8	86.9	1681
13:54:10.517	187.1	82.5	1701
13:54:11.517	187.5	77.5	1709
13:54:12.517	187.9	52.8	1709
13:54:13.517	188.3	41.6	1705
13:54:14.517	188.7	13.7	1691
13:54:15.517	189.1	32.4	1677

49.33092	541.343079	418.7375	66.9	0.000807	0.0004	0.00022	24	4.8
41.36613	536.513411	412	67.1	0.00077	0.0004	0.00014	24	4.8
57.57664	531.683743	412.903191	67.3	0.000902	0.00044	0.00028	24	4.8
46.17664	526.854075	414.41322	67.4	0.000799	0.0004	0.00018	24	4.8
45.57496	523.43839	466.642494	67.6	0.000787	0.00039	0.00022	24	4.8
65.59099	525.608639	416.728936	67.9	0.000975	0.00046	0.00027	24	4.7
51.79167	527.778887	417.9	68.2	0.000895	0.00042	0.00021	24	4.7
53.20312	529.949136	418.554354	68.7	0.000874	0.00041	0.00022	24	4.7
53.76643	532.119385	422.744655	69.3	0.000912	0.00043	0.00016	24	4.7
47.6053	529.04282	456.7869	69.8	0.00076	0.0004	0.00021	24	4.8
37.19944	519.7069	421.669741	70.4	0.000473	0.00028	0.0001	24	4.8
33.29169	510.370979	421.859596	71	0.000454	0.00027	0.00012	24	4.8
38.84157	501.035058	422.1	71.3	0.000555	0.00031	0.00014	24	4.7
44.834	491.699138	434.076437	71.6	0.000686	0.00035	0.00014	24	4.7
40.29558	495.116881	424.726504	71.8	0.000738	0.00036	0.00019	24	4.7
57.1039	501.372237	423.578663	72.2	0.00098	0.00046	0.00013	24	4.7
58.95721	507.627592	423.248271	72.4	0.001	0.00048	0.00023	24	4.7
54.07921	513.882948	424.231748	72.7	0.00087	0.00042	0.00009	24	4.8
56.10435	519.331944	471.328237	73.2	0.00096	0.00046	0.00018	24	4.8
62.3067	520.211574	424.868514	73.5	0.001026	0.00049	0.00016	24	4.7
56.09617	521.091204	425.4	73.8	0.001008	0.00049	0.00014	24	4.7
53.66489	521.970833	425.4	74.1	0.000823	0.00042	0.00017	24	4.8
53.13502	522.850463	448.870476	74.3	0.000854	0.00043	0.00008	24	4.8
50.57526	524.102391	425.4	74.6	0.000839	0.00041	0.00019	24	4.8
61.83642	525.430572	424.993816	74.6	0.00106	0.0005	0.00011	24	4.7
66.86166	526.758754	425.270485	74.7	0.001123	0.00053	0.00023	24	4.7
54.87202	528.086936	438.375235	74.8	0.000896	0.00045	0.00014	24	4.8
51.74247	514.441828	440.694481	75.1	0.000828	0.00044	0.00014	24	4.8
32.10968	494.038094	424.5	75.5	0.00043	0.00027	0.00011	24	4.8
32.285	473.634361	423.508235	75.7	0.000357	0.00027	0.00009	24	4.8
30.92834	453.230627	422.9	75.5	0.000278	0.00025	0.00015	24	4.9
29.63588	433.969633	427.715811	75	0.000267	0.00025	0.00011	24	4.9
36.5675	427.501743	421.3	74.5	0.000315	0.00028	0.00017	24	4.9
28.33395	421.033853	421.3	73.9	0.000324	0.00025	0.00011	24	4.9
28.51621	414.565963	421.282924	73.5	0.000308	0.00024	0.00013	24	4.9
29.65701	408.098073	419.368906	73.2	0.000311	0.00025	0.00016	24	4.9
32.41737	409.181667	417.916733	72.8	0.000369	0.00027	0.00013	24	4.9
35.96077	413.172895	419.5	72.5	0.000429	0.00028	0.00018	24	4.9
27.89208	417.164123	419.5	72.2	0.000404	0.00026	0.00009	24	4.9
35.2258	421.155351	419.5	72	0.000449	0.00028	0.00015	24	4.9
38.47904	422.663083	421.989019	71.8	0.000532	0.00031	0.00014	24	4.8
30.92108	411.324092	419.161823	71.6	0.000443	0.00026	0.00011	24	4.8
25.35116	399.985101	418.7	71.5	0.000356	0.00024	0.00012	24	4.9
28.41471	388.64611	417.9	71.3	0.000289	0.00024	0.00011	24	5
26.142	377.307119	404.955952	70.9	0.000223	0.00023	0.00015	24	5
21.75376	360.185441	417.897173	70.5	0.000134	0.00018	0.00009	24	5
19.10947	342.56092	416.916393	69.9	0.000083	0.00017	0.0001	24	5
17.86081	324.936398	416.3	69.2	0.000052	0.00015	0.00007	24	5.1
16.93548	307.311877	415.441686	68.4	0.000034	0.00014	0.00007	24	5.1
16.21133	296.9442	381.365	67.7	0.000025	0.00014	0.00007	24	5.1
15.72537	294.3442	414.6	66.9	0.000023	0.00013	0.00006	24	5.1
15.36325	291.7442	413.033729	66.1	0.000022	0.00014	0.00009	24	5.1
22.60489	289.1442	413.8	65.3	0.000043	0.00019	0.00007	24	5.1
35.77537	286.5442	367.780751	64.6	0.000166	0.00025	0.00014	24	5
43.64941	324.157541	413.8	64	0.000478	0.00035	0.00019	24	4.8
57.49342	362.466332	413.929304	63.6	0.000878	0.00046	0.00023	24	4.8
61.52768	400.775123	414.6	63.6	0.001056	0.00049	0.00028	24	4.8
60.86613	439.083913	414.6	64.2	0.000961	0.00048	0.00008	24	4.8
35.77703	448.776455	426.241131	64.9	0.000549	0.0003	0.00008	24	4.8
26.60553	429.966984	413.8	65.7	0.000431	0.00025	0.00002	24	4.9
28.5003	411.157513	413.050909	66.2	0.000366	0.00023	0.00009	24	4.9
26.88175	392.348042	412	66.3	0.000265	0.00022	0.0001	24	5
24.53336	373.53857	397.265116	66.1	0.000159	0.0002	0.00011	24	5.1

321.149708	1	1.74629
322.661914	1	1.74669
324.17412	1	1.74713
325.686325	1	1.74753
327.198531	1	1.74792
313.157895	1	1.74838
281.578947	1	1.7488
250	1	1.74921
218.421053	1	1.74964
186.842105	1	1.75004
169.624232	1	1.75032
157.99122	1	1.75059
146.358209	1	1.7509
134.725198	1	1.75125
127.251394	1	1.75161
140.979408	1	1.75207
154.707422	1	1.75255
168.435435	1	1.75297
182.163449	1	1.75343
188.521905	1	1.75392
187.569524	1	1.75441
186.617143	1	1.75483
185.664762	1	1.75526
186.948836	1	1.75567
193.401936	1	1.75617
199.855036	1	1.7567
206.308136	1	1.75715
212.761235	1	1.75759
195.414783	1	1.75786
177.153913	1	1.75813
158.893043	1	1.75838
140.632174	1	1.75863
129.749312	1	1.75891
131.813532	1	1.75916
133.877752	1	1.7594
135.941972	1	1.75965
138.003358	1	1.75992
139.122677	1	1.7602
140.241997	1	1.76046
141.361316	1	1.76074
142.480636	1	1.76105
138.299331	1	1.76131
129.529425	1	1.76155
120.75952	1	1.76179
111.989615	1	1.76202
101.159459	1	1.7622
82.240541	1	1.76237
63.321622	1	1.76252
44.402703	1	1.76266
25.483784	1	1.7628
52.88353	1	1.76293
94.670593	1	1.76307
136.457657	1	1.76326
178.244721	1	1.76351
218.506112	1	1.76386
254.514114	1	1.76432
290.522116	1	1.76481
326.530118	1	1.76529
362.53812	1	1.76559
333.934735	1	1.76584
285.483407	1	1.76607
237.03208	1	1.76629
188.580752	1	1.76649

13:54:16.517	189.5	43.5	1673
13:54:17.517	189.9	28.2	1661
13:54:18.517	190.3	52	1648
13:54:19.517	190.7	76.1	1645
13:54:20.517	191.1	83	1657
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13:54:22.517	191.9	88.1	1700
13:54:23.517	192.3	80.4	1715
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13:54:25.517	193.1	55.5	1719
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13:54:27.517	193.9	27.1	1699
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13:54:29.517		49.6	1687
13:54:30.517		51.1	1685
13:54:31.517		50.4	1683
13:54:32.517		57.1	1675
13:54:33.517		72.7	1679
13:54:34.517		26	1659
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13:54:36.517	195.1	70.7	1654
13:54:37.517	195.3	59	1652
13:54:38.517	195.4	59.2	1650
13:54:39.517	195.5	55	1652
13:54:40.517	195.7	72.5	1658
13:54:41.517	195.8	76.3	1657
13:54:42.517	195.9	63.9	1658
13:54:43.517	196.1	70.2	1660
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13:54:48.517	196.7	78.6	1664
13:54:49.517	196.8	83	1668
13:54:50.517	197	71.3	1673
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13:54:52.517	197.2	55.8	1662
13:54:53.517	197.4	38.7	1657
13:54:54.517	197.5	24.1	1648
13:54:55.517		53.1	1634
13:54:56.517		33.5	1623
13:54:57.517		2.1	1580
13:54:58.517		0	1515
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13:55:03.517	197.6	11.2	1364
13:55:04.517	197.6	46.4	1354
13:55:05.517	197.6	98.9	1358
13:55:06.517	197.6	99.4	1372
13:55:07.517	197.6	96.9	1654
13:55:08.517	197.6	98.4	1744
13:55:09.517	197.6	79	1783
13:55:10.517	197.6	80.6	1822
13:55:11.517	197.6	81.1	1853
13:55:12.517	197.6	81.9	1881
13:55:13.517	197.6	83.7	1908
13:55:14.517	197.6	80.8	1935
13:55:15.517	197.6	75.7	1888
13:55:16.517	197.6	75.4	1633
13:55:17.517	197.6	90.4	1643
13:55:18.517	197.6	87.5	1655

25.23989	374.662553	410.364255	65.5	0.000172	0.0002	0.0001	24	5.1
18.9531	376.151915	409.6	65	0.000158	0.00017	0.00009	24	5
23.16597	377.641277	409.143166	64.7	0.000225	0.00021	0.00013	24	4.9
34.4469	379.130638	408.148749	64.3	0.000393	0.00029	0.00014	24	5
70.03272	385.635212	396.06671	63.9	0.001034	0.00055	0.00036	24	4.8
68.39488	404.909014	406.3	63.6	0.001196	0.00059	0.00024	24	4.8
47.35506	424.182816	405.270844	64	0.00075	0.0004	0.00018	24	4.9
40.55953	443.456618	403.845059	64.8	0.000682	0.00036	0.00015	24	4.9
36.30928	462.73042	407.409452	65.7	0.000638	0.00033	0.00013	24	4.9
27.66754	461.629257	416.209545	66.2	0.000512	0.00027	0.00014	24	4.9
31.12797	443.517802	399.823373	66.5	0.000453	0.00027	0.0001	24	4.9
26.8005	425.406347	397.994608	66.5	0.000378	0.00023	0.00014	24	4.9
25.44016	407.294892	397.036677	66.5	0.00025	0.00021	0.00009	24	5.1
28.053	389.595604	393.864241	66.3	0.000238	0.00022	0.00013	24	5
25.03948	389.404481	395	65.7	0.000289	0.00024	0.00013	24	5
26.81299	389.213357	394.505202	65.4	0.000326	0.00023	0.00011	24	4.8
23.75697	389.022234	392.94382	65.2	0.000324	0.00022	0.00014	24	4.9
33.18426	388.831111	392.077778	65.1	0.000359	0.00024	0.00011	24	4.9
24.78453	387.714955	390.164348	65	0.000319	0.00023	0.00015	24	4.9
24.04033	384.577869	390.275	64.8	0.00025	0.00022	0.0001	24	5
32.92383	381.440782	389.6	64.7	0.000291	0.00026	0.00014	24	5
29.38521	378.303696	387.869388	64.2	0.000349	0.00026	0.00014	24	4.9
33.41691	375.166609	385.186718	64	0.000384	0.00027	0.0001	24	4.9
27.50582	378.892892	384.901105	64	0.000368	0.00024	0.00013	24	4.9
35.23403	386.154849	385.797385	63.9	0.00044	0.00026	0.00009	24	4.9
43.22298	393.416806	384.670746	63.9	0.000623	0.00034	0.0002	24	4.8
30.48185	400.678763	384.1	63.9	0.000463	0.00026	0.0001	24	4.8
26.81333	407.440026	394.27856	64	0.000449	0.00026	0.00012	24	4.9
34.81772	409.793226	382.6	64.3	0.000477	0.00027	0.00012	24	4.8
28.9813	412.146426	382.6	64.2	0.000447	0.00026	0.00009	24	4.8
35.90322	414.499626	381.856884	64.3	0.000505	0.00028	0.00016	24	4.8
36.481	416.852826	383.90459	64.3	0.000496	0.00027	0.00011	24	4.8
34.11126	418.230055	389.033165	64.3	0.000541	0.00028	0.00017	24	4.8
38.13856	418.824748	380.9	64.4	0.000701	0.00035	0.00019	24	4.8
45.70365	419.419442	380.369355	64.3	0.000738	0.00036	0.00024	24	4.8
25.49781	420.014135	380.443108	64.4	0.000446	0.00025	0.00013	24	4.8
33.86636	418.641969	399.687929	64.7	0.000428	0.00027	0.00013	24	4.9
29.28016	408.488796	379.925106	64.7	0.000397	0.00025	0.00016	24	4.9
18.96671	398.335624	379.4	64.4	0.000281	0.0002	0.00009	24	4.9
28.90849	388.182451	379.387138	64.2	0.000269	0.00022	0.00014	24	5
21.61905	378.029278	378.305742	63.7	0.000228	0.00019	0.0001	24	5
16.6276	363.538038	377.877985	63.3	0.000175	0.00016	0.00011	24	5.1
13.75099	346.308085	378.6	62.8	0.000106	0.00012	0.00008	24	5.1
12.35874	329.078131	377.9	61.7	0.000068	0.00011	0.00007	24	5.2
11.53906	311.848178	377.516076	59.2	0.000045	0.0001	0.00007	24.4	5.2
11.19902	296.87917	341.551411	56.8	0.000033	0.0001	0.00005	25	5.3
11.03454	305.939289	376.246226	55.1	0.000026	0.0001	0.00007	24.5	5.3
14.34183	314.999407	375.6	54.2	0.000032	0.00014	0.00008	24.4	5.3
19.25412	324.059526	375.6	53.5	0.000061	0.00019	0.00014	25	5.3
44.23698	333.119644	375.6	52.9	0.000356	0.00033	0.00024	25	5.1
56.94476	352.651224	362.584211	52.5	0.000855	0.00047	0.00042	25	4.9
79.11512	390.638029	376.720301	52.4	0.001518	0.00068	0.00072	24.5	4.8
95.73222	428.624835	377.1	52.9	0.001704	0.00075	0.0004	24.4	4.8
71.75922	466.611641	377.9	53.9	0.001249	0.00064	0.00036	24.5	4.9
61.20579	504.598446	399.970319	55.4	0.001061	0.00053	0.00016	24	4.9
64.79713	518.842534	401.794211	57.2	0.00111	0.00054	0.00023	24	4.9
61.58507	521.018302	378.6	58.4	0.001059	0.00052	0.00016	24	4.9
61.73822	523.19407	379.326736	59.5	0.001058	0.00051	0.0002	24	4.9
64.36455	525.369838	378.966667	60.4	0.001129	0.00055	0.00025	24	4.9
52.54759	527.545606	434.797119	61.2	0.000843	0.00046	0.00013	24	5
40.21712	524.510726	379.4	62	0.000624	0.00035	0.00009	24	5
44.45306	521.342239	379.585567	62.7	0.000778	0.00039	0.00004	24	4.9
51.64817	518.173753	380.9	63.1	0.000873	0.00041	0.00014	24	4.9

172.612855	1	1.76669
256.746957	1	1.76686
340.881059	1	1.76707
425.015161	1	1.76736
509.149263	1	1.76791
501.155727	1	1.7685
421.361647	1	1.7689
341.567568	1	1.76926
261.773488	1	1.76959
181.979408	1	1.76986
175.948052	1	1.77013
178.112554	1	1.77036
180.277056	1	1.77057
182.441558	1	1.77079
181.269772	1	1.77103
171.51896	1	1.77126
161.768147	1	1.77148
152.017335	1	1.77172
142.266522	1	1.77195
118.952627	1	1.77217
88.806202	1	1.77243
58.659776	1	1.77269
28.513351	1	1.77296
-1	1	1.7732
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3.899438	1	1.77805
8.873486	1	1.77816
13.847535	0	1.77826
18.821583	0	1.77836
60.965079	0	1.77846
168.901587	0	1.7786
276.838095	0	1.77879
384.774603	0	1.77912
492.711111	1	1.77959
512.197057	1	1.78027
481.060354	1	1.78102
449.923651	1	1.78166
418.786948	1	1.78219
387.650245	1	1.78273
356.626301	1	1.78325
325.608668	1	1.78376
294.591035	1	1.78431
263.573401	1	1.78477
242.560273	1	1.78512
253.228078	1	1.78551
263.895882	1	1.78592

13:55:19.517	197.6	64.8	1661
13:55:20.517	197.6	72.8	1662
13:55:21.517	197.6	81.5	1664
13:55:22.517	197.6	86.5	1670
13:55:23.517		83.4	1675
13:55:24.517		72.5	1683
13:55:25.517		85.8	1686
13:55:26.517		96.4	1695
13:55:27.517		84.2	1710
13:55:28.517		83.1	1734
13:55:29.517		78.1	1768
13:55:30.517		68.7	1785
13:55:31.517		82.7	1791
13:55:32.517	195.8	86.6	1799
13:55:33.517	195.7	81.5	1815
13:55:34.517	195.5	77.4	1832
13:55:35.517	195.3	76.2	1841
13:55:36.517	195.1	81.8	1851
13:55:37.517	194.9	74.8	1859
13:55:38.517	194.7	71	1866
13:55:39.517	194.5	81	1868
13:55:40.517	194.3	85.9	1872
13:55:41.517	194.1	74.6	1880
13:55:42.517	194	88.8	1888
13:55:43.517	193.8	77.5	1900
13:55:44.517	193.6	76.6	1914
13:55:45.517	193.4	77.5	1933
13:55:46.517	193.2	79.5	1947
13:55:47.517	193	81.5	1956
13:55:48.517	192.8	81.8	1961
13:55:49.517	192.6	83.8	1966
13:55:50.517	192.4	80.6	1975
13:55:51.517	192.3	80.1	1984
13:55:52.517		67	1993
13:55:53.517		71.2	1995
13:55:54.517		83.4	1997
13:55:55.517		86.2	2001
13:55:56.517		71.6	2007
13:55:57.517		78.6	2011
13:55:58.517		77.5	2013
13:55:59.517		78	2013
13:56:00.517	191.6	90.2	2018
13:56:01.517	191.6	64.9	2023
13:56:02.517	191.5	55.2	2021
13:56:03.517	191.4	64.3	2016
13:56:04.517	191.4	65.6	2011
13:56:05.517	191.3	54	2003
13:56:06.517	191.2	64.3	1996
13:56:07.517	191.2	71.2	1992
13:56:08.517	191.1	79.5	1990
13:56:09.517	191.1	85.2	1993
13:56:10.517	191	81.8	1996
13:56:11.517	190.9	77.8	2003
13:56:12.517	190.9	77.3	2003
13:56:13.517	190.8	76.2	2010
13:56:14.517	190.7	64.7	2013
13:56:15.517	190.7	69.5	2010
13:56:16.517	190.6	77.4	2014
13:56:17.517	190.5	82.4	2024
13:56:18.517	190.5	73.9	2034
13:56:19.517	190.4	60.8	2039
13:56:20.517		71.7	2039
13:56:21.517		58.2	2033

41.83625	515.005267	380.433333	63.4	0.000713	0.00035	0.00009	24	4.9
31.78286	512.067704	436.243256	63.8	0.000516	0.00028	0.00012	24	4.9
37.16068	509.658836	380.9	64.2	0.000619	0.00033	0.00016	24	4.9
44.80451	507.249968	381.543977	64.3	0.000716	0.00035	0.00013	24	4.8
49.73452	504.8411	381.827292	64.3	0.000775	0.00038	0.00022	24	4.7
37.61537	502.432232	391.184178	64.4	0.000642	0.00032	0.00011	24	4.8
41.62743	508.197059	409.531915	64.7	0.000689	0.00034	0.00018	24	4.8
63.76031	519.122116	383.885776	65	0.001019	0.00047	0.00016	24	4.7
79.62787	530.047172	384.1	65.1	0.001414	0.00063	0.0003	24	4.7
97.00164	540.972228	386.828636	65.4	0.001663	0.00079	0.00044	24	4.7
84.97284	551.897284	421.469231	65.9	0.001283	0.00067	0.00018	24	4.9
54.89204	554.147269	414.582536	67	0.000852	0.00046	0.00022	24	5
45.91405	552.956304	392.55318	68.1	0.000742	0.00039	0.00008	24	4.9
58.80408	551.765339	394.2	68.9	0.001021	0.0005	0.00026	24	4.9
68.14034	550.574374	394.665762	69.3	0.001148	0.00056	0.00021	24	4.9
67.16447	549.383409	439.860876	69.5	0.001117	0.00056	0.00024	24	5
51.56514	542.394981	398.913588	70.1	0.000932	0.00048	0.00021	24	5
50.79073	534.351223	399.788227	70.7	0.00085	0.00044	0.00014	24	5
50.21595	526.307465	400.910178	71.2	0.000847	0.00044	0.00023	24	5
43.19433	518.263707	401.8174	71.6	0.000669	0.00037	0.00013	24	5
43.09268	512.936538	455.474541	71.9	0.000702	0.00038	0.00021	24	5
55.41932	519.656851	403.8	72.2	0.000914	0.00045	0.00019	24	4.9
55.22186	526.377164	404.706667	72.3	0.00095	0.00048	0.0002	24	4.9
56.98081	533.097477	406.196986	72.4	0.000932	0.00047	0.00025	24	4.9
70.95033	539.81779	414.020493	72.7	0.001212	0.00059	0.00025	24	4.9
74.66487	542.268996	439.896891	73.1	0.00125	0.00062	0.00038	24	4.9
71.1555	541.704142	410.137787	73.4	0.001166	0.00059	0.00022	24	4.9
67.24196	541.139289	410.435325	74	0.001092	0.00055	0.00027	24	4.9
62.34633	540.574435	412.454601	74.7	0.001014	0.00051	0.00019	24	4.9
57.11857	540.009582	440.93672	75.2	0.000946	0.00048	0.00022	24	4.9
58.71177	537.235122	425.975635	75.6	0.000947	0.00048	0.00023	24	4.9
60.22905	533.928821	414.6	75.8	0.00104	0.00051	0.00019	24	4.9
68.79169	530.62252	414.846857	76.1	0.001116	0.00056	0.0003	24	4.9
64.8764	527.31622	415.4	76.4	0.001068	0.00058	0.00016	24	4.9
47.78256	524.009919	457.504139	76.6	0.000757	0.00042	0.0002	24	4.9
45.23117	523.391049	415.46	77	0.000713	0.00037	0.00012	24	4.8
59.50584	522.780265	416.524416	77.3	0.000961	0.00046	0.00025	24	4.8
56.61036	522.169482	417.1	77.3	0.000916	0.00047	0.00019	24	4.8
51.78351	521.558698	417.1	77.4	0.000795	0.00042	0.00014	24	4.8
50.90535	520.083906	463.190133	77.7	0.000805	0.00041	0.0002	24	4.8
52.07678	516.00321	416.3	77.9	0.000823	0.00042	0.00009	24	4.8
56.7336	511.922513	416.3	77.9	0.000911	0.00046	0.0002	24	4.8
57.55283	507.841816	417.1	78	0.000887	0.00046	0.00013	24	4.7
35.6507	503.761119	444.115375	78.1	0.000516	0.00031	0.00012	24	4.8
38.14173	496.046718	419.541765	78.4	0.000535	0.00032	0.00015	24	4.8
41.12061	487.8694	416.968921	78.4	0.000543	0.00031	0.00015	24	4.8
33.22709	479.692081	416.709169	78.1	0.000474	0.00028	0.00016	24	4.8
36.92301	471.514762	416.481221	78	0.000523	0.00032	0.00012	24	4.8
42.00714	467.268605	438.222458	77.7	0.000596	0.00034	0.0002	24	4.8
44.33233	475.471125	417.1	77.4	0.000669	0.00035	0.00015	24	4.8
48.43398	483.673646	417.1	77.2	0.000796	0.00039	0.00019	24	4.8
56.60592	491.876166	417.208621	77.2	0.000921	0.00045	0.00022	24	4.8
58.40338	500.078687	431.053738	77.2	0.000936	0.00047	0.00015	24	4.8
58.7282	501.464717	425.156866	77.3	0.000934	0.00048	0.00018	24	4.8
57.30253	500.160278	418.639103	77.4	0.000888	0.00047	0.00012	24	4.8
46.24761	498.855838	418.7	77.7	0.000676	0.00038	0.0002	24	4.8
42.30803	497.551399	419.10499	77.9	0.000677	0.00037	0.00013	24	4.8
54.1333	496.24696	447.580544	78	0.000865	0.00043	0.0002	24	4.8
71.12478	495.626434	419.5	77.9	0.001127	0.00055	0.00024	24	4.8
67.11112	495.031449	419.646051	77.9	0.001067	0.00055	0.00026	24	4.8
54.68558	494.436464	420.5	78.2	0.000804	0.00045	0.00022	24	4.8
40.94461	493.841479	421.142322	78.6	0.00057	0.00034	0.00012	24	4.8
30.35361	493.250601	453.577522	78.9	0.000439	0.00027	0.00014	24	4.9

274.563687	1	1.78627
285.231491	1	1.78655
286.58642	1	1.78688
280.41358	1	1.78723
274.240741	1	1.78761
268.067901	1	1.78793
261.895062	1	1.78827
417.922603	1	1.78874
601.457812	1	1.78937
784.99302	1	1.79016
968.528228	1	1.79083
1152.063437	1	1.79129
1008.473154	1	1.79168
859.563758	1	1.79218
710.654362	1	1.79274
561.744966	1	1.7933
434.045455	1	1.79378
383.329966	1	1.79422
332.614478	1	1.79466
281.89899	1	1.79503
231.183502	1	1.79541
219.308878	1	1.79586
252.302149	1	1.79634
285.29542	1	1.79681
318.288691	1	1.7974
351.281962	1	1.79802
321.290605	1	1.79861
280.789562	1	1.79916
240.288518	1	1.79967
199.787474	1	1.80015
163.32301	1	1.80063
183.069424	1	1.80114
202.815839	1	1.8017
222.562253	1	1.80228
242.308668	1	1.8027
254.03284	1	1.80307
242.44237	1	1.80353
230.8519	1	1.804
219.261429	1	1.80442
207.670959	1	1.80483
199.235135	1	1.80525
192.928829	1	1.80571
186.622523	1	1.80617
180.316216	1	1.80648
173.209649	1	1.8068
161.80614	1	1.80711
150.402632	1	1.80739
138.999123	1	1.80771
127.595614	1	1.80805
124.856508	1	1.8084
127.966237	1	1.80879
131.075966	1	1.80924
134.185695	1	1.80971
137.273944	1	1.81019
140.15757	1	1.81066
143.041195	1	1.81104
145.92482	1	1.81141
148.808445	1	1.81184
150.276642	1	1.81239
147.262648	1	1.81294
144.248654	1	1.81339
141.234661	1	1.81373
138.220667	1	1.814

13:56:22.517		61.3	2027
13:56:23.517		81.5	2021
13:56:24.517		80.5	2025
13:56:25.517		80.8	2029
13:56:26.517		82.3	2033
13:56:27.517	189.4	82.9	2039
13:56:28.517	189.3	74.1	2041
13:56:29.517	189.1	54.5	2046
13:56:30.517	189	49.5	2043
13:56:31.517	188.9	44.7	2032
13:56:32.517	188.7	46.6	2017
13:56:33.517	188.6	6	2001
13:56:34.517	188.5	21.2	1983
13:56:35.517	188.3	21.7	1962
13:56:36.517	188.2	24.7	1948
13:56:37.517	188.1	56.6	1932
13:56:38.517	188	84.8	1925
13:56:39.517	187.8	78.7	1926
13:56:40.517	187.7	58.5	1928
13:56:41.517	187.6	61.6	1920
13:56:42.517	187.4	52.6	1903
13:56:43.517	187.3	11.6	1884
13:56:44.517	187.2	0	1860
13:56:45.517	187	23	1835
13:56:46.517	186.9	59	1819
13:56:47.517		72.8	1810
13:56:48.517		65.3	1804
13:56:49.517		42.4	1797
13:56:50.517		48.2	1777
13:56:51.517		45	1758
13:56:52.517		45.6	1742
13:56:53.517		66.7	1738
13:56:54.517		83.1	1739
13:56:55.517	190.5	84.1	1744
13:56:56.517	190.9	83	1752
13:56:57.517	191.4	81.7	1764
13:56:58.517	191.8	79.9	1779
13:56:59.517	192.3	72	1795
13:57:00.517	192.7	60	1806
13:57:01.517	193.2	57.3	1806
13:57:02.517	193.7	74.4	1805
13:57:03.517	194.1	74.2	1808
13:57:04.517	194.6	57.8	1801
13:57:05.517	195	48.7	1794
13:57:06.517	195.5	39.3	1784
13:57:07.517	195.9	46.1	1772
13:57:08.517	196.4	61.5	1766
13:57:09.517	196.8	77.5	1763
13:57:10.517	197.3	56.6	1762
13:57:11.517	197.7	72.6	1758
13:57:12.517	198.2	73.2	1754
13:57:13.517	198.7	72.2	1755
13:57:14.517	199.1	85.8	1751
13:57:15.517		88.8	1761
13:57:16.517		82	1770
13:57:17.517		85.2	1778
13:57:18.517		83.2	1787
13:57:19.517		80.9	1798
13:57:20.517		81	1816
13:57:21.517		84	1845
13:57:22.517		84.8	1875
13:57:23.517	197.8	83.1	1908
13:57:24.517	197.6	84.1	1942

36.84156	492.671537	420.5	79.1	0.000458	0.0003	0.00007	24	4.9
48.21559	492.092472	420.5	78.9	0.000672	0.0004	0.00011	24	4.8
55.77603	491.513408	420.5	78.6	0.000808	0.00043	0.0001	24	4.8
57.40644	490.934343	436.74904	78.4	0.000874	0.00045	0.00008	24	4.8
55.03197	489.630796	424.31393	78.5	0.000878	0.00045	0.00019	24	4.8
58.26599	488.108395	420.5	78.6	0.000945	0.00048	0.00009	24	4.8
59.70486	486.585994	420.5	78.6	0.000976	0.00051	0.00025	24	4.8
46.95067	485.063593	420.5	78.8	0.000716	0.00041	0.00013	24	4.8
36.6386	479.976459	452.064228	78.9	0.0005	0.00031	0.00014	24	4.9
30.12546	457.485039	419.5	79.3	0.000397	0.00027	0.00012	24	4.9
32.54742	434.99362	419.194359	79.2	0.000358	0.00027	0.00011	24	4.9
28.88999	412.502201	418.7	78.8	0.000293	0.00026	0.00017	24	5
31.46982	390.010781	418.7	78.3	0.00019	0.00026	0.00012	24	5.1
29.59569	374.625997	397.120999	77.7	0.000135	0.00025	0.00017	24	5.1
27.11875	384.884048	417.585	76.9	0.00012	0.00024	0.00011	24	5.1
33.40904	395.142099	417.1	76.2	0.000174	0.00026	0.00013	24	5.1
47.47246	405.400149	417.1	75.4	0.000494	0.00042	0.0002	24.5	5
58.64222	415.6582	417.1	74.9	0.000734	0.00045	0.00017	25	5
37.28142	414.634666	417.426866	74.6	0.000478	0.00029	0.00015	25	5
43.93527	403.526079	416.3	74.7	0.000448	0.00029	0.0001	25	5
34.03632	392.417492	416.875522	74.7	0.000414	0.00028	0.00015	25	5
27.07616	381.308905	416.3	74.5	0.000306	0.00024	0.00011	25	5
22.08424	371.981408	395.152373	74	0.000158	0.00019	0.00012	25	5.1
22.25737	375.008459	415.142657	73.3	0.000091	0.0002	0.0001	25	5.2
33.99211	378.035509	414.6	72.3	0.000177	0.00029	0.00014	25	5
39.1197	381.062559	415.274122	71.1	0.000341	0.00032	0.00019	25	4.9
36.2989	384.089609	413.903586	70.4	0.000426	0.00029	0.00012	25	4.8
25.13401	382.633865	406.12511	70.2	0.000339	0.00022	0.00013	25	4.8
20.97839	376.082293	413.8	69.9	0.000257	0.00019	0.00009	25	4.9
26.15	369.530722	413.8	69.4	0.000256	0.00022	0.00015	25	4.9
28.44048	362.97915	413.458502	68.8	0.00026	0.00023	0.00014	25	4.9
34.00482	356.427579	393.085	68.1	0.000395	0.00029	0.00017	25	4.9
44.76421	377.007497	412	67.7	0.000599	0.00035	0.00027	25	4.8
47.22273	399.015388	412	67.3	0.000768	0.00038	0.00019	25	4.7
50.01522	421.023279	411.29881	67.2	0.000872	0.00042	0.00024	25	4.7
48.20999	443.031171	410.41791	67.4	0.000944	0.00045	0.00012	25	4.8
78.23129	457.207062	426.599802	67.8	0.001219	0.00058	0.00029	25	4.8
61.21499	459.029385	408.726754	68.2	0.001057	0.00054	0.00021	25	4.8
43.95758	460.851708	406.654802	68.7	0.000623	0.00036	0.00013	25	4.9
29.42032	462.674032	405.448443	69.5	0.000545	0.00033	0.00017	25	4.9
39.13914	464.496355	409.974863	70	0.00056	0.00031	0.00009	25	4.8
36.98386	457.548533	415.481443	70	0.000535	0.00029	0.00013	25	4.8
30.51964	443.681867	401.487885	70	0.000461	0.00026	0.00007	25	4.8
27.06308	429.8152	400.263243	70	0.000382	0.00023	0.00012	25	4.8
26.18331	415.948533	399.7	70	0.000323	0.00023	0.00013	25	4.9
31.38828	403.056848	400.430764	69.6	0.000291	0.00023	0.00016	25	4.9
30.80538	405.715291	397.828145	69.1	0.000336	0.00025	0.00018	25	4.9
39.61758	408.373735	396.218759	68.7	0.000498	0.0003	0.00017	25	4.8
32.35385	411.032178	395.145198	68.4	0.000471	0.00027	0.00015	25	4.9
32.85913	413.690621	394.271304	68.2	0.000451	0.00026	0.0001	25	4.9
32.08	419.001826	400.870588	68.2	0.000442	0.00026	0.00016	25	4.9
33.19389	429.090976	392.7	68.1	0.00049	0.00027	0.00015	25	4.8
46.71369	439.180126	391.98465	67.9	0.000754	0.00039	0.00024	25	4.8
55.3577	449.269276	390.806021	67.8	0.000971	0.00046	0.00033	25	4.8
47.97778	459.358426	405.178562	67.8	0.000812	0.00041	0.00017	25	4.8
43.55417	472.164388	393.118731	68	0.000906	0.00044	0.00022	25	4.8
67.95559	485.837723	388.015638	68.5	0.001085	0.00051	0.00016	25	4.8
58.79026	499.511057	387.641219	68.7	0.001061	0.0005	0.00026	24.5	4.7
87.37368	513.184392	387.2	69.1	0.001496	0.0007	0.00027	24.5	4.7
93.657	526.075561	452.220026	69.6	0.001678	0.00081	0.00036	25	4.8
111.08922	536.006477	387.2	70.3	0.001831	0.00092	0.00038	25	4.9
111.52723	545.937392	387.2	71	0.001815	0.00133	0.00024	25	7
115.19329	555.868307	387.987246	72.1	0.001827	0.00192	0.00045	25	9.8

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241.215943	1	1.82797
217.443851	1	1.82823
197.208139	1	1.82846
176.972426	1	1.82869
156.736713	1	1.82892
142.039094	1	1.82917
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127.939543	1	1.82974
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113.839991	1	1.83026
138.227224	1	1.83053
173.717377	1	1.83092
209.207531	1	1.83138
244.697684	1	1.83179
296.400086	1	1.83223
469.282173	1	1.83274
642.16426	1	1.83324
815.046346	1	1.83394
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1052.032613	1	1.83567
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943.609287	1	1.83892

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13:57:59.517	188.7	1.3	1907
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13:58:01.517	188.1	22.5	1889
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13:58:05.517	186.8	81	1864
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13:58:08.517	185.8	85.6	1854
13:58:09.517	185.5	46	1841
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13:58:16.517		62	1797
13:58:17.517		76	1797
13:58:18.517	187.5	75.4	1798
13:58:19.517	187.9	98.6	1798
13:58:20.517	188.2	86.2	1806
13:58:21.517	188.5	80.5	1817
13:58:22.517	188.9	78	1821
13:58:23.517	189.2	80	1828
13:58:24.517	189.5	80.3	1834
13:58:25.517	189.9	81	1840
13:58:26.517	190.2	79.6	1845
13:58:27.517	190.5	77.9	1852

107.0475	565.799223	406.340387	73.4	0.001469	0.00195	0.00028	25	11.6
52.86154	564.060994	431.391506	74.8	0.000672	0.00084	0.00018	24.5	9.5
39.87583	553.76809	389.6	76.1	0.000548	0.00044	0.00011	24	6.2
43.99297	543.475186	390.318885	76.8	0.000686	0.00046	0.00011	24	6.1
56.22717	533.182281	390.491205	76.8	0.000912	0.00057	0.00011	24	6
50.7269	522.889377	411.441521	76.5	0.000824	0.00051	0.00003	24	5.9
64.92203	522.773053	402.005789	76.5	0.000969	0.00057	0.00012	24	5.7
67.40588	526.439792	391.9	76.5	0.001299	0.00073	0.00016	24.5	5.7
79.99662	530.106531	392.241587	76.5	0.001144	0.00069	0.00032	24.5	5.6
56.04409	533.77327	393.175851	76.8	0.000937	0.00055	0.0002	24	5.5
76.057	536.616309	462.070365	77.1	0.001102	0.00064	0.00024	24	5.3
49.23193	533.418884	395.220095	77.3	0.000736	0.00044	0.00023	24	5.3
40.89083	530.221459	396.177273	77.4	0.00066	0.0004	0.00016	24	5.3
51.55698	527.024034	396.6	77.7	0.000786	0.00043	0.00026	24	5.2
53.16169	523.826609	399.058206	77.6	0.000884	0.00046	0.00018	24	5.1
44.05728	517.583427	436.323077	77.4	0.00069	0.00039	0.00024	24	5.1
38.00097	507.76479	398.587234	77.3	0.00054	0.00032	0.00015	24	5.1
36.96971	497.946154	398.9	77.2	0.000521	0.00031	0.00018	24	5.1
36.37729	488.127517	399.791139	77.1	0.000536	0.00032	0.00018	24	5.1
38.22541	478.308881	409.503021	77.1	0.000549	0.00032	0.00019	24	5.1
40.14316	478.751762	410.787064	76.7	0.00057	0.00033	0.00023	24	5
42.63345	484.410527	401.182824	76.1	0.000673	0.00036	0.00018	24	4.9
50.6405	490.069293	402.1	75.7	0.000804	0.00042	0.00027	24	4.9
54.15205	495.728059	402.994737	75.5	0.00086	0.00044	0.00016	24	4.9
55.52353	501.386825	440.943836	75.5	0.000943	0.00048	0.00021	24	4.9
49.48443	493.611203	405.530736	75.5	0.000733	0.00041	0.00019	24	5
38.74529	485.561411	406.431222	75.7	0.000542	0.00032	0.00015	24	5
37.51228	477.511618	407.2	75.8	0.000545	0.00031	0.00019	24	5
36.00179	469.461826	407.2	75.7	0.000496	0.00028	0.00012	24	4.9
28.66954	460.17931	434.964911	75.7	0.000426	0.00026	0.00017	24	4.9
29.948	444.425	408.271762	75.5	0.000378	0.00025	0.00015	24	5
30.7089	428.67069	408.8	75.3	0.000358	0.00025	0.00016	24	5
29.31246	412.916379	408.080101	75	0.000359	0.00026	0.00018	24	5
28.34708	397.162069	408.791407	74.8	0.000288	0.00026	0.00015	24	5
24.2795	382.765853	404.442965	74.8	0.000158	0.00021	0.00014	24	5.1
21.70752	369.623261	408.8	74.5	0.00009	0.00021	0.0001	24	5.2
25.77052	356.48067	408.8	73.9	0.000066	0.00022	0.00014	24	5.3
25.78101	343.338079	408.8	73.5	0.000092	0.00022	0.0001	24	5.2
43.0035	338.403619	374.666474	73	0.000325	0.00034	0.00017	24	5.1
43.87351	362.401896	409.94717	72.6	0.000503	0.00036	0.00019	24	5
47.3311	386.400172	410.93265	72.4	0.000656	0.00039	0.00017	24	4.9
50.31535	410.398449	411.2	72.4	0.00075	0.00041	0.00025	24	4.9
52.03616	434.396726	415.141516	72.3	0.000805	0.00041	0.00011	24	4.9
60.96421	445.015953	419.822368	72	0.000967	0.00046	0.00022	24	4.8
38.65671	445.907064	413	71.8	0.000626	0.00034	0.00011	24	4.8
37.20932	446.798174	412	71.7	0.00049	0.00028	0.00013	24	4.8
37.13438	447.689285	412	71.3	0.000521	0.00029	0.00014	24	4.7
40.0817	448.580396	426.76875	70.8	0.000656	0.00034	0.00018	24	4.7
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52.91328	470.16331	411.467692	69.5	0.000871	0.00041	0.00024	24.4	4.7
46.7962	477.40418	410.563617	69.5	0.00084	0.00042	0.00015	25	4.7
41.25897	484.16723	441.884338	69.5	0.000677	0.00034	0.00015	25	4.7
42.56181	489.425446	409.172267	69.6	0.000717	0.00035	0.00014	25	4.7
51.59215	494.683662	408.8	69.6	0.00083	0.00039	0.00018	25	4.7
55.74727	499.941878	408.191914	69.6	0.000957	0.00043	0.00022	25	4.7
54.70287	505.200094	443.599445	69.6	0.000929	0.00043	0.00015	25	4.7
51.96	505.3	405.441205	69.9	0.000889	0.00042	0.0002	25	4.7
52.12739	505.3	404.7	70.1	0.000866	0.00041	0.00011	25	4.6
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51.22009	505.3	402.211215	70.8	0.00086	0.00041	0.00017	25	4.6
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50.89383	492.812325	401.55959	71.1	0.000803	0.0004	0.0002	25	4.6

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13:58:35.517	193.2	76.2	1822
13:58:36.517	193.6	75.9	1821
13:58:37.517	193.9	77.4	1823
13:58:38.517		78.8	1823
13:58:39.517		79.2	1824
13:58:40.517		76.7	1824
13:58:41.517		74.1	1824
13:58:42.517		80	1827
13:58:43.517		79.9	1828
13:58:44.517		72.2	1830
13:58:45.517	194.5	73.2	1831
13:58:46.517	194.6	74.1	1829
13:58:47.517	194.6	73.1	1830
13:58:48.517	194.7	73.3	1829
13:58:49.517	194.8	73.3	1827
13:58:50.517	194.8	72.5	1827
13:58:51.517	194.9	70.6	1822
13:58:52.517	195	71	1824
13:58:53.517	195	71.9	1824
13:58:54.517	195.1	73.9	1822
13:58:55.517	195.2	79.1	1820
13:58:56.517	195.2	76.7	1820
13:58:57.517	195.3	74.9	1819
13:58:58.517	195.4	71.8	1818
13:58:59.517	195.4	71.9	1816
13:59:00.517	195.5	69.3	1812
13:59:01.517	195.6	76.3	1809
13:59:02.517	195.6	78.2	1804
13:59:03.517	195.7	78.2	1805
13:59:04.517	195.8	78.1	1804
13:59:05.517		77.9	1806
13:59:06.517		82.2	1807
13:59:07.517		83	1813
13:59:08.517		76.3	1816
13:59:09.517		70.9	1815
13:59:10.517		75.7	1819
13:59:11.517		73.2	1817
13:59:12.517	195.3	74.5	1811
13:59:13.517	195.2	77.3	1806
13:59:14.517	195.2	77.5	1803
13:59:15.517	195.1	76.7	1801
13:59:16.517	195	75.3	1799
13:59:17.517	195	75.9	1795
13:59:18.517	194.9	75.9	1791
13:59:19.517	194.9	75.6	1787
13:59:20.517	194.8	77	1783
13:59:21.517	194.7	79.9	1781
13:59:22.517	194.7	80.4	1781
13:59:23.517	194.6	78.3	1778
13:59:24.517	194.5	77.4	1778
13:59:25.517	194.5	78.3	1779
13:59:26.517	194.4	82.3	1782
13:59:27.517	194.3	87.9	1787
13:59:28.517	194.3	77.6	1801
13:59:29.517	194.2	74.8	1816
13:59:30.517	194.1	76.5	1827

40.35678	484.380404	400.542487	71.3	0.000581	0.00031	0.00011	25	4.7
31.36309	475.948484	400.306957	71.6	0.000451	0.00026	0.00015	25	4.7
29.95464	467.516563	415.348657	71.7	0.000428	0.00025	0.00009	25	4.7
31.74901	465.428236	399.695951	71.6	0.000436	0.00025	0.00016	25	4.7
33.72161	464.620826	398.2	71.3	0.000472	0.00027	0.00016	25	4.7
39.85012	463.813417	398.2	71	0.000592	0.00031	0.00017	25	4.7
42.36601	463.006008	398.2	70.7	0.000674	0.00033	0.00013	25	4.6
41.18581	463.775855	408.586397	70.5	0.00068	0.00034	0.00004	25	4.6
39.88844	465.508311	397.457957	70.5	0.00064	0.00033	0.00005	25	4.7
39.87294	467.240768	398.2	70.5	0.000632	0.00032	0.00001	25	4.7
39.69697	468.973224	398.2	70.5	0.000639	0.00032	0.0001	25	4.7
41.5799	470.611585	429.76822	70.5	0.000669	0.00033	0.00011	25	4.7
41.0014	470.801498	398.2	70.5	0.00064	0.00032	0.00009	25	4.7
38.23	470.991412	398.2	70.5	0.000617	0.00031	0.00015	25	4.6
38.55461	471.181325	398.754016	70.5	0.000624	0.00031	0.00009	25	4.6
43.79831	471.371239	398.9	70.7	0.000679	0.00033	0.00015	25	4.6
37.21091	470.563093	427.339363	70.7	0.000606	0.00031	0.00007	25	4.6
36.63251	467.653446	399.7	70.8	0.000559	0.0003	0.00014	25	4.7
36.94061	464.743798	399.7	70.9	0.000561	0.00029	0.00012	25	4.7
36.61195	461.83415	399.7	70.8	0.000562	0.00029	0.00014	25	4.7
37.08082	458.924502	412.343293	70.8	0.000572	0.0003	0.00014	25	4.7
37.67846	456.974793	403.995154	70.8	0.000577	0.0003	0.0001	25	4.7
37.01306	455.343359	400.5	70.8	0.000574	0.0003	0.00017	25	4.7
36.07668	453.711926	399.964799	70.8	0.000562	0.00029	0.00009	25	4.7
36.7021	452.080492	400.398385	70.8	0.000557	0.0003	0.00015	25	4.8
37.10976	451.569412	417.743947	70.7	0.000565	0.0003	0.00012	25	4.8
37.39735	452.745882	400.5	70.7	0.000573	0.0003	0.00012	25	4.8
38.49216	453.922353	400.5	70.5	0.000596	0.00031	0.00013	25	4.8
39.09069	455.098824	400.5	70.5	0.000621	0.00031	0.00011	25	4.7
38.60672	456.275294	412.774218	70.4	0.000628	0.00032	0.00016	25	4.7
37.17167	454.917293	404.458798	70.4	0.000587	0.0003	0.00006	25	4.7
36.28732	452.960917	400.5	70.4	0.000548	0.00029	0.00013	25	4.7
34.87009	451.004542	400.858839	70.4	0.000523	0.00028	0.00011	25	4.7
37.59039	449.048167	400.575894	70.3	0.00055	0.00029	0.00013	25	4.8
37.87386	449.030706	417.040923	70.2	0.000595	0.00031	0.00017	25	4.7
39.68117	452.430446	400.5	70	0.00065	0.00032	0.00013	25	4.7
40.59501	455.830186	400.5	70	0.000654	0.00033	0.00018	25	4.7
40.75236	459.229926	400.5	69.9	0.000649	0.00033	0.00012	25	4.7
42.80827	462.629667	413.931912	69.9	0.0007	0.00034	0.00017	25	4.7
47.74979	464.229249	405.756452	69.9	0.000793	0.00038	0.00015	25	4.7
47.69264	465.209423	401.231818	70	0.000807	0.0004	0.00015	25	4.7
44.56964	466.189597	400.5	70.1	0.000724	0.00037	0.00018	25	4.7
39.22222	467.169771	400.5	70.2	0.000617	0.00032	0.00006	25	4.8
38.39152	467.649162	430.130191	70.4	0.00059	0.00031	0.00015	25	4.7
36.86304	466.665482	400.5	70.4	0.000578	0.0003	0.00008	25	4.7
36.791	465.681802	400.5	70.3	0.000583	0.0003	0.00013	25	4.7
37.84554	464.698122	399.521849	70.2	0.000602	0.0003	0.00011	25	4.7
38.14376	463.714442	412.246939	70.1	0.000602	0.0003	0.0001	25	4.6
37.59011	462.468645	405.484757	69.9	0.000598	0.0003	0.00014	25	4.6
37.1554	461.149777	398.9	69.7	0.000594	0.00029	0.0001	25	4.6
36.87918	459.830908	398.9	69.6	0.000589	0.00029	0.00014	25	4.6
37.21881	458.51204	398.9	69.5	0.000587	0.00029	0.00008	25	4.6
36.22	457.492598	424.964156	69.4	0.000586	0.0003	0.00015	25	4.7
38.20974	459.870345	398.2	69.3	0.000608	0.0003	0.0001	25	4.7
41.79679	462.248093	398.2	69.2	0.000699	0.00034	0.00015	25	4.7
43.92903	464.625841	397.496703	69	0.000723	0.00035	0.00017	25	4.7
42.38682	467.003589	397.4	68.9	0.000702	0.00035	0.00004	25	4.7
42.6082	474.200155	411.425461	68.9	0.000687	0.00035	0.00014	25	4.7
43.66368	484.312762	397.4	68.8	0.000747	0.00037	0.0001	25	4.7
69.56434	494.42537	397.4	68.9	0.001123	0.00052	0.00022	25	4.7
73.85686	504.537977	397.4	68.9	0.00123	0.00058	0.00016	25	4.7
67.43962	513.16875	449.465032	69	0.001068	0.00052	0.00013	25	4.7
51.6327	507.517154	397.558831	69.5	0.00087	0.00043	0.00014	25	4.7

157.235797	1	1.8657
137.494626	1	1.86596
117.753455	1	1.86621
102.095916	1	1.86646
102.57075	1	1.86673
103.045584	1	1.86704
103.520418	1	1.86737
103.995252	1	1.86771
110.311277	1	1.86804
116.686305	1	1.86836
123.061332	1	1.86868
129.43636	1	1.86901
131.799372	1	1.86933
129.076859	1	1.86964
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104.864192	1	1.87207
103.506111	1	1.87237
102.148031	1	1.87266
100.78995	1	1.87296
99.43187	1	1.87326
99.59956	1	1.87356
100.478681	1	1.87387
101.357802	1	1.87418
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101.198682	1	1.87509
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107.678868	1	1.88174
111.383943	1	1.88204
123.494281	1	1.88238
135.60462	1	1.88273
147.714959	1	1.88308
159.825297	1	1.88343
221.690833	1	1.8838
288.901058	1	1.88432
356.111283	1	1.8849
423.321507	1	1.88542
443.529532	1	1.88585

13:59:31.517	194.1	83.3	1830
13:59:32.517		74.6	1834
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13:59:38.517		79.7	1824
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13:59:40.517	193.5	77.3	1822
13:59:41.517	193.4	80.8	1820
13:59:42.517	193.3	78.5	1820
13:59:43.517	193.3	73.2	1821
13:59:44.517	193.2	80.7	1819
13:59:45.517	193.1	90.2	1821
13:59:46.517	193.1	74.1	1824
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13:59:48.517	192.9	79.6	1819
13:59:49.517	192.9	80.4	1814
13:59:50.517	192.8	84.8	1813
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13:59:52.517	192.7	90.1	1820
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13:59:55.517	192.5	65.3	1854
13:59:56.517	192.4	71.8	1853
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13:59:58.517	192.3	77.7	1853
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14:00:08.517	191.6	81.4	1890
14:00:09.517	191.6	76.5	1894
14:00:10.517	191.5	79.8	1903
14:00:11.517	191.4	87.7	1911
14:00:12.517	191.4	81.3	1924
14:00:13.517	191.3	75.7	1933
14:00:14.517	191.2	67.2	1937
14:00:15.517	191.2	65.6	1937
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14:00:17.517	191	42.4	1917
14:00:18.517	191	57.4	1900
14:00:19.517	190.9	57.8	1887
14:00:20.517	190.8	62.3	1874
14:00:21.517	190.8	65.3	1862
14:00:22.517	190.7	69.1	1855
14:00:23.517	190.6	70.2	1847
14:00:24.517	190.6	74.7	1840
14:00:25.517	190.5	75.5	1839
14:00:26.517	190.4	69	1834
14:00:27.517		70.1	1827
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14:00:30.517		62.6	1818
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14:00:33.517		83.5	1821

51.61063	501.865559	397.839526	69.3	0.000844	0.00041	0.00009	25	4.7
49.37258	496.213963	396.715125	70.1	0.0008	0.0004	0.00017	25	4.7
39.12366	490.562367	406.290833	70.9	0.00056	0.0003	0.00005	25	4.8
35.94282	486.898206	413.971342	71.1	0.000557	0.00029	0.00012	25	4.7
36.41857	484.661448	397.4	71.1	0.000575	0.00029	0.0001	25	4.7
37.17097	482.424689	397.4	71	0.000596	0.0003	0.00012	25	4.7
38.18661	480.18793	397.192561	70.9	0.000602	0.0003	0.00011	25	4.7
39.67006	477.951171	416.392742	70.8	0.000645	0.00033	0.0001	25	4.8
41.79474	477.944864	396.6	70.7	0.000684	0.00034	0.00018	25	4.8
41.37858	478.353955	396.6	70.5	0.000671	0.00034	0.00011	25	4.7
42.50834	478.763045	396.6	70.5	0.000688	0.00034	0.00012	25	4.7
44.014	479.172136	397.31733	70.5	0.0007	0.00035	0.00005	25	4.7
39.15512	479.490634	417.114848	70.4	0.000642	0.00033	0.00007	25	4.7
39.22489	479.695226	397.215974	70.5	0.000643	0.00032	0.0001	25	4.7
52.30323	479.899818	396.814737	70.5	0.00086	0.0004	0.00022	25	4.7
48.95138	480.10441	397.4	70.5	0.000753	0.00038	0.00031	25	4.7
38.73327	480.411442	431.094839	70.5	0.000577	0.00031	0.00015	25	4.8
35.64	482.944212	397.4	70.5	0.000547	0.00029	0.00018	25	4.7
38.00717	485.476983	397.4	70.5	0.000607	0.0003	0.0001	25	4.7
41.4519	488.009753	397.4	70.5	0.000685	0.00033	0.00016	25	4.7
51.3773	490.542524	397.630452	70.3	0.000897	0.00041	0.00022	25	4.7
62.12	492.767057	418.195902	70.2	0.001037	0.00047	0.00019	25	4.7
80.15784	494.73217	398.2	70.2	0.001306	0.00061	0.00031	25	4.7
65.19487	496.697284	399.055862	70.4	0.001074	0.00054	0.00014	25	4.7
50.95016	498.662398	400.158495	70.9	0.00082	0.00045	0.00022	25	4.9
38.46362	500.589678	439.945257	71.4	0.000593	0.00034	0.00011	25	4.9
40.0088	499.85237	400.430761	71.8	0.000639	0.00033	0.00015	25	4.8
40.80675	499.115062	399.829673	71.8	0.000643	0.00033	0.00015	25	4.8
40.04985	498.377754	400.870581	71.8	0.000642	0.00032	0.00009	24.5	4.8
43.0051	497.640447	400.66	71.8	0.000705	0.00035	0.0002	24	4.8
53.75337	497.51391	441.674924	71.7	0.000925	0.00043	0.00014	24	4.7
60.51929	499.064133	401.680624	71.6	0.00102	0.00048	0.00026	24	4.7
57.62835	500.614355	402.1	71.6	0.000979	0.00047	0.00018	24	4.8
56.64898	502.164578	402.828738	71.7	0.000906	0.00046	0.00017	24	4.8
50.85384	503.714801	411.962347	72	0.000794	0.0004	0.00014	24	4.8
63.07598	506.885161	427.830256	72.3	0.001012	0.00047	0.0002	24	4.7
64.02726	511.338855	404.409111	72.4	0.001079	0.0005	0.00026	24	4.7
62.65486	515.792549	404.7	72.5	0.001053	0.0005	0.00016	24	4.7
55.8119	520.246243	405.5	72.7	0.000979	0.00047	0.00019	24	4.8
55.76019	524.699938	432.420315	73	0.000953	0.00046	0.00013	24	4.8
81.43481	524.724053	412.288117	73.3	0.001203	0.00057	0.00025	24	4.7
74.57956	523.295172	407.171095	73.5	0.001208	0.00058	0.00023	24	4.7
64.41278	521.866291	407.2	73.8	0.001076	0.00054	0.00014	24	4.8
49.31815	520.437411	407.746425	74.3	0.000744	0.00041	0.00019	24	4.8
47.58141	517.162626	461.035007	74.8	0.000718	0.00038	0.0001	24	4.8
34.30195	501.958339	408	75	0.000461	0.00027	0.00013	24	4.9
28.54729	486.754052	407.453744	75	0.000375	0.00026	0.00009	24	5
31.09558	471.549766	407.868225	74.8	0.000354	0.00026	0.00014	24	5
32.04801	456.345479	413.643484	74.2	0.000377	0.00026	0.00013	24	4.9
34.13814	450.738521	413.044478	73.7	0.000418	0.00027	0.00013	24	4.9
34.09631	450.186645	407.2	73.1	0.000448	0.00028	0.00018	24	4.9
34.55713	449.634768	407.443946	72.7	0.000475	0.00028	0.00012	24	4.9
35.54823	449.082892	407.539785	72.3	0.000511	0.00029	0.00018	24	4.8
38.96716	448.794921	426.798592	71.9	0.000574	0.00031	0.00013	24	4.8
38.93063	450.354288	407.2	71.6	0.000615	0.00032	0.00019	24	4.8
37.30574	451.913656	407.773982	71.3	0.000569	0.0003	0.00018	24	4.8
35.75679	453.473023	408	71.2	0.000545	0.0003	0.00018	24	4.9
37.56695	455.03239	414.578862	71	0.000596	0.00032	0.00021	24	4.9
49.16457	459.627667	415.295833	71	0.000757	0.00039	0.00018	24	4.9
38.2713	465.960476	408.8	70.8	0.000622	0.00033	0.00021	24	4.9
36.53548	472.293285	408.8	70.5	0.00057	0.00031	0.00014	24	4.9
43.48498	478.626095	408.32093	70.4	0.000729	0.00036	0.0002	24	4.9
55.12124	483.763384	445.092763	70.3	0.000937	0.00044	0.00023	24	4.8

381.966606	1	1.88626
320.40368	1	1.88666
258.840754	1	1.88696
197.277828	1	1.88725
177.977797	1	1.88754
160.301574	1	1.88784
142.62535	1	1.88814
124.949127	1	1.88847
114.840909	1	1.88881
120.522727	1	1.88915
126.204545	1	1.88949
131.886364	1	1.88984
137.568182	1	1.89017
148.2	1	1.89049
159.238961	1	1.89089
170.277922	1	1.89127
181.316883	1	1.89158
188.375342	1	1.89187
186.320548	1	1.89217
184.265753	1	1.8925
182.210959	1	1.89291
180.156164	1	1.89338
195.529412	1	1.89399
212.336134	1	1.89453
229.142857	1	1.89498
245.94958	1	1.89532
250.740461	1	1.89565
225.088381	1	1.89598
199.436301	1	1.8963
173.784221	1	1.89665
148.132141	1	1.89708
151.049896	1	1.89756
169.760915	1	1.89803
188.471933	1	1.89849
207.182952	1	1.89889
225.893971	1	1.89936
219.440246	1	1.89986
207.977712	1	1.90036
196.515177	1	1.90083
185.052643	1	1.90129
176.115767	1	1.90186
185.187041	1	1.90244
194.258315	1	1.90298
203.32959	1	1.90339
212.400864	1	1.90377
207.954128	1	1.90404
189.605505	1	1.9043
171.256881	1	1.90456
152.908257	1	1.90482
134.837067	1	1.90509
128.048201	1	1.90537
121.259335	1	1.90565
114.470468	1	1.90594
107.681602	1	1.90625
105.262416	1	1.90657
105.696161	1	1.90687
106.129907	1	1.90717
106.563652	1	1.90749
106.997398	1	1.90788
118.407636	1	1.90821
129.884132	1	1.90852
141.360627	1	1.90888
152.837122	1	1.90932

14:00:34.517		81.9	1828
14:00:35.517	189.9	75.5	1833
14:00:36.517	189.8	67.5	1834
14:00:37.517	189.7	74.3	1834
14:00:38.517	189.7	74.9	1837
14:00:39.517	189.6	82.6	1842
14:00:40.517	189.5	75.1	1849
14:00:41.517	189.5	62	1853
14:00:42.517	189.4	52.1	1852
14:00:43.517	189.3	35.4	1846
14:00:44.517	189.3	44.9	1840
14:00:45.517	189.2	48.3	1838
14:00:46.517	189.1	58.4	1832
14:00:47.517	189.1	73	1830
14:00:48.517	189	74.6	1826
14:00:49.517	188.9	63	1823
14:00:50.517	188.9	69.9	1811
14:00:51.517	188.8	73.8	1800
14:00:52.517	188.8	80.2	1790
14:00:53.517	188.7	64.1	1777
14:00:54.517	188.6	88.8	1764
14:00:55.517		88.4	1760
14:00:56.517		78.5	1759
14:00:57.517		74.5	1763
14:00:58.517		79.8	1767
14:00:59.517		82.7	1768
14:01:00.517		81.7	1765
14:01:01.517		76	1767
14:01:02.517		81.7	1762
14:01:03.517	190.8	86.8	1762
14:01:04.517	191.1	82.8	1777
14:01:05.517	191.4	79.3	1793
14:01:06.517	191.6	82.4	1807
14:01:07.517	191.9	73.1	1808
14:01:08.517	192.1	74	1813
14:01:09.517	192.4	81.4	1816
14:01:10.517	192.7	79.8	1828
14:01:11.517	192.9	73.3	1839
14:01:12.517	193.2	76.8	1858
14:01:13.517	193.4	76.6	1879
14:01:14.517	193.7	59.8	1892
14:01:15.517	194	68.5	1897
14:01:16.517	194.2	61.5	1895
14:01:17.517	194.5	77.2	1892
14:01:18.517	194.7	44.5	1890
14:01:19.517	195	48.8	1871
14:01:20.517	195.2	76.8	1869
14:01:21.517	195.5	80.8	1865
14:01:22.517	195.8	90.8	1868
14:01:23.517		84.3	1881
14:01:24.517		73	1891
14:01:25.517		81	1897
14:01:26.517		92.3	1903
14:01:27.517		82.3	1914
14:01:28.517		75.9	1920
14:01:29.517		82.5	1920
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14:01:31.517	194.1	78.5	1910
14:01:32.517	193.9	70.5	1908
14:01:33.517	193.7	64.6	1905
14:01:34.517	193.5	72.6	1901
14:01:35.517	193.3	68.1	1898
14:01:36.517	193.1	63.7	1895

58.20094	483.563295	409.6	70.2	0.000979	0.00047	0.00021	24	4.8
53.79109	483.363206	409.6	70.4	0.000888	0.00045	0.0002	24	4.9
43.83144	483.163117	410.280566	70.7	0.000698	0.00038	0.00015	24	4.9
37.13496	482.963028	417.999287	71	0.000537	0.00031	0.00016	24	4.9
35.4183	479.299179	421.211408	71.1	0.000533	0.0003	0.0001	24	4.9
43.85665	474.042505	409.6	71.1	0.000671	0.00035	0.00018	24	4.8
43.46708	468.785832	408.8	71.2	0.000663	0.00034	0.00015	24	4.8
35.81988	463.529158	408.8	71.3	0.000526	0.00029	0.00012	24	4.8
28.9093	458.272485	419.770238	71.6	0.000413	0.00026	0.00014	24	4.9
27.9394	445.675335	409.09708	71.7	0.000328	0.00024	0.00012	24	4.9
27.78255	431.411942	408	71.8	0.000242	0.00023	0.00015	24	5
27.56594	417.148549	408	71.6	0.000243	0.00023	0.00011	24	5
31.07649	402.885156	407.365957	71.3	0.000293	0.00025	0.00012	24	5
35.27367	395.916995	402.019757	71.2	0.000404	0.00029	0.00007	24	5
37.48306	403.430411	406.658502	70.5	0.000508	0.00031	0.00005	24	4.9
33.63452	410.943828	407.194619	70.9	0.000511	0.0003	0.00005	24	5
34.74042	418.457245	406.3	70.9	0.000496	0.00029	0.00002	24	5
36.17243	425.970662	412.675	70.8	0.000561	0.00032	0.00015	24	5
44.10604	439.107546	407.160052	70.3	0.000708	0.00037	0.00013	24	4.9
38.04743	453.137148	407.2	69.7	0.000677	0.00035	0.00017	24	4.9
47.60888	467.16675	407.2	69.2	0.000728	0.00037	0.00012	24	4.9
66.02734	481.196352	406.702745	68.8	0.001092	0.00053	0.00019	24	4.9
74.19092	494.421696	444.938734	68.3	0.001224	0.00059	0.00024	24	4.9
63.25774	496.265581	406.429126	67.9	0.001059	0.00054	0.00014	24	4.9
53.94902	498.109465	407.2	67.9	0.000896	0.00046	0.00015	24	4.9
49.01107	499.95335	406.673026	68.1	0.000827	0.00042	0.00005	24	4.9
49.64479	501.797234	406.3	68.4	0.00083	0.00042	0.00012	24	4.9
41.21781	504.127106	453.176153	68.4	0.000686	0.00036	0.00008	24	4.9
37.34631	508.597948	405.5	68.4	0.000595	0.00033	0.00008	24	5
61.84858	513.06879	404.946313	68.4	0.000985	0.00048	0.00023	24	4.9
66.2995	517.539633	404.620229	68.2	0.001141	0.00055	0.00024	24	4.9
63.07345	522.010475	414.145082	68.2	0.001052	0.00052	0.00019	24	4.9
56.82743	525.382029	428.451796	68.7	0.000928	0.00047	0.00006	24	4.9
49.04546	527.872173	403.8	69.2	0.000803	0.00042	0.00012	24	4.9
41.42145	530.362316	402.9	69.6	0.000616	0.00034	0.00006	24	4.9
54.40618	532.852459	402.9	70.1	0.001063	0.00051	0.00016	24	4.8
76.72364	535.342602	430.238415	70.1	0.001274	0.00062	0.00024	24	4.8
69.31504	533.993639	412.560938	70.1	0.001197	0.00059	0.00011	24	4.8
77.28496	531.267606	403.065424	70.6	0.00126	0.00062	0.00023	24	4.8
83.0664	528.541572	403.8	71.2	0.001253	0.00064	0.00006	24	4.8
60.5658	525.815538	404.513462	71.9	0.000907	0.00051	0.00012	24	4.9
40.99981	519.119176	449.052194	72.6	0.000653	0.00038	0.00005	24	4.9
41.54863	504.505929	404.332632	73.2	0.000578	0.00033	0.00007	24	4.9
38.1483	489.892682	404.7	73.3	0.000539	0.00031	0.00008	24	4.9
34.04152	475.279435	403.8	73.4	0.000442	0.00028	0.00007	24	4.9
35.72451	461.116983	425.821875	73.3	0.000407	0.0003	0.00013	24	5
43.54114	474.678401	404.7	73	0.000555	0.00036	0.00011	24	4.9
47.0518	488.239819	404.7	72.5	0.00067	0.00038	0.00016	24	4.9
60.05704	501.801237	405.142133	72.3	0.001003	0.0005	0.00017	24	4.8
66.6511	515.362655	406.064301	72.2	0.001124	0.00053	0.00025	24	4.7
55.45211	526.437067	466.401835	72.2	0.000963	0.00048	0.00023	24	4.8
48.88896	524.833818	407.625272	72.7	0.000687	0.00036	0.00008	24	4.8
54.40601	523.230569	408.8	73.2	0.000894	0.00042	0.00025	24	4.7
70.12213	521.627319	409.463881	73.4	0.001098	0.00051	0.00025	24.5	4.7
52.94014	520.02407	412.98273	73.5	0.000838	0.00044	0.00023	25	4.7
40.9143	515.568121	441.434519	73.9	0.000607	0.00034	0.00009	25	4.8
36.62014	508.095119	410.4	74.3	0.000545	0.0003	0.0001	25	4.8
39.37182	500.622117	410.4	74.3	0.000592	0.00032	0.00011	25	4.7
43.95952	493.149114	410.665111	74.2	0.00068	0.00034	0.00011	25	4.7
37.07643	485.676112	432.63762	74	0.000544	0.0003	0.00013	25	4.8
35.04112	481.038715	412	73.9	0.00053	0.00029	0.00007	25	4.7
36.80463	476.878336	412	73.9	0.00052	0.00028	0.0001	25	4.7
33.88447	472.717956	411.524355	73.6	0.000505	0.00028	0.00009	25	4.7

160.337258	1	1.90979
163.225505	1	1.91024
166.113752	1	1.91062
169.002	1	1.91093
171.890247	1	1.91123
158.910195	1	1.91158
145.303328	1	1.91192
131.696462	1	1.91221
118.089596	1	1.91247
108.15625	1	1.91271
114.40625	1	1.91294
120.65625	1	1.91317
126.90625	1	1.91342
133.15625	1	1.91371
130.824742	1	1.91402
124.902391	1	1.91432
118.980039	1	1.91461
113.057688	1	1.91493
121.200998	1	1.9153
211.61879	1	1.91565
302.036583	1	1.91602
392.454375	1	1.91655
482.872168	1	1.91714
520.570343	1	1.91768
453.616143	1	1.91814
386.661943	1	1.91856
319.707743	1	1.91898
252.753543	1	1.91934
231.164758	1	1.91967
261.561233	1	1.92015
291.957709	1	1.9207
322.354185	1	1.92122
352.750661	1	1.92169
401.3	1	1.92211
451.3	1	1.92245
501.3	1	1.92296
551.3	1	1.92358
590.219496	1	1.92417
535.686435	1	1.92479
481.153374	1	1.92543
426.620314	1	1.92594
372.087253	1	1.92632
330.644877	1	1.92665
294.680163	1	1.92696
258.715449	1	1.92724
222.750735	1	1.92754
200.404713	1	1.9279
212.393138	1	1.92828
224.381563	1	1.92878
236.369988	1	1.92931
248.358413	1	1.92979
258.238787	1	1.93015
265.500641	1	1.93057
272.762495	1	1.93108
280.024349	1	1.93152
287.286202	1	1.93186
263.067445	1	1.93216
229.124311	1	1.93248
195.181177	1	1.93282
161.238043	1	1.93312
133.036498	1	1.93341
124.386709	1	1.93369
115.73692	1	1.93397

14:01:37.517	192.9	80.2	1896
14:01:38.517	192.7	60.2	1891
14:01:39.517	192.5	42.1	1883
14:01:40.517	192.4	45.1	1875
14:01:41.517	192.2	66.4	1871
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14:01:43.517	191.8	71.8	1876
14:01:44.517	191.6	45.5	1873
14:01:45.517	191.4	36	1866
14:01:46.517	191.2	34.8	1850
14:01:47.517	191	54.1	1836
14:01:48.517	190.8	61.5	1827
14:01:49.517	190.6	56.5	1814
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14:01:51.517		65.4	1796
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14:01:55.517		77	1808
14:01:56.517		72.8	1815
14:01:57.517		77.3	1818
14:01:58.517	190.4	76.5	1824
14:01:59.517	190.4	79.3	1825
14:02:00.517	190.4	78.4	1828
14:02:01.517	190.4	58.4	1826
14:02:02.517	190.4	46.4	1820
14:02:03.517	190.4	60.2	1814
14:02:04.517	190.4	73.4	1810
14:02:05.517	190.4	84.8	1814
14:02:06.517	190.4	80.7	1814
14:02:07.517	190.4	70.2	1819
14:02:08.517	190.4	75.1	1821
14:02:09.517	190.4	71.4	1821
14:02:10.517	190.4	70.3	1816
14:02:11.517	190.4	73.4	1813
14:02:12.517	190.4	74.8	1814
14:02:13.517	190.4	64.8	1809
14:02:14.517	190.4	68.3	1807
14:02:15.517	190.4	76.8	1804
14:02:16.517	190.4	79.4	1807
14:02:17.517	190.4	82	1807
14:02:18.517		80.8	1816
14:02:19.517		70.3	1818
14:02:20.517		59.3	1817
14:02:21.517		67.3	1811
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14:02:23.517		71.9	1798
14:02:24.517		60.7	1792
14:02:25.517		70.4	1786
14:02:26.517	190.9	87.5	1788
14:02:27.517	191	83.7	1795
14:02:28.517	191.1	76.6	1803
14:02:29.517	191.1	64.6	1805
14:02:30.517	191.2	42.5	1799
14:02:31.517	191.3	31.4	1780
14:02:32.517	191.3	41.4	1767
14:02:33.517	191.4	66.9	1757
14:02:34.517	191.4	74.1	1753
14:02:35.517	191.5	82.6	1756
14:02:36.517	191.6	82	1753
14:02:37.517	191.6	81.1	1759
14:02:38.517	191.7	77.3	1761
14:02:39.517	191.8	72.7	1766

39.94701	468.557577	411.816112	73.5	0.000552	0.0003	0.00014	25	4.8
38.28839	463.820985	436.829265	73.4	0.000558	0.00031	0.00014	25	4.8
27.25419	457.005246	413	73.3	0.000408	0.00026	0.00011	25	4.9
27.0268	450.189508	412.495	73.3	0.000331	0.00026	0.00012	25	5
35.99711	443.373769	412.930663	73.1	0.000393	0.00029	0.00009	25	4.9
39.86922	436.558031	414.889986	72.6	0.000521	0.00033	0.00018	25	4.9
42.37048	427.114077	418.19483	72.5	0.000572	0.00033	0.00011	25	4.8
29.71983	415.65485	413.572093	72.5	0.000422	0.00026	0.00009	25	4.9
27.97372	404.195622	413.8	72.6	0.000333	0.00024	0.00011	25	4.9
25.51715	392.736395	413.8	72.7	0.000232	0.00021	0.00009	25	4.9
30.56553	381.277167	403.830769	73.1	0.000245	0.00024	0.00013	25	4.9
31.26706	382.861351	413.104528	72.1	0.000307	0.00026	0.00008	25	4.9
27.75711	385.798825	413.931805	71.2	0.000348	0.00025	0.00013	25	4.9
27.72287	388.736299	414.167315	70.8	0.000341	0.00023	0.00008	25	4.8
33.08006	391.673773	413.8	70.4	0.000359	0.00024	0.00011	25	4.8
34.39751	396.682604	404.316981	70	0.000444	0.00028	0.00013	25	4.9
46.86587	414.415488	414.6	69.5	0.000726	0.00039	0.00009	25	4.8
63.02402	432.148373	414.6	69.3	0.000983	0.00049	0.00012	25	4.9
51.38399	449.881257	415.405364	69.2	0.000954	0.00048	0.00002	25	4.9
46.82529	467.614141	423.679219	69.5	0.000747	0.0004	0.00006	25	4.9
44.35877	472.948434	425.213838	70	0.000706	0.00037	0.00008	25	4.9
41.71949	472.581184	416.3	70.2	0.000653	0.00034	0.00012	25	4.9
40.38612	472.213934	416.70558	70.4	0.000641	0.00034	0.00014	25	4.9
39.99	471.846684	415.4	70.5	0.000638	0.00033	0.00011	25	4.9
36.09514	471.197197	439.49226	70.5	0.000534	0.00029	0.00014	25	4.9
27.96155	465.790002	414.413076	70.7	0.000419	0.00025	0.0001	25	4.9
31.30752	460.382807	413.8	70.8	0.000417	0.00027	0.00021	25	4.9
36.61518	454.975612	413.8	70.5	0.000504	0.0003	0.00019	25	4.9
42.04861	449.568418	413.002614	70.2	0.000631	0.00034	0.00022	25	4.8
44.96565	447.692764	420.190407	70.1	0.000711	0.00036	0.00021	25	4.8
40.12125	449.012316	411.383636	70.1	0.000651	0.00034	0.00015	25	4.8
37.88111	450.331867	411.140741	70.2	0.000573	0.00031	0.00015	25	4.8
35.2488	451.651419	409.6	70.4	0.000539	0.00028	0.00009	25	4.8
35.28603	452.97097	425.829917	70.4	0.000544	0.00029	0.00016	25	4.8
35.42401	450.330052	408.762751	70.4	0.000559	0.0003	0.0001	25	4.8
37.79939	447.600043	407.885714	70.3	0.000568	0.0003	0.00016	25	4.8
34.10972	444.870034	406.730937	70.2	0.000524	0.00028	0.00013	25	4.8
33.16769	442.140026	406.3	70.2	0.000514	0.00028	0.00011	25	4.8
38.02858	442.41019	418.603863	70.1	0.000577	0.00031	0.00018	25	4.8
40.43957	448.883166	404.7	70	0.000644	0.00033	0.00011	25	4.8
44.10717	455.356142	403.986008	69.9	0.000724	0.00036	0.0002	25	4.8
48.17365	461.829118	403.669847	70	0.000852	0.00041	0.00013	25	4.8
46.39281	468.302094	412.097297	70.1	0.000763	0.00038	0.00018	25	4.7
36.35816	465.497386	412.17058	70.2	0.000526	0.00029	0.0001	25	4.7
29.12208	457.586356	400.5	70.4	0.000429	0.00025	0.00007	25	4.7
29.50308	449.675327	400.5	70.4	0.00041	0.00024	0.00015	25	4.7
35.21073	441.764297	399.908621	70.2	0.000458	0.00026	0.00014	25	4.7
30.12987	438.088634	415.03394	69.9	0.000439	0.00025	0.00019	25	4.7
33.37095	445.090867	398.9	69.6	0.000474	0.00027	0.00013	25	4.8
47.6015	452.093099	398.9	69.4	0.000716	0.00036	0.00023	25	4.7
53.55545	459.095332	398.324645	69.2	0.000868	0.00042	0.00023	25	4.7
53.10012	466.097564	398.2	69.2	0.000878	0.00043	0.00018	25	4.7
45.25438	465.085672	423.859412	69.4	0.00069	0.00037	0.00017	25	4.7
28.92819	449.639375	398.2	69.6	0.000403	0.00025	0.00007	25	4.8
25.99158	434.193079	397.510588	69.9	0.000293	0.00023	0.00013	25	4.9
27.10268	418.746782	396.6	69.7	0.000225	0.00023	0.0001	25	4.9
36.16268	403.300485	396.705319	69.2	0.000324	0.00028	0.00018	25	4.9
39.44818	406.50243	396.767708	69.1	0.00049	0.00032	0.00018	25	4.8
42.16581	421.23128	396.6	67.8	0.00062	0.00034	0.00015	25	4.7
46.2907	435.96013	395.7	67.8	0.000709	0.00036	0.00013	25	4.6
46.33946	450.68898	396.041379	67.9	0.000741	0.00036	0.00012	25	4.6
44.40003	465.287459	422.361844	67.9	0.000723	0.00035	0.00017	25	4.6
37.85649	463.719784	395.7	67.9	0.000611	0.00031	0.00008	25	4.7

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129.807658	1	1.93865
163.816667	1	1.93914
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96.053841	1	1.94559
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208.699711	1	1.95077
202.71045	1	1.951
196.72119	1	1.95123
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184.742668	1	1.95183
195.812092	1	1.95217
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222.780339	1	1.95289
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35.60574	460.584434	395.7	68.4	0.000552	0.00028	0.00009	25	4.7
35.16347	459.016759	396.931044	68.5	0.000565	0.00028	0.00011	25	4.7
36.07041	459.869197	413.27893	68.5	0.000582	0.00029	0.00016	25	4.7
36.3893	463.353951	394.675239	68.4	0.000581	0.00029	0.00014	25	4.8
43.63977	466.838706	394.36124	68.4	0.000719	0.00034	0.00021	25	4.8
49.52266	470.32346	394.2	68.4	0.000818	0.00039	0.00014	25	4.8
48.40421	473.808214	406.797253	68.4	0.000822	0.0004	0.00022	25	4.7
41.80618	468.305527	404.953529	68.6	0.000633	0.00033	0.00013	25	4.7
27.33055	458.131557	394.2	68.8	0.000427	0.00025	0.0001	25	4.8
29.41787	447.957586	393.4	69	0.000381	0.00024	0.00015	25	4.8
28.38447	437.783616	393.4	68.9	0.000376	0.00023	0.00011	25	4.8
28.16	429.188425	409.379383	68.7	0.000373	0.00023	0.00019	25	4.8
32.06464	432.5083	392.7	68.4	0.000423	0.00025	0.00017	25	4.8
36.73674	435.828174	392.129909	68.1	0.000533	0.0003	0.00025	25	4.8
38.91612	439.148048	391.9	67.8	0.000612	0.00031	0.00016	25	4.7
39.12279	442.467923	399.861817	67.7	0.000646	0.00032	0.00015	25	4.7
37.9347	448.355093	399.733496	67.7	0.000633	0.00032	0.00016	25	4.7
39.11067	455.570713	391.9	67.8	0.000633	0.00032	0.00012	25	4.8
48.51023	462.786333	391.9	67.9	0.000795	0.00038	0.00016	25	4.8
51.48159	470.001952	391.9	68	0.000893	0.00043	0.00003	25	4.8
47.72192	477.217572	421.997746	68.1	0.000723	0.00039	0.00005	25	4.8
26.02338	449.357241	391.1	68.4	0.000259	0.00021	0.00001	25	4.9
20.06951	419.533841	391.1	68.7	0.000112	0.00016	0.00005	25	5.1
17.52922	389.710442	390.590506	68.4	0.00006	0.00014	0.00006	25	5.1
16.62276	359.887042	389.686975	67.5	0.000039	0.00013	0.00004	25	5.1
15.9159	337.294314	373.277621	66.6	0.000032	0.00013	0.00008	25	5.1
15.56578	324.810654	389.166105	65.7	0.000028	0.00013	0.00006	25	5.1
14.54912	312.326993	388.7	64.9	0.000024	0.00012	0.00009	25	5.1
14.15387	299.843333	388	64.1	0.000022	0.00012	0.00008	25	5.1
13.8052	287.359673	364.034851	63.3	0.000021	0.00012	0.00008	25	5.1
13.38954	287.131912	379.803105	62.5	0.000024	0.00014	0.00011	25	5.1
19.27008	289.46796	387.961954	61.7	0.000032	0.00016	0.0001	25	5.1
19.83988	291.804008	387.2	60.9	0.000054	0.00016	0.00013	25	5.1
21.15531	294.140056	387.2	60.2	0.000112	0.00019	0.00011	25	5.1
27.26243	300.982731	341.712483	59.7	0.000219	0.00023	0.00014	25	5
34.68517	331.310251	387.2	59.3	0.000345	0.00027	0.00012	25	5
37.93145	361.637771	387.2	58.9	0.000458	0.00028	0.00012	25	4.9
46.14274	391.965291	387.2	58.8	0.000733	0.00038	0.00017	25	4.9
58.01087	422.292812	389.391563	58.9	0.00105	0.00049	0.0002	25	4.9
54.80493	445.918145	404.144015	59.1	0.00103	0.00048	0.00031	25	4.9
44.67875	461.643952	389.197872	59.6	0.000831	0.00042	0.0001	25	4.9
42.81936	477.369758	388.7	60.4	0.000798	0.00038	0.00015	25	4.9
65.44217	493.095565	388.932353	61.1	0.001135	0.00052	0.00031	25	4.9
62.10802	508.821371	416.285157	61.5	0.001159	0.00054	0.00036	25	4.9
56.76205	502.949626	402.769506	62	0.000981	0.00048	0.00025	25	4.8
31.46812	489.763048	388	62.9	0.000473	0.00028	0.00008	25	4.9
29.29665	476.576469	387.2	63.8	0.000394	0.00025	0.00013	25	4.9
27.07559	463.389891	386.790323	64.1	0.000357	0.00022	0.00008	25	4.9
30.09151	450.997954	414.438514	64	0.000383	0.00024	0.00013	25	4.9
35.27642	449.497271	385.7	63.9	0.000466	0.00029	0.00014	25	4.9
35.565	447.996589	385.347059	63.5	0.000506	0.00029	0.00015	25	4.9
39.41043	446.495907	384.9	63.3	0.000555	0.0003	0.00014	25	4.9
28.70858	444.995225	391.5453	63.2	0.00048	0.00026	0.00007	25	4.9
29.2769	435.304213	394.338053	63.2	0.000435	0.00024	0.00009	25	4.9
21.30727	421.579157	383.4	63.2	0.000376	0.00022	0.00006	25	4.9
22.96282	407.854102	382.6	62.9	0.000335	0.0002	0.0001	25	4.9
19.46401	394.129047	382.6	62.7	0.000274	0.00018	0.00008	25	4.9
15.39154	382.194717	382.2	62.3	0.000185	0.00015	0.00007	25	5.1
13.527	379.661702	380.651613	61.7	0.000112	0.00013	0.00007	25	5.1
18.72315	377.128686	380.2	60.8	0.000074	0.00013	0.00004	25	5.2
21.80083	374.59567	380.2	59.9	0.000114	0.0002	0.00009	25	5.2
48.4937	372.062654	378.084863	58.9	0.00038	0.00036	0.00007	25	5

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62.4787	379.429671	377.931904	58.3	0.000924	0.0005	0.00023	25	4.8
60.80577	395.196162	380.2	58.1	0.001051	0.0005	0.00017	25	4.7
42.75526	410.962652	380.9	58.6	0.000711	0.00037	0.00011	25	4.8
24.08685	426.729143	381.496341	59.3	0.000374	0.00023	0.00008	25	4.8
23.06532	438.720639	409.512386	59.3	0.000275	0.00019	0.00004	25	4.9
19.89812	434.618739	380.9	59.5	0.00022	0.00016	0.00008	25	4.9
15.24313	430.516839	380.471642	59.5	0.0002	0.00016	0.00004	25	4.9
34.95019	426.41494	380.2	58.9	0.000279	0.00028	0.00013	25	5
51.9141	422.31304	384.177051	58	0.00065	0.00039	0.00014	25	4.8
58.17838	430.106728	389.598678	57.4	0.000944	0.00046	0.00021	25	4.8
46.62095	447.323087	382.41916	57.4	0.000839	0.00042	0.00016	25	4.8
35.71698	464.539446	383.4	58	0.000591	0.00031	0.00011	25	4.9
39.8717	481.755805	383.715302	58.7	0.000689	0.00034	0.00013	25	4.8
49.07338	498.78041	427.73587	59	0.000936	0.0004	0.00015	25	4.8
53.64156	496.821371	385.055181	59.3	0.001008	0.00042	0.00034	25	4.7
54.65055	494.862333	385.7	59.6	0.000983	0.00043	0.00021	25	4.7
41.98521	492.903295	385.7	60.2	0.000684	0.00033	0.00015	25	4.7
22.22529	490.944256	386.310448	60.7	0.000413	0.00023	0.00008	25	4.7
29.28878	490.810267	414.626376	61.2	0.000379	0.00024	0.00006	25	4.8
30.12678	492.374488	386.71717	61.1	0.000403	0.00024	0.00009	25	4.9
35.61289	493.938709	386.4	60.8	0.000515	0.00028	0.00008	25	4.8
45.95114	495.50293	386.4	60.6	0.000782	0.00038	0.0002	25	4.9
54.35249	497.067151	428.270654	60.4	0.000958	0.00044	0.00011	25	4.8
48.21107	496.32897	388.05006	60.5	0.000897	0.00042	0.00008	25	4.8
40.21361	495.541401	388.961711	60.9	0.000676	0.00034	0.00004	25	4.9
32.36188	494.753831	389.068077	61.3	0.000503	0.00028	0.00003	25	4.9
32.92958	493.966262	389.428775	61.7	0.000511	0.00027	0.00007	25	4.9
30.63332	490.437095	433.179632	61.7	0.000431	0.00023	0.00003	25	4.9
26.37871	479.892949	389.907234	61.5	0.000379	0.00021	0.00009	25	4.9
28.89783	469.348804	389.956842	61.3	0.000426	0.00024	0.00008	25	4.9
29.54649	458.804658	389.6	61	0.000418	0.00024	0.00011	25	4.9
23.8235	448.260512	394.870278	60.6	0.000355	0.0002	0.00009	25	4.8
26.51278	442.989279	401.079701	60.4	0.000377	0.00022	0.00008	25	4.8
30.40586	441.894796	390.949624	60	0.000434	0.00025	0.00013	25	4.8
32.37084	440.800313	391.249277	59.6	0.000492	0.00026	0.00008	25	4.8
30.0373	439.70583	391.9	59.3	0.000505	0.00026	0.00013	25	4.8
17.28497	440.307379	412.671151	59.2	0.000414	0.00023	0.00007	25	4.8
29.18371	460.151569	392.17972	59	0.000398	0.00025	0.0001	25	4.9
50.20334	479.995758	393.753734	58.6	0.000787	0.0004	0.00016	25	4.8
72.72083	499.839948	395.424934	58.2	0.001272	0.00056	0.00019	25	4.7
83.72417	519.684138	399.358738	58.1	0.001483	0.00067	0.00037	25	4.8
73.84387	533.573106	436.241928	58.6	0.001361	0.00066	0.00024	25	4.8
54.75577	540.471164	402.372901	59.5	0.000889	0.00044	0.00024	25	4.9
54.78263	547.369221	404.721592	60.5	0.000976	0.00044	0.00017	25	4.8
59.4475	554.267278	405.766667	61.4	0.001092	0.00048	0.00024	25	4.8
60.65181	561.165335	454.16805	62	0.001111	0.0005	0.00021	25	4.8
59.24885	557.271143	413.990513	62.6	0.00108	0.00049	0.00019	25	4.8
71.37216	551.891328	408.812941	63.2	0.001226	0.00056	0.0003	25	4.8
65.64907	546.511513	409.941677	63.9	0.001093	0.00052	0.00018	25	4.8
41.66237	541.131698	411.43804	64.5	0.000663	0.00038	0.00015	25	4.9
47.8475	537.32079	467.622239	65.2	0.000755	0.0004	0.0001	25	4.9
71.13095	538.703506	411.2	65.7	0.00102	0.00051	0.00023	25	4.9
49.33468	540.086222	412.915789	65.8	0.000871	0.00043	0.00018	25	4.8
54.65082	541.468938	413.35626	66.1	0.000878	0.00043	0.00014	25	4.8
59.0328	542.206861	476.528515	66.6	0.000987	0.00047	0.00016	25	4.8
54.53271	540.04676	414.6	67	0.00091	0.00044	0.0001	25	4.9
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51.78198	533.566455	417.977049	68.4	0.000919	0.00046	0.00019	25	4.9
50.61077	532.581182	449.092647	68.7	0.000851	0.00043	0.00014	25	4.9
55.6968	532.975055	417.618286	69	0.000939	0.00046	0.00012	25	4.9
53.53072	533.368928	417.9	69.4	0.000933	0.00046	0.00023	25	4.9
54.37046	533.762801	418.163291	69.6	0.000913	0.00045	0.00012	25	4.9

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542.856892	1	1.98804
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418.389278	1	1.98933
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58.87201	534.156674	452.138547	69.9	0.00099	0.00049	0.00021	25	4.9
62.20563	516.619511	422.33394	70.1	0.001011	0.0005	0.00012	25	4.9
56.70496	496.866153	420.5	70.3	0.000959	0.0005	0.00023	25	4.9
33.49152	477.112795	420.5	70.5	0.00046	0.00029	0.00011	25	5
23.21276	457.359436	421.216334	70.9	0.0002	0.00021	0.00008	25	5.2
19.80507	443.688718	428.780179	70.9	0.000098	0.00018	0.00009	25	5.3
18.32924	441.364129	420.054846	70.1	0.000056	0.00018	0.00005	25	5.3
23.14839	439.039539	419.155199	69.1	0.00008	0.00023	0.00012	25	5.3
38.246	436.71495	419.348175	68.1	0.000248	0.00032	0.00011	25	5.2
52.727	434.39036	421.27545	67.3	0.000652	0.00043	0.00022	25	5
55.25179	446.926383	422.840488	66.9	0.000893	0.00047	0.00017	25	5
56.27494	467.117872	420.5	66.9	0.000894	0.00047	0.00016	25	5.1
41.75605	487.309362	421.427626	67.1	0.00074	0.00039	0.00012	25	5.1
65.81738	507.500851	422.1	67.4	0.001065	0.00055	0.00016	25	5.1
76.80767	527.69234	460.47337	67.7	0.001296	0.00065	0.00032	25	5.1
83.26834	535.603594	422.1	67.7	0.001376	0.00071	0.00017	25	5.1
85.98635	543.003171	422.1	68.2	0.001387	0.00073	0.00026	25	5.1
86.70021	550.402748	422.1	68.9	0.001395	0.00074	0.00021	25	5.1
87.51269	557.802326	440.48881	69.6	0.001392	0.00074	0.00029	25	5.1
85.24901	555.496905	442.604177	70.3	0.001265	0.00068	0.00033	25	5
58.56787	549.091366	421.3	71	0.00087	0.00051	0.00017	25	5.1
32.19676	542.685826	420.5	71.5	0.000527	0.00035	0.00016	25	5.1
46.82886	536.280286	419.985175	72	0.000762	0.00044	0.00012	25	5.1
86.3455	530.585432	468.995119	71.8	0.001348	0.0007	0.00038	25	5
93.37245	532.846793	418.7	71.5	0.001571	0.00084	0.00036	25	5.1
77.50608	535.108154	418.7	71.3	0.001205	0.00067	0.00021	25	5.1
57.65197	537.369515	418.7	71.9	0.000853	0.00048	0.0001	25	5.1
52.24149	539.630876	422.26125	72.5	0.000824	0.00046	0.00003	25	5.1
64.60895	539.356834	453.613911	72.8	0.00102	0.00053	0.00016	25	5.1
62.7226	536.368913	417.9	72.8	0.001025	0.00053	0.0001	25	5.1
53.64579	533.380992	418.660105	72.8	0.000892	0.00049	0.00023	25	5.1
44.58667	530.393071	418.7	73	0.00068	0.00039	0.00011	25	5.1
45.86953	527.405149	442.91727	73.1	0.00075	0.00041	0.00014	25	5.1
50.07079	528.224394	424.161027	73.1	0.001011	0.00051	0.00018	25	5
83.37881	530.219674	418.7	73.1	0.001301	0.00064	0.00019	25	4.9
77.36748	532.214954	418.97726	73.1	0.001276	0.00064	0.00027	25	4.9
64.78918	534.210234	419.5	73.3	0.001055	0.00057	0.00014	25	4.9
42.77285	534.187468	472.712859	73.4	0.000538	0.00033	0.00013	25	4.9
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28.41558	481.39526	419.5	74.2	0.000303	0.00025	0.00012	25	5
36.39935	463.797857	420.549653	73.7	0.000375	0.00028	0.0001	25	5
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37.56986	462.661334	419.5	72.6	0.000525	0.00031	0.00009	25	4.9
38.59274	468.029733	419.5	72.3	0.00058	0.00033	0.00015	25	5
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40.36479	480.442838	421.020499	71.7	0.000638	0.00034	0.00012	25	4.9
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41.40776	482.807549	421.3	71.6	0.000678	0.00035	0.00015	25	4.9
39.94949	483.989905	421.3	71.6	0.000648	0.00034	0.00007	25	4.9
38.75395	483.615593	439.49252	71.6	0.000612	0.00033	0.00013	25	4.9
37.40713	481.581695	421.3	71.6	0.000589	0.00031	0.00008	25	4.8
37.16125	479.547797	421.3	71.6	0.000582	0.0003	0.00011	25	4.8
37.9169	477.513898	421.47277	71.6	0.000594	0.00031	0.00013	25	4.8
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38.11803	476.430468	427.993059	71.6	0.000608	0.00031	0.00014	25	4.8
40.39155	478.302809	422.1	71.5	0.000651	0.00033	0.00005	25	4.8
42.85424	480.175149	422.441502	71.3	0.000714	0.00035	0.00015	25	4.8
43.84223	482.047489	422.9	71.3	0.000729	0.00036	0.00009	25	4.8
44.0657	483.727352	449.273013	71.2	0.000673	0.00034	0.0001	25	4.8
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39.16324	481.457105	422.9	71.2	0.000565	0.00032	0.00005	25	4.8

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14:06:02.517		74.9	1843
14:06:03.517		77.5	1841
14:06:04.517		79	1842
14:06:05.517		80.1	1843
14:06:06.517		75.7	1845
14:06:07.517	192.2	72.5	1847
14:06:08.517	192.2	72.8	1845
14:06:09.517	192.2	73.4	1842
14:06:10.517	192.2	74.1	1846
14:06:11.517	192.2	74	1844
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14:06:21.517	192.2	77.7	1849
14:06:22.517	192.2	77.9	1846
14:06:23.517	192.2	78.8	1847
14:06:24.517	192.2	79.5	1845
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43.11304	480.321982	422.117534	71.2	0.000652	0.00034	0.00015	25	4.8
43.01454	479.186859	424.575173	71	0.00068	0.00034	0.00004	25	4.8
42.05257	478.685886	438.668379	71	0.000677	0.00034	0.00012	25	4.8
42.2762	478.863703	422.369176	71.1	0.000669	0.00034	0.00007	25	4.8
41.02573	479.04152	422.1	71.1	0.000668	0.00034	0.00008	25	4.8
40.4338	479.219338	422.9	71.1	0.000651	0.00033	0.0001	25	4.8
39.94481	479.397155	443.913037	71.2	0.000633	0.00033	0.00011	25	4.8
39.65104	479.94434	422.153617	71.3	0.000626	0.00032	0.00013	25	4.8
39.76299	480.497532	422.770356	71.3	0.00064	0.00032	0.00009	25	4.8
40.9883	481.050723	421.671765	71.3	0.000664	0.00033	0.00015	25	4.8
42.39103	481.603915	421.952205	71.2	0.000689	0.00034	0.00011	25	4.8
45.04	482.05325	447.176247	71.2	0.000731	0.00036	0.00018	25	4.8
45.83425	482.24075	421.758491	71.1	0.00077	0.00038	0.00016	25	4.8
43.06052	482.42825	421.3	71.2	0.000696	0.00036	0.00008	25	4.8
42.15888	482.61575	421.3	71.2	0.000659	0.00034	0.00012	25	4.8
40.99754	482.80325	423.080753	71.3	0.000654	0.00033	0.00006	25	4.8
41.12376	481.61115	438.375427	71.3	0.000663	0.00034	0.00013	25	4.8
40.86252	478.948236	420.5	71.3	0.000652	0.00033	0.00006	25	4.8
37.921	476.285321	419.531621	71.3	0.000601	0.00031	0.00007	25	4.8
36.90209	473.622407	420.181107	71.5	0.000568	0.0003	0.00008	25	4.8
36.90091	470.959493	434.710837	71.5	0.000577	0.0003	0.00004	25	4.8
38.10578	471.698584	422.015793	71.5	0.000584	0.00031	0.0001	25	4.8
38.20463	472.968624	418.7	71.5	0.000588	0.00031	0.00004	25	4.8
38.57979	474.238663	418.456161	71.5	0.000603	0.00031	0.00014	25	4.8
41.4776	475.508703	417.9	71.5	0.00067	0.00034	0.00006	25	4.8
45.73628	476.959553	443.72114	71.5	0.000781	0.00037	0.00013	25	4.8
50.50838	481.1459	417.780342	71.3	0.00086	0.00041	0.00013	25	4.8
53.30053	485.332246	417.340353	71.1	0.000896	0.00043	0.00012	25	4.8
52.73079	489.518592	417.317476	71.1	0.000897	0.00044	0.00012	25	4.8
52.45192	493.704938	417.866627	71.1	0.000873	0.00044	0	25	4.8
49.52479	495.955099	443.952368	71.1	0.000788	0.00041	0.00003	25	4.8
48.01033	495.348907	417.1	71.2	0.000752	0.00039	0.00001	25	4.8
46.80651	494.742715	416.542986	71.3	0.000735	0.00038	0.00003	25	4.8
44.58924	494.136523	416.3	71.5	0.000709	0.00036	0.00009	25	4.8
43.97567	493.530331	434.965199	71.5	0.000693	0.00035	0.00005	25	4.8
44.11463	491.454565	422.450197	71.5	0.000705	0.00036	0.00013	25	4.8
42.84668	488.976304	415.4	71.5	0.000684	0.00035	0.00007	25	4.8
40.729	486.498043	415.4	71.5	0.000653	0.00034	0.00014	25	4.8
39.76986	484.019783	414.84352	71.6	0.000632	0.00033	0.00008	25	4.8
39.04201	482	447.191447	71.6	0.00062	0.00032	0.00009	25	4.8
39.2294	482	414.345803	71.5	0.00062	0.00032	0.00009	25	4.8
38.85066	482	413.8	71.5	0.000627	0.00032	0.00009	25	4.8
40.2893	482	413.8	71.5	0.000639	0.00033	0.00013	25	4.8
42.16189	482	416.046825	71.5	0.000692	0.00035	0.00007	25	4.8
44.1726	482.330724	428.383553	71.3	0.000728	0.00036	0.00014	25	4.8
44.80478	482.896064	413	71.3	0.00074	0.00037	0.00007	25	4.8
44.76524	483.461405	412.908419	71.2	0.000726	0.00037	0.00012	25	4.8
43.49692	484.026745	412.458333	71.3	0.000697	0.00036	0.00009	25	4.8
43.7163	484.592085	439.720139	71.3	0.000685	0.00035	0.00007	25	4.8
43.01899	485.003663	412	71.3	0.000675	0.00035	0.00011	25	4.9
43.6588	485.413058	412	71.3	0.000706	0.00036	0.00007	25	4.9
44.46334	485.822452	412	71.3	0.000736	0.00037	0.0002	25	4.9
44.70595	486.231847	412	71.3	0.000725	0.00037	0.00009	25	4.8
43.51584	486.567208	440.537927	71.3	0.000706	0.00036	0.00017	25	4.8
42.77664	486.762013	411.579172	71.3	0.000692	0.00035	0.00013	25	4.8
42.95943	486.956818	411.879842	71.3	0.000689	0.00035	0.00015	25	4.8
43.5081	487.151623	411.2	71.3	0.000719	0.00036	0.00017	25	4.8
44.01521	487.346429	422.871905	71.3	0.000724	0.00036	0.00012	25	4.8
44.6009	487.255928	417.615657	71.3	0.000722	0.00036	0.00018	25	4.8
43.29	487.057209	411.2	71.3	0.000707	0.00036	0.00011	25	4.8
43.99	486.85849	411.2	71.3	0.000709	0.00036	0.00015	25	4.8
43.30253	486.65977	411.2	71.3	0.000703	0.00035	0.00016	25	4.8
42.90809	486.5	447.979003	71.3	0.000674	0.00035	0.00016	25	4.8

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136.236495	1	2.02406
133.259039	1	2.02439
130.281582	1	2.02473
127.304126	1	2.02509
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134.789912	1	2.02583
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151.671947	1	2.02684
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129.131261	1	2.02778
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111.817631	1	2.0287
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109.72864	1	2.02935
108.684145	1	2.02972
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136.862661	1	2.03056
158.321888	1	2.031
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202.898356	1	2.03262
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183.383076	1	2.03404
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163.370024	1	2.03471
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145.074147	1	2.03535
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40.97127	486.5	411.750943	71.5	0.000648	0.00033	0.00018	25	4.8
40.62477	486.5	411.2	71.5	0.000647	0.00033	0.00011	25	4.8
42.06443	486.5	411.2	71.3	0.000691	0.00035	0.00019	25	4.8
44.07401	486.5	411.2	71.3	0.000731	0.00036	0.00012	25	4.8
43.2224	485.375389	432.942857	71.3	0.000708	0.00036	0.00014	25	4.8
39.60246	483.061375	411.2	71.3	0.000627	0.00033	0.00013	25	4.8
37.58348	480.747362	411.2	71.5	0.000598	0.00031	0.0001	25	4.8
38.01585	478.433348	411.457383	71.5	0.00059	0.00031	0.00015	25	4.8
37.19061	476.119334	430.822115	71.6	0.000588	0.0003	0.00008	25	4.7
37.2619	474.064189	414.235217	71.6	0.000583	0.0003	0.00016	25	4.7
37.21163	472.050488	411.2	71.6	0.000579	0.0003	0.0001	25	4.7
37.38541	470.036786	411.2	71.6	0.000585	0.0003	0.00015	25	4.7
38.03952	468.023085	411.627863	71.6	0.000596	0.00031	0.00013	25	4.7
39.35028	466.145414	434.430417	71.5	0.00063	0.00032	0.00014	25	4.7
41.17701	467.154609	411.2	71.3	0.000652	0.00032	0.00017	25	4.7
40.2543	468.163804	411.512941	71.3	0.000651	0.00033	0.00013	25	4.8
39.3376	469.172998	411.322543	71.3	0.000635	0.00033	0.00019	25	4.8
39.86	470.182193	417.286704	71.3	0.000629	0.00032	0.00009	25	4.8
40.32682	471.706609	424.682292	71.3	0.000652	0.00033	0.00015	25	4.8
42.27042	473.595021	411.817412	71.3	0.000686	0.00034	0.00014	25	4.7
43.33236	475.483433	411.251111	71.3	0.000717	0.00035	0.00013	25	4.7
44.80614	477.371845	411.71957	71.2	0.00074	0.00037	0.00016	25	4.8
44.79308	479.260258	432.634286	71.3	0.000734	0.00037	0.0001	25	4.8
45.19178	481.268991	411.79559	71.2	0.000735	0.00037	0.00017	25	4.8
46.14854	483.287339	411.2	71.2	0.000744	0.00038	0.0001	25	4.8
46.37811	485.305688	411.880158	71.2	0.000752	0.00038	0.00019	25	4.8
46.84903	487.324037	419.149113	71.3	0.000759	0.00038	0.00013	24.5	4.8
45.63987	488.610145	429.613123	71.2	0.000755	0.00038	0.00011	24.5	4.8
45.73439	489.334783	412	71.3	0.000739	0.00038	0.00016	25	4.8
46.61824	490.05942	411.256031	71.3	0.000752	0.00038	0.0001	25	4.8
48.12818	490.784058	411.2	71.3	0.000798	0.0004	0.00019	25	4.8
48.21955	491.508696	428.024074	71.3	0.000786	0.0004	0.00009	25	4.9
48.27079	490.991357	418.007864	71.3	0.000789	0.0004	0.00009	25	4.9
47.30057	490.028527	411.2	71.3	0.000776	0.0004	0.00004	25	4.9
45.94119	489.065696	411.2	71.3	0.000709	0.00038	0.00003	25	4.9
42.52156	488.102866	411.2	71.5	0.00067	0.00036	0.00005	25	4.9
43.40718	487.289177	443.424701	71.6	0.000688	0.00036	0.00007	25	4.9
46.3885	486.878721	410.4	71.5	0.00076	0.00038	0.00018	24.5	4.9
46.98776	486.468265	409.816248	71.3	0.000774	0.00039	0.00013	24	4.9
44.37246	486.057809	410.4	71.3	0.000707	0.00037	0.0002	24	4.9
42.03942	485.647354	421.04774	71.5	0.00065	0.00034	0.00015	24	4.8
42.63284	485.982156	420.64709	71.5	0.000672	0.00034	0.00014	24	4.8
47.46434	486.73435	408.941224	71.5	0.000761	0.00037	0.00019	24	4.8
49.17873	487.486544	409.6	71.3	0.000822	0.0004	0.00016	24	4.7
47.39465	488.238738	409.6	71.3	0.000752	0.00038	0.00022	24	4.7
44.98055	488.990932	432.589945	71.3	0.000705	0.00036	0.00015	24	4.7
44.17763	490.394902	408.814624	71.5	0.000703	0.00035	0.00017	24	4.7
43.84078	491.909407	409.496119	71.5	0.00071	0.00035	0.00012	24.5	4.7
46.17586	493.423912	409.250811	71.5	0.000744	0.00036	0.00011	24.5	4.7
47.19537	494.938417	409.6	71.3	0.000772	0.00037	0.00017	24	4.7
48.4799	495.819566	452.517298	71.3	0.000808	0.00039	0.00014	24	4.7
46.84024	493.541516	409.6	71.2	0.000755	0.00038	0.00017	24	4.7
43.16431	491.263466	409.126042	71.3	0.000675	0.00035	0.00006	24	4.7
39.90812	488.985416	409.6	71.5	0.00063	0.00032	0.00013	24	4.7
39.98162	486.707366	412.346382	71.6	0.000627	0.00032	0.00009	24	4.7
40.68959	484.399175	431.086397	71.6	0.000653	0.00032	0.00012	24	4.7
40.76033	482.056993	409.021176	71.6	0.000652	0.00032	0.00012	24	4.7
39.40404	479.714812	408.8	71.5	0.000632	0.00032	0.0001	24	4.7
38.17495	477.37263	408.8	71.6	0.000606	0.00031	0.00012	24	4.7
37.96875	475.030448	433.810274	71.6	0.000584	0.0003	0.00007	24	4.7
37.33829	471.868971	409.560085	71.6	0.000575	0.00029	0.00013	24	4.7
36.8006	468.696702	408.8	71.6	0.000557	0.00029	0.00009	24	4.7
35.82409	465.524433	409.23277	71.6	0.000542	0.00028	0.00011	24	4.7

154.934866	1	2.0435
150.464879	1	2.04383
145.994891	1	2.04418
141.524904	1	2.04454
137.054917	1	2.0449
132.530277	1	2.04523
127.988754	1	2.04554
123.447232	1	2.04585
118.905709	1	2.04615
114.6235	1	2.04645
111.934216	1	2.04675
109.244932	1	2.04705
106.555647	1	2.04736
103.866363	1	2.04768
102.688259	1	2.048
104.937472	1	2.04833
107.186685	1	2.04866
109.435897	1	2.04898
111.68511	1	2.04931
117.201613	1	2.04965
123.25	1	2.05
129.298387	1	2.05037
135.346774	1	2.05074
141.698615	1	2.05111
148.5133	1	2.05149
155.327984	1	2.05187
162.142669	1	2.05225
168.957353	1	2.05263
171.779038	1	2.05301
173.879437	1	2.05339
175.979836	1	2.05379
178.080235	1	2.05419
180.057861	1	2.05459
180.730657	1	2.05499
181.403454	1	2.05537
182.07625	1	2.05573
182.749047	1	2.05609
181.778571	1	2.05647
179.830519	1	2.05686
177.882468	1	2.05723
175.934416	1	2.05757
174.014614	1	2.05791
176.102296	1	2.05828
178.189979	1	2.05868
180.277662	1	2.05906
182.365344	1	2.05942
183.367083	1	2.05977
180.450417	1	2.06012
177.53375	1	2.06048
174.617083	1	2.06085
171.700417	1	2.06124
168.187744	1	2.06162
163.841808	1	2.06197
159.495871	1	2.06229
155.149935	1	2.06261
150.803998	1	2.06293
144.814612	1	2.06325
138.452172	1	2.06357
132.089732	1	2.06388
125.727293	1	2.06418
119.679795	1	2.06447
114.542808	1	2.06476
109.405822	1	2.06504

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14:07:59.517	192.2	72.9	1846
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14:08:02.517	192.2	75.8	1844
14:08:03.517	192.2	80.6	1840
14:08:04.517	192.2	81.1	1840
14:08:05.517	192.2	79.1	1839
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14:08:08.517	192.2	74.7	1843
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14:08:12.517	192.2	79.8	1845
14:08:13.517	192.2	78.9	1843
14:08:14.517	192.2	78	1841
14:08:15.517	192.2	77.8	1845
14:08:16.517	192.2	78.6	1843
14:08:17.517	192.2	79.2	1843
14:08:18.517		80.2	1844
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14:08:20.517		80.2	1840
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14:08:24.517		73.8	1846
14:08:25.517		77.8	1846
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14:08:27.517	191.6	80.5	1846
14:08:28.517	191.5	80	1842
14:08:29.517	191.4	78	1844
14:08:30.517	191.4	78.3	1843
14:08:31.517	191.3	80.4	1841
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14:08:33.517	191.2	78.6	1843
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14:08:36.517	191	79	1846
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14:08:39.517	190.8	79.1	1846
14:08:40.517	190.7	77.7	1844
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14:08:42.517	190.6	77.4	1848
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14:08:44.517	190.5	80	1847
14:08:45.517	190.4	77.7	1846
14:08:46.517		77.3	1843
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14:08:48.517		77.2	1842
14:08:49.517		84.1	1840
14:08:50.517		80.7	1840
14:08:51.517		78.7	1841
14:08:52.517		78.2	1841
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14:08:55.517	191.7	78.9	1842
14:08:56.517	191.8	79.5	1842
14:08:57.517	191.9	79.6	1842

37.33672	462.352164	409.050531	71.6	0.000562	0.0003	0.00015	24	4.7
37.88038	459.9	432.370451	71.6	0.000586	0.0003	0.0001	24	4.7
38.00479	459.9	409.244653	71.5	0.0006	0.00031	0.00016	24	4.7
38.08651	459.9	408.8	71.5	0.000586	0.0003	0.00007	24	4.7
36.82539	459.9	408.8	71.5	0.000583	0.0003	0.00012	24	4.7
38.30533	459.9	418.132421	71.5	0.000605	0.00031	0.00008	24	4.7
38.13992	461.896032	416.665786	71.3	0.000608	0.00031	0.00011	24	4.7
37.66078	464.84438	409.6	71.3	0.0006	0.00031	0.00012	24	4.7
41.08272	467.792729	409.6	71.3	0.00065	0.00032	0.00009	24	4.7
43.78262	470.741077	410.125594	71.3	0.00071	0.00035	0.00013	24	4.8
45.95064	473.168199	441.078756	71.2	0.000768	0.00038	0.00004	24	4.8
46.52946	472.976628	410.198935	71.2	0.00076	0.00038	0.00013	24	4.7
44.26173	472.785057	409.6	71.1	0.000698	0.00036	0.00007	24	4.7
42.04235	472.593487	409.6	71.2	0.000641	0.00033	0.00012	24	4.7
39.07895	472.401916	411.9326	71.3	0.000605	0.00031	0.00009	24	4.7
38.52128	472.673973	427.569669	71.5	0.00061	0.00031	0.00007	24	4.7
39.4927	473.473059	409.87548	71.5	0.000642	0.00032	0.00016	24	4.7
41.30746	474.272146	410.373714	71.5	0.00067	0.00033	0.0001	24	4.7
42.46216	475.071233	410.039422	71.3	0.000694	0.00034	0.00016	24	4.7
42.51505	475.849818	439.910852	71.3	0.000694	0.00034	0.00009	24	4.7
42.47874	476.415932	409.6	71.5	0.000675	0.00034	0.00009	24	4.7
42.30545	476.982046	409.6	71.3	0.000674	0.00034	0.00009	24	4.7
42.78842	477.54816	409.6	71.3	0.000683	0.00034	0.00006	24	4.7
43.8237	478.114274	409.048511	71.3	0.000701	0.00035	0.00015	24	4.7
43.24455	478.945602	442.98933	71.3	0.000708	0.00035	0.00006	24	4.7
45.7689	481.379419	409.343333	71.3	0.00074	0.00036	0.00014	24	4.7
46.30605	483.813237	408.8	71.3	0.000754	0.00037	0.00005	24	4.7
46.53174	486.247054	408.139429	71.2	0.000751	0.00036	0.00009	24	4.7
49.31832	488.680871	409.572603	71.2	0.000817	0.0004	0.00009	24	4.7
45.95795	489.277859	431.292754	71.2	0.000742	0.00037	0.00007	24	4.7
41.68391	487.701133	408.523011	71.3	0.00064	0.00033	0.0001	24	4.7
40.74857	486.124406	407.2	71.5	0.000644	0.00032	0.00007	24	4.6
40.87869	484.547679	407.54506	71.5	0.000656	0.00032	0.00017	24	4.6
41.92102	482.970953	435.087123	71.5	0.000676	0.00033	0.0001	24	4.7
42.27702	483.084521	407.2	71.5	0.000685	0.00033	0.00014	24	4.6
42.01652	483.277737	407.2	71.5	0.000674	0.00033	0.00006	24	4.6
43.16356	483.470953	406.67994	71.3	0.000699	0.00034	0.00002	24	4.6
44.43276	483.664169	406.3	71.3	0.000724	0.00035	0.00003	24	4.6
45.94539	483.978279	438.608442	71.3	0.000737	0.00035	0.00002	24	4.6
45.06785	484.578546	406.3	71.3	0.000727	0.00035	0.00012	24	4.6
44.86107	485.178813	406.3	71.3	0.000717	0.00035	0.00008	24	4.6
45.25623	485.77908	406.3	71.3	0.000711	0.00034	0.00015	24	4.6
44.57563	486.379346	422.337795	71.3	0.000721	0.00035	0.00012	24	4.6
44.66779	486.186213	413.611803	71.3	0.000726	0.00035	0.0001	24	4.6
46.36426	485.793489	406.3	71.3	0.000743	0.00036	0.00018	24	4.6
45.71484	485.400765	406.158149	71.3	0.000738	0.00035	0.00008	24	4.5
43.22523	485.008041	405.5	71.3	0.000703	0.00034	0.00015	24	4.5
42.18367	484.615316	434.569309	71.5	0.000667	0.00032	0.00008	24	4.5
42.46714	484.069061	406.3	71.5	0.000677	0.00032	0.00011	24	4.5
43.75319	483.516575	406.3	71.5	0.000708	0.00033	0.00009	24	4.5
43.23234	482.964088	406.3	71.5	0.0007	0.00033	0.00009	24.4	4.5
41.56717	482.411602	406.3	71.5	0.000672	0.00033	0.00015	24.6	4.5
41.76893	482.364538	439.100564	71.5	0.000656	0.00032	0.00008	24	4.6
40.8467	483.794097	406.196301	71.5	0.000648	0.00032	0.00016	24	4.6
43.50944	485.223657	406.435672	71.5	0.000685	0.00033	0.00008	24	4.6
46.33186	486.653217	405.710374	71.5	0.000766	0.00036	0.00012	24	4.6
48.08407	488.082776	431.544929	71.3	0.00079	0.00038	0.00012	24.5	4.6
46.62417	488.387773	407.352699	71.2	0.000768	0.00038	0.00013	25	4.6
46.75668	488.592318	407.2	71.2	0.000747	0.00037	0.00015	25	4.6
45.12613	488.796864	407.2	71.3	0.000725	0.00036	0.00009	25	4.6
44.83905	489.001409	407.2	71.3	0.000708	0.00035	0.00013	24.5	4.6
44.95529	489.876071	426.088106	71.3	0.000723	0.00035	0.00008	24	4.6
45.44053	491.374277	406.942993	71.3	0.000742	0.00036	0.00014	24.5	4.6

104.268836	1	2.06534
99.131849	1	2.06564
97.255626	1	2.06595
97.692593	1	2.06625
98.129561	1	2.06655
98.566528	1	2.06686
99.031531	1	2.06717
102.972849	1	2.06748
106.914167	1	2.0678
110.855485	1	2.06815
114.796803	1	2.06853
119.766385	1	2.06891
126.039368	1	2.06927
132.312351	1	2.0696
138.585334	1	2.06991
144.858317	1	2.07022
140.866876	1	2.07054
134.591663	1	2.07087
128.31645	1	2.07121
122.041237	1	2.07155
119.24835	1	2.07189
122.75495	1	2.07223
126.261551	1	2.07257
129.768152	1	2.07292
133.274752	1	2.07327
138.582051	1	2.07363
145.633333	1	2.074
152.684615	1	2.07436
159.735897	1	2.07476
166.787179	1	2.07513
163.152645	1	2.07546
157.298352	1	2.07578
151.444059	1	2.0761
145.589766	1	2.07643
141	1	2.07676
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141	1	2.07813
143.732889	1	2.07848
148.621778	1	2.07883
153.510667	1	2.07917
158.399556	1	2.07952
163.024947	1	2.07987
163.44778	1	2.08023
163.870613	1	2.08058
164.293446	1	2.08092
164.716279	1	2.08124
163.839386	1	2.08156
160.311683	1	2.08189
156.78398	1	2.08222
153.256277	1	2.08255
149.728574	1	2.08287
148.472222	1	2.08319
149.398148	1	2.08352
150.324074	1	2.08388
151.25	1	2.08426
153.457801	1	2.08464
161.130435	1	2.08501
168.803069	1	2.08537
176.475703	1	2.08572
184.148338	1	2.08607
182.240273	1	2.08643

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14:09:01.517	192.5	80.1	1835
14:09:02.517	192.6	82.9	1842
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14:09:04.517	192.9	80	1840
14:09:05.517	193	78	1845
14:09:06.517	193.1	78.8	1847
14:09:07.517	193.3	78.6	1847
14:09:08.517	193.4	76.5	1846
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14:09:12.517	193.9	87.6	1840
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14:09:15.517		82.4	1843
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14:09:17.517		78.8	1852
14:09:18.517		69.1	1850
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14:09:21.517	192.9	61.8	1853
14:09:22.517	192.8	55	1849
14:09:23.517	192.7	58.6	1848
14:09:24.517	192.5	52.5	1847
14:09:25.517	192.4	50.2	1845
14:09:26.517	192.3	50.2	1844
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14:09:33.517	191.4	76.9	1836
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14:09:36.517	191	81	1837
14:09:37.517	190.8	78.7	1840
14:09:38.517	190.7	77.2	1843
14:09:39.517	190.6	76.5	1847
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14:09:41.517		80.2	1845
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14:09:49.517	191.5	76.5	1845
14:09:50.517	191.6	76.8	1843
14:09:51.517	191.8	76.7	1844
14:09:52.517	191.9	77.5	1843
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14:09:55.517	192.3	74.7	1847
14:09:56.517	192.4	75	1845
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14:09:58.517	192.7	75.9	1843
14:09:59.517	192.8	77.7	1843
14:10:00.517	192.9	78	1843

47.11097	492.872484	407.957403	71.3	0.00075	0.00036	0.00012	24.6	4.6
48.31867	494.37069	407.2	71.3	0.000797	0.00037	0.00012	24.5	4.6
48.90969	495.868896	428.307371	71.2	0.000815	0.00038	0.00015	24.5	4.6
48.54217	497.389441	415.578187	71.2	0.000808	0.00038	0.0001	24	4.6
50.91633	498.916323	407.217708	71.2	0.000828	0.00039	0.0002	24	4.6
51.14514	500.443204	408	71.2	0.000849	0.0004	0.00013	24	4.6
51.5871	501.970086	408	71.2	0.000857	0.0004	0.00022	24	4.6
52.02214	503.108709	453.042175	71.2	0.000855	0.00041	0.00014	24	4.6
49.98634	501.625835	408.8	71.2	0.000801	0.00039	0.00018	24	4.6
48.94809	500.142962	408.8	71.3	0.000791	0.00039	0.00017	24	4.6
47.29291	498.660088	408.8	71.3	0.000751	0.00037	0.00012	24	4.6
45.3255	497.177214	408.8	71.5	0.000703	0.00035	0.00018	24	4.6
44.06563	497.775601	442.641191	71.5	0.000705	0.00034	0.00007	24	4.6
46.05202	502.396132	408.434742	71.5	0.000729	0.00035	0.00018	24	4.6
50.67325	507.016663	409.112953	71.5	0.000816	0.00038	0.00012	24	4.6
57.4787	511.637194	408.8	71.3	0.001023	0.00046	0.00019	24	4.5
61.84097	516.257725	417.851043	71.2	0.001069	0.00049	0.00018	24	4.6
62.21828	516.301194	432.106167	71.1	0.001043	0.00048	0.00007	24	4.6
56.62823	512.719104	409.6	71.1	0.000961	0.00044	0.00021	24	4.6
52.33461	509.137015	409.6	71.2	0.000872	0.00042	0.00013	24	4.6
44.03771	505.554925	409.336504	71.5	0.000666	0.00034	0.00018	24	4.6
39.39434	501.972836	436.798626	71.7	0.000588	0.00031	0.0001	24	4.6
35.48963	490.671372	409.6	71.8	0.000504	0.00027	0.00012	24	4.6
31.41315	478.195995	409.6	71.8	0.000445	0.00025	0.00013	24	4.6
28.58213	465.720617	409.136215	71.8	0.000407	0.00024	0.00012	24	4.7
29.95668	453.24524	409.411715	71.8	0.000394	0.00024	0.00017	24	4.7
27.67783	442.256557	423.385329	71.7	0.000369	0.00023	0.00013	24	4.7
28.04615	434.753405	408.447442	71.6	0.000345	0.00023	0.00018	24	4.7
28.16916	427.250252	408.531626	71.6	0.000333	0.00023	0.00013	24	4.7
29.1886	419.7471	408.03225	71.5	0.000338	0.00023	0.00013	24	4.7
29.23708	412.243947	408.059341	71.5	0.000348	0.00023	0.00016	24	4.7
30.4234	411.575586	408.176471	71.3	0.000372	0.00024	0.00012	24	4.7
34.32166	416.706059	408	71.3	0.000415	0.00025	0.00016	24	4.7
34.26688	421.836533	408	71.3	0.000461	0.00026	0.00013	24	4.7
37.43639	426.967006	407.634431	71.2	0.000556	0.0003	0.00021	24	4.6
39.79525	432.157014	417.151033	71.2	0.000614	0.00031	0.00016	24	4.6
41.02873	440.420919	408.178613	71.1	0.000656	0.00032	0.00019	24	4.6
43.93074	448.684823	408.443627	71.1	0.00071	0.00034	0.00016	24	4.6
45.89216	456.948728	408.681001	71.1	0.000761	0.00036	0.00008	24	4.6
47.7442	465.212632	415.235203	71.1	0.000793	0.00038	0.00011	24	4.6
47.97	469.635232	422.410091	71.1	0.000772	0.00038	0.00002	24	4.6
45.73166	471.253282	408.8	71.1	0.000725	0.00036	0.00009	24	4.6
43.00398	472.871331	408.912627	71.3	0.00067	0.00034	0.00007	24	4.6
42.8607	474.48938	409.6	71.5	0.000671	0.00033	0.00013	24	4.6
42.49124	475.449623	441.482927	71.5	0.000681	0.00033	0.00017	24	4.6
41.08242	473.605532	408.593991	71.5	0.000647	0.00032	0.00012	24	4.6
39.17124	471.761442	408.35762	71.5	0.00062	0.00031	0.00018	24	4.6
38.13863	469.917351	408.149277	71.6	0.000597	0.0003	0.00008	24	4.6
38.26917	468.073261	407.567909	71.6	0.000596	0.0003	0.00017	24	4.6
38.37182	466.921609	426.234904	71.6	0.000612	0.0003	0.00012	24	4.6
39.1212	466.73407	407.2	71.6	0.000621	0.0003	0.00015	24	4.6
39.16	466.546531	406.477662	71.5	0.000621	0.00031	0.00015	24	4.6
39.17805	466.358991	406.3	71.5	0.000627	0.00031	0.00014	24	4.6
38.86927	466.171452	411.653869	71.5	0.000628	0.00031	0.00014	24	4.6
38.90525	466.1	417.89961	71.5	0.000632	0.00031	0.0001	24	4.6
39.71888	466.1	405.5	71.5	0.000637	0.00031	0.00018	24	4.6
39.59824	466.1	404.484375	71.3	0.000636	0.00032	0.00011	24	4.7
38.88872	466.1	403.8	71.5	0.000624	0.00031	0.00013	24	4.7
38.64719	466.1	434.087826	71.5	0.000616	0.00031	0.00014	24	4.7
38.38591	466.1	402.9	71.5	0.000606	0.0003	0.0001	24	4.7
37.38889	466.1	402.9	71.5	0.000606	0.0003	0.00017	24	4.7
38.53324	466.1	402.868443	71.3	0.000619	0.0003	0.00012	24	4.6
38.61072	466.1	406.996445	71.3	0.000633	0.00031	0.00018	24	4.6

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41.57926	466.985258	401.3	71.3	0.000668	0.00032	0.00014	24	4.6
41.09844	467.53205	400.539125	71.2	0.000663	0.00032	0.00015	24	4.6
40.41748	468.078843	401.048434	71.3	0.000656	0.00032	0.00014	24	4.6
40.74553	468.625636	420.813525	71.3	0.000654	0.00032	0.00016	24	4.6
40.47701	468.7	404.043004	71.3	0.000647	0.00032	0.0001	24	4.6
39.62036	468.7	400.5	71.3	0.000629	0.00031	0.00015	24	4.6
38.64424	468.7	400.163325	71.3	0.000606	0.0003	0.00008	24	4.6
38.29476	468.7	400.241375	71.5	0.000606	0.0003	0.00011	24	4.6
39.51596	468.857599	434.553479	71.5	0.00063	0.00031	0.00012	24	4.6
39.89664	469.848789	400.5	71.3	0.000645	0.00031	0.00007	24	4.6
40.26282	470.839978	400.5	71.3	0.000661	0.00032	0.00014	24	4.6
42.52231	471.831167	400.5	71.3	0.000682	0.00033	0.00008	24	4.6
43.55136	472.822357	407.083942	71.3	0.000698	0.00034	0.00016	24	4.6
41.83535	473.439664	412.261859	71.3	0.000685	0.00034	0.00009	24	4.6
41.11221	473.826844	400.5	71.3	0.00066	0.00033	0.00012	24	4.6
42.15056	474.214025	400.5	71.3	0.000673	0.00033	0.0001	24	4.6
42.188	474.601205	400.5	71.3	0.000695	0.00034	0.00008	24	4.6
42.83687	474.988385	428.117263	71.3	0.000698	0.00034	0.00015	24	4.6
42.50236	477.23797	400.5	71.3	0.000692	0.00034	0.00007	24	4.6
43.16238	479.545155	400.5	71.3	0.000699	0.00034	0.00013	24	4.6
44.59264	481.85234	400.5	71.3	0.000724	0.00034	0.00007	24	4.6
46.92648	484.159525	400.5	71.3	0.000786	0.00037	0.00017	24	4.6
49.2832	485.592925	427.33237	71.2	0.000816	0.00038	0.00015	24	4.6
48.97031	485.814704	401.3	71.2	0.000813	0.00038	0.00011	24	4.6
49.50972	486.036483	401.3	71.2	0.000817	0.00039	0.00018	24	4.6
45.24203	486.258261	401.566667	71.2	0.000731	0.00037	0.00011	24	4.7
44.38094	486.48004	426.91875	71.3	0.000699	0.00035	0.00017	24	4.7
41.69877	482.945469	403.728571	71.5	0.00069	0.00035	0.00011	24	4.7
39.74445	479.03939	401.3	71.5	0.000631	0.00032	0.00014	24	4.7
37.30848	475.133311	401.3	71.5	0.000565	0.00029	0.00012	24	4.7
35.14445	471.227233	401.3	71.6	0.000527	0.00027	0.00011	24	4.7
33.26904	465.553846	427.321519	71.6	0.000492	0.00026	0.00014	24	4.7
31.91796	456.641229	401.3	71.7	0.000466	0.00026	0.00011	24	4.7
32.37935	447.728612	401.3	71.7	0.00045	0.00025	0.00018	24	4.6
30.85978	438.815995	400.5	71.6	0.000428	0.00024	0.00011	24	4.6
30.15628	429.903378	406.877309	71.6	0.000414	0.00024	0.00015	24	4.7
27.84639	424.544038	401.940045	71.6	0.000387	0.00024	0.00015	24	4.7
29.18476	420.282307	400.5	71.6	0.000363	0.00023	0.00014	24	4.7
29.56571	416.020577	400.5	71.6	0.000356	0.00023	0.00017	24	4.7
31.25376	411.758846	400.5	71.6	0.000378	0.00024	0.0001	24	4.7
33.79887	408.41102	404.044239	71.3	0.000425	0.00025	0.00015	24	4.7
33.54162	411.894237	399.870153	71.3	0.000464	0.00026	0.00005	24	4.6
34.72421	415.377454	400.5	71.2	0.000496	0.00027	0.00007	24	4.6
37.08969	418.860671	400.5	71.2	0.000537	0.00029	0.00004	24	4.6
36.62176	422.343889	400.5	71.2	0.000549	0.00029	0.00005	24	4.6
37.71408	426.493465	408.453293	71.2	0.000575	0.0003	0.00014	24	4.6
38.64452	431.725657	400.5	71.2	0.000574	0.00029	0.00011	24	4.6
38.2754	436.957848	400.5	71.2	0.000598	0.0003	0.00015	24	4.6
40.24236	442.19004	400.625291	71.2	0.000638	0.00031	0.0001	24	4.6
41.11658	447.422232	407.78777	71.2	0.000665	0.00032	0.00011	24	4.6
41.58818	450.585018	408.631148	71.2	0.000673	0.00033	0.00009	24	4.6
41.93857	452.490193	400.550178	71.2	0.000678	0.00033	0.00011	24	4.6
42.12107	454.395367	400.5	71.2	0.000677	0.00033	0.00012	24	4.6
41.21387	456.300541	400.947257	71.2	0.000662	0.00032	0.00007	24	4.5
40.69913	458.198334	422.808696	71.3	0.000642	0.00031	0.00012	24	4.5
39.47603	457.643016	400.5	71.3	0.000629	0.00031	0.00008	24	4.5
37.38482	457.087698	400.5	71.5	0.000601	0.00029	0.00013	24	4.5
37.64309	456.532379	400.5	71.5	0.000591	0.00029	0.00011	24	4.5
37.86	455.977061	399.861547	71.5	0.000592	0.00029	0.00011	24	4.6
38.75692	455.025207	421.383226	71.5	0.000602	0.0003	0.00012	24	4.6
37.84465	453.234573	398.9	71.5	0.000598	0.0003	0.00011	24	4.6
37.154	451.443939	398.308047	71.5	0.000569	0.00029	0.00016	24	4.6

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37.75552	447.862672	416.166977	71.6	0.000576	0.00029	0.00015	24	4.6
39.03548	447.632101	396.6	71.5	0.000599	0.0003	0.00009	24	4.6
37.86646	447.458112	396.341704	71.3	0.000596	0.0003	0.00015	24	4.6
36.71637	447.284124	395.7	71.3	0.000577	0.00029	0.00013	24	4.6
37.1707	447.110135	395.7	71.5	0.000573	0.00029	0.00012	24	4.6
36.97526	446.105878	413.486409	71.5	0.00057	0.00029	0.00017	24	4.6
36.87306	443.66958	395	71.5	0.000567	0.00029	0.0001	24	4.6
35.54667	441.233281	394.337647	71.5	0.000544	0.00028	0.00017	24	4.6
35.82132	438.796983	393.4	71.5	0.000521	0.00028	0.00013	24	4.6
34.72226	436.360684	405.701667	71.5	0.000499	0.00027	0.00016	24	4.6
33.41651	434.232115	394.425909	71.6	0.000487	0.00027	0.00019	24	4.6
34.75582	432.140418	392.57449	71.6	0.000498	0.00027	0.00014	24	4.6
35.60609	430.048722	391.9	71.5	0.000515	0.00028	0.00018	24	4.6
35.64244	427.957025	391.365083	71.5	0.000527	0.00028	0.0001	24	4.6
36.35846	426.085192	409.396029	71.3	0.000532	0.00029	0.00017	24	4.6
36.59671	425.367645	391.1	71.3	0.000539	0.00029	0.00013	24	4.6
34.75097	424.650098	391.1	71.3	0.000518	0.00028	0.00012	24	4.6
35.11663	423.932551	391.1	71.3	0.00051	0.00027	0.00014	24	4.6
33.74902	423.215003	393.720543	71.3	0.000488	0.00027	0.00011	24.4	4.6
33.81969	421.157687	396.875746	71.3	0.000482	0.00027	0.00017	25	4.7
33.26045	418.05196	390.4	71.3	0.000471	0.00026	0.00014	25	4.7
32.25397	414.946233	390.97289	71.3	0.000457	0.00026	0.00021	24.5	4.7
32.63718	411.840507	390.4	71.5	0.000453	0.00026	0.00017	24	4.6
33.18133	408.815708	397.312303	71.3	0.000457	0.00026	0.00018	24.4	4.6
34.33804	409.563721	390.289431	71.3	0.000483	0.00027	0.00021	25	4.6
35.85353	410.311734	389.6	71.3	0.000516	0.00028	0.00017	25	4.6
35.4156	411.059748	389.6	71.3	0.000519	0.00028	0.00019	24.5	4.6
33.89944	411.807761	393.1525	71.3	0.000487	0.00027	0.00013	24.5	4.6
32.7006	410.749965	391.246061	71.3	0.000466	0.00026	0.00018	25	4.7
32.66474	409.06755	389.377376	71.3	0.000448	0.00025	0.00014	25	4.7
32.562	407.385135	389.366027	71.5	0.00045	0.00026	0.00019	25	4.7
34.34027	405.70272	388.811902	71.5	0.000465	0.00026	0.00019	25	4.7
33.59596	405.565714	394.221851	71.3	0.000485	0.00027	0.00016	25	4.7
36.42393	407.708571	388.313707	71.3	0.00053	0.00029	0.00024	25	4.7
37.67091	409.851429	388	71.3	0.000563	0.0003	0.00016	25	4.7
35.43267	411.994286	388	71.2	0.000538	0.00029	0.00021	25	4.7
34.52939	414.137143	394.354444	71.3	0.000515	0.00028	0.00015	25	4.7
35.31584	415.292759	389.78377	71.3	0.000522	0.00028	0.00018	25	4.7
36.92273	416.176379	387.2	71.3	0.000557	0.00029	0.0002	25	4.6
36.73	417.06	387.2	71.3	0.000555	0.00029	0.00014	25	4.6
34.79682	417.943621	386.661972	71.3	0.000519	0.00027	0.0002	25	4.6
33.1548	415.312328	401.856988	71.5	0.00049	0.00028	0.00014	25	4.7
29.04735	391.786829	385.358947	71.5	0.000354	0.00025	0.00018	25	4.8
21.07246	368.26133	384.9	71.5	0.000167	0.00018	0.00009	25	4.9
18.66692	344.735831	384.1	71	0.000079	0.00016	0.00007	25	5
17.48494	321.210333	374.183491	69.7	0.000046	0.00015	0.00003	25	5.1
16.49958	305.329752	372.887273	68.3	0.00003	0.00014	0.00001	25	5.1
15.60151	293.862483	383.4	67.1	0.000022	0.00013	0.00002	25	5.1
14.79582	282.395214	382.267257	66	0.000018	0.00012	0.00002	25	5.1
13.89475	270.927946	381.154394	64.5	0.000015	0.00012	0.00006	25	5.1
13.25432	260.696219	324.761594	63	0.000013	0.00011	0.00004	25	5.1
13.12307	255.285528	380.2	61.7	0.000011	0.00011	0.00005	25	5.2
12.6687	249.874837	379.83905	60.8	0.00001	0.00011	0.00004	25	5.2
12.09292	244.464146	379.4	60	0.000009	0.0001	0.00004	25	5.2
11.81167	239.053455	371.389095	59.2	0.000009	0.0001	0.00005	25	5.1
17.09398	243.563151	348.786364	58.4	0.00002	0.00016	0.00005	25	5.1
26.40542	254.631507	377.152387	57.6	0.000059	0.00019	0.00011	25	5.1
23.64546	265.699864	377.9	56.8	0.000151	0.00019	0.00008	25	5
19.62578	276.768221	377.9	56.4	0.0002	0.00018	0.0001	25	4.9
18.75137	285.456949	332.759387	56	0.000206	0.00016	0.0001	25	4.8
17.63516	283.592542	377.1	55.6	0.000189	0.00015	0.00008	25	4.9
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17.88325	279.863729	376.885807	54.7	0.000161	0.00014	0.00007	25	4.9
15.23155	277.999322	374.727677	54.2	0.000146	0.00013	0.0001	25	4.9
14.12452	273.042875	345.552881	53.6	0.000114	0.00011	0.00007	25	5
11.35973	264.51459	375.6	53	0.000095	0.0001	0.00006	25	5
10.59431	255.986304	374.891982	52.3	0.000075	0.00009	0.00005	25	5.1
10.34723	247.458018	374.1	51.3	0.000057	0.00009	0.00004	25	5.1
9.7571	238.929732	342.984284	50.4	0.000042	0.00008	0.00006	25	5
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9.4566	224.486517	371.6	47.8	0.000019	0.00008	0.00004	25	5.1
9.19544	219.992135	371.6	46.7	0.000016	0.00008	0.00005	25	5
10.69238	215.523963	306.019631	45.4	0.000015	0.00009	0.00005	25	5
11.10102	211.612035	370.704348	43.1	0.000014	0.00009	0.00005	25	5
13.63947	207.700107	370.1	38.5	0.000015	0.00012	0.00007	25	5
13.63315	203.788179	370.1	34	0.000012	0.00012	0.00005	25	5.1
12.62365	199.876251	369.353724	31.1	0.000009	0.00011	0.00006	25	5.1
11.38058	196.702371	309.433955	29.6	0.000008	0.0001	0.00004	25	5.1
10.91653	194.801474	368.6	28.1	0.000008	0.00009	0.00005	25	5.1
10.20789	192.900577	368.6	26.6	0.000007	0.00009	0.00004	25	5.1
9.58441	190.99968	368.536663	25.3	0.000007	0.00008	0.00003	25	5.1
8.91455	189.098783	337.376356	24	0.000006	0.00008	0.00003	25	5.1
8.92737	188.243071	340.079276	22.7	0.000006	0.00008	0.00002	25	5.1
9.71453	187.867993	367.148936	21.3	0.000007	0.00008	0.00004	25	5.1
7.28993	187.492915	366.1	19.8	0.000007	0.00008	0.00003	25	5.1
11.88564	187.117837	366.1	18.3	0.000009	0.0001	0.00005	25	5.1
11.92686	186.742759	311.344856	16.9	0.000008	0.0001	0.00004	25	5.1
11.55559	190.413112	358.624516	15.8	0.000014	0.0001	0.00004	25	5.1
12.30863	194.603983	365.4	14.7	0.000023	0.0001	0.00005	25	5.1
11.6762	198.794855	365.16273	13.5	0.000033	0.0001	0.00003	25	5.1
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12.88097	207.267049	296.011301	7.5	0.000056	0.00011	0.00003	25	5
11.71437	212.82839	364.6	5	0.000068	0.0001	0.00005	25	5
11.78721	218.389731	364.6	2.8	0.00008	0.0001	0.00004	25	5
11.86725	223.951073	364.6	1.5	0.000093	0.0001	0.00004	25	4.9
11.96668	229.512414	364.031579	1	0.000102	0.0001	0.00004	25	4.9
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11.83919	238.738032	363.9	0	0.000114	0.0001	0.00005	25	4.9
11.97192	242.799718	363.319034	0.2	0.000118	0.0001	0.00004	25	4.9
17.15622	246.861403	363.83452	0.2	0.000147	0.00012	0.00007	25	4.9
17.03826	250.923089	345.734674	0.7	0.000195	0.00015	0.00007	25	4.9
30.56849	264.17126	348.90324	1.5	0.000351	0.00025	0.00009	25	4.9
30.41935	282.130807	363.1	2.6	0.000454	0.00028	0.00012	25	4.8
37.88695	300.090353	363.1	4.3	0.00051	0.0003	0.00009	25	4.8
44.7966	318.0499	362.563183	7.2	0.000636	0.00036	0.00019	25	4.8
29.89931	331.361832	347.470551	9.2	0.000412	0.00026	0.00008	25	4.9
19.05648	320.6324	360.8	11.4	0.000166	0.00014	0.00005	25	4.9
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56.52341	379.32217	346.391964	14.7	0.000863	0.00044	0.00012	24.5	4.8
49.7319	406.020283	347.136177	16.5	0.00087	0.00041	0.00023	24	4.7
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14:13:29.517	198.4	26.1	783
14:13:30.517	198.3	36.2	763
14:13:31.517	198.1	46.4	739
14:13:32.517	198	67.1	891
14:13:33.517	197.9	97.8	1549
14:13:34.517	197.8	78.1	1917
14:13:35.517	197.6	38.3	1761
14:13:36.517	197.5	56.8	1495
14:13:37.517	197.4	85.8	1614
14:13:38.517	197.2	93	1612
14:13:39.517	197.1	80.1	1646
14:13:40.517	197	83.1	1851
14:13:41.517	196.8	80.3	2042
14:13:42.517	196.7	76.1	2212
14:13:43.517	196.6	18.7	2206
14:13:44.517	196.4	51.2	1641
14:13:45.517	196.3	53.3	1497
14:13:46.517	196.2	40	1499
14:13:47.517	196.1	17.9	1480
14:13:48.517	195.9	0.1	1440
14:13:49.517		0	1394
14:13:50.517		0	1357
14:13:51.517		0	1304
14:13:52.517		0	1254
14:13:53.517		0	1166
14:13:54.517		0	1113
14:13:55.517		0	1224
14:13:56.517		0	1276
14:13:57.517	194.8	0	842
14:13:58.517	194.6	57.3	1048
14:13:59.517	194.5	92.9	1715
14:14:00.517	194.4	53.1	1512
14:14:01.517	194.3	6.7	1169
14:14:02.517	194.1	41.6	1240
14:14:03.517	194	78.6	1308
14:14:04.517	193.9	55.3	1320
14:14:05.517	193.7	35.4	1250
14:14:06.517	193.6	42.4	1271
14:14:07.517	193.5	64.7	1347
14:14:08.517	193.4	75	1345
14:14:09.517	193.2	94.4	1399
14:14:10.517	193.1	99.6	1566
14:14:11.517	193	99.3	1789
14:14:12.517	192.8	97.4	2146

18.48629	369.660089	329.886251	26.4	0.000108	0.00017	0.00008	24	5
24.07521	365.999375	327.9	25.4	0.000176	0.0002	0.00012	24	4.9
25.25044	362.338661	327.395616	24.9	0.000269	0.00021	0.00007	24	4.9
21.57758	358.677946	326.978104	24.9	0.000283	0.00018	0.0001	24	4.8
19.65556	355.481557	333.533905	25.3	0.000273	0.00017	0.00007	24	4.8
23.7847	352.774281	323.6	25.8	0.000285	0.00018	0.00009	24	4.8
22.79537	350.067005	322.213065	25.9	0.000299	0.00019	0.00011	24	4.8
22.46148	347.359729	321.098918	26.2	0.000296	0.00018	0.00007	24	4.8
19.15208	344.652453	325.369851	26.7	0.000278	0.00017	0.00011	24	4.8
18.01569	332.817799	319.965448	27.2	0.000225	0.00015	0.00008	24	4.8
16.08239	318.08499	317.793661	27.5	0.000172	0.00014	0.0001	24	4.8
14.35986	303.352182	317.1	27.5	0.000125	0.00012	0.00007	24	4.8
11.71749	288.619374	316.209631	27.2	0.000082	0.0001	0.00006	24	4.9
10.19748	274.514551	297.753894	26.7	0.000055	0.00009	0.00004	24	4.9
9.06799	269.910539	315.394962	25.6	0.000039	0.00008	0.00004	24	4.9
9.51609	265.306526	314.8	23.4	0.000029	0.00007	0.00004	24	4.9
10.51334	260.702513	314.8	20.7	0.000028	0.00009	0.00004	24	5
12.25113	256.098501	313.65407	17.3	0.000028	0.00009	0.00006	24	5
11.67327	253.552365	290.501495	14.5	0.000032	0.0001	0.00004	24	5
11.92756	255.241554	312.6	12.2	0.000041	0.0001	0.00006	24	4.9
12.47523	256.930743	311.929922	10.4	0.000051	0.0001	0.00005	24	4.9
13.15405	258.619932	311.2	9.2	0.000061	0.00011	0.00005	24	5
16.58712	260.309122	296.857765	7.6	0.000111	0.00015	0.00008	24	5
43.31485	278.94238	309.121651	5.8	0.000581	0.00042	0.0001	24	4.8
73.90506	299.73424	309.906364	5.6	0.000869	0.00052	0.00027	24	4.7
43.98166	320.5261	310.5	7.3	0.000513	0.00034	0.00012	24	4.8
33.49364	341.317961	310.5	11.2	0.000323	0.00026	0.00011	24	4.8
39.03327	362.475903	326.581365	14.8	0.000397	0.00027	0.0001	24	4.8
55.72349	384.267986	310.827801	16.1	0.000871	0.00043	0.00013	24	4.7
50.80924	406.06007	311.704203	17.6	0.000906	0.00042	0.00019	24	4.6
54.35888	427.852153	311.963374	19.9	0.000923	0.00043	0.00007	24	4.6
62.63439	449.644237	345.606584	23	0.001038	0.00049	0.00018	24	4.6
70.62092	442.480733	329.513846	25.7	0.000969	0.00051	0.00013	24	4.7
31.09481	426.57023	314.1	28.3	0.000347	0.00025	0.00008	24	4.8
23.92319	410.659727	314.995964	30.8	0.00022	0.00022	0.00007	24	4.9
22.62365	394.749223	315.16391	32.2	0.000189	0.00019	0.00007	24	4.9
20.18068	378.83872	337.104065	32.5	0.000191	0.00017	0.00009	24	4.8
18.20387	361.660863	314.8	32.7	0.000182	0.00015	0.00005	24	4.8
13.41039	344.403544	314.8	32.8	0.000138	0.00012	0.00007	24	4.8
11.32019	327.146225	315.325674	32.5	0.000097	0.0001	0.00005	24	4.9
10.85441	309.888906	314.897866	31.7	0.00007	0.00009	0.00006	24	5
10.59115	296.006893	309.467587	30.7	0.000049	0.00009	0.00006	24	5
9.98743	287.230242	314.8	29.8	0.000035	0.00008	0.00005	24	5
8.95723	278.453591	314.8	28.8	0.000025	0.00007	0.00006	24	5.1
8.34712	269.676941	314.74266	27.5	0.000021	0.00007	0.00005	24	5.1
9.32454	260.90029	308.824282	25.9	0.000021	0.00008	0.00008	24	5.1
9.89675	269.053242	303.225959	23.2	0.000019	0.00008	0.00007	24	5.1
6.22365	290.134799	314.252043	20.5	0.000016	0.00008	0.00007	24	5.1
20.50066	311.216355	314.1	18.6	0.000085	0.00019	0.00017	24	5
56.02241	332.297912	314.742672	17.2	0.000469	0.00048	0.00036	24	4.9
45.47861	352.889212	329.799387	16	0.000599	0.00041	0.00034	24	4.8
25.17307	346.734348	317.1	16.3	0.00023	0.00024	0.00011	24	4.9
23.98342	340.579484	317.1	18.4	0.000123	0.00021	0.00015	24	5
24.72119	334.424619	317.1	18.4	0.000168	0.00021	0.00008	24	4.9
20.36414	328.269755	318.436026	17.5	0.000215	0.00018	0.00008	24	4.9
18.58205	327.206451	320.096104	17.8	0.000213	0.00015	0.00004	24	4.9
14.85688	331.549649	317.8	18.6	0.000175	0.00014	0.00002	24	4.9
23.17677	335.892846	318.35729	18.4	0.00018	0.00017	0.00005	24	5
25.68678	340.236044	319.2	18.1	0.000285	0.00023	0.00003	24	4.9
43.41986	344.579242	324.629577	17.8	0.000539	0.0003	0.00017	24	4.8
58.67958	381.084947	322.413394	18.2	0.000922	0.00043	0.00023	24	4.8
85.50363	426.24351	321.90623	19.3	0.001442	0.00061	0.00041	24	4.7
130.24576	471.402072	323.171765	21.6	0.002187	0.00095	0.0006	24	4.8

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122.901359	1	2.15247
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89.583261	1	2.15354
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31.784436	1	2.15422
65.843501	1	2.15429
99.902565	1	2.15438
133.96163	1	2.15447
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193.552134	1	2.15467
215.549494	1	2.15477
237.546854	1	2.15488
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278.748174	1	2.15545
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288.042266	1	2.15631
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297.336358	1	2.15684
282.028386	1	2.15727
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202.721777	1	2.15861
176.874419	1	2.15912
172.223256	1	2.15937
167.572093	1	2.15959
162.92093	1	2.15978
158.269767	1	2.15995
146.206181	1	2.1601
116.597363	1	2.16022
86.988545	1	2.16032
57.379728	1	2.16041
27.77091	1	2.1605
17.434838	1	2.16058
16.591312	1	2.16065
15.747786	1	2.16072
14.90426	1	2.1608
14.060734	1	2.16088
76.614505	1	2.16096
144.087033	1	2.16115
211.55956	1	2.16163
279.032088	1	2.16204
303.490909	1	2.16228
257.170563	1	2.16249
210.850216	1	2.1627
164.52987	1	2.16288
118.209524	1	2.16303
171.051805	1	2.16317
255.552866	1	2.16334
340.053928	1	2.16357
424.554989	1	2.16387
504.948052	1	2.1643
503.865801	1	2.16491
502.78355	1	2.16586

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14:14:15.517	192.5	58.1	2279
14:14:16.517	192.3	12.4	2291
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14:14:18.517		25.3	1807
14:14:19.517		48.1	1551
14:14:20.517		53.7	1540
14:14:21.517		52.1	1522
14:14:22.517		56.2	1506
14:14:23.517		56.6	1500
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14:14:25.517	191.1	43.3	1487
14:14:26.517	191	42.8	1483
14:14:27.517	190.9	41	1475
14:14:28.517	190.7	40.2	1472
14:14:29.517	190.6	49.4	1465
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14:14:31.517	190.3	49.6	1441
14:14:32.517	190.2	49.2	1427
14:14:33.517	190.1	48.2	1409
14:14:34.517	189.9	49.6	1387
14:14:35.517	189.8	60	1365
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14:14:37.517	189.5	62.9	1328
14:14:38.517	189.4	63	1316
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14:14:40.517	189.1	71.8	1320
14:14:41.517	189	66.9	1328
14:14:42.517	188.9	59.3	1337
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14:14:44.517	188.6	59.9	1369
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14:14:47.517		10.8	1398
14:14:48.517		31.4	1418
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14:14:50.517		5.4	1436
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14:14:52.517	188.6	4.5	1460
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14:15:03.517	188.6	14.1	1552
14:15:04.517	188.6	30.4	1580
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14:15:06.517	188.6	19.8	1373
14:15:07.517	188.6	2.1	1343
14:15:08.517	188.6	0	1347
14:15:09.517	188.6	0	1342
14:15:10.517	188.6	0	1336
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14:15:12.517		27.9	1321
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14:15:14.517		45.5	1297
14:15:15.517		45.5	1279

130.56972	516.560634	326.818118	24.8	0.002292	0.00326	0.00044	24	14.3
105.89869	557.024276	428.448767	29.3	0.001771	0.00299	0.00037	24	15.9
94.95762	521.23594	332.892258	34.7	0.001212	0.00193	0.00027	24	11.4
58.7241	485.447603	334.800896	38.9	0.000435	0.00073	0.00026	24	7.4
41.12685	449.659266	335.833035	41.6	0.000144	0.00031	0.00012	24	5.9
26.25489	413.870929	336	42.8	0.000125	0.00025	0.00012	24	5.9
24.24	391.711441	351.535088	42	0.000165	0.00024	0.0001	24	5.8
24.07455	387.76621	336.037042	41.5	0.000211	0.00023	0.00009	24	5.7
23.01317	383.820979	336.495876	41.2	0.000236	0.00023	0.00013	24.5	5.7
23.83658	379.875748	336.390226	40.9	0.000269	0.00024	0.0001	25	5.6
24.22	375.628964	355.6	40.9	0.000274	0.00023	0.00013	25	5.6
21.95039	369.149667	337.5	43.7	0.000268	0.00021	0.00008	25	5.5
19.13749	362.670371	337.5	39.1	0.000246	0.00019	0.00011	25	5.5
18.21289	356.191075	338.147557	39.2	0.000214	0.00018	0.00009	24.5	5.5
17.43301	349.711779	338.303967	38.9	0.000187	0.00016	0.00009	24.5	5.4
16.89778	344.954561	340.483159	39	0.000169	0.00015	0.0001	25	5.4
18.56337	342.235263	338.659957	39.1	0.000179	0.00017	0.00009	25	5.4
20.94	339.515965	338.9	39.1	0.000196	0.00018	0.00014	25	5.4
20.76	336.796667	339.170927	38.6	0.000206	0.00019	0.00013	25	5.4
20.12754	334.077368	338.184	38.6	0.000211	0.00019	0.00014	25	5.3
19.11959	335.619364	340.176343	38.2	0.000209	0.00018	0.00012	25	5.3
19.82079	337.645383	340.4	37.7	0.000216	0.00019	0.00013	25	5.3
23.18285	339.671401	340.687122	37.4	0.000241	0.0002	0.00016	24.5	5.3
22.61131	341.697419	342.025973	37.3	0.000255	0.0002	0.00013	24.5	5.3
21.87474	344.257917	342.919271	37.1	0.000284	0.0002	0.00016	24.5	5.3
21.70048	348.84125	343.3	36.7	0.000293	0.0002	0.0001	24.4	5.2
22.19485	353.424583	343.750074	36.3	0.000309	0.0002	0.00011	25	5.2
23.26682	358.007917	344.197154	35.8	0.000336	0.00021	0.00012	24.6	5.2
23.4612	362.59125	350.167	34.8	0.000337	0.0002	0.00012	24	5.2
20.38923	358.781607	346.2	34.9	0.000335	0.0002	0.00011	24	5.2
23.69987	353.924023	346.314454	34.8	0.000341	0.0002	0.00009	24	5.1
21.1133	349.066439	347	35.3	0.000311	0.00019	0.00012	24	5.1
17.4912	344.208854	347.637815	35.6	0.000282	0.00018	0.00008	24	5.1
19.00071	335.934884	345.383607	35.8	0.000225	0.00017	0.00011	24	5.2
20.08305	321.58734	348.098601	35.9	0.000152	0.00016	0.00008	24	5.3
18.82569	307.239797	348.4	36.2	0.000101	0.00017	0.00008	24	5.4
15.53754	292.892253	348.4	36.4	0.000076	0.00015	0.00008	24	5.4
16.95097	278.544709	336.270064	35.7	0.000073	0.00015	0.00007	24	5.4
20.96088	268.781507	343.067391	36.1	0.000074	0.00018	0.00011	24	5.4
17.49501	260.637402	349.1	36.1	0.000053	0.00016	0.00007	24	5.5
12.54367	252.493297	349.1	37.7	0.000037	0.00012	0.00007	24	5.4
12.18781	244.349192	349.1	47.1	0.00003	0.00011	0.00005	24	5.4
12.11281	236.764115	293.376438	38.6	0.000024	0.00011	0.00004	24	5.5
12.03473	232.135907	348.63187	38.9	0.00002	0.00011	0.00006	24	5.5
11.86046	227.507699	348.718759	38.9	0.000018	0.00011	0.00004	24	5.5
11.87233	222.879491	348.411953	40.7	0.000017	0.00011	0.00007	24	5.5
12.05	218.251283	340.905132	51.8	0.000015	0.00011	0.00006	24	5.6
12.06849	214.867348	319.434749	41.8	0.000013	0.00011	0.00008	24	5.5
12.23856	212.312928	347.850833	40.7	0.000011	0.00011	0.00007	24	5.6
12.11	209.758507	348.225545	40.3	0.000009	0.00011	0.00006	24	5.5
16.35026	207.204087	348.086155	40.3	0.000013	0.00017	0.00008	24	5.5
20.0241	204.9	283.172031	40.4	0.000021	0.00018	0.00007	24	5.5
19.51203	204.9	348.519022	40.6	0.000042	0.00017	0.0001	24	5.5
16.85193	204.9	348.898024	41.1	0.000069	0.00015	0.00006	24	5.3
13.19978	204.9	348.4	41.4	0.000072	0.00012	0.00008	24	5.3
11.06419	204.9	348.4	41.8	0.000063	0.00011	0.00005	24	5.3
10.83584	204.9	285.091176	42	0.000052	0.0001	0.00006	24	5.3
10.6478	204.9	348.4	43	0.000039	0.0001	0.00005	24	5.3
17.71552	204.9	348.4	43.2	0.000038	0.00013	0.00005	24	5.4
15.63943	204.9	347.7	42.9	0.000031	0.00015	0.00008	24	5.4
16.44938	204.9	313.108097	42.7	0.000031	0.00015	0.00002	24	5.4
16.25461	208.042335	334.435968	42.3	0.000055	0.00014	0.00002	24	5.3
16.04287	212.019974	347.000814	42	0.000087	0.00014	0.00002	24	5.3

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322.589845	1	2.17508
249.521413	1	2.17533
176.45298	1	2.17557
160.836364	1	2.1758
151.745455	1	2.17603
142.654545	1	2.17627
133.563636	1	2.1765
125.368053	1	2.17671
118.584683	1	2.1769
111.801313	1	2.17708
105.017943	1	2.17724
98.234573	1	2.17739
97.875053	1	2.17756
98.944801	1	2.17774
100.014549	1	2.17793
101.084296	1	2.17812
102.771704	1	2.1783
108.130761	1	2.17849
113.489818	1	2.17869
118.848875	1	2.17889
124.207931	1	2.17909
126.436338	1	2.17929
125.25959	1	2.17949
124.082843	1	2.1797
122.906096	1	2.1799
119.035556	1	2.1801
106.146667	1	2.1803
93.257778	1	2.18049
80.368889	1	2.18067
67.48	1	2.18084
59.588172	1	2.181
53.544572	1	2.18117
47.500971	1	2.18132
41.457371	1	2.18147
35.639168	1	2.18165
31.919256	1	2.18181
28.199344	1	2.18193
24.479431	1	2.18204
20.759519	1	2.18215
17.758141	1	2.18226
15.401671	1	2.18237
13.045201	1	2.18248
10.688732	1	2.18259
8.332262	1	2.1827
28.629753	1	2.18281
52.645764	1	2.18292
76.661775	0	2.18309
100.677785	0	2.18327
109.0063	0	2.18344
89.686686	0	2.18359
70.367073	0	2.18371
51.047459	0	2.18382
31.727845	1	2.18392
39.198238	1	2.18402
64.528634	1	2.18415
89.859031	1	2.1843
115.189427	1	2.18445
137.84145	1	2.18459
118.532289	1	2.18473

14:15:16.517		46	1270
14:15:17.517		17.4	1256
14:15:18.517		3.4	1230
14:15:19.517		0	1211
14:15:20.517	189.7	0	1186
14:15:21.517	189.8	0	1166
14:15:22.517	190	0	1142
14:15:23.517	190.1	0	1114
14:15:24.517	190.2	0	1263
14:15:25.517	190.3	0	1268
14:15:26.517	190.5	0	1201
14:15:27.517	190.6	0	1116
14:15:28.517	190.7	0	1041
14:15:29.517	190.9	0	1189
14:15:30.517	191	0	1168
14:15:31.517	191.1	5.8	929
14:15:32.517	191.3	23.9	802
14:15:33.517	191.4	27.7	818
14:15:34.517	191.5	39.6	758
14:15:35.517	191.7	49.4	869
14:15:36.517	191.8	67.3	1480
14:15:37.517	191.9	87.7	1744
14:15:38.517	192	78.1	1710
14:15:39.517	192.2	92.8	1888
14:15:40.517		85.4	2250
14:15:41.517		80.3	2474
14:15:42.517		77.4	2552
14:15:43.517		73.9	2374
14:15:44.517		58.7	1927
14:15:45.517		76.8	1930
14:15:46.517		80.2	1833
14:15:47.517		72.6	1741
14:15:48.517	195	60.2	1564
14:15:49.517	195.3	80.3	1476
14:15:50.517	195.7	76.5	1495
14:15:51.517	196	75.4	1508
14:15:52.517	196.3	67.6	1509
14:15:53.517	196.6	55	1501
14:15:54.517	196.9	68.4	1492
14:15:55.517	197.3	76.2	1496
14:15:56.517	197.6	79.1	1501
14:15:57.517	197.9	80.3	1513
14:15:58.517	198.2	83.9	1525
14:15:59.517	198.5	86.3	1544
14:16:00.517	198.9	83.8	1556
14:16:01.517	199.2	82.8	1560
14:16:02.517	199.5	81.1	1563
14:16:03.517	199.8	68.7	1562
14:16:04.517	200.1	59.4	1545
14:16:05.517	200.5	59.5	1522
14:16:06.517	200.8	44.2	1507
14:16:07.517	201.1	44.4	1501
14:16:08.517		51.1	1507
14:16:09.517		52.3	1522
14:16:10.517		50.1	1538
14:16:11.517		46.9	1548
14:16:12.517		46	1555
14:16:13.517		24.4	1275
14:16:14.517		29.1	1282
14:16:15.517		41.3	1282
14:16:16.517	199.5	47.6	1270
14:16:17.517	199.3	60.9	1260
14:16:18.517	199.1	66.8	1256

16.03891	215.997613	347.7	41.7	0.000114	0.00014	0.00004	24	5.2
14.83074	219.975253	347.305441	41.2	0.00012	0.00013	0.00006	24	5.1
11.45118	222.519687	286.809693	40.9	0.0001	0.0001	0.00006	24	5.1
9.94751	216.186496	346.2	40.4	0.000084	0.00009	0.00007	24	5.1
9.57815	209.853306	346.2	39.8	0.000066	0.00008	0.00006	24	5.2
9.28708	203.520116	345.601912	39	0.000052	0.00008	0.00006	24	5.2
9.08476	197.186926	339.625103	38.1	0.00004	0.00008	0.00005	24	5.2
8.76709	192.348039	300.838371	37.6	0.000029	0.00008	0.00005	24	5.2
9.59477	189.12151	344	36.8	0.000023	0.00008	0.00004	24	5.3
9.76979	185.894981	343.338083	36.6	0.000019	0.00009	0.00004	24	5.3
9.52314	182.668452	343.3	35.9	0.000014	0.00008	0.00005	24	5.3
8.62284	179.463071	278.608953	34.2	0.000011	0.00007	0.00003	24	5.3
7.93108	177.411434	341.8	32.3	0.000009	0.00007	0.00004	24	5.3
9.04305	175.359797	341.325834	30.1	0.000009	0.00008	0.00003	24	5.3
9.04699	173.30816	341.1	27	0.000008	0.00008	0.00004	24	5.3
8.78069	171.256524	319.799844	23.5	0.000007	0.00008	0.00004	24	5.3
10.66026	178.348252	311.918123	20.3	0.000008	0.00009	0.00004	24	5.3
11.21552	189.74274	339.849095	17	0.00001	0.0001	0.00006	24	5.3
12.25074	201.137227	339.7	14.2	0.000019	0.00011	0.00004	24	5.3
15.44717	212.531715	339.452675	10.5	0.000057	0.00014	0.00007	24	5.2
37.30942	223.926203	307.73722	6.5	0.000287	0.00033	0.00015	24	5.1
51.75342	261.270771	337.320398	3.3	0.000654	0.0004	0.00022	24	4.9
36.9526	304.389073	338.183658	3.8	0.000596	0.00034	0.0002	24	5
49.81826	347.507375	337.5	7.1	0.000946	0.00048	0.00018	24	4.9
91.88492	390.625678	336.113306	10.4	0.001656	0.00082	0.0004	24	4.9
110.57889	431.684348	375.253964	13.1	0.00187	0.00094	0.00029	24	4.9
114.40914	439.89363	328.360422	16.5	0.001825	0.00096	0.00044	24	5
100.16085	448.102912	324.799232	21.2	0.001457	0.00079	0.00026	24	5
68.80938	456.312194	321.761232	26.1	0.000989	0.00059	0.00019	24	5.2
57.80005	464.521475	325.195951	30.2	0.000879	0.00051	0.0002	24	5.2
54.16438	465.713083	361.287039	33.3	0.000818	0.00047	0.00018	24	5.2
43.62936	459.62975	316.618103	35.3	0.000662	0.00039	0.00017	24	5.2
32.61949	453.546417	315.644416	36.7	0.000481	0.0003	0.00008	24	5.2
31.77685	447.463083	314.8	37.7	0.000469	0.00028	0.00013	24	5.2
30.01065	441.37975	330.427971	38.4	0.000488	0.00027	0.00009	24	5.2
27.98247	433.560086	332.802276	39	0.000463	0.00026	0.00011	24	5.2
23.17048	424.963974	312.665833	39.5	0.000392	0.00022	0.00009	24	5.2
21.82489	416.367862	311.9	39.8	0.000367	0.00021	0.00007	24	5.2
26.73951	407.771749	311.519019	40	0.000387	0.00024	0.00013	24	5.1
30.77923	400.299298	349.046936	39.8	0.000432	0.00026	0.00011	24	5.2
33.4104	410.12386	310.5	39.6	0.000507	0.00029	0.00016	24	5.1
35.23733	419.948421	310.216353	39.6	0.000568	0.00031	0.00012	24	5.1
37.89849	429.772982	309.8	39.7	0.000658	0.00034	0.00013	24	5.1
43.45459	439.597544	309.8	39.9	0.000757	0.00038	0.00014	24	5.1
45.59026	444.933354	348.134635	40.3	0.000804	0.0004	0.00011	24	5.1
43.97585	445.798333	310.5	40.7	0.000776	0.00039	0.00016	24	5.1
41.1789	446.663312	310.5	41.1	0.000723	0.00037	0.00011	24	5.1
35.47185	447.528291	311.34	41.2	0.000582	0.00031	0.00016	24	5.1
25.23	448.39327	342.362396	41.4	0.00042	0.00024	0.00008	24	5.1
22.05	436.978578	320.00593	41.4	0.00031	0.00019	0.00008	24	5.2
18.48089	421.707326	311.9	41	0.000257	0.00017	0.00008	24	5.2
17.58617	406.436074	312.6	40.4	0.000227	0.00016	0.00008	24	5.1
20.79031	391.164823	312.6	40	0.000235	0.00018	0.0001	24	5.2
23.56465	376.448782	341.5325	39.8	0.00026	0.0002	0.00011	24	5.1
23.05521	368.20551	313.3	39.9	0.000249	0.0002	0.00015	24	5.1
20.99231	359.962238	313.670877	40.2	0.000237	0.00019	0.00011	24	5.1
19.86841	351.718966	314.1	40.5	0.000215	0.00017	0.00012	24	5.1
16.22959	343.475694	314.740999	41	0.000188	0.00015	0.00011	24	5.1
13.89188	337.920109	323.076029	41.3	0.000152	0.00013	0.00008	24	5.1
14.90357	337.142635	315.186489	41.3	0.000131	0.00013	0.00009	24	5.2
15.46679	336.365161	314.903093	41.3	0.000131	0.00014	0.00009	24	5.2
21.1992	335.587686	315.614525	41.1	0.00017	0.00018	0.00014	24	5.2
21.57096	334.810212	318.610811	40.9	0.00021	0.00018	0.00011	24	5.1

99.223128	1	2.18487
79.913967	1	2.185
60.604806	1	2.1851
45.559603	1	2.18519
36.937055	1	2.18527
28.314507	1	2.18535
19.691959	1	2.18543
11.069412	1	2.18551
8.304348	1	2.18559
7.389016	1	2.18568
6.473684	0	2.18576
5.558352	0	2.18583
4.912162	0	2.1859
4.686937	0	2.18598
4.461712	0	2.18606
4.236486	0	2.18614
4.011261	0	2.18623
95.016771	0	2.18633
190.823899	0	2.18644
286.631027	0	2.18658
382.438155	0	2.18691
456.481481	0	2.18731
431.378601	0	2.18765
406.27572	1	2.18813
381.17284	1	2.18895
356.069959	1	2.18989
333.877193	1	2.19085
317.868421	1	2.19164
301.859649	1	2.19223
285.850877	1	2.19274
269.842105	1	2.19321
255.704043	1	2.1936
242.156732	1	2.1939
228.609421	1	2.19418
215.062109	1	2.19445
201.514798	1	2.19471
186.343785	1	2.19493
171.108633	1	2.19514
155.873482	1	2.19538
140.638331	1	2.19564
139.913352	1	2.19593
158.188992	1	2.19624
176.464631	1	2.19658
194.740271	1	2.19696
213.015911	1	2.19736
210.274565	1	2.19775
201.674264	1	2.19812
193.073963	1	2.19843
184.473662	1	2.19867
175.02347	1	2.19886
159.935457	1	2.19903
144.847443	1	2.19919
129.75943	1	2.19937
114.671417	1	2.19957
104.146716	1	2.19977
101.769879	1	2.19996
99.393042	1	2.20013
97.016206	1	2.20028
94.639369	1	2.20041
101.234639	1	2.20054
111.131546	1	2.20068
121.028454	1	2.20086
130.925361	1	2.20104

14:16:19.517	198.9	66	1252
14:16:20.517	198.8	65.2	1250
14:16:21.517	198.6	65.2	1244
14:16:22.517	198.4	66.3	1238
14:16:23.517	198.2	72.8	1235
14:16:24.517	198	81	1235
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14:16:26.517	197.6	80.4	1248
14:16:27.517	197.4	80.2	1253
14:16:28.517	197.2	73.3	1258
14:16:29.517	197	65.5	1259
14:16:30.517	196.8	64.9	1260
14:16:31.517	196.6	73.5	1264
14:16:32.517	196.4	75.1	1270
14:16:33.517	196.3	70.3	1274
14:16:34.517	196.1	57.7	1274
14:16:35.517	195.9	50.6	1265
14:16:36.517		46.8	1258
14:16:37.517		45.4	1246
14:16:38.517		42.6	1234
14:16:39.517		50.4	1225
14:16:40.517		53.2	1221
14:16:41.517		58.8	1215
14:16:42.517		63.2	1215
14:16:43.517	194.8	72.6	1213
14:16:44.517	194.7	73.5	1217
14:16:45.517	194.5	71.1	1219
14:16:46.517	194.4	64.2	1224
14:16:47.517	194.3	57	1217
14:16:48.517	194.1	50.3	1212
14:16:49.517	194	49.7	1215
14:16:50.517	193.9	53.3	1206
14:16:51.517	193.7	55.2	1202
14:16:52.517	193.6	58.1	1198
14:16:53.517	193.5	68.7	1196
14:16:54.517	193.4	72.3	1199
14:16:55.517	193.2	71.9	1203
14:16:56.517	193.1	74	1207
14:16:57.517	193	76.4	1213
14:16:58.517	192.8	80.1	1214
14:16:59.517	192.7	83.4	1220
14:17:00.517	192.6	82.9	1227
14:17:01.517	192.4	82.2	1226
14:17:02.517	192.3	81.1	1231
14:17:03.517		57.6	1225
14:17:04.517		59.6	1214
14:17:05.517		68.2	1205
14:17:06.517		65.5	1198
14:17:07.517		66.2	1192
14:17:08.517		68.2	1192
14:17:09.517		59.7	1187
14:17:10.517		54.1	1175
14:17:11.517	192.2	51.7	1161
14:17:12.517	192.2	50.6	1139
14:17:13.517	192.2	55.6	1192
14:17:14.517	192.2	58.8	1390
14:17:15.517	192.2	61.2	1327
14:17:16.517	192.2	64.7	1294
14:17:17.517	192.2	80.9	1289
14:17:18.517	192.2	87.7	1290
14:17:19.517	192.2	86.3	1302
14:17:20.517	192.2	78.2	1317
14:17:21.517	192.2	79.6	1323

20.68568	336.958	320.749868	40.5	0.000252	0.00018	0.00012	24	5.1
20.64941	341.047849	317.1	40.4	0.000282	0.00018	0.00011	24	5
21.01927	345.137699	317.764032	40.2	0.000294	0.00018	0.00007	24	5
20.71243	349.227548	318.5	40	0.000297	0.00018	0.00007	24	5
20.95958	353.317398	329.733657	39.9	0.000316	0.00019	0.00004	24	5
25.24014	360.424015	321.455263	39.8	0.000365	0.00021	0.00007	24	5
25.3636	367.934237	321.4	39.7	0.000401	0.00022	0.00005	24	5
26.89769	375.444459	322.11117	39.7	0.00044	0.00023	0.00012	24	4.9
27.01792	382.95468	322.8	39.8	0.000454	0.00023	0.0001	24	4.9
24.67681	388.424203	353.58804	39.9	0.00042	0.00022	0.00008	24	4.9
21.85432	387.250598	324.704202	40.2	0.000364	0.00019	0.00009	24	4.9
20.51318	386.076993	325.1	40.4	0.000326	0.00018	0.00006	24	5
23.64414	384.903388	325.851639	40.5	0.000348	0.0002	0.00011	24	5
25.40295	383.729783	335.774576	40.5	0.000372	0.00021	0.00008	24	5
23.2301	378.581959	333.959026	40.5	0.000353	0.0002	0.00011	24	5
19.04407	371.880928	327.9	40.7	0.000307	0.00017	0.00008	24	5
16.16442	365.179897	328.161327	40.9	0.000264	0.00015	0.00005	24	5
16.1448	358.478866	329.08917	40.9	0.000231	0.00014	0.00009	24	5
15.62718	351.935189	339.253973	40.7	0.000202	0.00014	0.00007	24	5
14.59766	347.731844	330.2	40.5	0.000179	0.00013	0.0001	24	5.1
16.05394	343.528499	330.2	40.2	0.000181	0.00014	0.00008	24	5.1
18.63784	339.325154	330.2	39.7	0.000195	0.00016	0.00012	24	5.1
19.58601	335.121809	330.9	39.5	0.000215	0.00017	0.0001	24	5.1
19.99249	335.736263	331.951182	39.4	0.000242	0.00018	0.00011	24	5.1
22.05277	340.815769	332.249703	39.2	0.000293	0.0002	0.00012	24	5
22.95229	345.895274	332.473402	38.9	0.000317	0.00019	0.0001	24	5
21.18426	350.974779	333.384553	38.9	0.000316	0.00018	0.00013	24	5
18.31197	356.054284	342.37223	39	0.00029	0.00017	0.00009	24	5
18.25735	352.01644	333.8	39	0.000278	0.00016	0.00011	24	5
16.87218	347.895794	334.003166	39.2	0.000255	0.00016	0.00009	24	5.1
16.93318	343.775149	334.5	39.1	0.000236	0.00015	0.00011	24	5.1
17.40584	339.654503	334.5	39	0.000224	0.00015	0.00011	24	5.1
17.1952	337.495387	335.535518	39	0.000222	0.00016	0.0001	24	5.2
18.38244	340.305943	334.928448	38.8	0.000237	0.00017	0.00014	24	5.2
20.30685	343.116499	334.892727	38.6	0.000265	0.00018	0.00011	24	5.1
21.66166	345.927054	336	38.4	0.000293	0.00019	0.00014	24	5.1
21.40019	348.73761	336.949206	38.3	0.000314	0.00019	0.00011	24	5.1
22.80545	354.608855	337.95	38.4	0.000344	0.0002	0.00009	24	5
24.14206	362.340132	336	38.6	0.000377	0.00021	0.00013	24	5
24.94556	370.07141	336	38.7	0.000409	0.00022	0.00007	24	5
29.17844	377.802687	336	38.9	0.000461	0.00024	0.00012	24	4.9
30.21288	385.001144	358.136681	38.9	0.000515	0.00025	0.00007	24	4.9
29.8428	386.234604	336.7	39.1	0.000542	0.00026	0.00013	24	4.9
28.73217	387.468065	336.383382	39.2	0.000526	0.00025	0.0001	24	5
22.11447	388.701525	336	39.4	0.000423	0.00021	0.00008	24	5
19.19192	389.934985	340.67957	39.5	0.00033	0.00018	0.00008	24	5
18.88421	388.058816	344.217647	39.5	0.000284	0.00017	0.00005	24	5
19.05741	384.300896	335.2	39.1	0.000267	0.00016	0.0001	24	5
18.70507	380.542976	335.11674	38.9	0.000281	0.00017	0.00007	24	5
19.96184	376.785056	334.5	38.6	0.000288	0.00017	0.0001	24	5
16.68654	372.941971	350.307462	38.4	0.000266	0.00016	0.00009	24	5
16.85094	367.332644	333.8	38.3	0.000255	0.00015	0.00007	24	5.1
15.9843	361.723317	333.495532	38.2	0.000232	0.00014	0.00009	24	5.1
15.8323	356.11399	333.1	37.8	0.000219	0.00014	0.00007	24	5.2
18.64951	350.504663	333.099029	37.3	0.00024	0.00017	0.00012	24	5.2
22.30296	349.789649	336.429551	36.6	0.000271	0.00019	0.00011	24	5.1
22.08151	353.968948	331.6	35.9	0.000277	0.00019	0.00013	24	5.1
21.34	358.148246	331.6	35.3	0.00029	0.00019	0.00012	24	5.1
26.74426	362.327544	331.426658	34.8	0.000358	0.00022	0.00015	24	5
36.58413	366.506843	341.984647	34.4	0.000476	0.00026	0.00018	24	4.9
38.23214	374.714501	332.048636	34.1	0.000632	0.00031	0.00016	24	4.9
29.80282	383.461101	330.2	33.9	0.000597	0.00029	0.00018	24	5
30.65961	392.2077	330.2	34.2	0.000569	0.00028	0.00008	24	5

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139.199025	1	2.2014
136.019712	1	2.20158
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129.661085	1	2.20195
131.839118	1	2.20216
161.526959	1	2.20238
191.2148	1	2.20261
220.902641	1	2.20284
250.590482	1	2.20306
254.246184	1	2.20325
239.205264	1	2.20343
224.164344	1	2.20363
209.123424	1	2.20384
193.613636	1	2.20404
170.886364	1	2.20421
148.159091	1	2.20436
125.431818	1	2.2045
102.704545	1	2.20464
92.321053	1	2.20477
97.584211	1	2.20491
102.847368	1	2.20507
108.110526	1	2.20524
113.373684	1	2.20542
114.763101	1	2.20562
115.629277	1	2.20581
116.495453	1	2.20599
117.361628	1	2.20616
116.489149	1	2.20632
110.744468	1	2.20648
104.999787	1	2.20663
99.255106	1	2.20678
93.510426	1	2.20694
95.937514	1	2.20711
104.70752	1	2.20729
113.477527	1	2.20748
122.247533	1	2.20767
131.080138	1	2.20787
171.149074	1	2.20808
211.218009	1	2.2083
251.286945	1	2.20854
291.355881	1	2.20879
305.216983	1	2.20905
272.486381	1	2.2093
239.755779	1	2.20951
207.025177	1	2.20969
174.294575	1	2.20986
161.47756	1	2.21002
148.841394	1	2.21019
136.205229	1	2.21036
123.569063	1	2.21052
114.871645	1	2.21067
112.057792	1	2.21081
109.243939	1	2.21095
106.430087	1	2.21112
103.616234	1	2.21131
158.159179	1	2.2115
228.785529	1	2.21169
299.411879	1	2.21191
370.038229	1	2.21217
423.222735	1	2.21248
378.340185	1	2.21277
333.457634	1	2.21305

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14:17:25.517	192.2	93.8	1306
14:17:26.517	192.2	93.1	1315
14:17:27.517	192.2	89.9	1330
14:17:28.517	192.2	88.2	1344
14:17:29.517	192.2	82.3	1358
14:17:30.517	192.2	53.2	1352
14:17:31.517		8	1310
14:17:32.517		0.2	1245
14:17:33.517		0	1150
14:17:34.517		0	1085
14:17:35.517		0	1166
14:17:36.517		0	1105
14:17:37.517		0	1159
14:17:38.517	192.2	22.5	749
14:17:39.517	192.2	26.6	827
14:17:40.517	192.2	50.9	1213
14:17:41.517	192.2	75.3	1665
14:17:42.517	192.2	80.6	1855
14:17:43.517	192.2	60.4	1773
14:17:44.517	192.2	86.7	1853
14:17:45.517	192.2	81	1633
14:17:46.517	192.2	79.2	1570
14:17:47.517	192.2	84.1	1679
14:17:48.517	192.2	84.6	1792
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14:17:50.517	192.2	77.9	1785
14:17:51.517	192.2	78.2	1644
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14:17:53.517	192.2	71	1526
14:17:54.517	192.2	75.6	1467
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14:17:56.517	192.2	52.6	1478
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14:18:00.517		60.4	1434
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14:18:04.517		60.1	1403
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14:18:06.517	193.8	93.8	1420
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14:18:08.517	194.2	70.2	1482
14:18:09.517	194.4	53.7	1488
14:18:10.517	194.5	68.6	1471
14:18:11.517	194.7	76.1	1461
14:18:12.517	194.9	84	1459
14:18:13.517	195.1	86.6	1474
14:18:14.517	195.3	84.6	1496
14:18:15.517	195.5	83.8	1518
14:18:16.517	195.7	84.9	1542
14:18:17.517	195.9	83.4	1571
14:18:18.517	196.1	83.6	1597
14:18:19.517	196.3	73.3	1621
14:18:20.517	196.5	63.3	1631
14:18:21.517	196.7	72.5	1630
14:18:22.517	196.8	73.7	1641
14:18:23.517	197	74.8	1634
14:18:24.517	197.2	66.1	1627

26.35943	400.9543	330.2	34.6	0.000498	0.00026	0.00012	24	5.1
23.29608	409.741847	366.020417	35	0.000425	0.00023	0.00007	24	5.1
23.98384	418.885991	329.22832	35.1	0.000393	0.00022	0.00008	24	5.1
35.16055	428.030135	328.7	34.9	0.000502	0.00026	0.00009	24	5.1
42.98272	437.174279	327.908358	34.6	0.000733	0.00035	0.00016	24	5
41.87843	446.318423	347.848986	34.5	0.000785	0.00036	0.00028	24	5
42.69824	444.543771	342.560633	34.6	0.0008	0.00037	0.00017	24	5
38.28286	437.219141	327.272465	35	0.000723	0.00034	0.00011	24	5
30.89304	429.894512	327.097358	35.4	0.000581	0.00029	0.00004	24	5
20.73708	422.569883	326.5	35.9	0.000305	0.00016	0.00003	24	5
9.91935	413.432772	370.036812	36	0.000145	0.00009	0.00002	24	5.1
8.0972	393.521463	325.600935	35.7	0.000088	0.00007	0.00002	24	5.1
7.17629	373.610155	325.591377	33.4	0.000064	0.00006	0.00004	24	5.2
7.83511	353.698847	324.4	31	0.000055	0.00007	0.00003	24	5.3
8.67295	333.787539	324.579675	28.4	0.000048	0.00008	0.00004	24	5.3
8.93929	325.328637	324.029305	25.8	0.000037	0.00007	0.00003	24	5.4
6.17485	323.481062	322.8	23.1	0.000031	0.00008	0.00004	24	5.4
11.28882	321.633487	322.4	18.7	0.00004	0.00011	0.00008	24	5.4
25.14391	319.785912	322.1	14.3	0.000144	0.00025	0.00014	24	5.3
44.00603	325.620894	321.057368	11.1	0.000352	0.00034	0.00021	24	5.2
50.09293	349.044887	323.125079	9.8	0.000679	0.00044	0.00014	24	5.1
45.82028	372.46888	323.6	10.7	0.000714	0.00043	0.00019	24	5.1
55.328	395.892874	324.38927	13.1	0.000783	0.00045	0.00014	24	5.2
49.0175	419.316867	334.998512	15.5	0.000768	0.00043	0.00014	24	5.2
35.56519	434.013039	350.453659	17.3	0.000602	0.00034	0.00011	24	5.2
39.79207	441.879418	326.026383	19.9	0.000665	0.00036	0.00012	24	5.1
48.64326	449.745797	326.502187	21.9	0.00082	0.00042	0.00019	24	5
52.99949	457.612177	327.501308	23.6	0.000876	0.00045	0.00013	24	5
46.36401	465.478556	375.721091	25.1	0.000774	0.00042	0.00018	24	5
45.46029	460.025739	329.543524	27	0.000714	0.00039	0.00012	24	5.1
39.00786	453.43045	330.9	28.6	0.00054	0.0003	0.00013	24	5.1
27.34026	446.835161	330.9	30	0.000436	0.00026	0.00009	24	5.1
24.44424	440.239872	331.456577	31.2	0.000358	0.00022	0.00009	24	5.1
24.18937	431.667175	376.242152	31.6	0.000344	0.0002	0.0001	24	5.1
19.39274	417.19377	331.6	32.1	0.00033	0.00019	0.00007	24	5.1
18.21033	402.720364	331.6	32.3	0.000286	0.00018	0.00012	24	5.1
17.20571	388.246959	331.6	32.3	0.000235	0.00016	0.00009	24	5.1
17.62089	373.773554	334.147226	32.2	0.000228	0.00018	0.00012	24	5.2
23.86385	364.805301	340.175867	31.8	0.000226	0.00019	0.00012	24	5.1
18.78135	360.679926	333.048285	31.3	0.000225	0.00018	0.0001	24	5.2
19.80912	356.554552	333.1	31.2	0.000234	0.00017	0.00013	24	5.1
18.14677	352.429177	333.1	31.4	0.000229	0.00017	0.00009	24	5.2
23.68439	352.663264	340.797017	31.3	0.000261	0.0002	0.00016	24	5.2
33.40463	371.125772	333.8	31.1	0.000382	0.00026	0.00016	24	5.1
47.04982	389.58828	334.525992	30.7	0.000687	0.00038	0.00022	24	5
47.87652	408.050788	335.847471	30.5	0.00079	0.00038	0.00025	24	5
36.17567	426.513296	336.97035	30.9	0.000655	0.00033	0.00016	24	5
27.808	437.160911	367.751477	31.6	0.000501	0.00027	0.00015	24	5
24.53979	437.533392	337.98519	32.3	0.000414	0.00024	0.00007	24	5.1
25.71409	437.905872	338.2	32.6	0.000396	0.00023	0.00012	24	5.1
33.45558	438.278352	338.9	32.3	0.000494	0.00027	0.00011	24	5
40.77818	438.650833	368.970652	32	0.000688	0.00034	0.00017	24	5
41.47788	446.72571	345.098331	31.9	0.000732	0.00036	0.00017	24	5
40.80458	455.97192	341.109067	32.1	0.000747	0.00036	0.0001	24	5
43.15	465.218129	342.749198	32.6	0.000765	0.00037	0.00014	24	5
43.88306	474.464339	343.3	33.1	0.000772	0.00037	0.00009	24	5
43.83823	480.606424	411.960102	33.6	0.00078	0.00038	0.00018	24	5
41.17379	473.073584	344.8	34.3	0.000688	0.00034	0.00009	24	5
29.2609	465.540743	345.055769	34.9	0.000491	0.00027	0.0001	24	5
26.35189	458.007902	345.037908	35.3	0.000428	0.00025	0.0001	24	5.1
27.85743	450.475062	345.353419	35.7	0.000408	0.00024	0.00009	24	5.1
29.24182	441.554056	385.496104	35.7	0.000427	0.00025	0.00015	24	5.1
27.44871	429.586185	346.2	35.8	0.000437	0.00025	0.00012	24	5.1

288.575084	1	2.21331
243.692534	1	2.21354
249.887558	1	2.21376
338.36682	1	2.21402
426.846083	1	2.21437
515.325346	1	2.21473
594.910583	1	2.2151
476.552052	1	2.21544
358.193521	1	2.21573
239.834989	1	2.21589
121.476458	1	2.21598
48.815873	1	2.21605
41.106122	1	2.21611
33.396372	1	2.21618
25.686621	1	2.21626
18.307397	1	2.21633
120.772902	1	2.21641
223.238408	0	2.21652
325.703913	0	2.21677
428.169419	0	2.21711
467.813645	0	2.21755
462.338808	0	2.21798
456.863971	1	2.21843
451.389135	1	2.21886
445.914298	1	2.2192
394.104615	1	2.21956
333.005714	1	2.21998
271.906813	1	2.22043
210.807912	1	2.22085
163.902125	1	2.22124
152.95557	1	2.22154
142.009015	1	2.2218
131.06246	1	2.22202
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117.057627	1	2.22241
118.752542	1	2.22259
120.447458	1	2.22275
122.142373	1	2.22293
123.837288	1	2.22312
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111.998199	1	2.22347
105.694732	1	2.22364
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175.381787	1	2.22448
229.678495	1	2.22486
283.975203	1	2.22519
338.271911	1	2.22546
336.849032	1	2.2257
320.074839	1	2.22593
303.300645	1	2.2262
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273.539902	1	2.2269
285.031709	1	2.22726
296.523516	1	2.22763
308.015322	1	2.228
319.507129	1	2.22838
305.460825	1	2.22872
258.24433	1	2.22899
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163.81134	1	2.22948
116.594845	1	2.22973
97.959213	1	2.22998

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14:18:32.517		26.7	1134
14:18:33.517		35.7	1114
14:18:34.517	196.6	32.5	1271
14:18:35.517	196.4	10.5	1217
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14:18:38.517	196.1	0	1093
14:18:39.517	195.9	11	893
14:18:40.517	195.8	28	782
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14:18:42.517	195.5	31.8	761
14:18:43.517	195.4	40.2	747
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14:18:46.517	195	49.3	760
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14:18:48.517	194.8	48.6	759
14:18:49.517	194.6	49.3	759
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14:18:54.517	194	50.2	760
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14:18:59.517		49.8	761
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14:19:06.517	194	49.4	761
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14:19:09.517	194	49.7	759
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14:19:13.517	194	49.9	760
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14:19:27.517		50	758

21.74421	417.618313	346.2	35.8	0.000361	0.00021	0.00015	24	5.1
18.01657	405.650442	346.2	35.7	0.000286	0.00018	0.00009	24	5.1
14.11413	393.68257	346.2	35.5	0.000223	0.00016	0.00011	24	5.1
16.02175	382.045034	361.079073	34.9	0.000183	0.00015	0.00009	24	5.2
16.29289	371.069159	345.779335	34.1	0.000161	0.00014	0.00007	24	5.2
14.76544	360.093284	345.5	33.4	0.000154	0.00013	0.00009	24	5.2
12.87629	349.117409	345.67177	32.8	0.000146	0.00012	0.00006	24	5.2
12.46883	338.141534	343.685372	32.1	0.000122	0.00012	0.00008	24	5.2
13.33458	328.85182	344.539552	31.2	0.000108	0.00012	0.00006	24	5.3
14.96498	320.179443	345.479594	30.2	0.000099	0.00013	0.00008	24	5.3
13.31482	311.507066	345.013004	29.2	0.00008	0.00011	0.00005	24	5.3
9.54726	302.83469	345.112038	28.2	0.00007	0.0001	0.00004	24	5.3
9.8324	294.453137	323.050624	27	0.000063	0.00009	0.00003	24	5.3
8.68751	290.471482	344.681672	25.2	0.000048	0.00008	0.00002	24	5.3
8.44502	286.489827	344	23.3	0.000039	0.00007	0.00003	24	5.4
11.31937	282.508172	343.60958	20.7	0.00004	0.0001	0.00003	24	5.4
11.58446	278.526517	343.3	17	0.000038	0.0001	0.00004	24	5.4
11.64038	276.480529	314.48978	13.7	0.000038	0.00011	0.00006	24	5.4
12.38363	279.80328	343.751227	10.6	0.000048	0.00011	0.00007	24	5.4
13.35067	283.126032	343.3	7.7	0.000059	0.00012	0.00009	24	5.4
11.98844	286.448783	343.3	5.9	0.00007	0.00011	0.00006	24	5.3
11.88792	289.771534	339.903175	3.8	0.000083	0.00011	0.00008	24	5.3
12.20204	292.458695	331.561128	2	0.000098	0.00011	0.00006	24	5.3
12.01894	294.604426	344	0.7	0.000108	0.00011	0.00007	24	5.3
12.00032	296.750156	344	0	0.000114	0.00011	0.00007	24	5.3
11.89673	298.895887	343.650479	0	0.000119	0.00011	0.00007	24	5.3
11.93782	300.942083	325.167078	0	0.000121	0.00011	0.00008	24	5.3
11.90848	301.579702	344	0	0.000122	0.00011	0.00005	24	5.3
12.06272	302.217322	344.203636	0	0.000122	0.00011	0.00008	24	5.3
12.08634	302.854942	344.288288	0	0.000125	0.00011	0.00006	24	5.3
11.99687	303.492561	344	0	0.000127	0.00011	0.00007	24	5.3
12.01062	303.9	329.456538	0	0.000127	0.00011	0.00006	24	5.3
12.07455	303.9	344.437447	0	0.000128	0.00011	0.00006	24	5.3
12.16	303.9	344.572607	0	0.000129	0.00011	0.00007	24	5.3
12.07591	303.9	344.8	0	0.000129	0.00011	0.00005	24	5.3
12.31775	303.9	341.785118	0	0.00013	0.00011	0.00007	24	5.3
12.16788	303.818316	336.14456	0	0.00013	0.00011	0.00005	24	5.3
12.17444	303.668711	345.332625	0	0.00013	0.00011	0.00006	24	5.3
12.24975	303.519107	345.5	0	0.000132	0.00011	0.00006	24	5.3
12.56649	303.369502	345.5	0	0.000133	0.00011	0.00006	24	5.3
12.39746	303.219897	332.6	0.3	0.000132	0.00011	0.00008	24	5.4
12.30261	303.074139	343.460256	0.3	0.000131	0.00011	0.00005	24	5.4
12.0353	302.928971	345.5	0	0.000131	0.00011	0.00007	24	5.4
12.3	302.783803	346.2	0	0.000132	0.00011	0.00005	24	5.4
12.49579	302.638635	346.2	0	0.000135	0.00012	0.00007	24	5.4
12.529	302.478123	327.762192	0	0.000134	0.00012	0.00006	24	5.4
12.19	301.991968	346.2	0	0.000131	0.00011	0.00005	24	5.4
12.23219	301.505813	346.2	0	0.000131	0.00011	0.00007	24	5.4
12.32986	301.019658	346.2	0	0.000132	0.00011	0.00005	24	5.4
12.18592	300.533502	346.2	0	0.000132	0.00011	0.00007	24	5.4
12.40303	300.107394	328.976141	0	0.000132	0.00011	0.00005	24	5.4
12.28866	299.812471	347	0	0.000133	0.00011	0.00007	24	5.4
12.38796	299.517548	347.468791	0	0.000135	0.00011	0.00005	24	5.4
12.55599	299.222625	347.7	0	0.000135	0.00012	0.00006	24	5.4
12.72074	298.927702	343.166003	0	0.000136	0.00012	0.00008	24	5.4
12.39716	298.645147	335.959004	0	0.000135	0.00012	0.00006	24	5.4
12.45711	298.372038	347.7	0	0.000135	0.00012	0.00008	24	5.4
12.52184	298.098929	347.705392	0	0.000135	0.00012	0.00004	24	5.4
12.47966	297.825819	348.4	0	0.000135	0.00012	0.00006	24	5.4
12.36945	297.55271	337.852449	0	0.000135	0.00012	0.00006	24	5.4
12.36957	297.262197	344.041906	0	0.000135	0.00012	0.00006	24	5.4
12.322	296.967523	348.423667	0	0.000135	0.00011	0.00007	24	5.4
12.5009	296.672848	349.1	0	0.000135	0.00011	0.00005	24	5.3

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102.415711	1	2.23095
100.900887	1	2.23107
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96.780333	1	2.23131
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68.082296	1	2.23155
53.733277	1	2.23165
39.384258	1	2.23174
40.711407	1	2.23182
71.669229	1	2.23189
102.627052	0	2.23199
133.584874	0	2.23209
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184.17141	0	2.23231
193.873868	0	2.23243
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210.698837	1	2.23298
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186.958804	1	2.23441
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190.095567	1	2.23474
191.055912	1	2.23485
191.470077	1	2.23496
191.884241	1	2.23507
192.298405	1	2.23519
192.71257	1	2.23531
193	1	2.23542
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193	1	2.23575
193	1	2.23586
193.141152	1	2.23597
193.346914	1	2.23608
193.552675	1	2.2362
193.758436	1	2.23632
193.964198	1	2.23644
194.347132	1	2.23656
194.767388	1	2.23668
195.187644	1	2.2368
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195.98556	1	2.23704
195.770043	1	2.23715
195.554526	1	2.23726

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14:19:45.517	188.2	72.3	1386
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14:19:47.517	187.7	24.8	983
14:19:48.517	187.4	37.8	818
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14:19:50.517	186.9	85.8	1732
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14:20:11.517	189.5	0	1105
14:20:12.517	189.6	34.2	760
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14:20:27.517	191	50.1	759
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12.64469	295.478181	349.399851	0	0.000135	0.00011	0.00006	24	5.3
12.59251	295.17574	349.8	0	0.000134	0.00011	0.00005	24	5.3
12.39379	294.873299	350.512247	0	0.000135	0.00012	0.00007	24	5.4
12.42375	294.558375	333.228881	0	0.000134	0.00011	0.00005	24	5.4
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12.67792	293.56335	350.164932	0	0.000134	0.00011	0.00007	24	5.4
12.39042	293.273465	323.61746	0	0.000134	0.00012	0.00005	24	5.4
12.43486	293.144654	350.6	0	0.000134	0.00011	0.00006	24	5.4
12.34827	293.015844	350.6	0	0.000134	0.00011	0.00007	24	5.4
12.60748	292.887033	349.869462	0	0.000136	0.00012	0.00006	24	5.4
12.61926	292.758222	346.968793	0.2	0.000138	0.00012	0.00006	24	5.4
12.66855	294.248872	338.20291	0	0.000138	0.00012	0.00005	24	5.4
19.74538	297.075279	350.6	0	0.000201	0.00017	0.00011	24	5.3
26.07262	299.901687	350.6	0.1	0.000302	0.00023	0.00011	24	5.3
22.06734	302.728095	350.902866	0.8	0.000331	0.00022	0.00006	24	5.3
21.16108	305.554503	339.575206	3.4	0.000283	0.00019	0.00005	24	5.3
16.2558	321.757194	346.80609	6.3	0.000235	0.00019	0.00004	24	5.3
29.13919	341.158921	349.8	7	0.000311	0.00027	0.0001	24	5.4
49.12942	360.560649	349.573189	6.7	0.000657	0.00042	0.00014	24	5.2
61.87722	379.962376	349.1	7.3	0.000953	0.00055	0.00024	24	5.2
49.53651	397.163364	369.625846	9.7	0.000837	0.00051	0.00015	24	5.2
35.69957	379.886104	345.137766	13.1	0.000449	0.00033	0.00011	24	5.3
21.01313	362.608845	344	16.1	0.000195	0.00019	0.00009	24	5.4
14.54309	345.331585	343.439091	17.7	0.000099	0.00014	0.00005	24	5.5
11.82412	328.054325	341.666852	17.6	0.000065	0.00012	0.00005	24	5.5
11.38212	323.154541	334.576289	17	0.000052	0.00011	0.00003	24	5.6
14.85345	333.567385	340.533289	15.7	0.00007	0.00014	0.00006	24	5.5
30.88598	343.980229	339.487779	14.8	0.000246	0.00032	0.00011	24	5.5
45.32555	354.393073	338.074651	14.6	0.000529	0.0004	0.00018	24	5.3
34.1545	365.036819	348.328264	14.5	0.000507	0.00032	0.00013	24	5.2
26.84132	378.103707	334.259914	16.1	0.000355	0.00027	0.00008	24	5.2
39.05782	391.170594	332.657217	17.9	0.000455	0.00033	0.00015	24	5.2
52.97977	404.237482	331.188974	18.5	0.000805	0.00047	0.00016	24	5.1
51.2676	417.304369	329.165581	18.7	0.000946	0.00049	0.00025	24	5.1
31.77395	420.88859	370.654615	20.7	0.000424	0.00025	0.00009	24	5.1
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9.47185	349.825683	324.293206	25.2	0.000081	0.0001	0.00003	24	5.4
7.87242	326.138048	322.083355	24.5	0.000055	0.00008	0.00005	24	5.5
6.91397	313.051724	320.963172	23.7	0.000037	0.00007	0.00002	24	5.5
10.79462	305.724138	321.4	22.1	0.000034	0.00008	0.00004	24	5.6
10.98719	298.396552	320.431748	19.3	0.000034	0.0001	0.00005	24	5.6
12.05543	291.068966	319.592151	16	0.000033	0.00011	0.00006	24	5.6
12.04781	283.810674	305.732788	12.9	0.000038	0.00011	0.00006	24	5.6
12.53637	285.144868	318.443562	10.4	0.000047	0.00011	0.00005	24	5.6
12.36908	286.479062	317.589017	8.9	0.000058	0.00012	0.00006	24	5.5
13.28541	287.813256	317.1	7.3	0.000071	0.00012	0.00005	24	5.5
13.22756	289.14745	316.368409	5.9	0.000084	0.00012	0.00007	24	5.5
12.7037	290.464662	306.145573	4.7	0.000095	0.00012	0.00005	24	5.4
12.46864	291.751814	315.026498	3.5	0.000107	0.00012	0.00005	24	5.5
12.35354	293.038966	314.1	2.2	0.000118	0.00012	0.00005	24	5.5
12.68544	294.326117	313.681671	1.2	0.000126	0.00012	0.00005	24	5.5
12.61696	295.523685	305.402473	0.4	0.00013	0.00012	0.00007	24	5.4
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12.46021	296.061988	312.6	0	0.000129	0.00012	0.00007	24	5.4
12.39044	296.331139	311.809936	0	0.00013	0.00012	0.00004	24	5.4
12.46948	296.60029	311.2	0	0.000131	0.00012	0.00005	24	5.4
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12.91032	296.8	310.185376	0.7	0.000137	0.00012	0.00004	24	5.5

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154.41219	1	2.23948
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247.918807	1	2.24735
238.056422	1	2.24747
228.194037	1	2.24759
218.331651	1	2.24771
211.545877	1	2.24783
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206.471882	1	2.24831
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14:21:13.517		76.1	1474
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14:21:17.517		0.3	1330
14:21:18.517		0	1149
14:21:19.517		0	1191
14:21:20.517	195.8	0	1320
14:21:21.517	195.8	0	1280
14:21:22.517	195.8	0	1072
14:21:23.517	195.8	9.8	787
14:21:24.517	195.8	29.3	823
14:21:25.517	195.8	37.9	772
14:21:26.517	195.8	44.7	739
14:21:27.517	195.8	46.1	764
14:21:28.517	195.8	54	996
14:21:29.517	195.8	60.9	1147
14:21:30.517	195.8	47.9	1087
14:21:31.517	195.8	23.3	890
14:21:32.517	195.8	25.9	832
14:21:33.517	195.8	29.7	784

12.50821	296.8	309.8	1.4	0.000135	0.00012	0.00007	24	5.4
12.48619	296.8	309	1.4	0.000134	0.00012	0.00004	24	5.5
12.64498	296.8	308.151798	1	0.000135	0.00012	0.00006	24	5.5
12.53506	296.56801	305.029284	0.6	0.000133	0.00012	0.00004	24	5.5
12.37523	296.120154	308.2	0.5	0.000133	0.00012	0.00005	24	5.5
12.51753	295.672297	308.2	0.3	0.000134	0.00012	0.00006	24	5.5
12.48018	295.22444	307.5	0	0.000133	0.00012	0.00003	24	5.5
12.34252	294.776583	304.404459	0	0.000133	0.00012	0.00006	24	5.5
12.38204	294.328168	305.845238	0	0.000133	0.00012	0.00004	24	5.4
12.45617	293.879637	306.1	0	0.000133	0.00012	0.00006	24	5.5
12.42789	293.431106	306.1	0	0.000133	0.00012	0.00005	24	5.5
12.27453	292.982575	306.1	0	0.000133	0.00012	0.00005	24	5.5
12.46124	292.588097	301.214056	0.2	0.000134	0.00012	0.00005	24	5.5
12.58666	292.285656	305.3	0.3	0.000135	0.00012	0.00005	24	5.5
12.31783	291.983215	305.3	0.7	0.000135	0.00012	0.00007	24	5.5
12.41333	291.680773	305.3	0.8	0.000135	0.00012	0.00004	24	5.5
12.57351	291.378332	302.138602	0.9	0.000136	0.00012	0.00006	24	5.5
12.72884	299.305446	303.515657	1.4	0.000136	0.00012	0.00004	24	5.5
15.17245	310.109018	304.6	1.9	0.000177	0.00016	0.00007	24	5.5
29.01957	320.912589	304.6	3	0.00037	0.0003	0.00014	24	5.5
42.4496	331.716161	305.147867	3.7	0.000558	0.00039	0.00012	24	5.4
48.8529	339.651238	319.704032	5.1	0.000718	0.00045	0.00023	24	5.3
46.64209	339.464409	305.739526	8.2	0.00065	0.0004	0.00007	24	5.3
24.14744	339.277581	306.1	10.9	0.000428	0.00028	0.00008	24	5.3
17.78899	339.090752	306.8	13.9	0.000299	0.00021	0.00004	24	5.4
8.72162	338.903923	318.537311	16	0.000153	0.00012	0.00003	24	5.4
16.88556	357.552753	306.1	16.9	0.000205	0.00019	0.00005	24	5.5
46.65732	376.605617	306.288846	17	0.000443	0.00036	0.0001	24	5.4
66.19087	395.65848	306.355378	16.6	0.000839	0.00051	0.00027	24	5.3
61.78058	414.711344	306.724167	16.8	0.001004	0.00055	0.00016	24	5.3
50.71602	423.589006	345.630949	19.2	0.000929	0.00051	0.00023	24	5.3
36.14243	419.463737	307.5	22.5	0.000659	0.00042	0.00011	24	5.3
28.46766	415.338467	307.5	25.4	0.000413	0.00028	0.00011	24	5.4
26.38361	411.213197	307.5	27.3	0.000384	0.00025	0.00011	24	5.3
30.01141	407.087927	329.553488	28.3	0.000435	0.00027	0.00012	24	5.3
33.53722	399.76441	316.033902	29.2	0.0005	0.00029	0.0002	24	5.3
29.28026	391.685808	306.8	29.9	0.000447	0.00027	0.00012	24	5.3
19.07086	383.607205	306.500389	30.6	0.00031	0.0002	0.00012	24	5.3
19.42099	375.528603	306.1	31.3	0.000268	0.00019	0.00009	24	5.4
18.91449	369.466996	334.622674	31.6	0.00024	0.00018	0.00011	24	5.4
21.4575	370.196236	306.1	31.5	0.00026	0.00021	0.00014	24	5.4
25.542	370.925476	306.1	31.3	0.000299	0.00023	0.00013	24	5.4
28.19931	371.654717	305.704947	31.2	0.000359	0.00025	0.00017	24	5.4
28.22119	372.383957	328.932674	31.5	0.000411	0.00026	0.00013	24	5.3
25.41751	360.766659	304.6	32.1	0.000411	0.00025	0.00015	24	5.4
21.39316	348.871628	304.6	33	0.000349	0.00022	0.0001	24	5.4
13.96896	336.976597	304.6	33.7	0.000192	0.00013	0.00007	24	5.4
10.26772	325.081566	304.0677	34.2	0.000128	0.0001	0.00006	24	5.5
9.499	313.59742	308.934375	33.5	0.000098	0.0001	0.00005	24	5.6
10.688	302.951279	303.51645	31	0.000071	0.0001	0.00007	24	5.7
10.17842	292.305139	303.2	28.1	0.00005	0.0001	0.00005	24	5.7
8.79495	281.658998	302.5	24.9	0.000033	0.00009	0.00007	24	5.8
8.64825	271.012858	295.379883	21.5	0.000029	0.00009	0.00006	24	5.7
11.52	269.959428	296.612215	17.1	0.00003	0.00011	0.00008	24	5.7
12.054	272.692243	301.6	12.8	0.000035	0.00011	0.00008	24	5.7
12.3204	275.425058	301.6	9.8	0.000048	0.00012	0.00009	24	5.8
12.56199	278.157873	301.6	7.6	0.000067	0.00012	0.0001	24	5.7
15.61155	280.890687	294.136027	6.2	0.00011	0.00015	0.00008	24	5.7
17.15729	280.72322	301.6	5.9	0.000147	0.00016	0.00012	24	5.6
11.48272	280.434908	301.395748	6.9	0.00013	0.00012	0.00007	24	5.6
11.07767	280.146596	300.9	8.3	0.00013	0.00011	0.00007	24	5.5
12.15341	279.858283	300.922295	9.4	0.000133	0.00011	0.00006	24	5.5
11.85678	279.835061	294.592308	9.9	0.000125	0.00011	0.00006	24	5.5

206.669408	1	2.24855
207.080592	1	2.24867
207.491776	1	2.24879
207.902961	1	2.24891
207.16521	1	2.24903
206.072552	1	2.24915
204.979895	1	2.24927
203.887238	1	2.24939
202.789332	1	2.24951
201.668758	1	2.24963
200.548185	1	2.24975
199.427611	1	2.24987
198.307037	1	2.24999
197.843095	1	2.25011
197.626972	1	2.25023
197.410849	1	2.25035
197.194727	1	2.25047
196.801205	1	2.25059
194.793173	1	2.25075
192.785141	1	2.25105
190.777108	1	2.25144
188.769076	1	2.25189
178.089491	1	2.25229
162.027077	1	2.25257
145.964663	1	2.25278
129.902249	1	2.2529
136.589059	1	2.25309
208.361488	1	2.25345
280.133917	1	2.25396
351.906346	1	2.25451
423.678775	1	2.25502
395.095269	1	2.25544
321.213221	1	2.25572
247.331173	1	2.25597
173.449125	1	2.25624
103.919463	1	2.25653
102.577181	1	2.2568
101.234899	1	2.257
99.892617	1	2.25719
98.550336	1	2.25737
100.725173	1	2.25758
105.344111	1	2.25781
109.963048	1	2.25806
114.581986	1	2.25832
112.196937	1	2.25857
89.877462	1	2.25879
67.557987	1	2.25892
45.238512	1	2.25902
22.919037	1	2.25912
25.809039	1	2.25922
40.025037	1	2.25932
54.241035	1	2.25941
68.457034	1	2.2595
82.673032	0	2.25961
120.205034	0	2.25972
158.285929	0	2.25984
196.366824	0	2.25996
234.447719	0	2.26011
247.432767	1	2.26027
209.234489	1	2.26039
171.036211	1	2.2605
132.837933	1	2.26061
94.639656	1	2.26072

14:21:34.517	195.8	36.3	776
14:21:35.517	195.8	46.3	737
14:21:36.517	195.8	48.7	766
14:21:37.517	195.8	49.8	766
14:21:38.517	195.8	50.3	761
14:21:39.517	195.8	50.8	758
14:21:40.517		53	742
14:21:41.517		48.4	772
14:21:42.517		50.2	759
14:21:43.517		53.5	751
14:21:44.517		49.6	763
14:21:45.517		66.3	870
14:21:46.517		58.1	789
14:21:47.517		48.8	732
14:21:48.517	196.3	51.1	747
14:21:49.517	196.4	51.8	762
14:21:50.517	196.5	55.4	849
14:21:51.517	196.5	52.8	905
14:21:52.517	196.6	67.3	1197
14:21:53.517	196.7	65.5	1448
14:21:54.517	196.7	53.6	1548
14:21:55.517	196.8	49.6	1133
14:21:56.517	196.9	48.2	983
14:21:57.517	196.9	51	965
14:21:58.517	197	50.6	959
14:21:59.517	197.1	50.2	958
14:22:00.517	197.1	50.7	959
14:22:01.517	197.2	49.9	959
14:22:02.517	197.2	52.6	966
14:22:03.517	197.3	57.1	984
14:22:04.517	197.4	56.8	997
14:22:05.517	197.4	56.5	1017
14:22:06.517	197.5	56.5	1028
14:22:07.517	197.6	54.5	1043
14:22:08.517		54.3	1074
14:22:09.517		53.1	1099
14:22:10.517		51.7	1114
14:22:11.517		51.2	1135
14:22:12.517		45	1092
14:22:13.517		37.9	1027
14:22:14.517		38.5	955
14:22:15.517		41.7	963
14:22:16.517	194.8	48.8	993
14:22:17.517	194.5	54.7	1035
14:22:18.517	194.2	52.9	1097
14:22:19.517	193.9	51.6	1140
14:22:20.517	193.5	50.2	1152
14:22:21.517	193.2	48.1	1144
14:22:22.517	192.9	46.3	1166
14:22:23.517	192.6	46.4	1197
14:22:24.517	192.2	48.2	1216
14:22:25.517	191.9	48.2	1246
14:22:26.517	191.6	46.5	1259
14:22:27.517	191.3	44.8	1255
14:22:28.517	191	40.7	1243
14:22:29.517	190.6	29.3	1102
14:22:30.517	190.3	28.3	991
14:22:31.517	190	31.9	952
14:22:32.517	189.7	33.6	895
14:22:33.517	189.3	33.3	803
14:22:34.517	189	36	789
14:22:35.517	188.7	38.3	791
14:22:36.517		38.8	775

12.20966	280.134531	300.9	9.6	0.000112	0.00012	0.00007	24	5.6
12.84539	280.434001	300.9	8.9	0.000103	0.00012	0.00005	24	5.6
13.4608	280.733472	300.516469	7.4	0.000104	0.00013	0.00008	24	5.6
13.02957	281.200703	291.790909	5.8	0.000107	0.00013	0.00005	24	5.6
12.82227	283.02528	300.2	3.9	0.000113	0.00012	0.00006	24	5.6
12.82871	284.849857	300.2	2	0.000122	0.00012	0.00005	24	5.6
12.86	286.674434	300.2	1.3	0.000134	0.00013	0.00005	24	5.6
14.03958	288.499011	299.821845	0.5	0.000142	0.00013	0.00007	24	5.5
13.01603	289.993068	298.066752	0.3	0.00014	0.00012	0.00005	24	5.5
13.5112	291.228483	300.9	1	0.000145	0.00013	0.00007	24	5.5
14.25571	292.463898	300.283582	1.4	0.000149	0.00013	0.00005	24	5.5
16.37248	293.699314	300.9	1.2	0.00015	0.00013	0.00006	24	5.5
12.18756	294.64102	297.873712	1.2	0.000137	0.00012	0.00005	24	5.5
12.29231	294.330599	300.9	1.3	0.000138	0.00012	0.00005	24	5.5
12.60651	294.020177	300.9	2.2	0.000139	0.00012	0.00005	24	5.5
13.16271	293.709756	300.9	2.8	0.000146	0.00013	0.00004	24	5.5
16.24593	293.399335	299.748407	2.6	0.000161	0.00014	0.00007	24	5.6
16.62478	295.494499	299.812203	2.7	0.000183	0.00016	0.00005	24	5.6
22.23777	298.721702	301.470954	3.3	0.000258	0.00022	0.00011	24	5.6
21.58039	301.948906	302.5	3.8	0.000275	0.00022	0.00008	24	5.6
22.29943	305.17611	302.809509	4.6	0.000292	0.00021	0.00007	24	5.5
15.5152	307.963295	305.672289	6.3	0.000249	0.00018	0.0001	24	5.5
13.13709	304.206069	303.810237	7.7	0.000196	0.00015	0.00007	24	5.6
12.34961	300.448844	303.398663	8.2	0.000145	0.00012	0.00008	24	5.6
12.70973	296.691618	303.9	8.5	0.000138	0.00012	0.00007	24	5.6
13.13476	292.934393	304.461443	8.4	0.000136	0.00013	0.00007	24	5.6
13.59458	290	297.837703	8.4	0.000142	0.00013	0.00007	24	5.6
14.18068	290	304.6	8.3	0.000148	0.00013	0.00006	24	5.6
14.7061	290	304.890755	8.3	0.000153	0.00014	0.00005	24	5.6
15.19911	290	305.3	8.3	0.000159	0.00014	0.00003	24	5.6
15.13594	290	305.3	8.2	0.000162	0.00015	0.00005	24	5.6
15.01097	290.120269	300.528437	8.3	0.000164	0.00015	0.00002	24	5.6
14.8883	290.407308	305.847774	8.4	0.000164	0.00015	0.00007	24	5.6
14.89352	290.694348	306.782431	8.5	0.000169	0.00015	0.00007	24	5.6
15.17617	290.981387	307.112273	8.7	0.000169	0.00015	0.00006	24	5.6
15.18561	291.268426	302.393709	8.9	0.000171	0.00015	0.00008	24	5.6
15.63021	289.643836	306.409499	9	0.00018	0.00015	0.00006	24	5.6
15.53518	287.782977	307.601031	9.3	0.000184	0.00015	0.00009	24	5.6
13.60668	285.922119	308.2	9.6	0.000165	0.00013	0.00007	24	5.6
12.00159	284.06126	308.2	9.7	0.000153	0.00012	0.00008	24	5.6
12.15419	282.304525	295.767008	9.8	0.000145	0.00012	0.00006	24	5.6
12.938	281.090397	308.475	9.6	0.000146	0.00013	0.00008	24	5.6
13.45982	279.876269	309	9.2	0.000137	0.00013	0.0001	24	5.6
15.46628	278.662141	309	8.7	0.000136	0.00014	0.00007	24	5.6
14.5703	277.448013	306.143722	8.6	0.000139	0.00014	0.00008	24	5.6
15.28306	277.263906	302.893814	8.9	0.000148	0.00014	0.00005	24	5.6
15.41844	277.682141	309.8	9.3	0.000159	0.00015	0.00007	24	5.5
15.21272	278.100376	309.8	9.7	0.000166	0.00015	0.00006	24	5.5
15.26839	278.518611	309.8	9.8	0.000171	0.00015	0.00006	24	5.5
15.59592	278.936847	301.161712	10	0.000177	0.00015	0.00009	24	5.5
16.13452	278.362781	309.8	10.1	0.000179	0.00016	0.00006	24	5.6
15.85297	277.61223	309.8	10.4	0.000181	0.00016	0.0001	24	5.7
16.0807	276.861678	309.8	10.6	0.000181	0.00016	0.00007	24	5.7
15.92329	276.111126	310.351582	10.8	0.000178	0.00016	0.00009	24	5.7
14.92542	273.93034	296.634732	11.2	0.000167	0.00015	0.00007	24	5.7
13.17873	268.696298	309.8	11.3	0.000144	0.00013	0.00006	24	5.7
11.441	263.462255	309.8	11.3	0.000123	0.00012	0.00007	24	5.7
11.44462	258.228213	309.8	11.1	0.000111	0.00012	0.00005	24	5.8
12.28119	252.99417	305.175862	10.5	0.000099	0.00012	0.00007	24	5.8
12.3126	250.631872	299.953731	9.8	0.000093	0.00012	0.00004	24	5.8
12.10959	250.037159	309	9	0.000087	0.00012	0.00005	24	5.8
12.10623	249.442445	308.2	8.3	0.000085	0.00012	0.00004	24	5.8
12.05757	248.847731	308.2	7.7	0.000085	0.00012	0.00004	24	5.8

117.40724	1	2.26084
155.41629	1	2.26096
193.425339	1	2.26109
231.434389	1	2.26122
253.917142	1	2.26134
251.067514	1	2.26146
248.217887	1	2.26159
245.36826	1	2.26172
242.518632	1	2.26184
245.190913	1	2.26197
249.091785	1	2.2621
252.992657	1	2.26223
256.893529	1	2.26235
255.012447	1	2.26247
246.343854	1	2.26259
237.675261	1	2.26272
229.006668	1	2.26286
220.338075	1	2.26302
192.46003	1	2.26324
163.802413	1	2.26346
135.144796	1	2.26367
106.487179	1	2.26385
88.850475	1	2.264
94.633209	1	2.26412
100.415944	1	2.26424
106.198678	1	2.26437
111.981413	1	2.2645
117.034475	1	2.26463
121.2907	1	2.26477
125.546925	1	2.26491
129.80315	1	2.26506
134.059374	1	2.26521
130.951494	1	2.26536
125.754439	1	2.26551
120.557384	1	2.26566
115.360329	1	2.26581
109.9595	1	2.26596
103.496769	1	2.26611
97.034037	1	2.26624
90.571305	1	2.26636
84.108574	1	2.26648
86.608386	1	2.26661
97.414523	1	2.26674
108.220661	1	2.26688
119.026799	1	2.26702
129.832937	1	2.26716
122.791997	1	2.26731
113.590199	1	2.26746
104.388401	1	2.26761
95.186604	1	2.26776
87.903524	1	2.26792
87.462996	1	2.26808
87.022467	1	2.26824
86.581938	1	2.2684
86.14141	1	2.26855
89.620947	1	2.26868
94.953712	1	2.2688
100.286476	1	2.26892
105.619241	1	2.26904
110.952005	1	2.26916
124.484449	1	2.26928
138.091361	1	2.2694
151.698272	1	2.26952

14:22:37.517		41.7	750
14:22:38.517		44.4	754
14:22:39.517		46.1	756
14:22:40.517		48.1	756
14:22:41.517		53.1	785
14:22:42.517		48.4	771
14:22:43.517		48.8	741
14:22:44.517	189.7	52.5	739
14:22:45.517	189.8	50.1	792
14:22:46.517	190	50.4	763
14:22:47.517	190.1	48.8	761
14:22:48.517	190.2	50.5	758
14:22:49.517	190.4	50	760
14:22:50.517	190.5	49.3	761
14:22:51.517	190.6	49.6	760
14:22:52.517	190.7	50	757
14:22:53.517	190.9	50.4	758
14:22:54.517	191	49.5	756
14:22:55.517	191.1	49.8	760
14:22:56.517	191.3	49.8	757
14:22:57.517	191.4	51.3	753
14:22:58.517	191.5	48.7	758
14:22:59.517	191.6	49.8	760
14:23:00.517	191.8	50.8	760
14:23:01.517	191.9	50.2	760
14:23:02.517	192	50.2	759
14:23:03.517	192.2	49.8	759
14:23:04.517		49.7	759
14:23:05.517		49.8	761
14:23:06.517		49.6	760
14:23:07.517		50	760
14:23:08.517		49.8	759
14:23:09.517		50.2	758
14:23:10.517		50.5	759
14:23:11.517	192.7	49.8	759
14:23:12.517	192.8	50.2	759
14:23:13.517	192.8	50.1	759
14:23:14.517	192.9	50	758
14:23:15.517	193	50.6	760
14:23:16.517	193	50.2	760
14:23:17.517	193.1	50.2	760
14:23:18.517	193.2	49.3	760
14:23:19.517	193.2	49.9	759
14:23:20.517	193.3	50.4	759
14:23:21.517	193.4	49.9	760
14:23:22.517	193.4	49.8	761
14:23:23.517	193.5	50.8	759
14:23:24.517	193.6	50.3	759
14:23:25.517	193.6	49.7	758
14:23:26.517	193.7	50.1	761
14:23:27.517	193.8	50.3	761
14:23:28.517	193.8	49.7	759
14:23:29.517	193.9	50	758
14:23:30.517	194	49.5	759
14:23:31.517		50.6	760
14:23:32.517		50	759
14:23:33.517		48.9	760
14:23:34.517		49.8	761
14:23:35.517		50.2	759
14:23:36.517		50.2	759
14:23:37.517		49.9	760
14:23:38.517	194.5	50.1	761
14:23:39.517	194.6	49.7	760

11.70098	248.436408	281.728861	7.4	0.000084	0.00011	0.00004	24	5.8
12.34519	250.163087	307.5	7	0.000091	0.00012	0.00003	24	5.8
12.06562	251.889766	307.5	6.7	0.000096	0.00012	0.00005	24	5.8
12.01119	253.616446	307.10552	6.6	0.0001	0.00012	0.00003	24	5.7
13.13953	255.343125	306.8	6.7	0.00011	0.00012	0.00005	24	5.8
11.93175	257.031002	287.629039	6.6	0.000112	0.00012	0.00004	24	5.8
11.2277	258.640099	306.491057	6.4	0.000111	0.00011	0.00004	24	5.7
12.03001	260.249195	305.593774	6.4	0.000125	0.00012	0.00004	24	5.7
14.53653	261.858292	305.3	6.3	0.000137	0.00013	0.00004	24	5.6
13.24048	263.467389	298.396286	5.7	0.000137	0.00013	0.00006	24	5.6
13.186	264.779886	297.763212	4.5	0.000138	0.00013	0.00003	24	5.6
12.84983	265.945634	304.048936	3.3	0.000138	0.00013	0.00005	24	5.6
13.03233	267.111382	303.789474	1.6	0.00014	0.00013	0.00003	24	5.6
13.08406	268.27713	303.2	0.6	0.000139	0.00013	0.00003	24	5.6
12.75388	269.442878	291.21368	0.5	0.000137	0.00013	0.00005	24	5.6
12.7144	269.771	302.393548	0	0.000135	0.00012	0.00003	24	5.6
12.55284	270.055962	301.6	0	0.000135	0.00012	0.00005	24	5.6
12.56913	270.340925	301.6	0	0.000136	0.00012	0.00002	24	5.6
12.87564	270.625888	301.013647	0	0.000138	0.00012	0.00004	24	5.6
12.82608	270.907049	289.531565	0	0.000139	0.00012	0.00004	24	5.6
13.06723	271.18224	299.875502	0.3	0.000139	0.00012	0.00005	24	5.6
13.14213	271.45743	299.5	0.5	0.000143	0.00013	0.00006	24	5.6
12.94898	271.732621	298.8	0.7	0.00014	0.00013	0.00003	24	5.6
12.75932	272.007811	294.38299	0.4	0.000139	0.00013	0.00005	24	5.7
12.75372	272.1	294.70177	0	0.000139	0.00013	0.00004	24	5.7
12.74225	272.1	298.2	0	0.000138	0.00013	0.00005	24	5.7
12.81409	272.1	297.294605	0	0.000138	0.00013	0.00004	24	5.7
12.80514	272.1	296.8	0	0.00014	0.00013	0.00003	24	5.7
12.90751	272.109234	285.802599	0	0.000139	0.00013	0.00005	24	5.7
12.95533	272.25817	295.656606	0	0.00014	0.00013	0.00002	24	5.7
12.77074	272.407106	296.1	0	0.00014	0.00013	0.00005	24	5.7
12.8	272.556043	295.622165	0	0.000139	0.00013	0.00003	24	5.7
12.72321	272.704979	294.767826	0	0.000139	0.00013	0.00004	24	5.7
12.51444	272.854157	286.216492	0	0.000139	0.00013	0.00002	24	5.8
12.72328	273.003761	294	0	0.000138	0.00013	0.00001	24	5.8
12.89594	273.153366	293.467322	0	0.000136	0.00013	0.00002	24	5.8
12.93649	273.302971	293.240785	0	0.000138	0.00013	0.00001	24	5.8
12.68447	273.452575	289.401507	0	0.000138	0.00013	0.00002	24	5.8
12.85832	273.5	289.613768	0	0.000138	0.00013	0.00002	24	5.8
12.72974	273.5	291.374565	0	0.000138	0.00013	0.00005	24	5.8
12.7373	273.5	291.3	0	0.000138	0.00013	0.00003	24	5.8
12.69529	273.5	290.920283	0	0.000139	0.00013	0.00004	24	5.8
12.74	273.493316	283.432055	0	0.000138	0.00013	0.00004	24	5.8
12.73717	273.337864	290.459765	0	0.000138	0.00013	0.00003	24	5.8
13.04378	273.182412	289.660241	0	0.000141	0.00013	0.00005	24	5.7
12.94517	273.02696	289.256342	0	0.000141	0.00013	0.00004	24	5.7
12.73589	272.871508	287.380464	0	0.000138	0.00013	0.00005	24	5.7
12.80678	272.71248	285.139381	0	0.000138	0.00013	0.00004	24	5.7
12.66065	272.550405	288.6	0	0.000139	0.00013	0.00005	24	5.7
12.83863	272.388331	287.8	0	0.000138	0.00013	0.00006	24	5.7
12.88834	272.226256	287.394118	0	0.000138	0.00013	0.00004	24	5.7
12.73689	272.1	280.292188	0	0.000138	0.00013	0.00007	24	5.7
12.74925	272.1	286.867876	0	0.000139	0.00013	0.00004	24	5.7
12.86916	272.1	286.606422	0	0.000139	0.00013	0.00006	24	5.7
12.83252	272.1	286.302276	0	0.000139	0.00013	0.00005	24	5.7
12.91038	272.1	281.533691	0	0.000141	0.00013	0.00006	24	5.8
13.04472	272.1	285.770896	0	0.000141	0.00013	0.00005	24	5.8
12.94667	272.1	284.5	0	0.000139	0.00013	0.00004	24	5.8
12.61209	272.1	284.5	0	0.000137	0.00013	0.00006	24	5.8
12.67868	272.1	283.887966	0	0.000138	0.00013	0.00004	24	5.8
12.63	272.1	280.632643	0	0.000137	0.00013	0.00006	24	5.8
12.79254	272.1	283.8	0	0.000138	0.00013	0.00004	24	5.8
12.90475	272.1	283.1	0	0.000138	0.00013	0.00005	24	5.8

165.305184	1	2.26963
175.701007	1	2.26975
180.412936	1	2.26987
185.124866	1	2.26999
189.836796	1	2.27011
194.548726	1	2.27023
200.519065	1	2.27034
207.049505	1	2.27046
213.579945	1	2.27059
220.110386	1	2.27072
226.640826	1	2.27085
226.38835	1	2.27098
225.7411	1	2.27111
225.093851	1	2.27124
224.446602	1	2.27137
223.13649	1	2.27149
220.350975	1	2.27161
217.56546	1	2.27173
214.779944	1	2.27185
211.994429	1	2.27197
212.112457	1	2.27209
213.842561	1	2.27222
215.572664	1	2.27235
217.302768	1	2.27248
218.975093	1	2.27261
217.664191	1	2.27274
216.353288	1	2.27287
215.042386	1	2.273
213.731484	1	2.27313
213.092045	1	2.27326
213.300292	1	2.27339
213.508538	1	2.27352
213.716785	1	2.27365
213.925031	1	2.27378
213.584416	1	2.27391
212.935065	1	2.27404
212.285714	1	2.27417
211.636364	1	2.2743
210.991306	1	2.27443
210.556618	1	2.27456
210.12193	1	2.27469
209.687242	1	2.27482
209.252554	1	2.27495
209.27822	1	2.27508
209.942231	1	2.27521
210.606242	1	2.27534
211.270252	1	2.27547
211.934263	1	2.2756
211.790806	1	2.27573
211.558625	1	2.27586
211.326445	1	2.27599
211.094265	1	2.27612
211	1	2.27625
211	1	2.27638
211	1	2.27651
211	1	2.27664
211.105192	1	2.27677
211.558603	1	2.2769
212.012015	1	2.27703
212.465427	1	2.27716
212.918839	1	2.27729
212.636726	1	2.27742
212.194248	1	2.27755

14:23:40.517	194.6	49.8	760
14:23:41.517	194.7	50.4	759
14:23:42.517	194.7	50.3	761
14:23:43.517	194.8	49.8	760
14:23:44.517	194.9	49.8	759
14:23:45.517	194.9	50.2	761
14:23:46.517	195	50.2	759
14:23:47.517	195.1	50.2	759
14:23:48.517	195.1	49.9	758
14:23:49.517	195.2	50	759
14:23:50.517	195.3	49.8	760
14:23:51.517	195.3	49.9	760
14:23:52.517	195.4	50.6	759
14:23:53.517	195.5	50.3	758
14:23:54.517	195.5	50.8	759
14:23:55.517	195.6	51.9	745
14:23:56.517	195.7	52.2	756
14:23:57.517	195.7	49.5	764
14:23:58.517		49.3	762
14:23:59.517		60.2	829
14:24:00.517		74.7	1218
14:24:01.517		50.1	1390
14:24:02.517		10.8	947
14:24:03.517		35.8	809
14:24:04.517		39.4	749
14:24:05.517		49.2	741
14:24:06.517	195.8	52.7	758
14:24:07.517	195.8	49.4	777
14:24:08.517	195.8	54.3	747
14:24:09.517	195.8	51.8	762
14:24:10.517	195.8	55.9	745
14:24:11.517	195.8	62.1	769
14:24:12.517	195.8	58.9	778
14:24:13.517	195.8	59.2	772
14:24:14.517	195.8	59.2	760
14:24:15.517	195.8	54.9	732
14:24:16.517	195.8	61.4	739
14:24:17.517	195.8	59	760
14:24:18.517	195.8	57.1	762
14:24:19.517	195.8	57.6	764
14:24:20.517	195.8	58.5	760
14:24:21.517	195.8	59.8	755
14:24:22.517	195.8	57.6	761
14:24:23.517	195.8	58	762
14:24:24.517	195.8	60.1	756
14:24:25.517	195.8	58.8	756
14:24:26.517		59.4	759
14:24:27.517		58.2	757
14:24:28.517		57.2	757
14:24:29.517		58.6	753
14:24:30.517		59.6	756
14:24:31.517		58.2	762
14:24:32.517		58.3	760

12.83	272.1	282.885806	0	0.000138	0.00013	0.00005	24	5.8
12.76653	272.1	279.218367	0	0.000139	0.00013	0.00004	24	5.7
12.87481	271.973905	282.5	0	0.000139	0.00013	0.00006	24	5.8
12.94	271.838465	282.140106	0	0.000139	0.00013	0.00004	24	5.8
12.62985	271.703025	281.083535	0	0.000138	0.00013	0.00005	24	5.8
12.89284	271.567585	281	0	0.000138	0.00013	0.00004	24	5.8
12.565	271.5	278.329268	0	0.000138	0.00013	0.00005	24	5.8
12.68134	271.5	281	0	0.000139	0.00013	0.00006	24	5.8
12.55292	271.5	279.799481	0	0.000138	0.00013	0.00004	24	5.8
12.814	271.5	279.543954	0	0.000139	0.00013	0.00007	24	5.8
12.92684	271.5	277.514795	0	0.000141	0.00013	0.00004	24	5.8
12.94922	271.597704	277.950147	0	0.000141	0.00013	0.00006	24	5.8
12.73904	271.725255	278.3	0	0.00014	0.00013	0.00004	24	5.8
12.63836	271.852806	278.003953	0	0.000139	0.00013	0.00005	24	5.8
12.6932	271.980357	277.6	0	0.000138	0.00012	0.00005	24	5.7
12.5111	272.155641	275.226197	0	0.000141	0.00013	0.00004	24	5.7
14.45303	273.053077	277.458786	0.2	0.000151	0.00014	0.00006	24	5.7
14.1982	273.950513	276.750127	0.3	0.000152	0.00014	0.00004	24	5.7
13.19531	274.847949	276.3	0.6	0.000149	0.00013	0.00007	24	5.8
15.17992	275.745385	276.3	0.8	0.000182	0.00016	0.00006	24	5.8
23.29734	276.175163	276.085942	1.4	0.000327	0.00029	0.00011	24	5.8
26.84218	275.848366	275.156124	2.3	0.00035	0.00026	0.00009	24	5.7
15.03632	275.521569	274.8	3.6	0.000266	0.0002	0.00008	24	5.7
15.21448	275.194771	274.2	6.1	0.000186	0.00015	0.00009	24	5.7
11.96775	274.867974	274.322897	7.1	0.000127	0.00012	0.00004	24	5.7
11.96249	274.57748	273.682895	6.9	0.000106	0.00012	0.00006	24	5.8
13.28682	274.29652	273.489048	6.8	0.000107	0.00013	0.00006	24	5.8
13.5543	274.015561	272.8	6.3	0.000113	0.00013	0.00007	24	5.8
12.73781	273.734601	272.8	5.3	0.000119	0.00013	0.00006	24	5.8
14.41055	273.696983	273.147854	3.4	0.000125	0.00012	0.00004	24	5.7
10.0518	274.890818	271.5	1.9	0.000121	0.00011	0.00005	24	5.7
12.24297	276.084654	271.5	0.7	0.000131	0.00012	0.00003	24	5.7
11.80349	277.278489	271.5	0	0.000136	0.00012	0.00005	24	5.7
12.24217	278.472325	271.601857	0.5	0.00014	0.00012	0.00004	24	5.7
11.70301	279.153556	272.953959	0.8	0.000145	0.00011	0.00005	24	5.7
10.21983	279.428747	270.332078	1	0.000144	0.00011	0.00005	24	5.6
10.86141	279.703937	270.1	1.3	0.000147	0.00011	0.00003	24	5.6
11.59611	279.979128	269.934792	1.1	0.000152	0.00012	0.00006	24	5.7
10.87407	280.254318	272.175	0.5	0.000144	0.00011	0.00002	24	5.7
10.859	280.064407	269.788608	0.1	0.000141	0.00011	0.00003	24	5.6
10.64419	279.781921	269.384187	1.3	0.000136	0.0001	0.00002	24	5.6
10.52612	279.499435	268.8	1.1	0.000137	0.0001	0.00002	24	5.7
10.77599	279.216949	268.253348	0.1	0.000141	0.00011	0.00003	24	5.7
10.93732	279.034039	273.012857	1.3	0.000139	0.00011	0.00003	24	5.7
10.9039	279.180759	268	1.5	0.000141	0.00011	0.00006	24	5.6
11.63366	279.327479	268	1.1	0.000149	0.00011	0.00003	24	5.6
11.72347	279.474198	267.334103	0.6	0.000153	0.00011	0.00006	24	5.6
11.07451	279.620918	268.168056	0	0.00015	0.00011	0.00004	24	5.6
11.05881	279.759935	271.156571	0	0.000151	0.00011	0.00005	24	5.6
10.71966	279.889946	266.892162	0	0.000148	0.00011	0.00005	24	5.6
11.46167	280.019957	266.7	0	0.00015	0.00011	0.00003	24	5.6
11.14147	280.149967	266.7	0	0.000147	0.00011	0.00005	24	5.6
11.07934	280.279978	270.440489	0	0.000146	0.00011	0.00003	24	5.6

211.75177	1	2.27768
211.309292	1	2.27781
211	1	2.27794
211	1	2.27807
211	1	2.2782
211	1	2.27833
211	1	2.27846
210.66445	1	2.27859
210.235357	1	2.27872
209.806265	1	2.27885
209.377172	1	2.27898
209.051489	1	2.27911
209.477021	1	2.27924
209.902553	1	2.27937
210.328085	1	2.27949
210.753617	1	2.27962
217.628511	1	2.27976
233.373191	1	2.2799
249.117872	1	2.28003
264.862553	1	2.28019
280.607234	1	2.28048
280.509235	0	2.28074
274.280713	0	2.28094
268.052191	0	2.28109
261.823668	0	2.28121
255.747464	0	2.28133
251.862292	0	2.28146
247.977121	0	2.28159
244.091949	0	2.28172
240.206777	0	2.28184
230.58087	0	2.28195
213.406957	0	2.28207
196.233043	0	2.28219
179.05913	0	2.28231
161.885217	0	2.28242
154.899721	0	2.28253
149.971502	0	2.28264
145.043283	0	2.28276
140.115063	0	2.28287
135.174641	0	2.28298
130.172466	0	2.28308
125.170291	0	2.28318
120.168117	0	2.28329
115.165942	0	2.2834
114.165468	0	2.28351
116.220966	0	2.28362
118.276465	0	2.28373
120.331963	0	2.28384
122.387461	0	2.28395
123.159545	0	2.28406
123.386818	0	2.28417
123.614091	0	2.28428
123.841364	0	2.28439