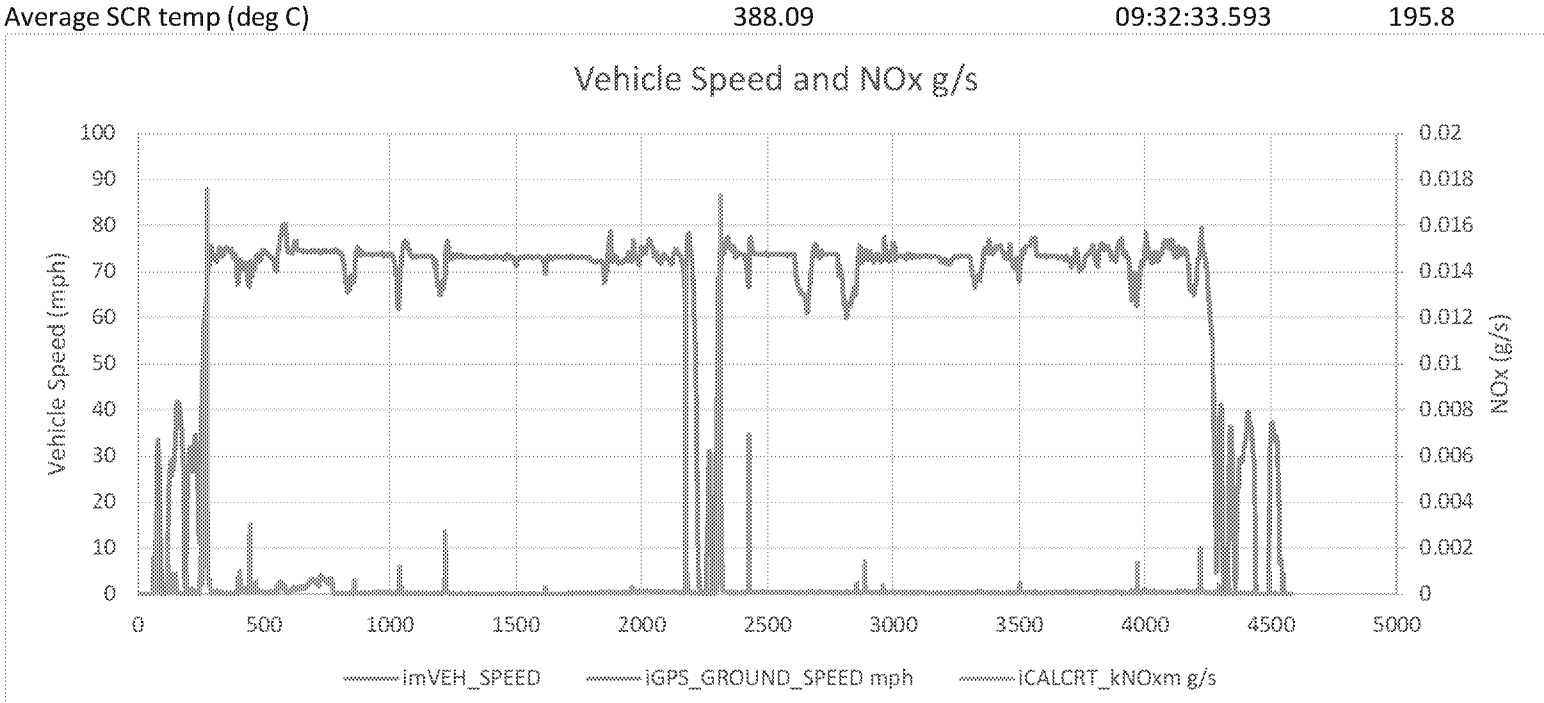
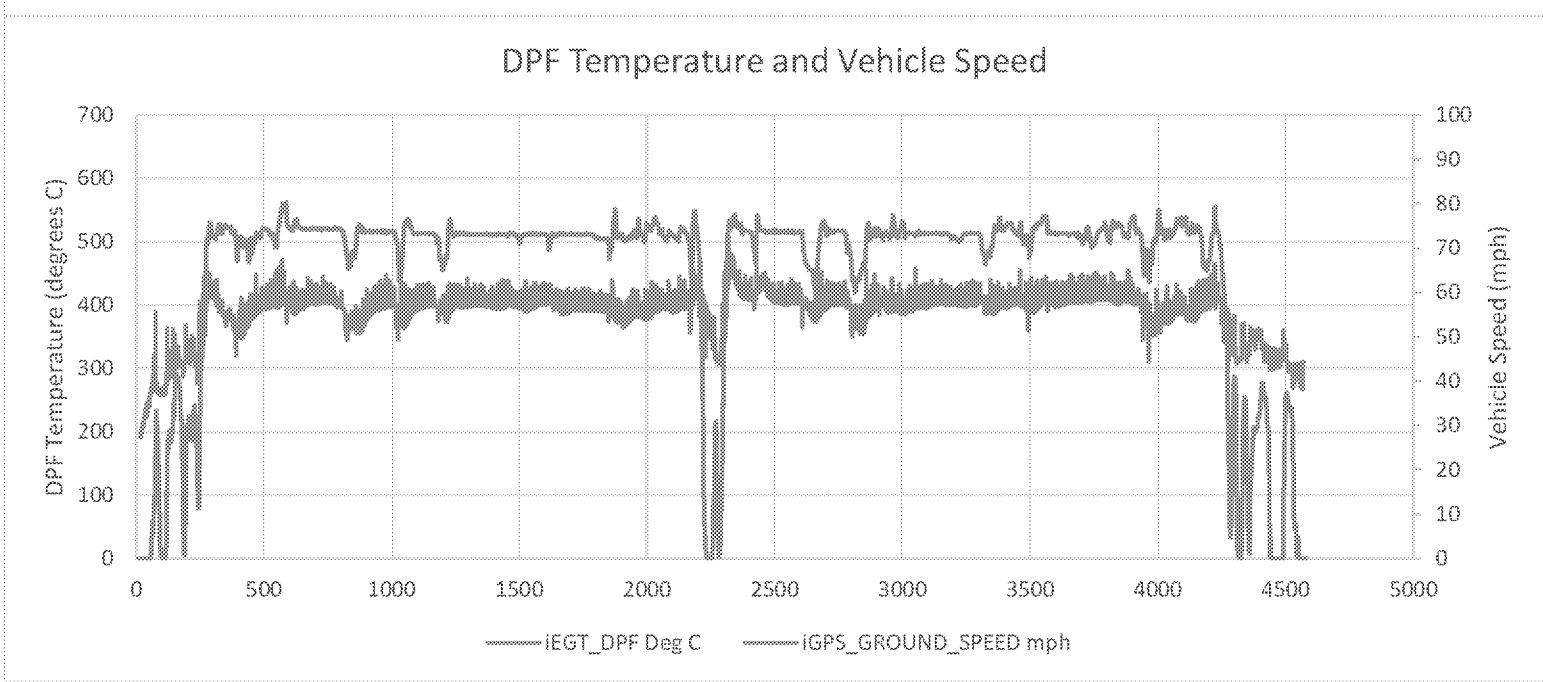
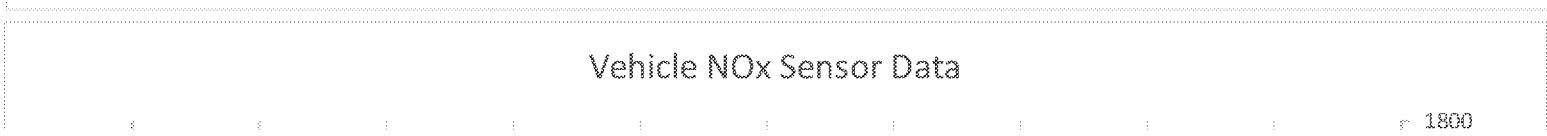
Test Duration (s)	4584
Calculated Test Duration (s)	4584
Average Ambient Temperature (deg C)	18.36
Calculated Average Ambient Temperature (deg C)	18.37
Total Distance Traveled (mi)	79.113
Calculated Total Distance Traveled (mi)	82.358
Total Fuel Consumed (gal)	2.967
Calculated Total Fuel Consumed (gal)	2.967
Overall Fuel Economy (mpg)	26.66
Calculated Overall Fuel Economy (mpg)	27.76
kNOx (g) (corrected NOx)	0.73
Calculated kNOx (g) (corrected NOx)	0.73
kNOx (g/mi) (corrected NOx)	0.009
Calculated kNOx (g/mi) (corrected NOx)	0.009
THC (g)	0.107
Calculated THC (g)	0.106
THC (g/mi)	0.001
Calculated THC (g/mi)	0.001
1st Measured ECT (deg F)	195.8
Test Start Time	09:32:12.593
Test Stop Time	10:52:38.593
Average Speed (mph)	64.68
Regeneration Event?	Yes
Average SCR temp (deg C)	388.09

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
09:32:12.593			
09:32:13.593			
09:32:14.593			
09:32:15.593			
09:32:16.593			
09:32:17.593			
09:32:18.593			
09:32:19.593			
09:32:20.593			
09:32:21.593			
09:32:22.593			
09:32:23.593			
09:32:24.593			
09:32:25.593			
09:32:26.593			
09:32:27.593			
09:32:28.593		0	162
09:32:29.593		6.3	375
09:32:30.593		18	804
09:32:31.593		19.2	763
09:32:32.593		29.2	754
09:32:33.593	195.8	36.9	755
		38.9	763
		42.9	758
		45.5	759
		42.7	764
		41	760
		40.8	760
		41.9	757
		43.5	757
		43.7	760
		42.4	759
		43.2	757
		46.1	752
		48.9	751
		48.1	758
		50.1	754
		51	759
		50.8	760
		51.5	756
		52.9	756
		55.3	756
		55.3	757
		55.5	758
		56.1	760
		55.8	758
		56.2	760
		56.5	760
		56.9	759
		56.9	758
		55.4	760
		61.6	749
		62.5	766
		62.8	765
		64.4	762
		67.6	888
		72.1	1090
		83.6	1339
		84.7	1531
		41.9	1449
		32.1	812

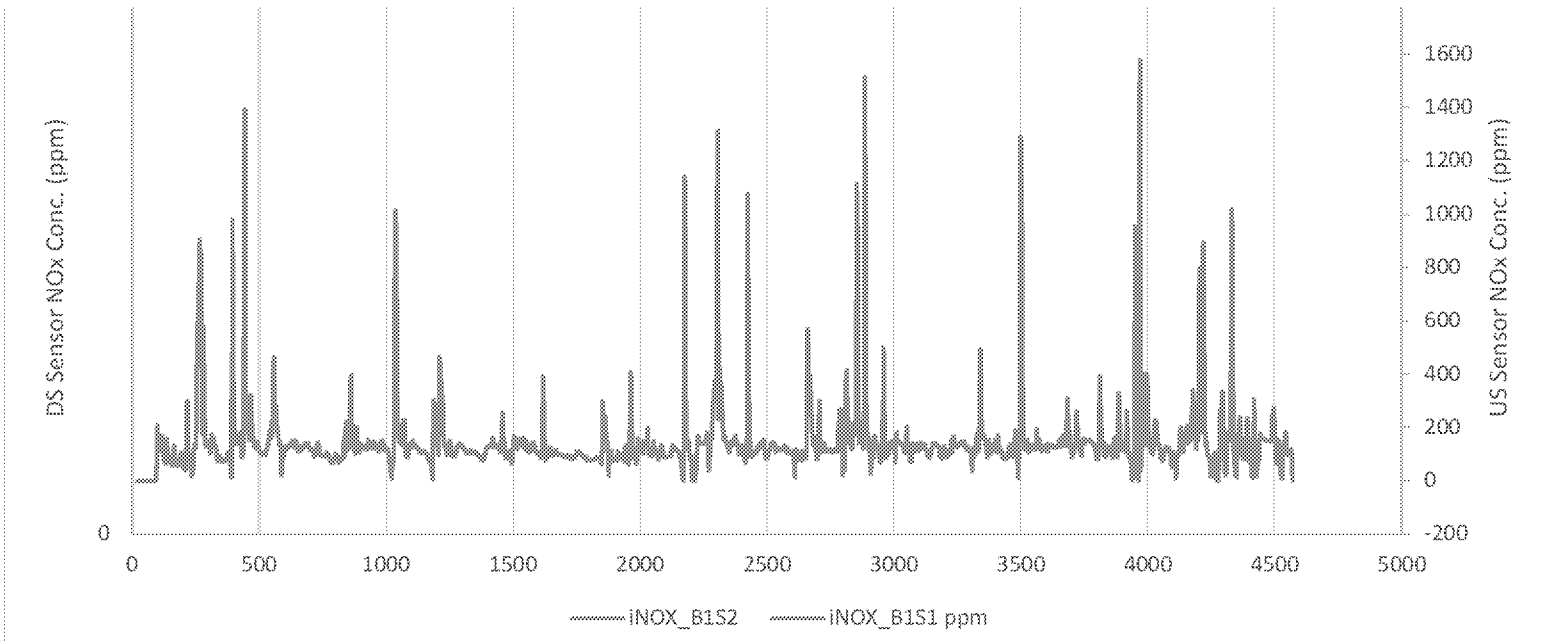


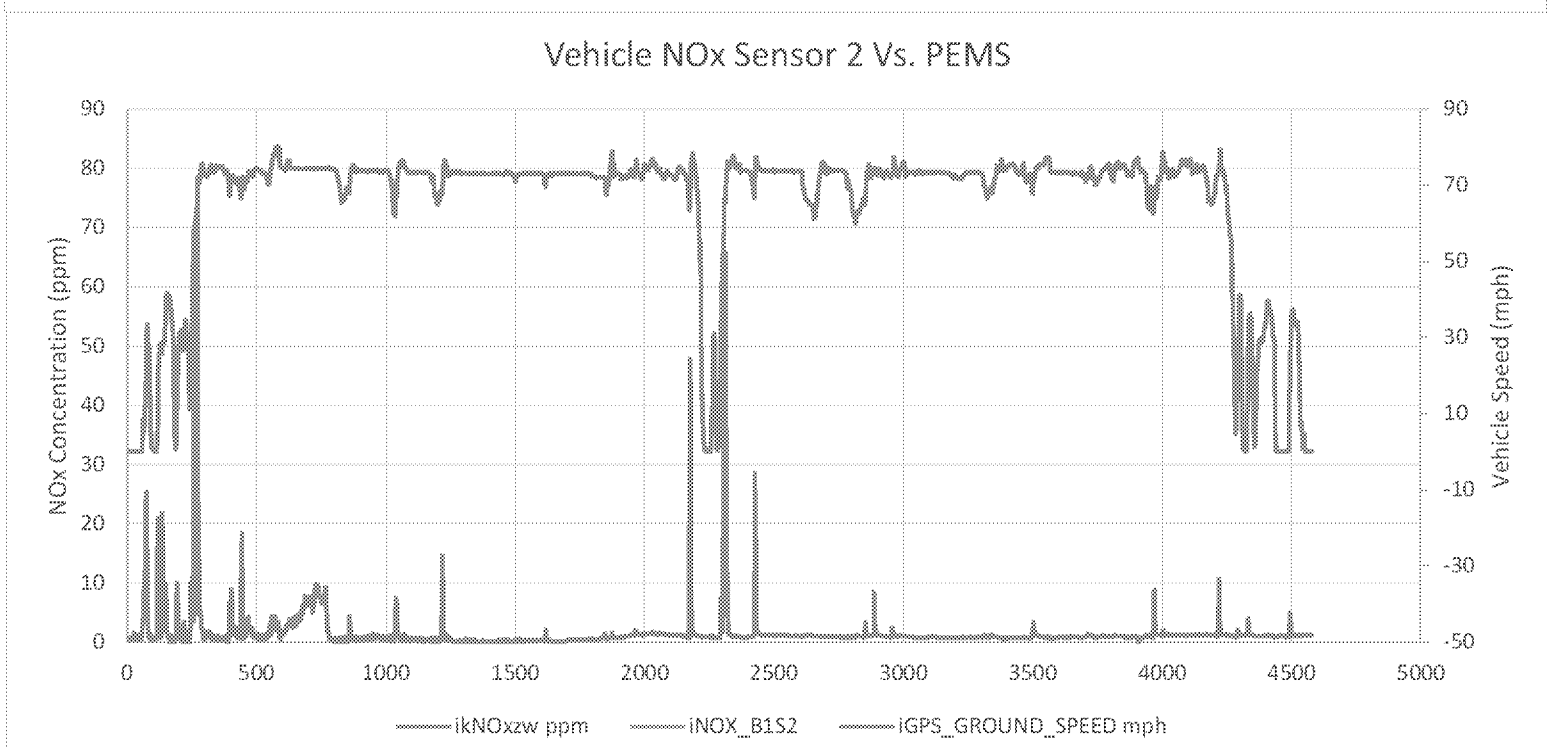


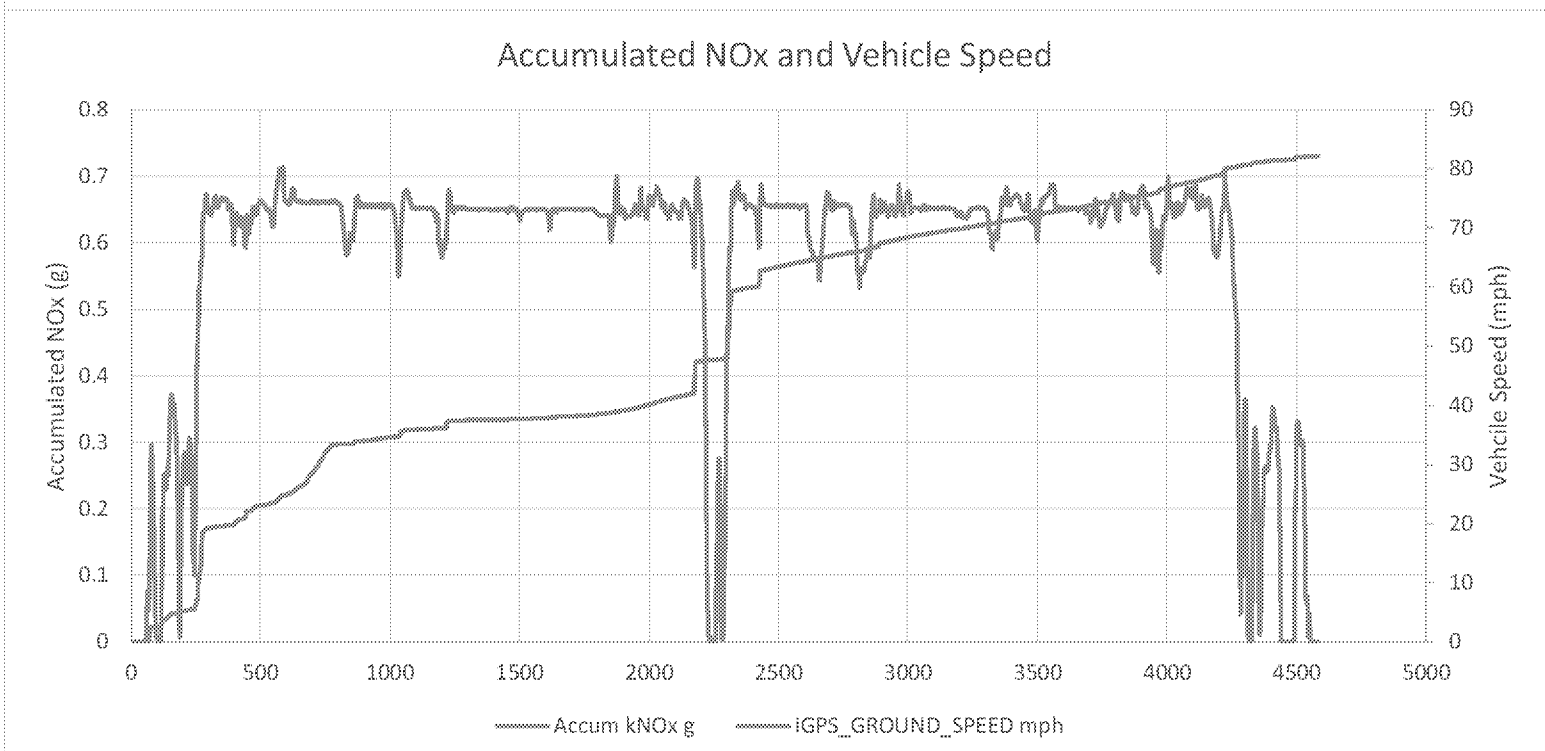


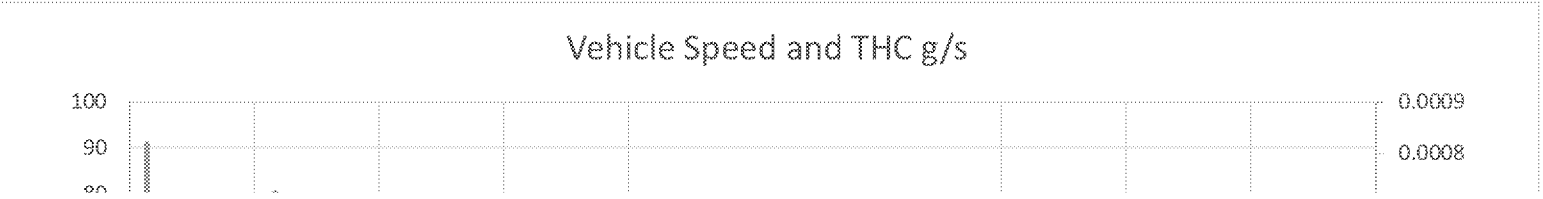
imVEH_SPEED	iMAF g/s	iEGT_11 Deg C	iEGT_DPF Deg C	iGPS_GROUND_SPEED mph	iWfgps gal/s	iCALCRT_kNOxm g/s	iCALCRT_HCm g/s	iSCB_LAT deg C	ikNOxzw ppm
				0	0	0	0	17	0.3
				0	0	0	0	17	0.3
				0	0	0	0	17	0.3
				0	0	0	0	17	0.3
				0	0	0	0	17	0.6
				0	0	0	0	17	0.5
				0	0	0	0	17	0.7
				0	0	0	0	17	0.6
				0	0	0	0	17	0.4
				0	0	0	0	17	0.4
				0	0	0	0	17	0.6
				0	0	0	0	17	0.4
	4.08		192	0	0.000001	0	0	17	0.5
	7.42386		192.4092	0	0.000066	0.00001	0.00001	17	0.4
	18.50146	223.4	200.928571	0	0.000112	0.00001	0.00002	17	0.4
	11.45962	220.361009	201.182301	0	0.00009	0.00001	0.00002	17	0.5
	9.88122	216.128431	201.994665	0	0.000076	0.00001	0.00002	17	0.8
	9.51194	211.895853	204.398551	0	0.000063	0.00001	0.00002	17	0.9
	9.38039	207.663275	206.687699	0	0.000055	0.00001	0.00001	17	0.9
	9.37467	203.564315	206.662822	0	0.000052	0.00001	0.00001	17	0.8
	9.27426	202.672182	211.389655	0	0.000053	0.00002	0.00001	17	1
	9.2431	201.780049	213.589744	0	0.000056	0.00002	0.00001	17	1.6
	9.23132	200.887916	215.733333	0	0.000061	0.00002	0.00001	17	1.4
	9.41583	199.995783	218.095652	0	0.000065	0.00002	0.00002	17	1.2
	9.41033	199.128744	210.465587	0	0.000069	0.00002	0.00002	17	1
	9.41601	198.468969	222.071995	0	0.000073	0.00001	0.00002	17	0.6
	9.37636	197.809193	224.066624	0	0.000076	0.00001	0.00003	17	0.7
	9.37995	197.149417	225.922948	0	0.000078	0.00001	0.00003	17	0.8
	9.38913	196.489642	225.354798	0	0.000079	0.00001	0.00003	17	0.4
	9.41461	196.419474	222.006667	0	0.00008	0.00001	0.00003	17	0.4
	9.53862	196.810693	231.412919	0	0.000082	0.00001	0.00004	17	0.4
	10.07261	197.201913	233.080271	0	0.000084	0.00001	0.00004	17	0.4
	10.07358	197.593132	235.092757	0	0.000085	0.00001	0.00004	17	0.4
	10.06764	197.984351	222.840153	0	0.000086	0.00001	0.00004	17	0.4
	10.07414	199.15912	238.85448	0	0.000087	0.00001	0.00004	17	0.4
	9.98497	200.366537	240.343816	0	0.000089	0.00001	0.00004	17	0.7
	9.95665	201.573954	241.726087	0	0.000091	0.00001	0.00005	17	0.8
	10.01639	202.781371	243.665339	0	0.000092	0.00002	0.00005	17	1.1
	10.18964	203.969782	228.646401	0	0.000094	0.00001	0.00005	17	0.7
	10.27449	205.118172	246.4	0	0.000096	0.00001	0.00005	17	0.9
	10.25857	206.266562	247.909897	0	0.000099	0.00002	0.00005	17	0.9
	10.24167	207.414952	248.736145	0	0.000101	0.00002	0.00006	17	1
	9.8371	208.563342	238.924485	0	0.000101	0.00002	0.00006	17	1.2
	9.86079	209.581	250.482411	0	0.000102	0.00002	0.00006	17	1.1
	10.0554	210.581	253.102078	0	0.000104	0.00002	0.00006	17	1
	10.11708	211.581	253.971618	0	0.000106	0.00002	0.00005	17	1.1
	10.19392	212.581	254.874337	0	0.000107	0.00001	0.00003	17	0.4
	10.63069	214.846346	241.154167	0	0.000114	0.00001	0.00004	17	0.4
	11.89088	219.167465	257.843855	0	0.000127	0.00001	0.00004	17	0.6
	11.4951	223.488583	258.976104	0	0.000126	0.00001	0.00005	17	0.5
	11.63915	227.809701	260.722187	0	0.000138	0.00001	0.00006	17	0.5
	14.05598	232.13082	257.722385	0.3	0.000192	0.00003	0.00009	17	1
	19.84183	240.733952	258.707687	0.5	0.000258	0.00004	0.00013	17	1.1
	23.14882	251.542971	265.783394	1.3	0.000325	0.00007	0.00015	17	1.8
	26.17951	262.351989	267.606213	3	0.000377	0.00011	0.00014	17	2.5
	18.14487	273.161008	269.589225	4.8	0.000356	0.00013	0.0001	17	3.4
	16.2495	284.082083	276.82726	6.5	0.000303	0.00012	0.0001	17	3.9

iNOX_B1S1	iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm		0/1	g
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
		0	0
		0	0.00001
	-1	0	0.00002
	-1	0	0.00003
	-1	0	0.00004
	-1	0	0.00005
	-1	0	0.00006
	-1	0	0.00007
	-1	0	0.00009
	-1	0	0.00011
	-1	0	0.00013
	-1	0	0.00015
	-1	0	0.00017
	-1	0	0.00018
	-1	0	0.00019
	-1	0	0.0002
	-1	0	0.00021
	-1	0	0.00022
	-1	0	0.00023
	-1	0	0.00024
	-1	0	0.00025
	-1	0	0.00026
	-1	0	0.00027
	-1	0	0.00028
	-1	0	0.00029
	-1	0	0.00031
	-1	0	0.00032
	-1	0	0.00033
	-1	0	0.00035
	-1	0	0.00037
	-1	0	0.00039
	-1	0	0.00041
	-1	0	0.00043
	-1	0	0.00045
	-1	0	0.00046
	-1	0	0.00047
	-1	0	0.00048
	-1	0	0.00049
	-1	0	0.0005
	-1	0	0.00053
	-1	0	0.00057
	-1	0	0.00064
	-1	0	0.00075
	-1	0	0.00088
	-1	0	0.001









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91.4	1496
99.4	1765
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81.1	2285
91.2	2001
88.5	2083
78.8	2272
53.7	2257
19.5	1781
0.2	1716
0	1649
0	1578
0	1509
0	1456
0	1391
0	1270
0	1229
0	1119
26.2	830
30.1	825
37	777
55.6	736
60	760
59.3	768
56.5	759
57	755
58.7	758
58.6	758
59.1	761
58.8	759
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94.3	1688
93.9	2160
86.3	2279
76.4	1983
64.3	1603
85.9	1708
90.3	1787
81.5	1860
75.7	1612
81.2	1507

13.33639	295.715047	271.643743	7.9	0.000228	0.0001	0.00013	17	3.9
18.59119	307.34801	272.483359	8.4	0.000281	0.00012	0.00023	17	3.3
43.21803	318.980974	273.446509	7.5	0.000516	0.00023	0.00034	17	3.5
39.06227	330.613938	278.50795	5.6	0.000601	0.00032	0.00031	17	5.3
25.12855	347.3528	290.616104	5.2	0.000431	0.00037	0.00028	17	8.7
32.21001	368.493954	275.6	7.4	0.00049	0.00051	0.00033	17	10.1
44.82981	389.635108	275.6	10.2	0.00077	0.00065	0.00041	17	8.4
67.73859	410.776261	275.6	11.4	0.001154	0.00088	0.00062	17	8.2
93.46648	431.917415	320.846829	12.5	0.001649	0.00223	0.00082	17	14.7
85.12615	449.216204	281.63945	14.4	0.001459	0.00298	0.00059	17	21.4
74.3819	465.783112	271.541139	17.1	0.001394	0.00308	0.00039	17	23.7
82.4437	482.350021	269.635949	20.6	0.001493	0.0034	0.00027	17	24.6
85.21155	498.91693	268.8	24.2	0.001449	0.00359	0.00021	17	25.3
33.9258	506.644	390.076478	27.5	0.000558	0.00142	0.0001	17	22.5
24.13473	468.644	267.126411	30.4	0.00029	0.00079	0.00006	17	18.4
20.81865	430.644	266.334783	32.7	0.000166	0.00048	0.00006	17	13.9
18.3497	392.644	265.34006	33.4	0.000095	0.00029	0.00007	17	9.8
15.90645	354.644	273.240952	32.5	0.000061	0.00017	0.00006	17	6.2
13.78174	331.72671	277.643636	31.2	0.000038	0.0001	0.00004	17	4.4
11.78602	316.51026	263.39	30	0.000028	0.00005	0.00003	17	2.5
10.80549	301.29381	263.3	28.8	0.000022	0.00004	0.00003	17	2.1
10.27317	286.077359	262.972442	27.5	0.000018	0.00002	0.00002	17	1
9.8676	271.32273	265.952103	26.5	0.000016	0.00001	0.00003	17	0.6
9.0119	267.102022	261.663799	25	0.000015	0.00001	0.00004	17	0.8
8.00253	262.881315	260.883611	22.5	0.000014	0.00002	0.00005	17	1.5
9.61655	258.660607	260.5	19.3	0.000014	0.00002	0.00006	17	1.3
9.08229	254.439899	260.5	16	0.000014	0.00001	0.00007	17	0.9
9.57551	254.301866	258.030814	13.1	0.000018	0.00002	0.00007	17	1
11.36493	258.362445	259.8	10.2	0.000029	0.00002	0.00008	17	1.1
10.66567	262.423025	259.8	7.6	0.000041	0.00001	0.00007	17	0.7
10.54615	266.483604	259.504535	5.5	0.000057	0.00001	0.00006	17	0.6
10.63	270.544183	263.372055	3.6	0.000072	0.00001	0.00005	17	0.3
10.63832	272.57168	259.1	2	0.000086	0.00001	0.00005	17	0.4
10.55018	274.462481	259.1	0.9	0.000098	0.00001	0.00005	17	0.3
10.51857	276.353282	258.782497	0.6	0.000104	0.00001	0.00005	17	0.3
10.41548	278.244083	258.960941	0.8	0.00011	0.00001	0.00005	17	0.6
10.3879	279.764621	268.229853	0.9	0.000114	0.00001	0.00005	17	0.4
9.97	280.04558	258.753548	0.6	0.000115	0.00001	0.00006	17	0.5
10.07547	280.32654	258.685373	0.5	0.000118	0.00001	0.00006	17	0.5
10.36	280.607499	258.5	0.6	0.000122	0	0.00006	17	0.3
10.32946	280.888459	259.783203	0.4	0.000123	0	0.00006	17	0.3
10.3682	280.823446	262.46861	0.1	0.000122	0.00001	0.00007	17	0.5
10.33582	280.530653	259.038028	0	0.000122	0.00001	0.00007	17	0.5
10.31058	280.23786	258.612062	0	0.000122	0.00001	0.00007	17	0.5
10.3619	279.945068	258.797158	0	0.000122	0.00001	0.00007	17	0.4
10.3328	279.651642	269.357477	0	0.000123	0.00002	0.00007	17	0.9
10.36535	279.354969	258.649203	0	0.000124	0.00001	0.00006	17	0.8
10.26927	279.058296	259.1	0	0.000123	0.00001	0.00004	17	0.6
10.02605	278.761623	259.1	0	0.000122	0.00001	0.00002	17	0.6
10.08601	278.46495	259.141516	0	0.000121	0.00001	0.00004	17	0.5
10.35461	288.245379	265.940909	0	0.000122	0.00001	0.00005	17	0.7
10.41503	310.644882	260.12099	0.1	0.00013	0.00001	0.00006	17	0.6
15.78901	333.044385	260.390015	0.9	0.00025	0.00001	0.00012	17	0.4
46.51982	355.443887	261.471185	1.9	0.000864	0.00009	0.00036	17	0.9
80.27949	377.84339	279.264335	2.7	0.001296	0.00069	0.00056	17	5.3
90.95346	395.026481	293.662996	4.3	0.00145	0.00206	0.0007	17	14.7
75.04101	408.985189	273.155467	7.9	0.001123	0.00221	0.00042	17	19.6
39.81006	422.943896	276.556338	12.7	0.00067	0.00148	0.00013	17	20.9
34.44552	436.902603	278.316324	17.3	0.000549	0.00117	0.00004	17	19.7
36.25503	447.825939	363.712712	20.9	0.000598	0.00099	0.00002	17	16.2
36.4296	443.047782	280.698319	23.2	0.000618	0.0007	0.00005	17	11.6
28.27023	438.269625	282.432642	24.6	0.000538	0.00038	0.00007	17	7.1
25.54574	433.491468	282.505643	25.7	0.000453	0.00025	0.00011	17	5.3

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150.178611	0	0.02306
144.665932	0	0.02307
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133.454545	0	0.0231
127.507222	0	0.02311
121.559898	0	0.02312
115.612574	0	0.02313
109.665251	0	0.02314
117.528536	0	0.02315
130.762614	0	0.02316
143.996691	0	0.02325
157.230769	0	0.02394
170.464847	0	0.026
159.456757	0	0.02821
145.267568	0	0.02969
131.078378	0	0.03086
116.889189	0	0.03185
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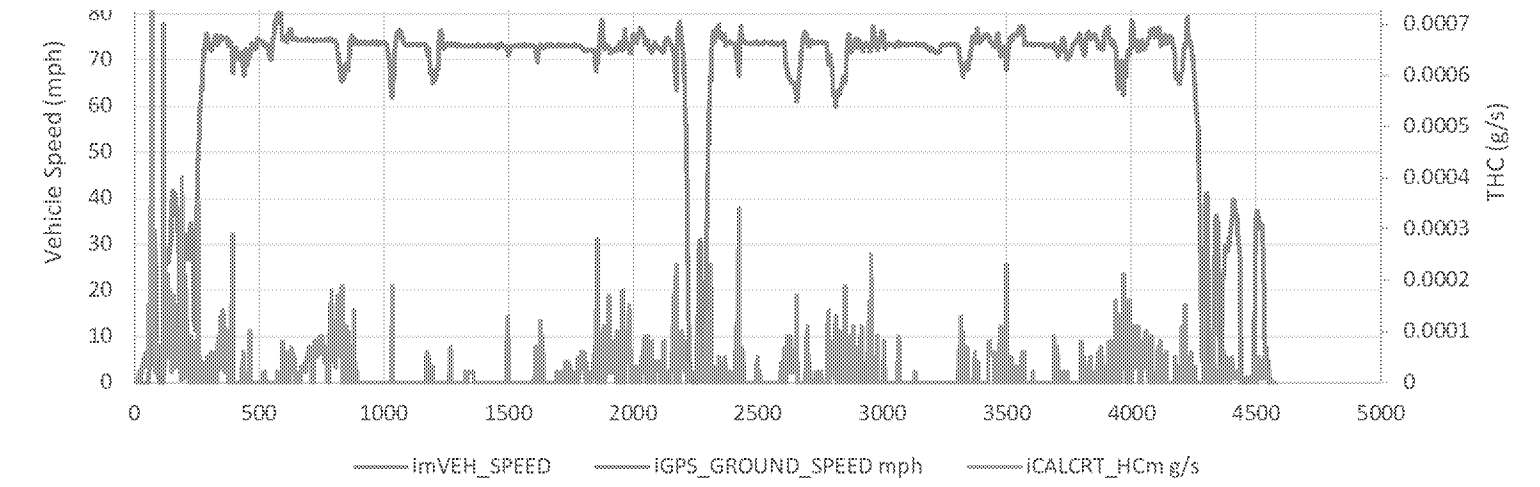
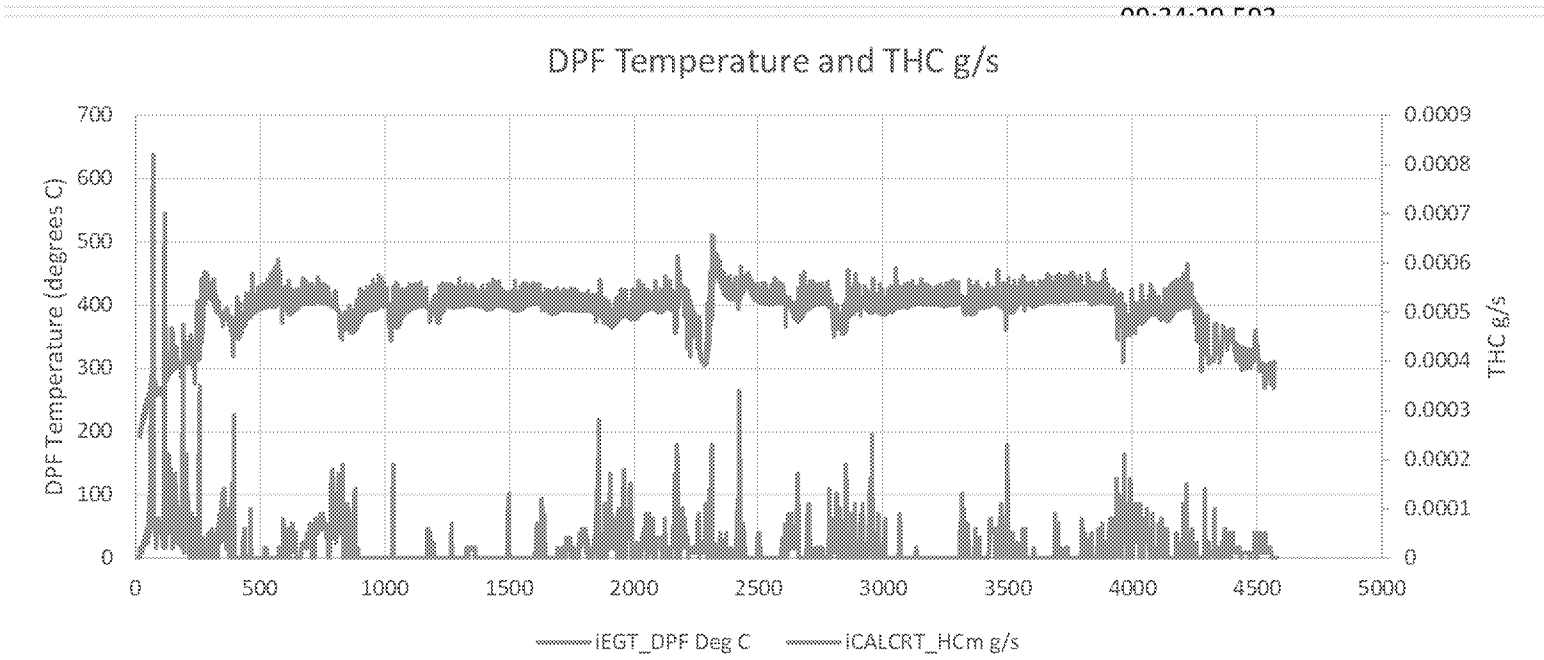
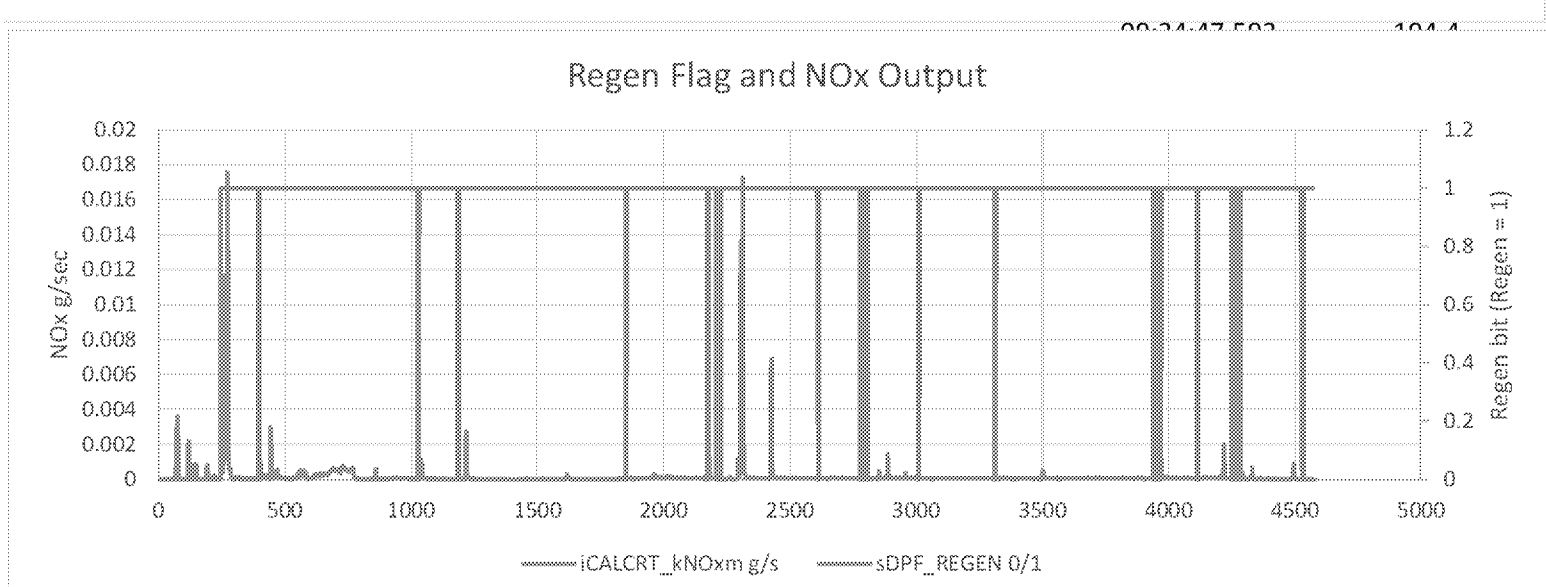
97.342469	0	0.03293
89.269386	0	0.03318







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		74.9	1414
		79	1441
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		67.4	1580
		28.2	1590
		7.8	1537
		46.3	1520
		54.8	1531
		69.4	1555
		84.2	1595
		85	1663
		83.2	1738
		85.4	1805
		87.7	1840
		88.7	1663
		87.5	1735
		73.2	1815
		57.9	1614
		62.6	1560
		63.3	1568
		59.7	1575
		48.4	1470
		43.3	1302
		40.9	1292
		38.9	1289
		41.2	1284
		42.4	1285
		50.6	1285
		59	1266
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		85.9	1256
		85.2	1244
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17.75044	396.141266	285.2	28	0.000323	0.00008	0.0001	17	2.5
15.66345	375.748638	285.2	28.5	0.000257	0.00006	0.00012	17	2.1
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15.32621	334.963381	287.402473	28.2	0.000182	0.00006	0.00015	17	1.9
22.46896	333.207916	297.736931	27.4	0.000169	0.00006	0.00017	17	1.7
26.13645	351.4816	286.957143	26.5	0.000207	0.00004	0.00015	17	1.1
25.08553	369.755284	287.749742	25.9	0.000419	0.00005	0.00017	17	0.8
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40.44556	406.302653	315.095486	26.2	0.000541	0.00072	0.00013	17	13.4
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19.16607	354.502458	291.673723	28.9	0.000154	0.00032	0.00006	17	9.7
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39.55153	358.275584	292.025319	28.2	0.000453	0.00017	0.00014	17	2.8
39.99718	378.188825	292.856466	28.3	0.000631	0.00014	0.00018	17	2
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46.33711	436.210345	362.816915	31	0.000824	0.0003	0.00009	17	3.8
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57.81725	450.003448	297.775821	33.4	0.001016	0.00076	0.00012	17	8
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16.16707	410.385175	300.463782	41.4	0.000249	0.00006	0.00008	17	2.1
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17.56834	346.10603	300.9	41.2	0.000168	0.00002	0.00012	17	0.7
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15.2068	353.745933	309.071408	37.8	0.0002	0.00002	0.00007	17	1
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10.05411	332.432318	304.6	36.4	0.00016	0.00002	0.00003	17	0.9
14.70059	321.775511	305.064202	35.5	0.000197	0.00002	0.00008	17	0.8
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16.17338	306.709057	304.864486	33	0.000142	0.00002	0.00009	17	0.9
9.63381	301.537026	305.848395	32.2	0.000104	0.00002	0.00005	17	0.9
7.21989	296.364994	305.344055	31.7	0.000095	0.00001	0.00004	17	0.3
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8.25391	285.269181	302.868282	30.2	0.000098	0	0.00004	17	0.3
8.67393	278.911422	305.3	26.8	0.000092	0	0.00004	17	0
9.85344	272.553664	304.6	22.4	0.000082	0	0.00003	17	0.3
9.5176	266.195905	304.6	18.7	0.000072	0	0.00004	17	0.1
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10.8295	264.699569	304.6	11.7	0.000056	0	0.00003	17	0
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16.26949	279.486999	305.3	1.5	0.000123	0.00001	0.00003	17	0.5
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62.03317	360.83458	308.558962	2.1	0.001028	0.00012	0.00024	17	1.1
77.6238	397.086147	311.038832	5	0.001287	0.00057	0.0004	17	4.6
75.65944	433.337714	313.155738	8.5	0.001143	0.00085	0.00038	17	7.5
43.59662	456.145255	368.712143	12.4	0.000805	0.00078	0.0002	17	9.4
33.17672	452.738929	316.804927	14	0.000537	0.00058	0.00006	17	10
24.84091	449.332603	317.1	17.7	0.00046	0.00042	0.00002	17	8.2
29.95074	445.926277	317.310247	22.7	0.000445	0.00024	0.00001	17	5.1
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21.81855	429.724391	329.109988	26.5	0.000432	0.00009	0.00009	17	2.1
22.02065	414.839784	318.493661	27	0.000368	0.00005	0.00012	17	1.3
17.52047	399.955177	317.8	28.2	0.000289	0.00003	0.00013	17	0.8
16.04019	385.07057	318.241627	29.6	0.000241	0.00002	0.00014	17	0.7
18.68149	370.688598	342.403586	30.3	0.000234	0.00002	0.00018	17	0.6
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17.77069	351.501191	317.8	30.9	0.000225	0.00002	0.0002	17	0.6
18.64967	341.907488	317.8	31.3	0.000225	0.00002	0.00021	17	0.8
14.31402	332.313784	317.8	31.6	0.000175	0.00001	0.00017	17	0.5
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13.32594	284.526036	316.921481	31.7	0.000094	0.00001	0.00012	17	0.6
14.88906	272.158928	307.092779	30.7	0.000077	0.00002	0.00011	17	0.7
15.27593	280.998827	311.711917	29.6	0.000071	0.00003	0.00009	17	1
18.19657	295.647015	316.3	28.6	0.000087	0	0.00007	17	0
22.10525	310.295203	317.1	27.9	0.000152	0	0.00007	17	0
33.41724	324.94339	317.1	27.2	0.000316	0	0.00004	17	0
33.66502	340.080421	326.943538	26.7	0.000499	0.00003	0.00001	17	0.6
35.2688	359.874324	317.930523	26.6	0.000603	0.0001	0.00005	17	1.7
35.35598	379.668227	318.5	27.1	0.000632	0.00014	0.00005	17	2.3
36.04242	399.46213	319.052577	27.9	0.000667	0.00021	0.00001	17	3.4
38.24803	419.256033	319.570924	28.7	0.000713	0.00021	0	17	3.2
39.68375	429.4595	352.069412	29.5	0.000722	0.00021	0	17	3.2
36.80692	427.307326	319.2	30.4	0.000714	0.00018	0	17	2.7
33.64725	425.155152	319.2	31.5	0.000607	0.00017	0	17	2.8
23.4299	423.002978	320.402735	32.6	0.000478	0.00011	0	17	2.3
30.85257	420.850804	347.642061	33.6	0.000489	0.00013	0.00003	17	2.1
40.14845	398.444172	320.047941	34.2	0.000345	0.0001	0.00007	17	1.6
31.85377	372.093122	319.271377	34.5	0.000153	0.00011	0.00009	17	1.9
30.89739	345.742072	319.9	34.3	0.000067	0.00009	0.00004	17	1.7
18.91366	319.391023	319.9	33.6	0.000033	0.00005	0.00001	17	1.3
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21.24792	289.003599	319.9	31.8	0.000042	0	0.00001	17	0
11.79644	279.072473	319.350656	31.3	0.000046	0	0.00001	17	0
36.24854	269.141346	319.2	30.6	0.000055	0.00001	0.00002	17	0.2
35.6606	259.21022	301.359085	29.8	0.000041	0.00001	0.00002	17	0.2
32.37615	252.055451	317.376416	28.9	0.000024	0.00004	0.00001	17	0.8
32.18158	245.360172	319.9	27.8	0.000023	0.00006	0	17	1.1
29.38646	238.664893	319.9	27	0.000022	0.00004	0	17	0.7
19.15826	231.969614	319.9	23.8	0.000016	0.00002	0	17	0.6
18.94609	230.094367	275.659469	19.6	0.000015	0.00001	0	17	0.4
14.79512	247.742686	319.9	16.9	0.000015	0.00001	0	17	0.4
13.13565	265.391004	319.9	15.1	0.000027	0.00001	0	17	0.3
23.12828	283.039323	319.258716	13.2	0.000122	0.00001	0	17	0.1
46.67227	300.687642	318.58295	11.8	0.000419	0.00001	0.00001	17	0.2
69.55701	331.864177	317.731839	11.3	0.00102	0.00005	0.00006	17	0.4
84.33698	375.085685	320.6	12.2	0.001287	0.00032	0.00008	17	2.5
76.58022	418.307192	319.473824	14.4	0.001337	0.00088	0.00005	17	6.7
90.13177	461.528699	319.9	17.7	0.001605	0.00154	0	17	9.9
101.80014	499.60894	405.882959	22	0.001687	0.00156	0	17	9.3
90.19269	513.78374	316.851856	26.5	0.001517	0.00142	0.00003	17	9.4
96.48698	527.95854	315.468627	30.7	0.001674	0.00137	0	17	8.4
109.15597	542.133341	314.8	34.5	0.001994	0.00168	0	17	8.6

87.194158	0	0.0424
92.027107	0	0.04252
96.860055	0	0.04309
101.693003	0	0.04394
106.525951	0	0.04472
102.895226	0	0.0453
95.550227	0	0.04572
88.205228	0	0.04596
80.860229	0	0.04616
73.629213	0	0.04625
68.011236	0	0.0463
62.393258	0	0.04633
56.775281	0	0.04635
51.157303	0	0.04637
47.627788	0	0.0464
46.77799	0	0.04642
45.928192	0	0.04644
45.078394	0	0.04645
44.228596	0	0.04647
43.53211	0	0.04648
42.892042	0	0.04649
42.251974	0	0.0465
41.611905	0	0.04652
43.568313	0	0.04655
101.939064	0	0.04655
160.309814	0	0.04655
218.680564	0	0.04655
277.051315	0	0.04658
299.265248	0	0.04668
259.11606	0	0.04682
218.966871	0	0.04703
178.817683	0	0.04724
138.668495	0	0.04745
120.29987	0	0.04763
107.073504	0	0.0478
93.847138	0	0.04791
80.620772	0	0.04804
71.46886	0	0.04814
78.925	0	0.04825
86.38114	0	0.04834
93.837281	0	0.04839
101.293421	0	0.0484
91.545879	0	0.0484
71.994668	0	0.0484
52.443457	0	0.04841
32.892246	0	0.04842
16.592206	0	0.04846
20.946658	0	0.04852
25.30111	0	0.04856
29.655563	0	0.04858
34.010015	0	0.04859
47.31493	0	0.0486
68.152739	0	0.04861
88.990548	0	0.04862
109.828357	0	0.04863
130.666165	0	0.04868
129.992549	0	0.049
126.60578	0	0.04988
123.219011	1	0.05142
119.832242	1	0.05298
120.435013	1	0.0544
125.740053	1	0.05577
131.045093	1	0.05745

09:36:22.593		79.7	2538
09:36:23.593		54.7	2323
09:36:24.593	195.3	69.3	1877
09:36:25.593	195.7	83.2	1578
09:36:26.593	196.1	96.2	1599
09:36:27.593	196.4	99.6	1639
09:36:28.593	196.8	99.6	1705
09:36:29.593	197.2	99.6	1783
09:36:30.593	197.6	77.3	1849
09:36:31.593	198	68.4	1885
09:36:32.593	198.4	68.6	1595
09:36:33.593	198.8	81.4	1577
09:36:34.593	199.2	88.3	1587
09:36:35.593	199.6	93.1	1603
09:36:36.593	200	97.3	1628
09:36:37.593	200.4	68.7	1655
09:36:38.593	200.8	4.2	1654
09:36:39.593	201.2	2.3	1643
09:36:40.593	201.6	99.6	1647
09:36:41.593	202	99.3	1820
09:36:42.593	202.3	98.6	2410
09:36:43.593	202.7	89.9	2640
09:36:44.593		63.3	2402
09:36:45.593		51.4	2026
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09:36:47.593		7.9	1841
09:36:48.593		67.2	1833
09:36:49.593		96.6	1844
09:36:50.593		79.5	1866
09:36:51.593	199.6	71.5	1887
09:36:52.593	199.2	87	1903
09:36:53.593	198.7	80.1	1918
09:36:54.593	198.3	76	1938
09:36:55.593	197.8	72.1	1952
09:36:56.593	197.3	57.8	1958
09:36:57.593	196.9	56.3	1955
09:36:58.593	196.4	75.8	1953
09:36:59.593	196	49.9	1953
09:37:00.593	195.5	34.1	1944
09:37:01.593	195.1	49.3	1934
09:37:02.593	194.6	26.3	1926
09:37:03.593	194.1	44.1	1912
09:37:04.593	193.7	69.9	1901
09:37:05.593	193.2	40.1	1894
09:37:06.593	192.8	33.3	1890
09:37:07.593	192.3	48.8	1880
09:37:08.593	191.8	72.3	1873
09:37:09.593	191.4	94.3	1872
09:37:10.593	190.9	83.4	1879
09:37:11.593	190.5	79.3	1887
09:37:12.593		55.5	1891
09:37:13.593		62.8	1885
09:37:14.593		70	1878
09:37:15.593		70	1873
09:37:16.593		69.9	1868
09:37:17.593		75.3	1865
09:37:18.593		84.6	1866
09:37:19.593	190.9	82.1	1875
09:37:20.593	191	64.4	1881
09:37:21.593	191	77.8	1885
09:37:22.593	191.1	83.8	1889
09:37:23.593	191.2	84	1899
09:37:24.593	191.2	72.8	1907

118.59573	556.308141	340.415361	38.1	0.001963	0.00215	0	17	10.7
78.97737	556.456339	357.222142	41.4	0.001093	0.00141	0	17	10.9
47.49341	549.664618	315.414167	44.6	0.000599	0.00076	0	17	10
37.85985	542.872898	314.942729	47.6	0.00055	0.00041	0	17	6.3
53.758	536.081177	315.115123	49.3	0.000966	0.00042	0	17	4.3
87.43737	529.874263	402.881481	50.2	0.001591	0.0005	0.00019	17	3.6
108.67737	541.947263	318.116842	50.8	0.002102	0.0025	0.00035	17	13.7
114.14538	554.020262	322.353985	51.5	0.002077	0.00896	0.00021	17	46.2
99.59873	566.093262	327.539044	52.9	0.001599	0.01167	0.00002	17	69.5
71.61818	578.166261	386.67378	55.2	0.000986	0.00742	0	17	62.9
46.91961	580.439638	362.472374	57.7	0.000668	0.00369	0	17	44.3
51.69068	579.567298	337.464447	59.6	0.000769	0.00218	0	17	25.3
58.25087	578.694957	339.908654	60.4	0.000923	0.00149	0	17	16.3
65.17911	577.822617	341.889601	60.7	0.001223	0.00121	0	17	10.7
92.44094	576.106681	442.267422	61	0.001756	0.00156	0	17	10.1
96.77141	560.434412	350.810377	61.4	0.001413	0.00316	0	17	20.3
54.60435	544.762143	357.058611	62.1	0.000539	0.00287	0	17	26.8
52.00462	529.089874	360.234571	63.3	0.000215	0.00179	0	17	22
71.54575	513.417605	362.824595	64.3	0.000599	0.00135	0	17	13.1
114.53356	508.104275	421.057864	64.1	0.00234	0.00328	0.00004	17	13.2
164.43163	527.31059	375.755319	63.6	0.002802	0.01267	0.00002	17	46.1
162.6426	546.516904	388.265584	63.9	0.002131	0.01758	0	17	78.4
82.11429	565.723219	395.521905	65.4	0.00117	0.00994	0	17	72.4
66.29988	584.929533	438.398125	68.1	0.000861	0.0052	0	17	44.2
43.89702	577.394997	416.270074	70.5	0.000267	0.00203	0	17	25.7
43.3643	560.268634	402.863404	72	0.000096	0.00072	0	17	13.1
41.55916	543.142271	402.9	72.4	0.000281	0.00061	0	17	8.4
76.49816	526.015908	404.848	71.8	0.000926	0.00063	0	17	4.8
82.84162	510.334546	452.08977	71.1	0.0012	0.00071	0	17	5.3
57.56985	517.699737	411.752535	70.9	0.000916	0.00059	0	17	5.9
63.4387	525.064928	414.11259	71.4	0.001002	0.00051	0	17	5
77.58157	532.430118	416.066915	72.3	0.00125	0.00064	0	17	5.1
75.88933	539.795309	418.615834	73.1	0.001123	0.00057	0	17	4.8
56.19654	536.680506	451.53299	73.7	0.000887	0.00046	0	17	4.6
42.33148	522.959191	422.1	74.5	0.000594	0.00029	0	17	4
31.40868	509.237876	422.1	75.2	0.000435	0.00019	0	17	3.4
39.39469	495.51656	422.1	75.6	0.000508	0.00019	0.00001	17	3
40.70859	480.385889	449.766752	75.7	0.000558	0.00015	0.00002	17	2.3
30.60717	461.444737	422.1	75.6	0.00042	0.0001	0.00002	17	1.8
30.38423	442.503586	422.1	75.6	0.000317	0.00009	0.00002	17	1.8
30.85921	423.562434	422.1	75.5	0.00027	0.00011	0.00005	17	2.1
26.01242	404.621282	419.326877	75.2	0.000237	0.00009	0.00004	17	1.8
35.54315	394.572309	414.300506	74.8	0.00032	0.00006	0.00005	17	1
34.82052	392.440567	421.3	74.2	0.000409	0.00003	0.00004	17	0.5
25.41244	390.308825	421.3	73.7	0.00032	0.00002	0.00002	17	0.5
26.64664	388.177084	420.197647	73.5	0.000262	0.00004	0.00003	17	0.8
35.25685	386.045342	410.331319	73.3	0.00034	0.00005	0.00003	17	0.9
47.95835	397.542092	419.451836	73.2	0.000628	0.00006	0.00005	17	0.7
55.32927	411.673466	419.5	73	0.000857	0.00008	0.00005	17	0.9
55.06792	425.80484	419.080052	72.6	0.000892	0.00009	0.00002	17	0.9
44.83961	439.936214	418.098113	72.5	0.000685	0.00011	0	17	1.4
32.41972	450.794646	433.576106	72.7	0.000451	0.00009	0	17	1.7
34.89901	449.340582	416.758641	73	0.000465	0.00008	0	17	1.4
37.45026	447.886517	416.3	73	0.000514	0.00007	0.00001	17	1.1
34.81667	446.432452	414.644099	72.8	0.000513	0.00004	0.00002	17	0.7
38.84908	444.978387	417.181379	72.6	0.000599	0.00005	0.00004	17	0.8
55.15891	449.815282	418.45352	72.4	0.000952	0.00007	0.00006	17	0.7
65.66928	457.736715	412.211702	72.3	0.001068	0.00012	0.00005	17	1.1
49.88152	465.658148	410.35301	72.1	0.000841	0.00012	0.00001	17	1.4
44.82717	473.579581	408.844211	72.2	0.000651	0.00007	0	17	1
65.45722	481.386819	438.116389	72.5	0.000971	0.00011	0	17	1.1
67.81918	486.303115	405.401709	72.8	0.001061	0.00007	0.00005	17	0.7
51.70524	491.219411	404.463436	72.9	0.000931	0.00012	0.00003	17	1.2

136.350133	1	0.0596
141.655172	1	0.06101
223.778426	1	0.06177
311.241983	1	0.06218
398.705539	1	0.0626
486.169096	1	0.0631
550.761261	1	0.0656
590.175676	1	0.07456
629.59009	1	0.08623
669.004505	1	0.09365
708.570213	1	0.09734
752.187234	1	0.09952
795.804255	1	0.10101
839.421277	1	0.10222
883.038298	1	0.10378
905.74984	1	0.10694
887.148172	1	0.10981
868.546504	1	0.1116
849.944836	1	0.11295
831.343169	1	0.11623
728.621069	1	0.1289
582.370794	1	0.14648
436.120519	1	0.15642
289.870244	1	0.16162
170.736797	1	0.16365
266.60106	1	0.16437
362.465323	1	0.16498
458.329586	1	0.16561
554.193849	1	0.16632
578.945815	1	0.16691
495.685903	1	0.16742
412.425991	1	0.16806
329.166079	1	0.16863
245.906167	1	0.16909
212.971759	1	0.16938
188.434722	1	0.16957
163.897685	1	0.16976
139.360648	1	0.16991
128.337948	1	0.17001
128.967275	1	0.1701
129.596602	1	0.17021
130.225928	1	0.1703
130.855255	1	0.17036
131.168823	1	0.17039
131.388073	1	0.17041
131.607323	1	0.17045
131.826573	1	0.1705
132.585687	1	0.17056
135.388015	1	0.17064
138.190343	1	0.17073
140.992671	1	0.17084
143.794999	1	0.17093
139.333261	1	0.17101
129.391614	1	0.17108
119.449968	1	0.17112
109.508321	1	0.17117
99.566674	1	0.17124
114.505842	1	0.17136
130.94894	1	0.17148
147.392038	1	0.17155
163.835136	1	0.17166
173.413282	1	0.17173
168.470234	1	0.17185

09:37:25.593	191.3	73.4	1910
09:37:26.593	191.4	93.8	1915
09:37:27.593	191.4	86.6	1921
09:37:28.593	191.5	80.9	1930
09:37:29.593	191.6	74.2	1936
09:37:30.593	191.6	78.2	1941
09:37:31.593	191.7	78.5	1945
09:37:32.593	191.8	76.1	1944
09:37:33.593	191.8	77.8	1948
09:37:34.593	191.9	51.2	1941
09:37:35.593	192	38	1927
09:37:36.593	192	52.9	1916
09:37:37.593	192.1	63.5	1906
09:37:38.593	192.2	78.5	1899
09:37:39.593		78.6	1899
09:37:40.593		71.6	1900
09:37:41.593		59.5	1898
09:37:42.593		66.9	1897
09:37:43.593		65.1	1897
09:37:44.593		63.3	1900
09:37:45.593		62.4	1903
09:37:46.593		56.2	1910
09:37:47.593	191.7	50.3	1912
09:37:48.593	191.6	49.9	1916
09:37:49.593	191.5	50.9	1921
09:37:50.593	191.5	50.6	1923
09:37:51.593	191.4	49.9	1930
09:37:52.593	191.3	50.5	1933
09:37:53.593	191.3	51.6	1934
09:37:54.593	191.2	51.5	1938
09:37:55.593	191.1	51.2	1938
09:37:56.593	191.1	49.2	1939
09:37:57.593	191	48.7	1944
09:37:58.593	190.9	47.8	1943
09:37:59.593	190.9	30.6	1935
09:38:00.593	190.8	27.6	1935
09:38:01.593	190.7	40.8	1930
09:38:02.593	190.7	55.8	1929
09:38:03.593	190.6	56.6	1926
09:38:04.593	190.6	61.3	1930
09:38:05.593	190.5	62.9	1929
09:38:06.593	190.4	63.7	1932
09:38:07.593		63.9	1932
09:38:08.593		64.6	1933
09:38:09.593		67.9	1931
09:38:10.593		76.3	1934
09:38:11.593		67	1934
09:38:12.593		66.5	1933
09:38:13.593		72.9	1933
09:38:14.593		76.7	1935
09:38:15.593	192.1	76.3	1937
09:38:16.593	192.3	74.9	1941
09:38:17.593	192.4	71.1	1943
09:38:18.593	192.6	53.9	1932
09:38:19.593	192.8	49	1926
09:38:20.593	193	55.9	1918
09:38:21.593	193.2	56.8	1915
09:38:22.593	193.4	55.4	1905
09:38:23.593	193.6	55.7	1895
09:38:24.593	193.8	56.6	1887
09:38:25.593	194	80	1888
09:38:26.593	194.2	77.8	1890
09:38:27.593	194.4	76.4	1897

46.35705	496.135707	402.686053	73.1	0.000743	0.00009	0	17	1.2
53.89094	501.052003	401.405412	73.4	0.000864	0.00008	0	17	0.9
63.02469	504.069758	440.294565	73.7	0.001045	0.00013	0	17	1.2
59.72054	503.034515	398.762	73.9	0.000995	0.00015	0	17	1.4
54.41101	501.999273	397.460668	74	0.000885	0.00015	0	17	1.6
52.92568	500.964031	396.403688	74.3	0.000834	0.00016	0	17	1.8
51.60441	499.928789	416.553991	74.7	0.000827	0.00014	0	17	1.6
49.76776	489.09009	404.060724	74.9	0.00077	0.00013	0	17	1.5
48.02752	475.470181	393.393603	75.1	0.000734	0.00012	0	17	1.4
38.29656	461.850271	392.409201	75.1	0.000526	0.00007	0	17	1.2
29.23438	448.230362	391.280991	75.2	0.000362	0.00004	0	17	0.8
31.70703	440.751061	408.780132	75.3	0.000337	0.00005	0.00002	17	0.9
35.60781	444.235909	390.4	74.9	0.00041	0.00005	0.00003	17	0.8
40.77756	447.720758	389.788052	74.3	0.00056	0.00002	0.00006	17	0.3
42.49664	451.205606	390.335279	73.9	0.000646	0.00002	0.00003	17	0.3
40.45868	454.690455	403.326442	73.6	0.000618	0.00002	0.00001	17	0.3
35.24038	451.16089	393.668309	73.4	0.000509	0.00004	0	17	0.6
32.17937	445.153976	388.7	73.4	0.000474	0.00005	0.00001	17	0.9
34.04494	439.147061	388.7	73.4	0.000485	0.00006	0.00003	17	1.1
33.05011	433.140147	388.255071	73.4	0.000474	0.00004	0.00006	17	0.8
33.64035	426.872978	406.582297	73.4	0.000465	0.00005	0.00007	17	0.9
30.93815	418.521425	388	73.4	0.000449	0.00005	0.00008	17	0.9
28.7166	410.169873	388	73.5	0.000407	0.00005	0.00008	17	0.9
30.1113	401.818321	387.273458	73.7	0.000375	0.00005	0.00009	17	0.9
30.40672	393.466769	388.056033	73.9	0.000352	0.00004	0.00009	17	0.7
29.52233	387.400241	388.205128	74.1	0.000338	0.00004	0.00007	17	0.7
29.6786	383.303855	387.497382	74.2	0.000334	0.00005	0.00005	17	0.9
30.01072	379.20747	387.2	74.3	0.000329	0.00002	0.00003	17	0.3
29.44743	375.111084	387.727981	74.5	0.000321	0.00002	0.00003	17	0.4
29.1731	371.014699	381.504041	74.7	0.000314	0.00001	0.00003	17	0.3
29.22641	366.27446	387.170979	74.8	0.00032	0.00002	0.00004	17	0.3
30.22401	361.515673	386.612844	74.9	0.00033	0.00001	0.00007	17	0.2
30.19	356.756887	387.2	75	0.000322	0.00004	0.0001	17	0.8
29.96599	351.998101	387.2	75	0.000337	0.00003	0.00012	17	0.6
33.17618	346.580203	374.186122	75	0.000318	0.00005	0.00013	17	0.8
27.31076	340.13571	387.2	75.1	0.000219	0.00005	0.00012	17	1
24.85419	333.691216	387.2	75.2	0.00016	0.00005	0.00008	17	1.2
29.60189	327.246723	386.4	75.1	0.000195	0.00004	0.00006	17	1
32.75882	320.802229	367.210262	74.9	0.000292	0.00002	0.00006	17	0.4
35.44783	328.168218	383.636628	74.7	0.000391	0.00003	0.00012	17	0.5
35.98186	337.782425	387.2	74.6	0.000442	0.00003	0.00014	17	0.5
35.51278	347.396632	387.2	74.6	0.000466	0.00004	0.00012	17	0.6
34.95395	357.010839	387.2	74.7	0.000471	0.00005	0.00009	17	0.8
34.57602	366.625046	379.977808	74.8	0.000474	0.00005	0.00009	17	0.8
36.2053	373.662562	386.4	74.8	0.000538	0.00002	0.00011	17	0.3
42.58357	380.595509	386.4	74.7	0.000634	0.00002	0.00011	17	0.3
40.50482	387.528456	386.4	74.7	0.000629	0.00002	0.00008	17	0.3
38.69918	394.461403	385.95012	74.7	0.00059	0.00002	0.00006	17	0.3
40.68307	401.111297	392.431507	74.8	0.00059	0.00004	0.00004	17	0.5
40.68719	405.850032	384.644681	74.8	0.000623	0.00005	0.00004	17	0.8
41.6525	410.588767	383.776093	74.8	0.00065	0.00004	0.00002	17	0.5
41.27276	415.327502	383.4	74.9	0.000651	0.00006	0.00002	17	0.8
40.70436	420.066237	382.018104	74.9	0.000588	0.00004	0.00002	17	0.6
28.34233	418.905769	394.309724	74.9	0.000457	0.00003	0.00002	17	0.5
28.70597	408.969872	380.2	74.9	0.000384	0.00003	0.00004	17	0.6
30.41198	399.033974	378.765589	74.9	0.00035	0.00004	0.00006	17	0.8
31.37386	389.098077	377.767138	74.8	0.000357	0.00005	0.00008	17	0.9
29.94	379.162179	376.82	74.5	0.000366	0.00004	0.00008	17	0.7
30.36481	380.719789	376.4	74.2	0.000369	0.00002	0.00008	17	0.5
29.85224	386.702875	375.070064	73.9	0.00038	0.00004	0.00008	17	0.7
42.23528	392.685962	373.888479	73.6	0.000507	0.00004	0.0001	17	0.6
42.65226	398.669049	372.335414	73.3	0.000617	0.00001	0.00007	17	0.2
41.9717	404.652135	383.817814	73.1	0.000662	0.00001	0.00003	17	0.2

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157.57084	1	0.17275
158.519566	1	0.17288
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142.233658	1	0.17307
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102.618186	1	0.17342
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72.513525	1	0.17356
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82.174324	1	0.1737
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76.122853	1	0.17409
79.205196	1	0.17413
82.287539	1	0.17415
84.657073	1	0.17418
81.799347	1	0.17421
78.941621	1	0.17425
76.083895	1	0.1743
73.226169	1	0.17435
71.327893	1	0.17437
72.811573	1	0.17439
74.295252	1	0.17441
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78.272499	1	0.17472
79.94684	1	0.17476
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83.295521	1	0.17485
84.969862	1	0.17487
90.740204	1	0.17491
96.585625	1	0.17495
102.431046	1	0.17496
108.276467	1	0.17497

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41.08611	414.853398	368.164751	73.2	0.000633	0.00002	0	17	0.3
40.34303	419.950485	366.41979	73.4	0.000626	0.00001	0	17	0.2
40.38497	425.047573	366.290599	73.5	0.000626	0.00005	0	17	0.8
39.16172	425.313783	383.112039	73.7	0.000604	0.00006	0	17	0.9
36.59507	419.908965	362.868171	73.9	0.000548	0.00005	0	17	0.8
32.86313	414.504146	361.655191	73.9	0.000484	0.00004	0.00002	17	0.7
32.19267	409.099327	360.549822	73.9	0.000453	0.00004	0.00004	17	0.8
32.37178	403.694508	372.416872	73.9	0.00042	0.00004	0.00007	17	0.7
25.24896	379.607223	361.023338	73.7	0.000294	0.00004	0.00009	17	0.8
47.93716	352.300334	358.4	73.5	0.000201	0.00008	0.00015	17	1.1
49.48826	324.993445	356.8	73.2	0.000087	0.00012	0.00011	17	1.4
48.92538	297.686555	356.053226	72.6	0.000047	0.00008	0.00006	17	1
47.88609	273.702967	320.049126	71.7	0.000034	0.00008	0.00003	17	1.1
47.93971	299.146882	354.389035	70.8	0.000034	0.00001	0.00002	17	0.1
40.87475	324.590797	353.8	69.9	0.00006	0	0.00001	17	0
55.71388	350.034712	353.8	69	0.000434	0.00001	0	17	0.1
94.80507	375.478627	354.112071	68.1	0.001407	0.00001	0.00013	17	0.1
95.1637	396.779786	364.853826	67.3	0.00158	0.00046	0.00029	17	2.7
62.51979	412.914136	353.363404	67.2	0.000932	0.0007	0.00009	17	6.7
56.47519	429.048485	353	68	0.000864	0.0006	0.00001	17	6.6
48.34226	445.182835	352.897782	69.1	0.000847	0.00045	0	17	5.2
48.06939	461.317185	365.702024	69.8	0.000791	0.00032	0	17	4
59.66215	472.087621	378.040955	70.1	0.001002	0.00031	0	17	3.1
101.01023	479.161305	351.5	70.3	0.001778	0.00051	0	17	3
111.86333	486.234989	350.610214	70.3	0.001466	0.00099	0	17	6.1
59.36041	493.308674	350.172196	70.4	0.000901	0.0009	0	17	8.9
50.25393	500.382358	391.716736	71.2	0.000817	0.00064	0	17	7.2
40.71684	499.069748	349.1	72	0.000644	0.00038	0	17	5.3
37.45059	496.183464	349.1	72.5	0.000583	0.00027	0	17	4.2
42.71536	493.297179	348.735019	72.6	0.00069	0.00021	0	17	3
51.41133	490.410894	347.87354	72.5	0.000847	0.00014	0	17	1.7
53.31993	487.563963	411.316319	72.2	0.000881	0.00013	0	17	1.4
48.90658	484.845857	348.107029	71.9	0.000766	0.00011	0	17	1.3
43.52127	482.127751	347.7	71.9	0.000688	0.00009	0	17	1.2
42.27095	479.409645	348.4	71.8	0.000656	0.00013	0	17	1.8
44.70794	476.691539	363.240847	71.7	0.0007	0.0001	0	17	1.4
44.70548	476.452146	370.724374	71.6	0.00073	0.00011	0	17	1.5
49.26375	477.422601	348.4	71.5	0.000798	0.00012	0	17	1.5
49.85268	478.393056	349.202216	71.4	0.000813	0.00011	0	17	1.4
50.82054	479.363511	349.8	71.2	0.000833	0.00013	0	17	1.5
43.03093	480.292959	404.109649	71.1	0.000688	0.00013	0	17	1.7
38.98418	480.091797	351.650529	71.1	0.000605	0.00011	0	17	1.6
38.63107	479.890635	352.2	71	0.000621	0.00009	0	17	1.4
45.37346	479.689473	352.2	70.8	0.000729	0.00011	0	17	1.4
48.88537	479.48831	356.908923	70.5	0.000796	0.00007	0	17	0.8
73.81342	481.247535	385.921937	70.3	0.001167	0.0001	0	17	0.8
88.47798	484.540824	356.822742	70.2	0.001384	0.00025	0	17	1.8
68.15328	487.834114	359.127536	70.2	0.001054	0.00027	0	17	2.4
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44.60143	494.420692	389.454446	71.1	0.000704	0.00015	0	17	1.9
35.14278	480.352041	373.453314	71.5	0.000522	0.00015	0	17	2.5
35.40241	459.959192	363.868172	71.8	0.00048	0.00011	0	17	2
24.3122	439.566343	364.194627	71.5	0.000394	0.00008	0	17	1.6
21.85727	419.173494	364.6	71.3	0.000235	0.00006	0.00002	17	1.6
22.77655	401.90512	382.633043	71.1	0.000168	0.00007	0.00003	17	1.8
21.92241	396.979974	365.4	70.5	0.000152	0.00007	0.00003	17	1.8
25.09072	392.054828	365.4	69.7	0.000199	0.00007	0.00004	17	1.6
28.37279	387.129681	365.409671	69	0.000265	0.00006	0.00004	17	1.2
27.45959	382.204535	366.883333	68.3	0.000336	0.00004	0.00004	17	0.7
40.85376	395.650094	369.819732	67.8	0.00053	0.00004	0.00006	17	0.6
48.51738	421.704216	367.597669	67.3	0.000733	0.00005	0.00006	17	0.6
48.38009	447.758339	369.303117	66.9	0.000802	0.00005	0.00001	17	0.6

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115.802198	1	0.18551
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113.05552	1	0.18586
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102.96718	499.866583	406.699595	66.9	0.001812	0.00046	0	17	2.6
111.62726	506.323562	377.552975	67.1	0.001793	0.00187	0	17	10.1
100.18418	508.652329	375.996078	67.6	0.001466	0.00301	0	17	17.8
61.45594	510.981096	377.618694	68.7	0.000864	0.00188	0	17	18.4
50.26779	513.309863	377.9	70.1	0.000787	0.00122	0	17	14.2
46.04896	505.103422	417.687317	71.3	0.000726	0.00076	0	17	8.8
29.06076	483.810646	378.353871	72	0.000307	0.00029	0	17	5.4
45.41768	462.517871	377.910249	72.3	0.00012	0.00018	0	17	4
28.89536	441.225095	377.710213	72	0.000111	0.00013	0	17	2.9
50.37041	419.932319	384.213767	70.8	0.000488	0.00012	0	17	1.6
67.25107	424.886815	381.364151	69.6	0.000947	0.00007	0	17	0.6
67.59636	440.458183	378.53	69	0.001048	0.0001	0	17	0.9
51.51698	456.029552	379.26274	68.9	0.0008	0.0001	0	17	1.1
44.22507	471.600921	378.928754	69.3	0.000585	0.00013	0	17	2
61.68158	487.17229	416.398613	69.9	0.000908	0.00017	0	17	1.8
62.84154	484.928943	380.119915	70.2	0.000997	0.0001	0	17	1
55.78157	481.42674	379.579191	70.2	0.000938	0.00011	0	17	1.1
47.6734	477.924537	380.2	70.4	0.000721	0.00008	0	17	1
29.71547	474.422335	380.2	70.8	0.000467	0.00009	0	17	1.5
47.46604	476.634	413.059207	71.1	0.000672	0.0001	0	17	1.3
82.06517	487.634	380.2	71.2	0.001235	0.00022	0.00006	17	1.8
85.34747	498.634	380.734447	71	0.001386	0.00035	0.0001	17	2.5
78.61204	509.634	381.8	70.8	0.001233	0.00049	0.00003	17	3.8
64.77439	520.634	401.130313	71	0.001069	0.00043	0	17	3.9
76.36968	525.45693	397.530973	71.6	0.001235	0.00049	0	17	3.9
80.81787	527.556253	382.614414	72.2	0.001298	0.00053	0	17	4
80.39396	529.655576	383.650604	72.6	0.00125	0.00054	0	17	4.1
69.02728	531.754898	384.646968	72.9	0.001116	0.00051	0	17	4.3
57.90141	531.774867	449.219334	73.1	0.000927	0.00037	0	17	3.9
55.73417	525.997847	384.9	73.3	0.000891	0.00029	0	17	3.3
56.29116	520.220827	385.332676	73.5	0.000925	0.00026	0	17	2.7
56.75943	514.443807	386.4	73.5	0.0009	0.00025	0	17	2.6
47.80596	508.666787	392.121791	73.5	0.000773	0.00015	0	17	1.7
48.27588	503.51425	416.37018	73.6	0.000747	0.00014	0	17	1.7
48.31465	498.827077	387.2	73.6	0.000763	0.00019	0	17	2.3
47.35067	494.139904	387.2	73.5	0.000743	0.0002	0	17	2.5
43.06678	489.452731	388	73.6	0.000648	0.00017	0	17	2.3
37.21992	484.765558	408.116482	73.5	0.000525	0.00013	0	17	2.1
33.08696	476.80933	398.081071	73.5	0.000434	0.00011	0	17	2.1
29.33863	468.004959	388	73.5	0.000341	0.0001	0	17	2.1
28.54123	459.200588	388	73.5	0.000346	0.00013	0	17	2.3
43.98364	450.396218	388	73.3	0.000469	0.00014	0	17	2
51.4174	442.335556	410.56699	72.7	0.00068	0.00012	0	17	1.5
56.30817	454.78	389.6	72.3	0.000843	0.00011	0	17	1.2
56.44076	467.224444	389.900293	72.3	0.000866	0.00013	0	17	1.4
52.95297	479.668889	391.028795	72.4	0.000877	0.00012	0	17	1.3
55.1286	492.113333	397.613333	72.6	0.000933	0.00012	0	17	1.2
53.6847	497.373425	415.458003	73	0.000921	0.00013	0	17	1.3
50.36611	496.389173	392.492751	73.4	0.000808	0.00009	0	17	1
49.64067	495.404921	392.768852	73.7	0.000774	0.00008	0	17	1
49.95395	494.420669	393.4	74	0.000805	0.00007	0	17	0.8
50.55971	493.436417	427.916616	74.2	0.000815	0.00011	0	17	1.3
49.23326	491.539947	394.2	74.3	0.000774	0.00009	0	17	1.1
42.94775	489.608428	394.2	74.4	0.000684	0.00009	0	17	1.1
41.73117	487.67691	394.2	74.6	0.000635	0.0001	0	17	1.4
43.31269	485.745391	393.507296	74.6	0.000689	0.00009	0	17	1.3
44.37172	484.231558	425.465285	74.6	0.000698	0.00009	0	17	1.3
43.45906	483.326295	394.638073	74.6	0.000684	0.00009	0	17	1.2
43.72926	482.421032	394.350923	74.6	0.000682	0.00008	0	17	1.1
42.81393	481.515768	395	74.5	0.000682	0.00009	0	17	1.2
42.82616	480.610505	408.513158	74.5	0.00068	0.00006	0	17	0.9
43.01055	479.672826	409.080079	74.5	0.000679	0.00008	0	17	1.1

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146.100214	1	0.2032
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151.185251	1	0.20343
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42.86525	477.763619	394.361176	74.4	0.000679	0.00005	0	17	0.6
42.71349	476.809016	395	74.3	0.00068	0.00005	0	17	0.6
43.0245	475.854412	423.595885	74.3	0.00068	0.00004	0	17	0.5
42.83035	475.282306	395	74.3	0.000678	0.00004	0	17	0.6
42.59581	474.733319	395	74.2	0.000679	0.00005	0	17	0.8
43.28	474.184333	395	74.1	0.000677	0.0001	0	17	1.4
43.23801	473.635346	395	74.1	0.000679	0.00009	0	17	1.2
42.96451	473.080612	432.381097	74	0.000679	0.00008	0	17	1
42.731	472.50386	395.090071	73.9	0.000677	0.00008	0	17	1
42.95793	471.927107	395.182895	74	0.000681	0.00008	0	17	1.1
43.18727	471.350355	395.7	73.9	0.000681	0.00007	0	17	0.9
42.4615	470.773602	406.031034	73.9	0.000663	0.00007	0	17	0.9
42.31971	470.300271	406.674179	73.9	0.00066	0.00005	0	17	0.7
42.31582	469.871474	395.7	73.8	0.00066	0.00004	0	17	0.6
42.10193	469.442677	395.7	73.8	0.000653	0.00006	0.00002	17	0.9
41.97524	469.013879	396.317143	73.6	0.000654	0.00006	0	17	0.8
41.58599	469.173289	427.791092	73.5	0.000659	0.00003	0	17	0.5
42.61359	470.939294	397.112886	73.4	0.000661	0.00004	0	17	0.6
42.77093	472.705298	397.082424	73.3	0.000689	0.00004	0.00001	17	0.6
47.23895	474.471302	397.4	73.2	0.000754	0.00004	0.00002	17	0.5
48.29558	476.237307	414.30088	73.1	0.000795	0.00005	0.00002	17	0.7
50.22506	479.761915	407.69473	73.1	0.000807	0.00005	0.00001	17	0.6
56.33182	483.910851	398.093913	73	0.000915	0.00011	0	17	1.2
57.08927	488.059787	398.9	73	0.000945	0.00012	0	17	1.3
57.77533	492.208723	399.317184	73	0.000949	0.00011	0	17	1.1
57.4866	496.251229	439.343361	73.1	0.000936	0.00013	0	17	1.3
57.24	497.599348	399.077021	73.3	0.000922	0.0001	0	17	1
56.75148	498.947467	399.7	73.2	0.000909	0.00009	0	17	0.9
59.34906	500.295586	399.070145	73.2	0.000929	0.00004	0	17	0.5
56.44339	501.643705	400.123796	73.1	0.000943	0.00009	0	17	1
57.92912	501.316511	429.981397	73.1	0.000929	0.00009	0	17	1
57.57235	498.848426	399.7	73	0.000923	0.0001	0	17	1
54.11052	496.38034	399.7	72.8	0.000871	0.0001	0	17	1.1
46.16104	493.912255	399.510846	72.6	0.000738	0.00006	0	17	0.7
44.76829	491.44417	417.981502	72.3	0.000703	0.00008	0	17	1
47.35129	492.821335	404.790166	72	0.000752	0.00006	0	17	0.7
47.10612	495.556565	398.9	71.5	0.000778	0.00005	0	17	0.6
52.26192	498.291794	398.2	71.1	0.000876	0.00005	0	17	0.6
53.61411	501.027024	398.2	70.7	0.000873	0.00006	0	17	0.7
45.84195	502.992657	450.204026	70.3	0.000705	0.00012	0	17	1.6
31.10667	501.174062	397.973333	70.2	0.000496	0.0001	0	17	1.6
43.6	499.355467	396.981053	70.3	0.000647	0.00012	0	17	1.6
49.75005	497.536872	396.6	70.2	0.00078	0.00009	0	17	1.1
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79.47691	498.81583	406.914844	70.1	0.001279	0.00011	0	17	0.8
79.92257	503.381844	396.6	70.3	0.001294	0.00027	0	17	2.1
66.1795	507.947857	396.914066	70.8	0.001035	0.00032	0	17	2.9
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50.03636	522.163389	396.6	74.3	0.000826	0.0001	0	17	1.1
77.73301	523.974515	397.374138	74.6	0.001187	0.00019	0	17	1.6
55.96526	526.170873	434.503175	74.8	0.00087	0.00033	0	17	3.3
51.09437	528.769796	397.4	75	0.000963	0.00035	0	17	3.5
86.37882	531.368719	397.627549	75.4	0.001325	0.00045	0	17	3.3
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65.7768	534.001216	461.401471	76.2	0.001055	0.00049	0	17	4.4
62.97036	524.832485	399.310256	76.8	0.001019	0.00041	0	17	3.8
47.36364	515.663753	399.7	77.5	0.000667	0.00032	0	17	3.5
43.63371	506.495021	399.7	77.9	0.000496	0.00028	0	17	3.6
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333.162482	1	0.20997
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09:42:12.593	190.9	77.9	1921
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09:42:14.593	190.6	76.3	1922
09:42:15.593	190.5	69.1	1919
09:42:16.593		75.9	1916
09:42:17.593		78.4	1914
09:42:18.593		78.1	1913
09:42:19.593		78.4	1911
09:42:20.593		90.1	1911
09:42:21.593		82.3	1916
09:42:22.593		81.1	1924
09:42:23.593		77.8	1934
09:42:24.593	190.9	80.2	1940
09:42:25.593	191	80.7	1948
09:42:26.593	191.1	82	1953
09:42:27.593	191.1	80.1	1957
09:42:28.593	191.2	78.5	1966
09:42:29.593	191.2	76.2	1967
09:42:30.593	191.3	76.2	1976
09:42:31.593	191.4	78.4	1975
09:42:32.593	191.4	79.7	1978
09:42:33.593	191.5	79.4	1980
09:42:34.593	191.6	78.3	1980
09:42:35.593	191.6	79.2	1981
09:42:36.593	191.7	75	1982
09:42:37.593	191.8	61	1972
09:42:38.593	191.8	32.9	1953
09:42:39.593	191.9	57.2	1938

81.52	503.459018	410.48703	77.9	0.001303	0.00034	0	17	2.5
80.59325	513.932725	402.098118	77.5	0.001302	0.00043	0	17	3.2
81.15286	524.406432	402.365193	77.6	0.001281	0.00052	0	17	3.9
81.67053	534.880139	403.38476	78.2	0.001273	0.00056	0	17	4.3
65.00858	540.727757	471.944206	78.7	0.000991	0.00053	0	17	4.4
40.55858	525.065369	404.431391	79.3	0.000386	0.00025	0	17	4
44.52463	509.40298	403.8	79.8	0.000422	0.00029	0	17	3.8
52.28688	493.740592	403.8	80	0.000594	0.00022	0	17	2.6
49.47572	478.078203	410.579039	79.5	0.00066	0.00023	0	17	2.8
46.4619	476.378869	419.883181	79	0.000665	0.00019	0.00002	17	2.5
46.31584	484.790713	403.8	78.9	0.000697	0.00018	0	17	2.3
53.67337	493.202557	403.8	78.8	0.000841	0.00018	0	17	2
68.36843	501.614401	404.36599	78.8	0.001084	0.00023	0	17	2.1
68.90918	509.1039	453.988546	78.8	0.001099	0.00026	0	17	2.2
68.12658	509.955536	405.5	78.9	0.001067	0.00032	0	17	2.7
68.30046	510.807172	405.5	79.1	0.001045	0.00036	0	17	3.2
67.71634	511.658808	405.5	79.4	0.001049	0.00039	0	17	3.4
65.0007	512.510444	417.122763	79.7	0.000906	0.00035	0	17	3.1
38.76451	487.423279	423.829829	80	0.000378	0.00023	0	17	3.4
30.61027	448.973701	405.5	80.2	0.00018	0.00023	0	17	3.3
52.60696	410.524123	404.7	80.3	0.000088	0.00024	0	17	2.8
37.28411	372.074545	404.7	79.7	0.000037	0.00013	0	17	2.2
30.61872	341.525459	371.906161	78.6	0.000047	0.00004	0	17	0.9
30.74772	353.078997	403.8	77.5	0.000124	0.00003	0	17	0.6
34.38073	364.632536	403.420984	76.5	0.00028	0.00005	0	17	0.9
39.92585	376.186074	403.591421	75.7	0.000457	0.00003	0.00003	17	0.5
39.86679	387.739612	402.317252	75.1	0.00055	0.00006	0.00007	17	0.8
41.56614	398.706356	400.10597	74.8	0.000608	0.00006	0.00008	17	0.8
41.70862	408.373096	402.443401	74.6	0.000627	0.00007	0.00006	17	0.9
41.65739	418.039837	402.1	74.5	0.000639	0.00007	0.00006	17	1
41.02276	427.706577	402.1	74.5	0.000637	0.00007	0.00005	17	1
41.69408	437.373317	410.847936	74.5	0.000651	0.00007	0.00004	17	1
47.77413	443.942384	405.357513	74.5	0.000753	0.00008	0.00005	17	1.1
48.96433	449.637748	401.3	74.4	0.000789	0.00009	0.00005	17	1.1
48.27182	455.333113	401.02459	74.3	0.000773	0.0001	0.00003	17	1.2
47.95305	461.028477	399.966031	74.3	0.000752	0.00014	0.00002	17	1.7
47.53044	465.3	428.239535	74.3	0.000745	0.00009	0.00002	17	1.1
45.66373	465.3	398.668377	74.3	0.000706	0.00011	0	17	1.4
41.2936	465.3	397.350588	74.3	0.000634	0.00011	0.00001	17	1.6
39.09888	465.3	395.805058	74.4	0.000598	0.0001	0.00002	17	1.4
41.22242	465.3	400.615833	74.4	0.000628	0.0001	0.00002	17	1.4
42.07435	469.17501	410.304084	74.2	0.000654	0.00012	0.00002	17	1.8
42.7892	475.731711	393.160084	74.1	0.000677	0.00011	0.00004	17	1.5
51.70058	482.288412	392.7	74.1	0.000868	0.00013	0.00005	17	1.5
62.17945	488.845113	391.616549	74	0.001003	0.00016	0.00006	17	1.6
61.86169	495.401814	412.874657	73.9	0.001046	0.00019	0.00006	17	1.8
63.26403	498.612245	397.9905	74	0.001018	0.00023	0.00003	17	2.2
61.86599	500.653061	388	74.2	0.000994	0.00025	0.00001	17	2.4
60.60681	502.693878	387.521039	74.5	0.000974	0.00026	0	17	2.6
60.95972	504.734694	386.550411	74.8	0.000979	0.00026	0	17	2.6
61.97466	505.868444	437.3574	75	0.000999	0.00029	0	17	2.8
59.76896	504.692715	386.120165	75.3	0.000986	0.00028	0	17	2.7
59.66076	503.516985	385.7	75.6	0.000944	0.00022	0.00001	17	2.2
56.12829	502.341256	385.715823	75.9	0.000897	0.00026	0.00003	17	2.7
56.25429	501.165526	393.542271	76.1	0.000869	0.00025	0.00003	17	2.7
55.74683	500.498013	416.526829	76.3	0.000884	0.00027	0.00002	17	3
56.40974	500.301507	386.132944	76.5	0.000895	0.00026	0	17	2.7
56.45033	500.105	386.4	76.5	0.000901	0.00025	0.00001	17	2.7
56.72935	499.908493	387.2	76.6	0.000903	0.00029	0.00003	17	3.1
55.14075	499.711987	426.364355	76.6	0.00088	0.00031	0.00003	17	3.2
48.75415	490.061459	388	76.6	0.000649	0.0003	0.00002	17	3.7
23.84896	479.796772	388	76.6	0.000316	0.0002	0.00003	17	3.9
33.63019	469.532085	388	76.6	0.000319	0.00022	0.00003	17	3.9

281.087639	1	0.214
260.81295	1	0.21443
240.53826	1	0.21495
220.263571	1	0.21551
199.988882	1	0.21604
187.017316	1	0.21629
182.688312	1	0.21658
178.359307	1	0.2168
174.030303	1	0.21703
169.701299	1	0.21722
161.840827	1	0.2174
153.297662	1	0.21758
144.754496	1	0.21781
136.211331	1	0.21807
131.876011	1	0.21839
134.122192	1	0.21875
136.368374	1	0.21914
138.614555	1	0.21949
140.860737	1	0.21972
114.235567	1	0.21995
85.702057	1	0.22019
57.168547	1	0.22032
28.635036	1	0.22036
19.396115	1	0.22039
37.132601	1	0.22044
54.869088	1	0.22047
72.605574	1	0.22053
90.342061	1	0.22059
95.559698	1	0.22066
94.913147	1	0.22073
94.266595	1	0.2208
93.620043	1	0.22087
93.326549	1	0.22095
101.29115	1	0.22104
109.255752	1	0.22114
117.220354	1	0.22128
125.184956	1	0.22137
127.658369	1	0.22148
125.083262	1	0.22159
122.508155	1	0.22169
119.933047	1	0.22179
117.35794	1	0.22191
117.361006	1	0.22202
117.780294	1	0.22215
118.199581	1	0.22231
118.618868	1	0.2225
119.24	1	0.22273
121.877363	1	0.22298
124.514725	1	0.22324
127.152088	1	0.2235
129.789451	1	0.22379
132.363579	1	0.22407
134.884058	1	0.22429
137.404537	1	0.22455
139.925016	1	0.2248
142.445495	1	0.22507
141.459851	1	0.22533
139.485301	1	0.22558
137.51075	1	0.22587
135.5362	1	0.22618
134.857511	1	0.22648
138.720172	1	0.22668
142.582833	1	0.2269

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09:42:41.593	192	80.8	1929
09:42:42.593	192.1	78.1	1928
09:42:43.593	192.2	77	1927
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09:42:45.593		77.9	1926
09:42:46.593		77.3	1927
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09:42:54.593	192.2	79.1	1923
09:42:55.593	192.2	76.7	1924
09:42:56.593	192.2	75.7	1922
09:42:57.593	192.2	77.8	1922
09:42:58.593	192.2	78.7	1924
09:42:59.593	192.2	78.1	1921
09:43:00.593	192.2	76.3	1924
09:43:01.593	192.2	77.1	1923
09:43:02.593	192.2	79.9	1923
09:43:03.593	192.2	78.7	1923
09:43:04.593	192.2	78.2	1923
09:43:05.593	192.2	78.4	1920
09:43:06.593	192.2	80	1919
09:43:07.593	192.2	78.8	1919
09:43:08.593	192.2	77.2	1919
09:43:09.593	192.2	76.5	1921
09:43:10.593	192.2	76.5	1922
09:43:11.593	192.2	76.4	1925
09:43:12.593		76.5	1923
09:43:13.593		78.6	1923
09:43:14.593		79.5	1921
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09:43:16.593		78	1923
09:43:17.593		77.2	1923
09:43:18.593		78	1921
09:43:19.593	192.7	80	1921
09:43:20.593	192.8	79.5	1921
09:43:21.593	192.8	79.2	1921
09:43:22.593	192.9	79.2	1920
09:43:23.593	193	79	1920
09:43:24.593	193	78.5	1921
09:43:25.593	193.1	81	1918
09:43:26.593	193.2	82.5	1920
09:43:27.593	193.2	81.4	1917
09:43:28.593	193.3	78.7	1918
09:43:29.593	193.4	77	1919
09:43:30.593	193.4	77.9	1920
09:43:31.593	193.5	78.9	1920
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09:43:33.593	193.6	80.6	1919
09:43:34.593	193.7	79.4	1920
09:43:35.593	193.8	77.3	1920
09:43:36.593	193.8	77.3	1922
09:43:37.593	193.9	77.5	1922
09:43:38.593	194	78.2	1919
09:43:39.593		80.7	1921
09:43:40.593		80.5	1922
09:43:41.593		77.5	1924
09:43:42.593		74.2	1928

42.62788	459.267398	387.41352	76.2	0.00056	0.00023	0.00007	17	3.2
50.40343	453.849544	414.954008	75.4	0.000741	0.00023	0.00007	17	2.7
49.22965	460.183601	388.264526	74.9	0.000767	0.00024	0.00007	17	2.9
47.06988	466.517657	389.179922	74.7	0.000736	0.00025	0.00005	17	3.2
46.73097	472.851714	389.6	74.6	0.000728	0.00027	0.00002	17	3.5
46.88224	479.18577	400.61519	74.6	0.000734	0.00027	0.00002	17	3.5
45.28035	481.443112	405.322879	74.6	0.000728	0.00023	0.00002	17	3
45.18539	481.799581	390.4	74.6	0.000719	0.00023	0.00003	17	2.9
45.43164	482.156049	391.1	74.6	0.000726	0.00019	0.00005	17	2.4
46.54533	482.512518	391.1	74.5	0.000739	0.00025	0.00005	17	3.2
46.8	482.868987	421.617297	74.5	0.000754	0.00026	0.00005	17	3.3
47.71696	483.627007	393.011414	74.5	0.000775	0.00025	0.00005	17	3.1
50.03392	484.423291	392.072289	74.5	0.000755	0.00029	0.00005	17	3.6
45.5412	485.219575	392.7	74.5	0.000736	0.00031	0.00002	17	3.9
46.19383	486.015859	392.7	74.5	0.000734	0.00034	0.00002	17	4.3
46.67013	486.10404	423.602388	74.5	0.000722	0.00032	0	17	4.1
44.48284	485.093939	393.4	74.5	0.0007	0.00033	0	17	4.3
44.54954	484.083838	393.4	74.5	0.000692	0.0003	0	17	4
43.78683	483.073737	393.731731	74.6	0.000693	0.00027	0	17	3.6
44.70297	482.063636	424.592308	74.5	0.000703	0.00028	0	17	3.7
44.00582	481.443409	394.2	74.5	0.000691	0.00024	0	17	3.3
43.24633	480.849395	394.2	74.5	0.000685	0.00024	0	17	3.3
44.94825	480.25538	394.848352	74.5	0.000702	0.00022	0	17	3
45.76696	479.661366	402.111096	74.4	0.000727	0.00023	0	17	3
45.15545	480.121132	416.21684	74.3	0.000729	0.00025	0	17	3.3
45.74693	481.408866	395.7	74.3	0.000743	0.00021	0	17	2.7
48.29191	482.696601	395.937406	74.3	0.000773	0.00029	0	17	3.6
49.96514	483.984336	397.133333	74.2	0.000797	0.0003	0	17	3.6
49.09022	485.272071	420.369874	74.2	0.000783	0.0003	0	17	3.6
48.70102	484.012197	398.905861	74.2	0.000767	0.00035	0	17	4.3
47.27236	482.204416	398.2	74.2	0.000738	0.00035	0	17	4.4
45.74	480.396636	398.662481	74.3	0.000707	0.00032	0	17	4.2
43.45113	478.588856	400.205062	74.4	0.00068	0.00034	0	17	4.7
44.09881	477.861346	424.037516	74.5	0.000685	0.00033	0	17	4.5
45.53531	478.438269	399.7	74.5	0.000712	0.0003	0	17	3.9
45.30545	479.015192	399.7	74.4	0.000735	0.00031	0.00001	17	4
46.42384	479.592115	399.8762	74.3	0.000744	0.0003	0.00002	17	3.8
45.53995	480.169038	416.114844	74.3	0.000733	0.00027	0.00002	17	3.5
46.39382	481.01806	408.996799	74.3	0.000732	0.00028	0.00002	17	3.6
47.38608	481.946986	400.5	74.4	0.000747	0.0003	0.00002	17	3.8
48.60691	482.875913	401.3	74.4	0.000781	0.0003	0.00002	17	3.7
49.22052	483.804839	401.3	74.3	0.000794	0.00031	0.00003	17	3.7
49.83153	484.849405	442.427092	74.3	0.000803	0.00035	0.00003	17	4.2
49.83923	486.581381	401.495899	74.3	0.000805	0.0004	0.00003	17	4.8
49.51784	488.313358	402.1	74.3	0.000796	0.00043	0.00003	17	5.1
49.57605	490.045334	402.84	74.3	0.000778	0.00042	0.00002	17	5.2
51.51766	491.777311	407.87537	74.3	0.000831	0.00045	0.00003	17	5.2
53.68504	492.6	424.496898	74.3	0.000874	0.00047	0.00003	17	5.2
54.16524	492.6	402.9	74.2	0.000891	0.00046	0.00003	17	5
53.87904	492.6	402.989503	74.2	0.000854	0.00049	0.00003	17	5.4
52.74735	492.6	403.303883	74.2	0.000846	0.00051	0.00003	17	5.7
52.85352	492.608707	439.090424	74.2	0.00084	0.00054	0.00003	17	6.1
53.08452	492.97149	403.066596	74.3	0.000844	0.00054	0.00003	17	6.1
53.65253	493.334272	403.8	74.2	0.000861	0.00057	0.00003	17	6.4
54.88006	493.697055	403.8	74.2	0.000881	0.00054	0.00003	17	6
54.1442	494.059838	403.8	74.2	0.000866	0.00055	0.00003	17	6
51.93285	494.372782	437.064776	74.3	0.000822	0.00054	0.00003	17	6.2
50.41633	494.588114	402.9	74.3	0.00079	0.00056	0.00003	17	6.5
49.90716	494.803445	402.9	74.3	0.000769	0.00057	0.00004	17	7
49.83856	495.018777	403.691262	74.4	0.000774	0.00063	0.00002	17	7.8
51.06399	495.234109	415.916968	74.4	0.000825	0.00065	0.00005	17	7.6
50.54639	493.871176	417.965953	74.3	0.000829	0.00065	0.00005	17	7.4
49.29591	491.812353	402.9	74.3	0.000781	0.0006	0.00005	17	7.1

146.445494	1	0.22713
150.308155	1	0.22736
150.293275	1	0.2276
147.256399	1	0.22785
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141.182646	1	0.22839
138.14577	1	0.22862
135.007544	1	0.22885
131.864208	1	0.22904
128.720872	1	0.22929
125.577536	1	0.22955
124.140788	1	0.2298
130.478497	1	0.23009
136.816206	1	0.2304
143.153916	1	0.23074
149.491625	1	0.23106
145.7024	1	0.23139
138.750168	1	0.23169
131.797937	1	0.23196
124.845705	1	0.23224
119.324113	1	0.23248
117.093464	1	0.23272
114.862815	1	0.23294
112.632166	1	0.23317
110.401517	1	0.23342
112.131254	1	0.23363
114.730344	1	0.23392
117.329435	1	0.23422
119.928525	1	0.23452
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123.87843	1	0.23522
125.439884	1	0.23554
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128.562793	1	0.23621
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123.501279	1	0.23682
120.304348	1	0.23712
117.107417	1	0.23739
114.036324	1	0.23767
115.333622	1	0.23797
116.630919	1	0.23827
117.928216	1	0.23858
119.225514	1	0.23893
120.7117	1	0.23933
122.477704	1	0.23976
124.243709	1	0.24018
126.009713	1	0.24063
127.775717	1	0.2411
130.910647	1	0.24156
134.244721	1	0.24205
137.578795	1	0.24256
140.91287	1	0.2431
142.519486	1	0.24364
141.23469	1	0.24421
139.949893	1	0.24475
138.665096	1	0.2453
137.3803	1	0.24584
137.742303	1	0.2464
138.79671	1	0.24697
139.851118	1	0.2476
140.905525	1	0.24825
141.959933	1	0.2489
140.974195	1	0.2495

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09:43:44.593		77.3	1927
09:43:45.593		78.8	1925
09:43:46.593		79.5	1925
09:43:47.593	193.5	80.1	1923
09:43:48.593	193.4	78	1922
09:43:49.593	193.3	78.2	1922
09:43:50.593	193.3	78.7	1924
09:43:51.593	193.2	77.3	1924
09:43:52.593	193.1	77.3	1923
09:43:53.593	193.1	77.3	1923
09:43:54.593	193	77.6	1923
09:43:55.593	192.9	79.2	1921
09:43:56.593	192.9	79.7	1922
09:43:57.593	192.8	78.4	1920
09:43:58.593	192.7	78	1919
09:43:59.593	192.7	76.8	1922
09:44:00.593	192.6	76.2	1925
09:44:01.593	192.5	75.3	1926
09:44:02.593	192.5	75	1924
09:44:03.593	192.4	75.2	1923
09:44:04.593	192.4	74.8	1925
09:44:05.593	192.3	73.3	1924
09:44:06.593	192.2	72.9	1921
09:44:07.593		74.3	1920
09:44:08.593		75.7	1920
09:44:09.593		76.2	1918
09:44:10.593		77.2	1916
09:44:11.593		81.8	1916
09:44:12.593		79.2	1917
09:44:13.593		77.8	1917
09:44:14.593		79.9	1919
09:44:15.593	192.2	79.5	1919
09:44:16.593	192.2	79.4	1918
09:44:17.593	192.2	78.7	1918
09:44:18.593	192.2	78.7	1919
09:44:19.593	192.2	79.2	1921
09:44:20.593	192.2	76.9	1921
09:44:21.593	192.2	77.5	1922
09:44:22.593	192.2	76.7	1923
09:44:23.593	192.2	78.2	1921
09:44:24.593	192.2	80.6	1922
09:44:25.593	192.2	76.7	1924
09:44:26.593	192.2	77.2	1926
09:44:27.593	192.2	75.2	1926
09:44:28.593	192.2	75	1924
09:44:29.593	192.2	76.1	1923
09:44:30.593	192.2	77	1921
09:44:31.593	192.2	77.7	1920
09:44:32.593	192.2	77.7	1920
09:44:33.593	192.2	78	1921
09:44:34.593	192.2	76.8	1921
09:44:35.593		76.4	1922
09:44:36.593		76.9	1922
09:44:37.593		76.7	1922
09:44:38.593		76.2	1924
09:44:39.593		75.6	1925
09:44:40.593		75.3	1923
09:44:41.593		76.9	1921
09:44:42.593		77.9	1922
09:44:43.593	192.2	77	1923
09:44:44.593	192.2	75.8	1922
09:44:45.593	192.2	76.6	1923

45.83071	489.753529	402.9	74.4	0.000718	0.00056	0.00005	17	7.1
44.16936	487.694706	402.9	74.5	0.000686	0.00055	0.00005	17	7.3
44.29365	485.635882	430.831543	74.6	0.000691	0.00054	0.00004	17	7.2
44.96723	485.5	402.180108	74.6	0.000714	0.00055	0.00005	17	7.2
46.63065	485.5	403.354751	74.5	0.000744	0.00053	0.00005	17	6.8
46.26251	485.5	402.112555	74.5	0.000755	0.00053	0.00005	17	6.6
47.31347	485.5	406.303082	74.5	0.00076	0.00053	0.00006	17	6.6
47.65886	485.187652	421.895331	74.5	0.000754	0.00055	0.00007	17	6.8
47.89757	484.643491	402.1	74.5	0.000752	0.00053	0.00007	17	6.6
47.12588	484.09933	402.1	74.4	0.000743	0.0005	0.00007	17	6.3
46.528	483.55517	402.1	74.3	0.000731	0.00053	0.00007	17	6.9
45.44682	483.011009	419.378383	74.4	0.000716	0.00054	0.00007	17	7
44.64097	483.203136	409.210821	74.5	0.00071	0.00053	0.00005	17	7.1
46.33516	483.583961	402.1	74.5	0.000745	0.00059	0.00005	17	7.6
48.0314	483.964785	402.1	74.4	0.000766	0.00058	0.00007	17	7.2
46.7891	484.345609	402.1	74.3	0.000771	0.00061	0.00007	17	7.5
48.34177	483.906226	432.666991	74.3	0.000762	0.0006	0.00007	17	7.3
45.55209	481.816543	402.1	74.3	0.000714	0.00059	0.00007	17	7.7
43.00705	479.726861	402.1	74.3	0.000672	0.00057	0	17	7.7
41.59584	477.637179	402.253991	74.4	0.000647	0.00055	0	17	7.7
40.81341	475.547497	418.14065	74.5	0.000627	0.0005	0	17	7.4
39.91277	473.49102	407.33281	74.5	0.000621	0.00047	0	17	7
39.47606	471.446332	402.1	74.5	0.000618	0.00042	0	17	6.3
39.9688	469.401644	402.9	74.5	0.000615	0.00042	0	17	6.3
40.90899	467.356956	402.9	74.5	0.000628	0.00038	0	17	5.6
40.57422	465.312268	427.120506	74.4	0.000632	0.00034	0	17	5
40.97292	468.530099	403.065677	74.3	0.000642	0.00035	0.00001	17	5
42.07098	471.779696	403.434156	74.3	0.000654	0.00041	0.00006	17	5.9
46.40327	475.029292	403.631587	74.3	0.000729	0.00046	0.00007	17	6.1
49.20144	478.278889	411.687578	74.2	0.000788	0.0005	0.00007	17	6.1
50.28766	480.592881	416.842857	74.1	0.000815	0.00058	0.00008	17	6.8
51.65737	482.414073	403.8	74.2	0.000822	0.00061	0.00008	17	7.1
51.71238	484.235265	404.7	74.3	0.000827	0.00067	0.00008	17	7.7
52.07754	486.056457	404.7	74.2	0.000827	0.00074	0.00006	17	8.6
51.42431	487.877649	427.338255	74.2	0.00083	0.00079	0.00005	17	9
50.77249	487.901366	408.826352	74.3	0.000831	0.0008	0.00005	17	9.1
50.65061	487.538506	405.5	74.3	0.000823	0.00081	0.00005	17	9.4
49.85949	487.175646	405.5	74.3	0.000804	0.00081	0.00005	17	9.5
48.8443	486.812785	405.5	74.3	0.000772	0.00079	0.00005	17	9.5
47.30666	486.298933	444.559508	74.3	0.000734	0.00078	0.00005	17	9.8
45.22	484.841925	405.5	74.4	0.000703	0.00074	0.00005	17	9.8
46.69386	483.384917	405.158023	74.5	0.000727	0.00072	0.00007	17	9.3
46.96619	481.927909	405.282392	74.5	0.00074	0.00071	0.00007	17	9
42.9251	480.470901	404.838478	74.4	0.000683	0.00064	0.00007	17	8.7
41.82585	479.149839	437.92253	74.4	0.00064	0.00066	0.00006	17	9.4
41.02607	478.205836	405.184906	74.5	0.000621	0.00065	0.00006	17	9.7
40.41345	477.261832	404.7	74.5	0.000631	0.00064	0.00006	17	9.4
41.13436	476.317829	404.7	74.5	0.000644	0.00061	0.00006	17	8.9
42.81295	475.373825	408.779412	74.5	0.000661	0.00061	0.00006	17	8.6
42.60192	474.651464	420.414633	74.5	0.000677	0.00058	0.00008	17	8.1
43.71256	474.074418	404.7	74.4	0.000694	0.00058	0.00009	17	7.9
43.2206	473.497371	403.8	74.3	0.000692	0.00058	0.00009	17	7.9
42.71915	472.920325	404.171329	74.3	0.000673	0.00056	0.00007	17	7.8
43.07195	472.343278	427.665479	74.3	0.000676	0.00058	0.00007	17	7.9
41.82428	471.783684	403.8	74.3	0.000665	0.00057	0.00006	17	7.9
42.19	471.225505	403.8	74.3	0.000661	0.00053	0.00006	17	7.4
41.57923	470.667325	403.8	74.4	0.000646	0.00052	0.00008	17	7.5
41.76976	470.109146	403.8	74.5	0.000644	0.00052	0.00008	17	7.5
41.61155	469.596244	432.609909	74.5	0.000652	0.00049	0.00008	17	7
42.50675	469.207642	403.8	74.5	0.000666	0.00048	0.00009	17	6.7
42.53099	468.819041	403.23342	74.4	0.000664	0.00046	0.00009	17	6.5
42.2213	468.43044	403.747757	74.3	0.000669	0.00053	0.00007	17	7.3
42.76121	468.041839	412.422863	74.3	0.000678	0.00053	0.00007	17	7.2

139.907869	1	0.25006
138.841544	1	0.25061
137.775219	1	0.25115
135.709365	1	0.2517
130.981765	1	0.25223
126.254165	1	0.25276
121.526565	1	0.25329
116.798964	1	0.25384
117.56924	1	0.25437
119.457616	1	0.25487
121.345992	1	0.2554
123.234368	1	0.25594
124.910571	1	0.25647
123.53474	1	0.25706
122.158909	1	0.25764
120.783077	1	0.25825
119.407246	1	0.25885
117.622309	1	0.25944
115.665362	1	0.26001
113.708415	1	0.26056
111.751468	1	0.26106
109.53481	1	0.26153
105.10443	1	0.26195
100.674051	1	0.26237
96.243671	1	0.26275
91.813291	1	0.26309
90.153759	1	0.26344
93.314744	1	0.26385
96.475728	1	0.26431
99.636713	1	0.26481
102.797697	1	0.26539
108.72296	1	0.266
114.837234	1	0.26667
120.951507	1	0.26741
127.065781	1	0.2682
132.574894	1	0.269
135.553617	1	0.26981
138.53234	1	0.27062
141.511064	1	0.27141
144.489787	1	0.27219
144.111492	1	0.27293
140.280847	1	0.27365
136.450202	1	0.27436
132.619556	1	0.275
128.788911	1	0.27566
123.575284	1	0.27631
117.149925	1	0.27695
110.724566	1	0.27756
104.299208	1	0.27817
97.873849	1	0.27875
96.811395	1	0.27933
96.593102	1	0.27991
96.374809	1	0.28047
96.156516	1	0.28105
95.880817	1	0.28162
95.459676	1	0.28215
95.038534	1	0.28267
94.617393	1	0.28319
94.196252	1	0.28368
93.764654	1	0.28416
93.323931	1	0.28462
92.883208	1	0.28515
92.442486	1	0.28568

09:44:46.593	192.2	76.8	1922
09:44:47.593	192.2	79.6	1921
09:44:48.593	192.2	76.9	1921
09:44:49.593	192.2	76	1921
09:44:50.593	192.2	77.6	1920
09:44:51.593	192.2	80.2	1918
09:44:52.593	192.2	80.1	1919
09:44:53.593	192.2	77.2	1919
09:44:54.593	192.2	76.7	1921
09:44:55.593	192.2	75.9	1921
09:44:56.593	192.2	77	1921
09:44:57.593	192.2	78	1921
09:44:58.593	192.2	76.3	1925
09:44:59.593	192.2	74.5	1924
09:45:00.593	192.2	74.5	1924
09:45:01.593	192.2	75.6	1924
09:45:02.593	192.2	74.2	1923
09:45:03.593		75.5	1922
09:45:04.593		73.9	1922
09:45:05.593		71.6	1920
09:45:06.593		69.4	1925
09:45:07.593		66.6	1925
09:45:08.593		62.6	1926
09:45:09.593		59.2	1927
09:45:10.593		55.9	1930
09:45:11.593	192.2	52.1	1929
09:45:12.593	192.2	54	1923
09:45:13.593	192.2	59.5	1919
09:45:14.593	192.2	62.3	1920
09:45:15.593	192.2	60.3	1922
09:45:16.593	192.2	60	1921
09:45:17.593	192.2	62	1923
09:45:18.593	192.2	59.2	1923
09:45:19.593	192.2	58.7	1919
09:45:20.593	192.2	61	1919
09:45:21.593	192.2	60.3	1919
09:45:22.593	192.2	67.9	1917
09:45:23.593	192.2	71.1	1915
09:45:24.593	192.2	69.9	1915
09:45:25.593	192.2	76.8	1914
09:45:26.593	192.2	77.7	1912
09:45:27.593	192.2	77.8	1911
09:45:28.593	192.2	78	1917
09:45:29.593	192.2	77.3	1918
09:45:30.593	192.2	74.3	1921
09:45:31.593		75.2	1921
09:45:32.593		75.6	1917
09:45:33.593		76.5	1916
09:45:34.593		76.5	1914
09:45:35.593		76.5	1916
09:45:36.593		65.9	1914
09:45:37.593	192.2	51.9	1910
09:45:38.593	192.2	53.1	1898
09:45:39.593	192.2	55.7	1886
09:45:40.593	192.2	64.7	1879
09:45:41.593	192.2	64.4	1874
09:45:42.593	192.2	62.4	1869
09:45:43.593	192.2	57.6	1860
09:45:44.593	192.2	53	1852
09:45:45.593	192.2	49.7	1842
09:45:46.593	192.2	47.1	1831
09:45:47.593	192.2	41.2	1825
09:45:48.593	192.2	37.1	1813

42.83398	468.015982	413.415	74.3	0.000677	0.00054	0.00008	17	7.4
42.84997	468.19863	403.8	74.3	0.000685	0.00055	0.00007	17	7.6
43.74644	468.381279	403.125	74.3	0.000687	0.00055	0.00007	17	7.6
42.7302	468.563927	403.8	74.3	0.000677	0.00054	0.00007	17	7.4
43.00566	468.936063	432.714591	74.3	0.000684	0.00057	0.00007	17	7.8
44.5358	469.861798	403.8	74.3	0.000704	0.00058	0.00007	17	7.8
47.0607	470.787533	403.8	74.3	0.000752	0.0006	0.00007	17	7.6
47.09999	471.713269	403.8	74.2	0.000767	0.00064	0.00007	17	7.9
46.29254	472.639004	403.8	74.2	0.000734	0.00066	0.00007	17	8.3
44.76721	472.819446	426.508088	74.2	0.000701	0.00063	0.00006	17	8.2
43.8894	471.853574	403.8	74.3	0.000685	0.00064	0.00004	17	8.7
43.33591	470.887701	403.8	74.3	0.000679	0.00066	0.00006	17	9.1
42.56241	469.921829	403.8	74.4	0.000665	0.00065	0.00006	17	9.1
41.07319	468.955956	417.095486	74.4	0.00064	0.00061	0.00006	17	8.8
39.97423	468.027553	412.328526	74.4	0.000628	0.00053	0.00006	17	7.8
40.922	467.11266	403.037207	74.5	0.000634	0.00046	0.00006	17	6.7
40.93142	466.197766	403.8	74.4	0.000637	0.00031	0.00006	17	4.5
41.31305	465.282872	403.8	74.3	0.000632	0.00023	0.00007	17	3.4
39.50462	464.233015	428.550625	74.2	0.000618	0.00018	0.00001	17	2.8
40.11684	459.462023	402.9	74.4	0.000608	0.00015	0	17	2.3
39.10322	454.691031	402.9	74.5	0.000582	0.00012	0	17	1.8
37.01892	449.920038	402.9	74.5	0.000539	0.0001	0	17	1.6
34.59009	445.149046	402.9	74.6	0.00049	0.00009	0	17	1.5
32.78059	438.718428	418.114643	74.6	0.00046	0.00007	0	17	1.3
31.25002	428.744848	402.1	74.7	0.000426	0.00007	0	17	1.3
30.09031	418.771268	402.1	74.7	0.000392	0.00007	0.00001	17	1.3
30.46001	408.797688	402.016644	74.7	0.000375	0.00005	0.00006	17	0.9
32.61414	398.824108	400.199861	74.7	0.000386	0.00002	0.00013	17	0.4
32.19333	395.812953	400.857246	74.6	0.00041	0.00003	0.00015	17	0.6
32.28463	394.800022	401.3	74.4	0.000428	0.00002	0.00015	17	0.4
33.09259	393.787091	401.3	74.3	0.000435	0.00002	0.00015	17	0.3
33.47	392.774159	401.3	74.3	0.000432	0.00003	0.00015	17	0.5
30.88	391.99482	396.74788	74.3	0.00042	0.00005	0.00015	17	0.8
31.38569	392.686939	401.3	74.4	0.000422	0.00004	0.00015	17	0.8
33.18096	393.379058	400.843529	74.5	0.000433	0.00004	0.00016	17	0.8
33.09838	394.071177	400.5	74.4	0.000465	0.00004	0.00018	17	0.7
36.5717	394.763295	399.646291	74.3	0.000509	0.00004	0.00016	17	0.7
38.99333	400.158109	399.549606	74.3	0.000539	0.00003	0.00014	17	0.4
40.33141	407.99718	400.5	74.2	0.000591	0.00001	0.00011	17	0.2
42.26355	415.836251	399.7	74.2	0.000636	0.00001	0.00009	17	0.2
43.23314	423.675321	399.998333	74.1	0.000671	0.00001	0.00009	17	0.2
44.19943	431.514392	409.427361	74.1	0.000699	0.00001	0.00007	17	0.1
45.30736	435.197843	400.493368	74.1	0.00073	0.00001	0.00007	17	0.2
46.0344	438.066077	399.7	74.1	0.000729	0	0.00005	17	0
44.34128	440.934311	399.7	74.1	0.000701	0	0.00005	17	0
42.79745	443.802545	399.093043	74.2	0.000658	0	0.00004	17	0
41.30647	446.335782	421.112054	74.2	0.000644	0.00003	0.00004	17	0.4
41.21784	447.520616	398.560893	74.2	0.000645	0.00002	0.00004	17	0.3
42.11711	448.70545	397.549277	74.2	0.000651	0.00001	0.00004	17	0.2
41.12851	449.890284	397.691605	74.2	0.000656	0.00002	0.00004	17	0.2
40.46444	451.075118	414.665741	74.1	0.000601	0.00002	0.00004	17	0.3
31.83511	441.353511	395.673134	74.1	0.000477	0.00002	0.00003	17	0.3
28.4748	431.397956	395	74.1	0.000384	0.00001	0.00005	17	0.3
29.91378	421.4424	394.589713	74	0.000358	0.00004	0.00008	17	0.7
34.343	411.486844	393.466035	73.8	0.000408	0.00003	0.00012	17	0.6
33.14984	403.843324	397.0481	73.4	0.000424	0.00002	0.00011	17	0.4
31.02714	398.714564	392.7	73	0.000414	0.00001	0.0001	17	0.2
29.4976	393.585804	391.964295	72.7	0.000396	0	0.0001	17	0
28.6468	388.457044	391.1	72.5	0.000382	0	0.00013	17	0
29.13944	383.328284	388.194313	72.3	0.00036	0	0.00015	17	0
28.56684	372.456065	389.31025	72	0.000344	0	0.00017	17	0
28.43466	360.633297	389.482763	71.6	0.000318	0	0.00016	17	0
27.82168	348.810529	388.323333	71.3	0.000272	0.00003	0.00016	17	0.6

92.001763	1	0.28622
92.222769	1	0.28677
92.446433	1	0.28732
92.670096	1	0.28786
92.89376	1	0.28843
94.764706	1	0.28901
98.12605	1	0.28961
101.487395	1	0.29025
104.848739	1	0.29091
108.210084	1	0.29154
108.037938	1	0.29218
106.78034	1	0.29284
105.522742	1	0.29349
104.265144	1	0.2941
103.007546	1	0.29463
101.518629	1	0.29509
100.028316	1	0.2954
98.538003	1	0.29563
97.04769	1	0.29581
94.741259	1	0.29596
90.503073	1	0.29608
86.264887	1	0.29618
82.026701	1	0.29627
77.788515	1	0.29634
75.104867	1	0.29641
73.556195	1	0.29648
72.007522	1	0.29653
70.45885	1	0.29655
68.94891	1	0.29658
68.068047	1	0.2966
67.187183	1	0.29662
66.30632	1	0.29665
65.425457	1	0.2967
65.790347	1	0.29674
67.319065	1	0.29678
68.847783	1	0.29682
70.376501	1	0.29686
71.905219	1	0.29689
74.379704	1	0.2969
76.916702	1	0.29691
79.4537	1	0.29692
81.990698	1	0.29693
84.849892	1	0.29694
88.935914	1	0.29694
93.021935	1	0.29694
97.107957	1	0.29694
101.193978	1	0.29697
101.832636	1	0.29699
99.740586	1	0.297
97.648536	1	0.29702
95.556485	1	0.29704
93.603364	1	0.29706
92.054006	1	0.29707
90.504648	1	0.29711
88.95529	1	0.29714
87.405932	1	0.29716
83.469667	1	0.29717
78.686019	1	0.29717
73.90237	1	0.29717
69.118721	1	0.29717
65.668854	1	0.29717
70.480752	1	0.29717
75.292651	1	0.2972

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09:45:52.593	192.2	26.2	1763
09:45:53.593	192.2	23.9	1748
09:45:54.593	192.2	21.9	1741
09:45:55.593	192.2	18.9	1727
09:45:56.593	192.2	20.2	1714
09:45:57.593	192.2	22.6	1703
09:45:58.593		32.1	1702
09:45:59.593		46.9	1692
09:46:00.593		55.2	1690
09:46:01.593		45.5	1691
09:46:02.593		55.1	1693
09:46:03.593		54.2	1697
09:46:04.593		42.4	1700
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09:46:06.593	192.8	51.7	1706
09:46:07.593	192.8	53.8	1706
09:46:08.593	192.9	82.9	1710
09:46:09.593	193	91.6	1724
09:46:10.593	193	82	1737
09:46:11.593	193.1	60.4	1748
09:46:12.593	193.2	82.3	1758
09:46:13.593	193.2	72.8	1776
09:46:14.593	193.3	52.9	1786
09:46:15.593	193.4	50	1786
09:46:16.593	193.4	41.4	1782
09:46:17.593	193.5	46.1	1776
09:46:18.593	193.5	49.8	1771
09:46:19.593	193.6	54.1	1766
09:46:20.593	193.7	57.6	1762
09:46:21.593	193.7	59.6	1760
09:46:22.593	193.8	61.8	1755
09:46:23.593	193.9	64.5	1753
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09:46:30.593		75.3	1863
09:46:31.593		75.4	1886
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09:46:33.593	195	82	1920
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09:46:35.593	195.3	24.8	1916
09:46:36.593	195.4	44	1908
09:46:37.593	195.6	82.2	1912
09:46:38.593	195.7	83.9	1922
09:46:39.593	195.8	72.8	1935
09:46:40.593	196	63.2	1944
09:46:41.593	196.1	75.5	1945
09:46:42.593	196.2	64.1	1942
09:46:43.593	196.3	61.4	1940
09:46:44.593	196.5	73.9	1937
09:46:45.593	196.6	77.4	1937
09:46:46.593	196.7	74.6	1933
09:46:47.593	196.9	66	1930
09:46:48.593	197	40.4	1922
09:46:49.593	197.1	49.4	1908
09:46:50.593	197.3	75.1	1902
09:46:51.593	197.4	84.5	1905

27.84358	336.98776	387.396596	70.9	0.00023	0.00003	0.00016	17	0.6
27.28991	325.350093	362.757987	70.5	0.00019	0.00003	0.00015	17	0.6
24.00461	314.146389	386.4	70.1	0.000145	0.00003	0.00013	17	0.6
21.16435	302.942685	385.83004	69.6	0.000117	0.00002	0.0001	17	0.6
21.41602	291.738981	384.9	69.1	0.000106	0.00003	0.00009	17	0.8
21.27116	280.535278	347.868226	68.6	0.000096	0.00002	0.00008	17	0.5
21.11908	276.165819	384.1	68.1	0.000092	0.00002	0.00007	17	0.6
21.35153	271.942958	383.909753	67.6	0.000082	0.00002	0.00006	17	0.5
19.40958	267.720097	383.4	67.2	0.000072	0.00002	0.00005	17	0.5
19.77381	263.497236	380.916227	66.6	0.00008	0.00002	0.00006	17	0.7
26.45797	267.210909	345.465921	66.2	0.000162	0.00002	0.00008	17	0.5
26.99955	280.392727	381.8	65.8	0.000244	0	0.0001	17	0
25.82929	293.574545	381.8	65.5	0.000289	0	0.00012	17	0
27.50934	306.756364	381.541466	65.4	0.000316	0	0.00014	17	0
44.08279	319.938182	364.440853	65.5	0.000466	0	0.00019	17	0
27.23288	324.758593	377.065217	65.5	0.000443	0	0.0001	17	0
27.45687	327.938728	380.9	65.6	0.00038	0.00003	0.00001	17	0.6
24.80212	331.118863	380.2	65.7	0.000346	0.00002	0	17	0.4
25.46699	334.298998	380.2	65.9	0.000332	0.00003	0	17	0.7
32.75071	340.66953	360.988911	65.9	0.000402	0.00003	0	17	0.5
54.07419	356.871693	379.928222	66	0.00076	0.00001	0.00002	17	0.1
46.72801	373.073856	379.010256	66.1	0.00075	0.00002	0.00003	17	0.2
37.70951	389.276019	379.231579	66.3	0.000633	0.00001	0	17	0.1
41.43819	405.478182	378.6	66.8	0.000714	0.00004	0	17	0.5
59.88493	411.31246	389.695007	67.4	0.001023	0.00006	0	17	0.6
39.61842	403.789485	376.641053	67.8	0.000638	0.00007	0	17	0.9
22.29493	396.26651	376.280597	68.2	0.000346	0.00004	0	17	0.9
26.19926	388.743535	375.44	68.8	0.000304	0.00002	0.00001	17	0.5
26.38424	381.22056	375.664266	69.2	0.000274	0.00001	0.00006	17	0.1
25.78107	377.535143	373.956711	69.1	0.000269	0.00001	0.00009	17	0.1
28.04581	375.07491	372.409434	68.9	0.000304	0	0.0001	17	0
29.6782	372.614677	372.169029	68.7	0.000345	0	0.00011	17	0
29.27437	370.154443	371.21924	68.5	0.000365	0	0.00008	17	0
28.4927	368.285181	369.267935	68.3	0.000376	0.00002	0.00007	17	0.5
30.82508	379.568464	369.22406	68.1	0.000403	0.00003	0.00007	17	0.6
31.57061	390.851746	368.397317	68	0.000435	0.00003	0.00006	17	0.5
40.13274	402.135028	366.680871	67.9	0.000586	0.00001	0.00008	17	0.2
59.03188	413.418311	365.469745	67.8	0.000861	0	0.0001	17	0
65.4695	427.331506	380.704205	67.8	0.00112	0.00001	0.0001	17	0.1
91.85007	444.319588	362.862785	67.9	0.001487	0.00019	0.00006	17	1.2
90.74862	461.307671	360.924514	68.4	0.001415	0.00051	0	17	3.4
80.95036	478.295753	359.507399	69.1	0.00126	0.00058	0	17	4.4
74.96397	495.283835	398.354733	70.1	0.001175	0.00051	0	17	4.1
66.46538	485.659628	364.079286	70.5	0.001045	0.00036	0	17	3.3
68.42416	471.191104	356.8	71.1	0.001086	0.00018	0	17	1.7
61.26016	456.72258	356.611399	72.7	0.000981	0.00016	0	17	1.5
40.64164	442.254056	356.416269	73.7	0.000347	0.0001	0	17	1.7
41.0806	427.81057	383.037163	74.3	0.00039	0.00013	0.00001	17	1.9
56.10564	438.380929	356.1	74.6	0.000692	0.00009	0.00003	17	1
67.14954	448.951288	356.1	74.2	0.000999	0.00004	0.00003	17	0.4
60.68832	459.521647	356.1	73.9	0.000985	0.00007	0	17	0.6
43.45375	470.092006	358.243388	74	0.000686	0.00008	0	17	1
38.1815	474.293295	392.356045	74.5	0.000628	0.00006	0	17	0.9
39.48877	471.01785	356.550239	74.9	0.000583	0.00004	0	17	0.6
31.15477	467.742405	356.154342	75.2	0.000511	0.00004	0.00001	17	0.8
38.86361	464.46696	356.8	75.3	0.000613	0.00005	0.00004	17	0.8
43.86971	461.191515	390.724187	75.2	0.000671	0.00003	0.00007	17	0.4
42.40429	452.089711	356.878166	75	0.00065	0.00003	0.00005	17	0.4
39.28721	442.418702	357.6	74.9	0.000562	0.00002	0.00002	17	0.3
27.534	432.747693	357.6	74.9	0.000395	0.00001	0.00003	17	0.2
28.44587	423.076684	358.365665	74.8	0.00038	0.00002	0.00005	17	0.5
40.01606	421.17354	379.4025	74.7	0.000485	0.00001	0.00008	17	0.2
64.04024	431.837257	358.81774	74.2	0.000987	0.00002	0.00013	17	0.2

80.104549	1	0.29723
84.916448	1	0.29726
86.210306	1	0.29729
84.817549	1	0.29731
83.424791	1	0.29734
82.032033	1	0.29736
81	1	0.29738
81	1	0.2974
81	1	0.29742
81	1	0.29744
81	1	0.29746
94.032995	1	0.29746
111.716843	1	0.29746
129.40069	1	0.29746
147.084537	1	0.29746
161.274732	1	0.29746
144.022057	1	0.29749
126.769382	1	0.29751
109.516707	1	0.29754
92.264031	1	0.29757
99.952302	1	0.29758
130.570923	1	0.2976
161.189544	1	0.29761
191.808165	1	0.29765
222.426786	1	0.29771
214.248666	1	0.29778
190.982924	1	0.29782
167.717182	1	0.29784
144.451441	1	0.29785
121.962971	1	0.29786
120.904994	1	0.29786
119.847017	1	0.29786
118.789039	1	0.29786
117.731062	1	0.29788
124.777413	1	0.29791
149.947034	1	0.29794
175.116656	1	0.29795
200.286277	1	0.29795
225.455898	1	0.29796
259.721958	1	0.29815
297.184062	1	0.29866
334.646167	1	0.29924
372.108272	1	0.29975
398.077832	1	0.30011
341.338747	1	0.30029
284.599663	1	0.30045
227.860578	1	0.30055
171.121493	1	0.30068
142.071059	1	0.30077
158.005599	1	0.30081
173.940138	1	0.30088
189.874677	1	0.30096
205.809216	1	0.30102
193.625898	1	0.30106
171.408662	1	0.3011
149.191427	1	0.30115
126.974192	1	0.30118
110.393089	1	0.30121
108.233261	1	0.30123
106.073434	1	0.30124
103.913607	1	0.30126
101.75378	1	0.30127
115.575704	1	0.30129

09:46:52.593	197.5	77.9	1915
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09:46:54.593		72.2	1921
09:46:55.593		77.1	1918
09:46:56.593		75.8	1916
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09:47:00.593		79.1	1906
09:47:01.593	196	82.8	1905
09:47:02.593	195.8	79.6	1902
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09:47:17.593	192.9	78	1907
09:47:18.593	192.7	80	1904
09:47:19.593	192.5	81.9	1905
09:47:20.593	192.3	78.2	1906
09:47:21.593		76.9	1904
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09:47:23.593		77.7	1908
09:47:24.593		77.7	1908
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09:47:27.593		78.5	1905
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09:47:29.593	192.2	78	1906
09:47:30.593	192.2	75.3	1906
09:47:31.593	192.2	76.7	1907
09:47:32.593	192.2	81.5	1904
09:47:33.593	192.2	81.5	1902
09:47:34.593	192.2	81.2	1902
09:47:35.593	192.2	82.3	1900
09:47:36.593	192.2	82.3	1903
09:47:37.593	192.2	75.7	1904
09:47:38.593	192.2	73.8	1905
09:47:39.593	192.2	77.7	1903
09:47:40.593	192.2	78.7	1906
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09:47:44.593	192.2	77.6	1907
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09:47:46.593	192.2	80	1905
09:47:47.593	192.2	76.5	1902
09:47:48.593	192.2	78.8	1906
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09:47:53.593		82.7	1902
09:47:54.593		81.6	1901

77.2975	442.500973	359.672587	73.8	0.001119	0.00002	0.00014	17	0.2
51.57094	453.16469	360.165186	73.5	0.000761	0.00004	0.00004	17	0.5
36.39169	463.828407	388.688047	73.7	0.000549	0.00003	0.00002	17	0.5
38.64433	465.3	366.281332	74.1	0.000576	0.00004	0	17	0.6
39.91126	465.3	362.3	74.4	0.000612	0.00006	0.00001	17	0.9
40.20542	465.3	362.687283	74.4	0.000629	0.00005	0.00002	17	0.8
40.25575	465.3	363.717527	74.2	0.000629	0.00004	0.00002	17	0.7
41.01052	465.609935	409.35032	74.1	0.000639	0.00004	0.00002	17	0.6
41.45973	466.901333	364.6	74.1	0.000642	0.00005	0.00002	17	0.7
43.73174	468.192731	364.995343	74	0.000685	0.00006	0.00002	17	0.8
46.92788	469.484128	366.660543	73.9	0.000763	0.00004	0.00002	17	0.4
46.85316	470.775526	367	73.8	0.000775	0.00004	0.00002	17	0.5
47.27838	472.058361	401.002202	73.8	0.000775	0.00002	0	17	0.3
48.02123	473.330254	369.422581	73.8	0.000764	0.00002	0	17	0.3
48.07589	474.602148	370.1	73.8	0.000773	0.00004	0	17	0.5
49.12446	475.874041	370.943282	73.7	0.000783	0.00002	0	17	0.3
49.24309	477.145934	387.055967	73.6	0.000784	0.00002	0	17	0.3
48.74222	477.470276	392.53238	73.6	0.000772	0.00002	0	17	0.3
47.55465	477.268527	373.888519	73.6	0.00076	0.00005	0	17	0.6
47.25444	477.066779	375.6	73.7	0.000747	0.00006	0	17	0.7
47.07432	476.86503	375.6	73.8	0.000745	0.00006	0	17	0.8
46.82953	476.495107	425.580769	73.8	0.000743	0.00004	0	17	0.6
46.44124	475.369322	377.9	73.8	0.000739	0.00004	0	17	0.5
44.58455	474.243538	378.662613	73.8	0.000711	0.00004	0	17	0.5
43.60922	473.117753	379.4	73.9	0.000682	0.00004	0	17	0.5
43.68544	471.991968	382.540223	73.9	0.000683	0.00005	0	17	0.7
45.04375	472.001741	402.304843	73.9	0.000713	0.00003	0	17	0.4
46.91219	472.892933	381.579787	73.9	0.000763	0.00004	0	17	0.5
48.58974	473.784124	382.6	73.7	0.000778	0.00003	0	17	0.4
46.99599	474.675316	382.800643	73.7	0.000764	0.00002	0	17	0.3
47.57898	475.566508	402.767967	73.8	0.000761	0.00003	0	17	0.4
47.89007	476.076462	395.015254	73.7	0.00075	0.00003	0	17	0.4
46.27407	476.451072	384.799678	73.6	0.000741	0.00003	0	17	0.4
46.01837	476.825682	384.9	73.7	0.000731	0.00003	0	17	0.4
46.60877	477.200291	385.272473	73.8	0.000731	0.00005	0	17	0.7
46.20534	477.574901	417.171486	73.8	0.000742	0.00007	0	17	0.9
46.06848	476.527354	386.4	73.8	0.000752	0.00007	0	17	0.9
46.72045	475.377679	386.60568	73.8	0.000741	0.00005	0	17	0.6
44.72397	474.228004	387.2	73.8	0.000711	0.00006	0	17	0.8
43.26333	473.07833	387.2	73.8	0.000683	0.00005	0	17	0.7
44.07421	473.337944	419.461791	73.8	0.000679	0.00005	0	17	0.7
47.1427	476.551394	387.618723	73.9	0.000772	0.00003	0	17	0.4
50.29137	479.764844	388	73.8	0.000808	0.00003	0	17	0.4
52.17978	482.978293	388.7	73.7	0.000833	0.00003	0	17	0.4
53.57051	486.191743	401.58843	73.6	0.000858	0.00006	0	17	0.6
53.18189	486.790493	404.709375	73.5	0.00088	0.00004	0	17	0.5
50.54291	485.813718	389.458405	73.6	0.000818	0.00003	0	17	0.4
49.57846	484.836944	389.6	73.6	0.000785	0.00004	0	17	0.5
48.70968	483.860169	390.049892	73.6	0.000762	0.00004	0	17	0.5
47.76345	482.9	427.512652	73.7	0.00076	0.00005	0	17	0.6
47.76294	482.9	390.4	73.8	0.000746	0.00005	0	17	0.6
45.63797	482.9	390.4	73.8	0.000732	0.0001	0	17	1.2
45.96163	482.9	390.4	73.9	0.00072	0.00009	0	17	1.2
47.57744	482.9	403.578426	73.8	0.000761	0.00007	0	17	0.9
48.27812	483.25769	404.49306	73.8	0.000781	0.00008	0	17	0.9
47.64475	483.820095	391.1	73.8	0.000778	0.00005	0	17	0.7
48.18343	484.382501	391.1	73.8	0.000777	0.00005	0	17	0.7
49.36671	484.944906	391.508183	73.8	0.000776	0.00007	0	17	0.8
50.50344	485.518198	429.032524	73.8	0.000793	0.00005	0	17	0.6
50.41878	486.918063	391.1	73.7	0.000799	0.00006	0	17	0.7
50.80757	488.317927	391.544327	73.7	0.000801	0.00006	0	17	0.7
50.50957	489.717792	391.103401	73.8	0.000815	0.00005	0	17	0.5
52.73281	491.117656	396.789114	73.7	0.000863	0.00005	0	17	0.5

137.965418	1	0.30131
160.355132	1	0.30135
182.744846	1	0.30138
199.79218	1	0.30142
184.022035	1	0.30148
168.25189	1	0.30153
152.481746	1	0.30157
136.711601	1	0.30161
126.549927	1	0.30166
121.755264	1	0.30172
116.9606	1	0.30176
112.165937	1	0.3018
107.371274	1	0.30182
110.461571	1	0.30184
116.710269	1	0.30188
122.958967	1	0.3019
129.207665	1	0.30192
135.456363	1	0.30194
136.204617	1	0.30199
136.428732	1	0.30205
136.652846	1	0.30211
136.876961	1	0.30215
135.630666	1	0.30219
132.594448	1	0.30223
129.55823	1	0.30227
126.522013	1	0.30232
123.485795	1	0.30235
122.825618	1	0.30239
122.61802	1	0.30242
122.410421	1	0.30244
122.202823	1	0.30247
122.029231	1	0.3025
123.300148	1	0.30253
124.571065	1	0.30256
125.841983	1	0.30261
127.1129	1	0.30268
127.67238	1	0.30275
126.587546	1	0.3028
125.502712	1	0.30286
124.417878	1	0.30291
123.333044	1	0.30296
121.970282	1	0.30299
120.484398	1	0.30302
118.998514	1	0.30305
117.51263	1	0.30311
116.026746	1	0.30315
124.325652	1	0.30318
132.803913	1	0.30322
141.282174	1	0.30326
149.760435	1	0.30331
152.819137	1	0.30336
147.110071	1	0.30346
141.401005	1	0.30355
135.691939	1	0.30362
130.00194	1	0.3037
130.648491	1	0.30375
131.295043	1	0.3038
131.941595	1	0.30387
132.588147	1	0.30392
132.193513	1	0.30398
129.971784	1	0.30404
127.750056	1	0.30409
125.528327	1	0.30414

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09:48:18.593		76.3	1907
09:48:19.593		78.4	1905
09:48:20.593		80.5	1908
09:48:21.593		82	1903
09:48:22.593		83.7	1897
09:48:23.593		83.6	1898
09:48:24.593	190.9	80.1	1897
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09:48:26.593	191.1	79.1	1903
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09:48:36.593	191.7	75.3	1907
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09:48:44.593		78.1	1906
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09:48:47.593		79.2	1906
09:48:48.593		79.1	1906
09:48:49.593		78.4	1907
09:48:50.593		78.1	1907
09:48:51.593	191.7	77.7	1909
09:48:52.593	191.6	78.4	1907
09:48:53.593	191.6	78.5	1907
09:48:54.593	191.5	76.9	1907
09:48:55.593	191.4	77.6	1903
09:48:56.593	191.4	78.5	1903
09:48:57.593	191.3	74.7	1905

53.95191	491.379798	414.475359	73.6	0.000872	0.00005	0	17	0.5
53.75718	490.831506	392.449895	73.6	0.000852	0.00005	0	17	0.5
54.04289	490.283214	392.7	73.6	0.000854	0.0001	0	17	1.1
52.11961	489.734922	392.7	73.6	0.000832	0.00006	0	17	0.7
50.80824	489.18663	420.05498	73.6	0.000811	0.00007	0	17	0.8
48.77738	489.1	397.753735	73.7	0.000772	0.00013	0	17	1.5
47.61595	489.1	392.7	73.9	0.000737	0.00009	0	17	1.1
48.90195	489.1	393.123995	73.9	0.000769	0.00009	0	17	1.1
49.48117	489.1	393.144696	73.9	0.000785	0.00008	0	17	1
48.01656	488.763701	438.765984	73.8	0.000774	0.00008	0	17	1
46.96991	486.073313	393.4	73.8	0.000745	0.00008	0	17	0.9
46.12798	483.382925	393.4	73.9	0.000723	0.00007	0	17	0.9
43.66445	480.692536	393.4	73.8	0.000684	0.00006	0	17	0.9
41.71333	478.002148	398.896502	73.9	0.000651	0.00004	0	17	0.6
42.44	477.220161	416.607342	73.9	0.000666	0.00006	0	17	0.9
46.45868	478.228226	394.000799	73.9	0.00076	0.00004	0	17	0.6
47.76099	479.23629	393.4	73.8	0.000793	0.00005	0	17	0.6
48.28961	480.244355	393.791925	73.7	0.000788	0.00005	0	17	0.6
47.46619	481.171519	431.015818	73.6	0.00075	0.00005	0	17	0.6
47.12323	480.623805	394.894356	73.6	0.000742	0.00007	0	17	0.9
47.34337	480.07609	394.2	73.7	0.000739	0.00006	0	17	0.7
46.14517	479.528376	394.2	73.8	0.000733	0.00007	0	17	0.9
44.47064	478.980661	394.803077	73.8	0.000706	0.00006	0	17	0.8
43.36252	479.203146	428.220961	73.8	0.000679	0.00009	0	17	1.2
43.78276	481.180674	395	73.8	0.000682	0.00009	0	17	1.2
44.20463	483.158202	395	73.9	0.000715	0.00006	0	17	0.8
46.80213	485.13573	395.279562	74	0.000743	0.00006	0	17	0.8
52.83871	487.113258	422.163649	74	0.000857	0.00007	0	17	0.9
62.67564	489.631381	400.658333	74.1	0.000986	0.00009	0	17	0.9
58.72416	492.241184	396.594137	73.7	0.001006	0.00009	0	17	0.9
60.56947	494.850987	395.998201	73.3	0.000981	0.00006	0	17	0.6
57.54729	497.460789	397.128248	73.4	0.000952	0.00007	0	17	0.7
55.05448	499.368312	447.430438	73.4	0.000888	0.00006	0	17	0.6
52.27443	497.032481	397.4	73.5	0.000832	0.00006	0	17	0.6
49.25542	494.696651	397.4	73.6	0.000759	0.00005	0	17	0.6
45.25039	492.36082	398.122617	73.7	0.000687	0.00005	0	17	0.6
44.4962	490.024989	403.610714	73.9	0.000699	0.00007	0	17	1
49.90915	489.690407	413.46306	73.9	0.000797	0.00006	0	17	0.7
54.0173	490.667902	398.2	73.8	0.000895	0.00005	0	17	0.6
54.71677	491.645397	398.2	73.6	0.000895	0.00009	0	17	0.9
52.99922	492.622892	398.657463	73.5	0.000851	0.00007	0	17	0.7
48.90197	493.074078	442.602985	73.5	0.000782	0.00007	0	17	0.9
46.9766	491.484217	398.2	73.5	0.000713	0.00008	0	17	1
44.81043	489.894355	398.2	73.5	0.000692	0.00005	0	17	0.7
44.64726	488.304493	398.753993	73.5	0.000708	0.00003	0	17	0.4
44.74103	486.714631	421.70935	73.5	0.000704	0.00003	0	17	0.5
44.8009	485.82612	402.516125	73.5	0.000711	0.00005	0	17	0.6
45.1143	485.047068	398.9	73.5	0.000714	0.00003	0	17	0.4
45.79101	484.268016	398.9	73.7	0.000723	0.00003	0	17	0.4
45.60001	483.488963	398.356109	73.9	0.000726	0.00004	0	17	0.5
45.13429	482.946644	435.311475	73.8	0.000726	0.00003	0	17	0.4
45.6607	483.137808	398.50812	73.8	0.000731	0.00003	0	17	0.4
46.6877	483.328972	398.41072	73.8	0.000752	0.00004	0	17	0.5
47.99563	483.520136	398.87322	73.8	0.000752	0.00006	0	17	0.8
46.9815	483.7113	403.855076	73.7	0.000747	0.00007	0	17	0.9
46.38019	483.591485	417.408942	73.7	0.000742	0.00005	0	17	0.7
46.25407	483.202464	398.9	73.8	0.000725	0.00004	0	17	0.5
45.75544	482.813443	398.9	73.8	0.000724	0.00003	0	17	0.4
46.7931	482.424422	398.9	73.9	0.000738	0.00002	0	17	0.3
45.676	482.035401	423.496059	73.8	0.000727	0.00003	0	17	0.4
45.3313	480.243092	398.962118	73.8	0.000726	0.00003	0	17	0.3
46.64762	478.310301	399.47931	73.8	0.000735	0.00002	0	17	0.3
43.00811	476.377509	399.411669	73.8	0.000688	0.00003	0	17	0.4

123.306599	1	0.30419
126.270658	1	0.30424
130.064924	1	0.30434
133.859191	1	0.3044
137.653457	1	0.30447
141.152751	1	0.3046
142.447249	1	0.30469
143.741748	1	0.30478
145.036246	1	0.30486
146.330744	1	0.30494
144.543547	1	0.30502
139.457724	1	0.30509
134.371901	1	0.30515
129.286078	1	0.30519
124.200254	1	0.30525
122.82754	1	0.30529
122.601806	1	0.30534
122.376072	1	0.30539
122.150339	1	0.30544
122.429122	1	0.30551
123.713919	1	0.30557
124.998715	1	0.30564
126.283512	1	0.3057
127.568308	1	0.30579
125.226033	1	0.30588
121.048373	1	0.30594
116.870712	1	0.306
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109.655225	1	0.30616
115.303715	1	0.30625
120.952205	1	0.30631
126.600695	1	0.30638
132.249185	1	0.30644
136.695681	1	0.3065
140.001102	1	0.30655
143.306523	1	0.3066
146.611944	1	0.30667
149.917364	1	0.30673
149.556818	1	0.30678
149.102273	1	0.30687
148.647727	1	0.30694
148.193182	1	0.30701
146.055681	1	0.30709
142.674256	1	0.30714
139.292831	1	0.30717
135.911407	1	0.3072
132.508617	1	0.30725
128.973487	1	0.30728
125.438356	1	0.30731
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118.368095	1	0.30738
117.260408	1	0.30741
117.685217	1	0.30745
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118.959643	1	0.30763
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119.626213	1	0.30772
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119.598014	1	0.30778
118.086788	1	0.3078
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09:49:01.593	191	57	1887
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09:49:19.593	192.5	65.6	1632
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09:49:23.593	193.6	93.1	1595
09:49:24.593	193.9	96.6	1612
09:49:25.593	194.2	86.9	1639
09:49:26.593	194.4	86	1674
09:49:27.593	194.7	82.8	1707
09:49:28.593	195	80	1734
09:49:29.593	195.2	79.5	1768
09:49:30.593	195.5	77.1	1795
09:49:31.593	195.8	76.9	1822
09:49:32.593	196	77.4	1846
09:49:33.593	196.3	75.1	1872
09:49:34.593	196.6	73.8	1890
09:49:35.593	196.8	80.5	1902
09:49:36.593	197.1	84	1914
09:49:37.593	197.4	83	1922
09:49:38.593		79.9	1932
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09:49:44.593		75.4	1966
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09:49:51.593	195.9	76	1969
09:49:52.593	195.7	73.7	1977
09:49:53.593	195.6	77.2	1977
09:49:54.593	195.5	66.9	1972
09:49:55.593	195.3	15.6	1960
09:49:56.593	195.2	73.1	1956
09:49:57.593	195.1	85.1	1968
09:49:58.593	194.9	24.3	1954
09:49:59.593	194.8	19.1	1951
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40.52948	474.444718	399.7	73.8	0.000615	0.00005	0	17	0.7
37.26813	468.465396	427.390963	73.8	0.000543	0.00002	0	17	0.3
33.65208	455.165947	400.108931	73.7	0.000481	0.00002	0	17	0.3
29.67584	441.866497	399.822899	73.5	0.000401	0.00001	0	17	0.3
28.60905	428.567048	400.5	73.4	0.000377	0.00002	0	17	0.5
29.38988	415.267598	401.83375	73.3	0.00036	0.00002	0	17	0.3
29.65338	397.827528	401.556429	73.1	0.000295	0.00001	0	17	0.3
28.03922	377.99713	398.906154	72.8	0.000232	0.00005	0	17	1
25.10842	358.166732	399.7	72.6	0.000169	0.00004	0	17	0.9
24.08375	338.336334	399.7	72.3	0.000122	0.00004	0	17	1.1
21.26149	318.688874	366.322497	72	0.000082	0.00003	0	17	0.9
27.3256	304.085288	398.9	71.8	0.000092	0.00006	0	17	0.8
49.52209	289.481702	398.9	71.4	0.000056	0.00006	0	17	0.7
50.35875	274.878116	399.469208	71	0.000035	0.00008	0	17	1
49.92906	260.27453	399.7	70.7	0.000035	0.00005	0	17	0.6
48.73337	249.443796	352.457035	70.2	0.000034	0.00003	0	17	0.3
48.15318	244.132947	399.7	69.6	0.000031	0.00002	0	17	0.2
24.21208	238.822099	399.7	69.3	0.000021	0.00001	0	17	0.2
20.03047	233.511251	399.7	69.1	0.000018	0.00001	0	17	0.2
22.40515	239.673277	344.926923	67.6	0.00006	0.00001	0	17	0.2
26.63391	260.858675	399.278723	66.2	0.000157	0.00001	0	17	0.2
28.74147	282.044073	398.9	64.6	0.000274	0.00001	0	17	0.2
30.27874	303.229471	399.693846	62.7	0.000369	0.00001	0	17	0.2
29.93668	324.414869	392.261513	62.8	0.000425	0.00001	0.00002	17	0.2
30.6662	351.477466	383.047727	63	0.000447	0.00001	0.00002	17	0.2
53.31969	383.21439	398.9	62.6	0.000686	0.00002	0.00003	17	0.2
82.78661	414.951313	398.185205	62.2	0.001332	0.00004	0.00011	17	0.3
88.25155	446.688237	397.083692	61.9	0.001472	0.00024	0.00019	17	1.7
85.72	477.855255	428.4068	61.9	0.00146	0.00057	0.00004	17	3.9
90.89841	487.672765	392.151348	62.5	0.001543	0.0008	0	17	5.1
93.54671	497.490275	388.405731	63.7	0.001504	0.00101	0	17	6.4
91.97929	507.307785	384.439785	65	0.001458	0.00117	0	17	7.5
81.98687	517.125295	399.539462	66.2	0.001313	0.00103	0	17	7.3
89.66721	520.256313	392.520522	67.3	0.001347	0.00093	0	17	6.5
89.01184	520.480579	374.808023	68.5	0.001398	0.00082	0	17	5.5
80.59818	520.704844	371.070194	69.7	0.001275	0.00059	0	17	4.3
68.00432	520.92911	369.496267	70.7	0.001099	0.00037	0	17	3.2
62.42276	520.958484	435.813839	71.6	0.000975	0.00032	0	17	3.1
63.16297	520.363878	366.60625	72.5	0.001033	0.00025	0	17	2.4
66.54774	519.769272	365.181946	72.8	0.001111	0.00018	0	17	1.6
63.85372	519.174666	364.6	73.1	0.001078	0.00018	0	17	1.7
62.25435	518.580059	375.586702	73.9	0.001007	0.00014	0	17	1.3
59.40931	516.485041	405.865128	74.4	0.000944	0.00013	0	17	1.3
57.91761	513.054117	363.9	74.8	0.00094	0.00009	0	17	0.9
59.76971	509.623193	364.6	75.1	0.000955	0.00009	0	17	0.9
57.27584	506.192269	365.09747	75.4	0.000927	0.00008	0	17	0.8
54.46109	503.027075	433.120439	75.6	0.000847	0.00007	0	17	0.8
52.31404	501.288701	365.568298	75.9	0.000818	0.00006	0	17	0.7
52.85548	499.550326	366.433852	76.1	0.000828	0.00006	0	17	0.6
53.15232	497.811951	368.087071	76.1	0.000842	0.00005	0	17	0.5
51.4607	496.073577	379.621164	76.2	0.000819	0.00002	0	17	0.2
49.74593	494.147425	399.223618	76.2	0.000778	0.00001	0	17	0.2
50.82993	492.070714	369.913976	76.3	0.000794	0.00002	0	17	0.2
50.03572	489.994003	371.6	76.4	0.000782	0.00001	0	17	0.2
47.30795	487.917292	371.841225	76.4	0.000747	0.00005	0	17	0.6
45.39443	485.840581	404.151575	76.4	0.000702	0.00005	0	17	0.6
46.17342	488.823091	374.1	76.5	0.000678	0.00005	0	17	0.7
33.52679	492.798079	374.190588	76.5	0.000524	0.00006	0	17	0.9
59.10387	496.773068	375.246512	76.4	0.000757	0.00009	0	17	0.9
85.37889	500.748057	376.807491	76.3	0.001228	0.00006	0	17	0.5
42.70997	499.986488	424.837582	75.8	0.000467	0.00005	0	17	0.6
30.43723	490.730867	379.4	75.6	0.00018	0.00007	0	17	1.3
36.85364	481.475246	379.4	76	0.000263	0.00008	0	17	1.4

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47.95402	460.9	390.495926	74.6	0.000723	0.00001	0	17	0.2
40.10142	460.9	384.096744	74.6	0.000553	0.00001	0	17	0.2
35.88114	460.9	384.1	74.7	0.000534	0.00001	0	17	0.2
37.53981	460.9	384.69187	74.9	0.000568	0.00001	0	17	0.2
39.2212	460.673256	421.254118	74.8	0.000591	0.00002	0	17	0.3
38.70086	459.510465	385.983977	74.6	0.00057	0.00002	0	17	0.4
39.1515	458.347674	386.4	74.3	0.000596	0.00004	0	17	0.6
40.19048	457.184884	386.470476	74.1	0.000598	0.00006	0	17	1
39.60698	456.022093	397.138611	74	0.000604	0.00005	0	17	0.7
40.03249	456.44425	400.485385	73.9	0.000619	0.00003	0	17	0.4
40.06903	457.769602	387.793191	73.9	0.000636	0.00004	0	17	0.6
41.27924	459.094955	388.7	73.7	0.000647	0.00002	0	17	0.3
41.35547	460.420308	388.7	73.6	0.000658	0.00002	0	17	0.3
41.72581	461.745661	415.046458	73.5	0.00068	0.00001	0	17	0.2
46.23487	464.67988	389.6	73.5	0.00075	0.00002	0	17.7	0.3
48.32556	467.682883	389.6	73.4	0.000794	0.00003	0	17.3	0.4
48.81947	470.685886	390.039895	73.2	0.000808	0.00002	0	17	0.3
48.38945	473.688889	390.93045	73.2	0.000791	0.00001	0	17	0.2
48.66372	476.148652	424.556437	73.2	0.000786	0.00001	0	17	0.2
48.43853	477.322565	390.785698	73.2	0.000774	0.00001	0	17	0.2
48.88065	478.496478	390.545571	73.3	0.000773	0.00001	0	17	0.2
48.40661	479.670391	391.1	73.3	0.000773	0.00001	0	17	0.2
48.12391	480.844304	403.146598	73.3	0.00077	0.00002	0	17	0.3
47.99986	480.513225	405.685577	73.3	0.000759	0.00006	0	17	0.8
45.49152	479.527896	391.9	73.3	0.000724	0.00004	0	17	0.6
44.26279	478.542566	391.9	73.4	0.000699	0.00004	0	17	0.5
44.44	477.557237	391.9	73.4	0.000698	0.00002	0	17	0.3
44.66562	476.802564	432.550344	73.4	0.000705	0.00002	0	17	0.3
48.56518	477.591519	392.153035	73.4	0.000785	0.00002	0	17	0.3
51.79496	478.380473	392.7	73.3	0.000859	0.00002	0	17	0.3
50.88568	479.169428	392.7	73.2	0.000826	0.00004	0	17	0.4
47.72859	479.958383	395.624763	73.2	0.000761	0.00002	0	17	0.3
45.65931	480.609966	413.486576	73.3	0.00071	0.00002	0	17	0.3
44.45292	481.156644	393.164479	73.4	0.000694	0.00002	0	17	0.3
45.20021	481.703322	393.4	73.4	0.00072	0.00002	0	17	0.3
46.45109	482.25	393.4	73.4	0.000728	0.00002	0	17	0.3
48.25575	482.796678	416.322215	73.4	0.000771	0.00002	0	17	0.3
48.80039	482.436877	396.102313	73.3	0.000801	0.00002	0	17	0.3
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46.87144	480.349029	431.698816	73.4	0.000722	0.00005	0	17	0.6
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44.89805	480.729096	395	73.4	0.000715	0.00005	0	17	0.7
44.94073	480.91913	395	73.4	0.000713	0.00004	0	17	0.6
45.30502	481.109164	400.30643	73.4	0.000726	0.00002	0	17	0.3
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43.26586	476.659602	432.865992	73.3	0.00069	0.00002	0	17	0.3
44.79286	476.295654	396.6	73.4	0.00071	0.00001	0	17	0.2
45.39934	475.931706	396.6	73.4	0.000722	0.00001	0	17	0.2
43.62845	475.567759	395.888496	73.4	0.000702	0.00001	0	17	0.2
43.39785	475.203811	396.654444	73.4	0.000697	0.00001	0	17	0.2
43.21039	474.758977	422.001535	73.4	0.000683	0.00001	0	17	0.2
43.25728	474.211199	396.973959	73.4	0.000672	0.00005	0	17	0.7
43.53616	473.663421	397.182383	73.4	0.000697	0.00001	0	17	0.2
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09:51:48.593	189.7	58.5	1872
09:51:49.593	189.5	22	1871
09:51:50.593	189.4	4	1863
09:51:51.593	189.3	1.6	1846
09:51:52.593	189.2	0	1822
09:51:53.593	189	6.7	1790
09:51:54.593	188.9	22.3	1764
09:51:55.593	188.8	56.1	1749
09:51:56.593	188.6	80.6	1737
09:51:57.593		90.3	1735
09:51:58.593		85.2	1743
09:51:59.593		77	1751
09:52:00.593		57	1758
09:52:01.593		65.4	1751
09:52:02.593		62.4	1741
09:52:03.593		47.7	1725
09:52:04.593	191.1	43.4	1710
09:52:05.593	191.4	49.4	1691
09:52:06.593	191.7	63.4	1682

40.95515	472.3	397.5522	73.4	0.000653	0.00005	0	17	0.7
42.03059	472.3	397.59577	73.4	0.000666	0.00005	0	17	0.7
43.10889	472.3	397.76427	73.4	0.000683	0.00005	0	17	0.6
44.22057	472.369216	432.872947	73.4	0.000701	0.00003	0	17	0.4
44.51092	472.94125	398.2	73.3	0.00072	0	0	17	0
44.60238	473.513284	398.2	73.3	0.000724	0	0	17	0
44.36652	474.085318	398.2	73.3	0.00072	0	0	17	0
46.84173	474.657352	398.803088	73.3	0.000732	0	0	17	0
46.66064	474.830563	420.044723	73.3	0.000738	0	0	17	0
45.86545	474.408028	398.2	73.3	0.000733	0.00002	0	17	0.3
45.2905	473.985493	398.9	73.2	0.00071	0.00001	0	17	0.2
44.35759	473.562958	398.9	73.3	0.000702	0.00001	0	17	0.1
44.28083	473.255403	435.045946	73.3	0.000693	0.00003	0	17	0.3
43.58707	473.64833	398.9	73.4	0.000684	0.00003	0	17	0.4
44.08814	474.041257	398.9	73.4	0.000694	0.00004	0	17	0.6
44.50973	474.434185	398.9	73.4	0.000713	0.00001	0	17	0.2
44.58239	474.827112	400.619808	73.3	0.000712	0.00001	0	17	0.2
43.34134	474.593445	417.693766	73.3	0.000688	0.00003	0	17	0.4
40.68935	473.867455	399.105875	73.4	0.000626	0.00004	0	17	0.5
41.0687	473.141464	398.9	73.4	0.000639	0.00003	0	17	0.4
43.25118	472.415474	398.9	73.4	0.000675	0.00003	0	17	0.5
43.38	471.689484	414.59065	73.4	0.000687	0.00001	0	17	0.2
42.70101	471.069455	407.413043	73.4	0.000694	0.00001	0	17	0.2
44.41371	470.48685	398.9	73.4	0.000704	0.00001	0	17.7	0.2
44.27345	469.904245	398.9	73.3	0.000708	0.00001	0	18	0.2
43.55675	469.32164	398.9	73.3	0.000692	0.00001	0	18	0.2
42.17389	468.739035	422.866895	73.3	0.000661	0.00002	0	18	0.3
40.97259	466.993766	398.9	73.3	0.000627	0.00001	0	18	0.2
39.22522	465.165004	398.9	73.4	0.000605	0.00002	0	18	0.3
38.59219	463.336243	398.9	73.4	0.000597	0.00002	0	18	0.2
39.60252	461.507481	398.9	73.4	0.000609	0.00002	0	18	0.3
39.36126	459.379798	427.772777	73.3	0.000615	0.00002	0	18	0.3
39.67443	455.08061	398.9	73.3	0.00062	0.00002	0	18	0.3
39.03906	450.781421	398.9	73.2	0.000598	0.00002	0	18	0.3
37.25781	446.482233	398.312836	73.2	0.000555	0.00004	0	18	0.6
32.94334	442.183045	399.519749	73.1	0.000487	0.00002	0	18	0.3
30.16095	434.741628	408.144882	73	0.000427	0.00001	0	18	0.3
28.9996	424.851286	398.2	72.9	0.000397	0.00001	0	18	0.3
29.04137	414.960945	397.41039	72.7	0.000385	0.00001	0	18	0.3
29.03298	405.070603	397.973585	72.5	0.000377	0.00001	0.00004	18	0.3
28.52316	395.180261	396.328962	72.3	0.000361	0.00001	0.00006	18	0.2
29.96797	392.707248	398.125664	72.1	0.000351	0.00001	0.00006	18	0.2
38.47666	391.862428	397.4	71.7	0.000415	0.00001	0.00004	18	0.2
32.9055	391.017608	397.4	71.3	0.000429	0.00004	0.00001	18	0.7
30.72904	390.172788	397.4	71	0.000407	0.00001	0	18	0.1
28.98354	382.319756	394.406847	71.7	0.000358	0.00002	0.00001	18	0.3
26.80714	359.710303	397.4	72.3	0.000236	0.00003	0.00003	18	0.6
21.27771	337.100849	397.4	72.5	0.000115	0.00003	0.00004	18	0.8
40.346	314.491396	396.6	72.4	0.000109	0.00005	0.00005	18	0.7
48.18251	291.881943	373.738927	72.3	0.000051	0.00004	0.00001	18	0.6
27.68018	304.847736	387.882647	71.9	0.00003	0.00002	0	18	0.5
27.87578	330.904829	395.736735	71.6	0.000087	0.00002	0	18	0.4
41.71647	356.961923	396.263218	69.7	0.000357	0.00001	0	18	0.1
63.84788	383.019017	396.178125	68.1	0.000926	0.00002	0	18	0.2
67.35779	407.663413	401.098457	67.5	0.001146	0.00002	0	18	0.2
63.65677	414.099698	396.6	67.1	0.00113	0.00003	0	18	0.3
47.10899	420.535983	396.6	67.1	0.000816	0.00002	0	18	0.3
29.0088	426.972268	395.980658	67.5	0.000442	0.00003	0	18	0.6
30.58844	433.408553	395.255372	67.9	0.000427	0.00003	0	18	0.5
26.13355	432.98703	408.125897	67.9	0.000379	0.00001	0	18	0.2
24.26401	423.907912	394.515181	67.7	0.000307	0.00002	0	18	0.5
25.06813	414.828794	393.397273	67.3	0.000277	0.00003	0.00001	18	0.8
30.22962	405.749676	392.7	66.6	0.000323	0.00004	0.00003	18	0.8

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106.871184	1	0.3201
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112.156152	1	0.32014
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93.958461	1	0.32053
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82.659176	1	0.32063
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76.490416	1	0.32066
74.194892	1	0.32067
72.048508	1	0.32068
69.902125	1	0.32069
67.755742	1	0.3207
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68.889333	1	0.32072
71.333778	1	0.32076
73.778222	1	0.32077
76.222667	1	0.32079
65.539066	1	0.32082
48.734177	1	0.32085
31.929289	1	0.3209
15.1244	1	0.32094
6.656867	0	0.32096
73.225535	0	0.32098
139.794204	0	0.32099
206.362873	0	0.32101
272.931541	0	0.32103
303.363323	0	0.32106
263.018123	0	0.32108
222.672923	1	0.32111
182.327724	1	0.32114
141.982524	1	0.32115
130.464537	1	0.32117
131.12533	1	0.3212
131.786123	1	0.32124

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09:52:10.593	193	79.6	1687
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09:52:19.593	195.9	89	1727
09:52:20.593	196.3	80.1	1745
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09:52:22.593	196.9	47.5	1770
09:52:23.593	197.2	53.8	1769
09:52:24.593	197.5	54.3	1753
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09:52:27.593		95.6	2185
09:52:28.593		91.9	2212
09:52:29.593		82.8	2263
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09:52:31.593		74.1	1931
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09:52:37.593	196.8	70.4	1966
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09:52:57.593		78.3	1895
09:52:58.593		77.1	1899
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09:53:01.593	194.6	77.6	1906
09:53:02.593	194.5	75.1	1903
09:53:03.593	194.3	71.5	1900
09:53:04.593	194.2	75.3	1893
09:53:05.593	194.1	77.4	1894
09:53:06.593	193.9	78	1892
09:53:07.593	193.8	77.7	1890
09:53:08.593	193.7	77.2	1890
09:53:09.593	193.5	77.1	1891

35.24328	396.670558	393.089404	65.9	0.000444	0.00002	0.00003	18	0.4
37.85311	403.873718	391.293012	65.3	0.000549	0.00002	0	18	0.3
37.36826	414.748372	390.4	65	0.000565	0.00001	0	18	0.2
36.22841	425.623026	389.681599	65	0.000564	0.00001	0	18	0.2
44.52278	436.49768	388.7	65.1	0.000715	0.00001	0	18	0.2
48.40885	445.52069	414.839474	65.2	0.000815	0.00001	0	18	0.2
44.30453	440.569319	386.183157	65.4	0.000734	0.00001	0	18	0.2
31.88773	435.617949	384.844186	65.6	0.000503	0.00001	0	18	0.2
28.24697	430.666578	384.093624	66	0.000417	0.00001	0	18	0.2
29.91833	425.715208	384.618203	66.3	0.000426	0	0	18	0.1
33.49619	432.036672	389.199627	66.3	0.000481	0	0	18	0.1
39.28276	446.095142	381.000582	66.2	0.000615	0.00002	0	18	0.4
66.10278	460.153611	379.266164	66.2	0.00095	0.00002	0	18	0.2
71.17125	474.212081	377.992086	66.3	0.001162	0.00004	0	18	0.4
62.3864	488.27055	416.245631	66.5	0.001043	0.0001	0	18	0.8
29.28131	473.889698	375.591462	67	0.000463	0.00006	0	18	1
30.97861	457.725722	374.724963	67.8	0.000367	0.00005	0	18	1
28.65836	441.561746	373.635178	68.4	0.000353	0.00003	0	18	0.5
26.27875	425.39777	372.596424	68.5	0.000432	0.00003	0	18	0.4
77.41818	419.848655	390.669701	68.4	0.001177	0.00008	0	18	0.5
129.97979	449.242026	372.645	68.1	0.00236	0.00079	0	18	3.3
129.07983	478.635397	373.884251	67.7	0.002072	0.00237	0	18	11.4
113.06562	508.028768	374.8	68	0.001796	0.00273	0	18	14.7
93.93869	537.422139	377.981461	69.5	0.001418	0.00177	0	18	11.9
70.76608	552.332696	430.488077	71.5	0.001177	0.00102	0	18	8.3
71.93394	548.508604	379.649837	73.1	0.00118	0.00051	0	18	4.1
70.36584	544.684512	380.820207	74.1	0.001134	0.00026	0	18	2.2
69.47855	540.860421	381.930769	74.8	0.001131	0.00014	0	18	1.3
65.99314	537.036329	414.417297	75.3	0.001095	0.00019	0	18	1.6
40.41252	529.060246	399.452601	75.8	0.000673	0.00012	0	18	1.5
40.85068	519.540693	385.7	76.2	0.000579	0.00009	0	18	1.3
42.19861	510.02114	386.552315	76.5	0.000635	0.00007	0	18	1
42.59635	500.501587	387.2	76.4	0.000647	0.00005	0	18	0.8
42.01149	490.671653	434.097129	76.2	0.000642	0.00005	0	18	0.7
40.68562	479.930127	388.214823	75.9	0.000618	0.00005	0	18	0.8
29.98133	469.188602	389.156798	75.7	0.000411	0.00004	0	18	0.7
26.87655	458.447076	389.6	75.6	0.000343	0.00005	0	18	1
45.56712	447.705551	393.118472	75.3	0.000486	0.00008	0	18	1.2
43.70811	444.337236	402.971826	74.6	0.000579	0.00004	0	18	0.5
39.70409	447.403222	391.1	74	0.000569	0.00002	0	18	0.4
38.69647	450.469207	391.9	73.6	0.000565	0.00002	0	18	0.4
38.24829	453.535192	392.710714	73.4	0.000586	0.00002	0	18	0.3
38.14325	456.718495	419.228933	73.2	0.000596	0.00002	0	18	0.3
38.67257	463.33955	393.569381	73.1	0.000613	0.00002	0	18	0.3
41.62204	469.960605	394.522828	72.9	0.000646	0.00002	0	18	0.3
51.12689	476.58166	395.548026	72.7	0.000826	0.00005	0	18	0.6
57.19379	483.202715	395.7	72.6	0.000924	0.00002	0	18	0.3
56.94109	487.077906	422.428338	72.5	0.000949	0.00003	0	18	0.3
57.69861	488.229112	397.652983	72.6	0.000957	0.00005	0	18	0.6
55.09176	489.380319	398.9	72.7	0.000912	0.00003	0	18	0.3
54.96389	490.531525	399.235813	72.9	0.000879	0.00005	0	18	0.6
52.87561	491.682732	432.433542	73.1	0.00085	0.00006	0	18	0.6
50.81255	489.843102	399.73285	73.2	0.000816	0.00006	0	18	0.7
49.51759	487.957926	400.286805	73.4	0.000768	0.00003	0	18	0.4
48.0866	486.072751	399.7	73.5	0.000734	0.00002	0	18	0.3
44.42677	484.187575	399.7	73.6	0.000692	0.00002	0	18	0.3
42.56167	482.259007	431.442474	73.6	0.000645	0.00001	0	18	0.2
39.86506	480.236949	399.417333	73.6	0.000616	0.00001	0	18	0.2
39.66215	478.21489	398.946154	73.5	0.000631	0.00001	0	18	0.2
41.84797	476.192831	398.676506	73.4	0.000648	0.00001	0	18	0.2
41.96633	474.170772	424.232031	73.3	0.000659	0.00001	0	18	0.1
41.32989	472.761821	398.870799	73.2	0.000665	0.00003	0	18	0.4
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119.223545	1	0.33278
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09:53:12.593	193.1	76	1895
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09:53:17.593	192.5	75.2	1899
09:53:18.593	192.3	77.3	1899
09:53:19.593	192.2	78.7	1900
09:53:20.593		76.5	1898
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09:53:23.593		78.5	1896
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09:53:26.593		79.2	1892
09:53:27.593	191.7	78.7	1892
09:53:28.593	191.6	81.2	1891
09:53:29.593	191.5	78.2	1891
09:53:30.593	191.5	76.4	1891
09:53:31.593	191.4	75.7	1893
09:53:32.593	191.3	79.8	1892
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09:53:35.593	191.1	78.6	1888
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09:53:39.593	190.9	78.8	1891
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09:54:04.593	191.5	79.9	1887
09:54:05.593	191.6	78.8	1888
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09:54:07.593	191.7	77.9	1887
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09:54:10.593	191.9	77.6	1889
09:54:11.593	192	77.3	1889
09:54:12.593	192.1	77.8	1889

41.30775	469.988392	398.2	73.2	0.000653	0.00002	0	18	0.3
40.8368	468.601677	398.2	73.2	0.000648	0	0	18	0
41.36626	467.9	417.55401	73.2	0.000642	0	0	18	0
41.09677	467.9	397.4	73.2	0.000639	0.00002	0	18	0.2
41.16261	467.9	398.137371	73.3	0.000648	0.00001	0	18	0.1
41.91297	467.9	397.4	73.3	0.000666	0	0	18	0
42.41384	467.838113	432.319014	73.3	0.000676	0	0.00001	18	0
41.94129	467.460755	396.6	73.4	0.00066	0	0.00004	18	0
41.51982	467.083396	396.6	73.4	0.000653	0	0.00006	18	0
42.69775	466.706038	396.6	73.5	0.000675	0	0.00007	18	0
42.61	466.328679	396.6	73.5	0.000671	0	0.00006	18	0
41.99919	466.746051	418.995882	73.5	0.000668	0.00001	0.00003	18	0.1
44.06386	468.385774	395.916393	73.6	0.000701	0.00001	0	18	0.1
44.71194	470.025497	396.6	73.5	0.000717	0.00001	0	18	0.1
46.09353	471.665219	396.6	73.4	0.000736	0.00001	0	18	0.1
46.50912	473.326391	428.299375	73.4	0.000744	0.00001	0	18	0.1
47.67643	475.301257	396.6	73.3	0.000765	0.00002	0	18	0.2
49.17254	477.276122	396.6	73.3	0.000782	0.00001	0	18	0.1
49.28503	479.250987	396.6	73.2	0.000785	0.00001	0	18	0.2
49.6485	481.225853	397.396181	73.2	0.000796	0.00001	0	18	0.1
48.64006	482.234247	415.334282	73.2	0.000792	0.00003	0	18	0.3
47.24854	482.619521	397.316869	73.2	0.000746	0.00003	0	18	0.3
47.72979	483.004795	397.4	73.2	0.000726	0.00002	0	18	0.3
48.25434	483.390068	397.4	73.2	0.000775	0.00002	0	18	0.2
48.1418	483.775342	427.244049	73.2	0.000786	0	0	18	0
48.86385	483.8	397.4	73.4	0.000779	0	0	18	0
48.36763	483.8	397.581443	73.6	0.000771	0.00001	0	18	0.1
48.41284	483.8	398.2	73.4	0.000769	0.00001	0	18	0.1
47.91834	483.8	397.402867	73.2	0.00076	0.00001	0	18	0.1
46.53221	483.8	425.366023	73.2	0.000748	0	0	18	0
47.51726	483.8	397.4	73.2	0.000752	0.00001	0	18	0.1
49.2662	483.8	397.4	73.2	0.000782	0.00001	0	18	0.1
48.82519	483.8	397.664693	73.1	0.000792	0	0	18	0
47.86136	483.8	422.325271	73.1	0.00078	0	0	18	0
48.51884	484.472911	400.583268	73.1	0.000777	0	0	18	0
49.05867	485.232405	397.40333	73.1	0.000791	0	0	18	0
50.47696	485.991899	398.2	73.1	0.000797	0.00001	0	18	0.2
50.21268	486.751392	398.2	73.1	0.000815	0.00001	0	18	0.1
48.83101	487.178504	442.001377	73.1	0.000785	0	0	18	0
46.139	485.66141	398.2	73.2	0.000715	0	0	18	0
44.00965	484.144316	397.782966	73.2	0.000677	0.00001	0	18	0.1
44.11223	482.627222	397.4	73.2	0.000692	0.00001	0	18	0.1
43.8803	481.110128	397.4	73.3	0.000701	0.00001	0	18	0.1
44.10203	480.022129	420.4175	73.2	0.000697	0.00001	0	18	0.1
44.47656	479.425839	397.4	73.2	0.000702	0.00001	0	18	0.1
46.32842	478.829549	398.13446	73.2	0.000727	0.00001	0	18	0.1
46.20142	478.23326	397.682979	73.2	0.000738	0.00003	0	18	0.3
45.6418	477.63697	425.925272	73.2	0.000726	0.00002	0	18	0.2
45.46991	476.885839	398.2	73.2	0.000717	0.00003	0	18	0.4
45.63931	476.124472	398.2	73.2	0.000721	0.00001	0	18	0.2
45.42639	475.363106	398.2	73.2	0.000722	0.00002	0	18	0.2
42.46861	474.60174	398.2	73.2	0.000684	0	0	18	0
40.36803	474.165788	426.921586	73.2	0.000639	0.00002	0	18	0.3
42.35008	474.358714	398.517698	73.2	0.000666	0.00004	0	18	0.6
43.66734	474.55164	398.442838	73.2	0.000692	0.00001	0	18	0.1
44.88529	474.744566	398.9	73.1	0.00072	0	0	18	0
44.22232	474.937492	408.279767	73.1	0.000717	0.00001	0	18	0.2
44.5259	474.614855	412.502875	73.1	0.000709	0	0	18	0
44.29969	474.045115	398.9	73.1	0.000694	0.00001	0	18	0.1
43.43151	473.475375	399.003022	73.2	0.00069	0.00001	0	18	0.1
43.8856	472.905634	399.7	73.1	0.000679	0.00001	0	18	0.1
43.26915	472.335894	424.480972	73.1	0.000677	0.00001	0	18	0.1
42.44158	472.479121	398.912807	73.2	0.000671	0.00001	0	18	0.1

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43.51761	472.670285	399.60837	73.2	0.000677	0.00003	0	18	0.4
43.91857	472.861449	399.317346	73.2	0.000708	0.00004	0	18	0.5
44.63422	473.052613	399.7	73.1	0.000714	0.00001	0	18	0.1
44.46918	473.295417	433.315441	73.1	0.000711	0.00001	0	18	0.2
44.6	473.712083	399.7	73.1	0.000696	0.00001	0	18	0.1
42.68054	474.12875	399.7	73.2	0.000676	0.00001	0.00001	18	0.1
44.20371	474.545417	399.7	73.2	0.000682	0.00001	0.00002	18	0.1
45.6856	474.962083	421.861633	73.1	0.000729	0.00001	0.00002	18	0.1
45.56189	474.444729	400.437212	73.1	0.000739	0.00001	0.00002	18	0.1
45.76368	473.833869	400.035789	73.1	0.000738	0.00001	0.00002	18	0.1
45.29872	473.223009	399.702852	73.1	0.000725	0.00001	0.00002	18	0.1
43.35904	472.612149	403.397538	73.1	0.000684	0.00001	0	18	0.1
41.92552	472.213451	418.433433	73.2	0.000659	0.00001	0	18	0.1
41.99285	472.03646	399.7	73.2	0.000653	0.00001	0.00001	18	0.1
42.67814	471.859469	399.7	73.2	0.000664	0.00001	0.00002	18	0.1
42.64366	471.682478	399.962843	73.2	0.000666	0.00001	0.00002	18	0.1
42.49754	471.505487	424.596865	73.2	0.000681	0	0.00002	18	0
43.58424	472.061114	400.465632	73.2	0.000704	0.00001	0.00002	18	0.2
44.22747	472.640178	399.898248	73.1	0.000698	0.00003	0.00002	18	0.4
45.17073	473.219243	400.5	73.1	0.000717	0.00001	0.00002	18	0.1
46.25664	473.798307	399.760027	73.1	0.000728	0	0.00002	18	0
45.10947	473.608832	421.314229	73	0.000717	0	0.00002	18	0
45.02751	472.58343	400.39875	73.1	0.000693	0	0.00002	18	0
43.38277	471.558028	400.272857	73.1	0.000682	0	0.00002	18	0
41.53667	470.532626	399.7	73.1	0.00067	0	0.00002	18	0
42.5523	469.656054	433.173214	73.2	0.000663	0	0.00002	18	0
44.62346	469.4223	400.0518	73.1	0.000702	0	0.00002	18	0
44.73921	469.188546	399.7	73.1	0.000725	0	0.00002	18	0
43.56898	468.954792	400.047448	73.1	0.000694	0	0.00002	18	0
42.39288	468.721038	422.643073	73.1	0.000662	0	0.00002	18	0
41.16851	468.349206	399.7	73.2	0.000634	0	0.00002	18	0
40.88081	467.963719	399.7	73.2	0.000618	0.00001	0.00002	18	0.2
40.83721	467.578231	399.7	73.2	0.000642	0	0.00002	18	0
40.57006	467.192744	399.7	73.2	0.000651	0	0.00002	18	0
41.90695	467.106383	416.599557	73.2	0.000666	0	0.00002	18	0
43.49439	467.319149	399.7	73.2	0.000685	0	0.00002	18	0
43.68876	467.531915	399.7	73.1	0.000703	0	0.00002	18	0.1
43.48884	467.744681	399.7	73.1	0.000702	0	0.00002	18	0
43.37059	468.000579	428.852835	73.1	0.000672	0	0.00002	18	0.1
41.51757	468.373096	399.185775	73.1	0.000651	0	0.00002	18	0
41.43514	468.745613	399.280552	73.2	0.000646	0	0	18	0
42.58176	469.118129	398.9	73.2	0.00067	0	0	18	0
44.22353	469.490646	399.699168	73.1	0.000693	0	0	18	0
42.62831	469.050148	421.635948	73.1	0.000687	0	0	18	0
41.33215	467.566469	399.7	73.1	0.000653	0	0	18	0
40.67554	466.082789	399.086216	73.2	0.000634	0	0	18	0
39.83728	464.59911	398.9	73.2	0.000612	0	0	18	0
39.77179	463.11543	408.197746	73.2	0.000611	0.00001	0	18	0.2
38.88618	460.176359	403.552239	73.2	0.000606	0.00001	0	18	0.1
39.26131	456.671301	398.9	73.2	0.000598	0	0	18	0
38.21775	453.166243	398.420119	73.2	0.000583	0.00001	0	18	0.2
36.00586	449.661186	400.197443	73.2	0.000543	0.00001	0	18	0.2
36.08845	446.832222	413.680078	73.3	0.000533	0.00002	0	18	0.3
36.26527	444.76873	398.9	73.3	0.000528	0.00001	0	18	0.1
36.0658	442.705238	398.9	73.3	0.000545	0	0	18	0
38.36455	440.641746	398.375	73.3	0.000571	0.00001	0	18	0.1
38.4671	438.839083	414.96129	73.2	0.000593	0.00001	0	18	0.1
39.60939	441.196431	398.072112	73.1	0.000603	0	0	18	0
40.11937	443.553778	397.729412	73.2	0.000614	0	0	18	0
39.52791	445.911126	398.751181	73.1	0.000617	0	0	18	0
41.55365	448.268473	398.209069	73.1	0.000632	0	0	18	0
42.04232	450.740807	410.044776	73.1	0.000674	0	0	18	0
43.61914	453.319283	398.2	73	0.000701	0	0	18	0

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96.285132	1	0.33373
96	1	0.33373
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95.533477	1	0.33373
94.885529	1	0.33373
94.237581	1	0.33373
93.589633	1	0.33374
92.711274	1	0.33375
89.503208	1	0.33375
86.295142	1	0.33376
83.087076	1	0.33377
79.87901	1	0.33379
78.172367	1	0.3338
77.032376	1	0.3338
75.892385	1	0.33381
74.752394	1	0.33382
74.382022	1	0.33382
75.505618	1	0.33382
76.629213	1	0.33382
77.752809	1	0.33382
78.876404	1	0.33382
82.323084	1	0.33382

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09:55:17.593	192.8	77.8	1887
09:55:18.593	192.9	78.8	1883
09:55:19.593	192.9	79.7	1884
09:55:20.593	193	77.3	1887
09:55:21.593	193.1	78.2	1885
09:55:22.593	193.1	80	1885
09:55:23.593	193.2	79.5	1885
09:55:24.593	193.3	79	1887
09:55:25.593	193.3	76.5	1889
09:55:26.593	193.4	75.8	1888
09:55:27.593	193.5	78.1	1890
09:55:28.593	193.5	78.4	1887
09:55:29.593	193.6	78.8	1887
09:55:30.593	193.7	80	1886
09:55:31.593	193.7	78.4	1886
09:55:32.593	193.8	77.5	1888
09:55:33.593	193.9	76.5	1888
09:55:34.593	193.9	78.2	1889
09:55:35.593	194	79.1	1889
09:55:36.593		80.4	1887
09:55:37.593		78.9	1888
09:55:38.593		78.1	1886
09:55:39.593		79.2	1885
09:55:40.593		80.3	1887
09:55:41.593		81	1884
09:55:42.593		80.4	1884
09:55:43.593		79.6	1884
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09:55:45.593	194	81.7	1884
09:55:46.593	194	78.5	1888
09:55:47.593	194	75.5	1892
09:55:48.593	194	75	1892
09:55:49.593	194	76.9	1892
09:55:50.593	194	78.1	1892
09:55:51.593	194	79.7	1891
09:55:52.593	194	76.7	1892
09:55:53.593	194	77.4	1890
09:55:54.593	194	79.7	1888
09:55:55.593	194	80.1	1888
09:55:56.593	194	79.6	1889
09:55:57.593	194	77.2	1891
09:55:58.593	194	76.7	1890
09:55:59.593	194	78.4	1887
09:56:00.593	194	79.2	1886
09:56:01.593	194	79.7	1889
09:56:02.593	194	79.1	1888
09:56:03.593	194	79.2	1889
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09:56:05.593		78.2	1891
09:56:06.593		77.3	1891
09:56:07.593		76.3	1891
09:56:08.593		77.8	1887
09:56:09.593		79.8	1891
09:56:10.593		77.3	1892
09:56:11.593		76.3	1894
09:56:12.593	194.6	77.9	1891
09:56:13.593	194.6	79.2	1890
09:56:14.593	194.7	75.7	1891
09:56:15.593	194.7	75.7	1891
09:56:16.593	194.8	76.2	1888
09:56:17.593	194.9	78.7	1892
09:56:18.593	194.9	79.4	1888

44.66896	455.897758	398.2	73	0.000716	0	0	18	0
44.52265	458.476233	397.901333	73	0.000719	0.00001	0	18	0.2
44.30731	461.0325	424.110317	73.1	0.00071	0	0	18	0.1
45.89227	463.240833	398.2	73.1	0.000717	0.00001	0	18	0.1
45.45334	465.449167	398.2	73	0.000716	0	0	18	0
45.38	467.6575	397.652632	73.1	0.000724	0.00001	0	18	0.1
46.7116	469.865833	397.4	73.1	0.000743	0	0	18	0
47.80026	471.54508	429.587795	73	0.000767	0	0	18	0
48.62002	471.718466	397.080756	73	0.000779	0	0	18	0
47.84673	471.891851	396.6	73	0.000765	0	0	18	0
46.09455	472.065236	396.6	73	0.000736	0	0	18	0
45.68369	472.238622	403.96507	73.1	0.000712	0	0	18	0
45.62806	473.009155	409.836481	73.1	0.000713	0	0	18	0
45.81489	474.106918	395.7	73.1	0.000726	0	0	18	0
46.60442	475.204681	395.7	73.1	0.00075	0	0	18	0
47.73342	476.302444	395.7	73.1	0.000762	0	0	18	0
47.26276	477.400207	417.416279	73.1	0.000758	0	0	18	0
45.87217	477.936241	400.631194	73.1	0.000737	0	0	18	0
46.19269	478.347294	394.368358	73.1	0.000725	0.00002	0	18	0.2
45.80272	478.758347	394.530175	73.1	0.000726	0.00002	0	18	0.2
47.26112	479.169399	394.2	73.1	0.000753	0	0	18	0
47.73009	479.873905	421.27393	73.1	0.000758	0.00001	0	18	0.2
46.77083	480.953415	393.761762	73.1	0.000752	0.00001	0	18	0.1
47.24272	482.032925	393.4	73.2	0.000764	0	0	18	0
48.49595	483.112435	393.4	73.1	0.000766	0	0	18	0
49.60557	484.191945	405.030068	73	0.000793	0	0	18	0
50.91997	485.787074	407.265746	73	0.000834	0	0	18	0
52.07049	487.695554	393.4	73	0.000839	0	0	18	0
52.66746	489.604034	393.4	73	0.000841	0	0	18	0
53.88935	491.512514	393.4	73	0.000861	0	0	18	0
54.51131	493.378252	432.970811	73	0.000889	0	0	18	0
52.23957	491.401168	394.2	73	0.000851	0	0	18	0
49.52192	489.424084	394.2	73	0.000794	0	0	18	0
47.40825	487.447001	393.56568	73.1	0.000746	0	0	18	0
46.25731	485.469917	402.35082	73.2	0.000713	0	0	18	0
46.20645	484.507112	416.220513	73.3	0.000721	0.00002	0	18	0.2
45.22242	484.34124	394.2	73.2	0.000714	0.00002	0	18	0.2
44.45687	484.175368	394.2	73.3	0.000705	0.00001	0	18	0.2
45.13214	484.009496	394.2	73.2	0.000717	0.00001	0	18	0.1
46.5831	483.843624	412.902913	73.2	0.000744	0	0	18	0
48.42785	483.659649	405.376812	73.1	0.000775	0	0	18	0
48.07802	483.469213	394.302019	73.2	0.000769	0.00001	0	18	0.1
47.12248	483.278777	395	73.2	0.000746	0	0	18	0
46.70799	483.088341	395.387138	73.2	0.000727	0.00001	0	18	0.1
47.14681	482.905871	429.591733	73.2	0.000737	0.00001	0	18	0.1
47.05876	483.439643	395.657674	73.2	0.000755	0.00001	0	18	0.1
47.27655	483.973414	395.174319	73.2	0.000753	0.00001	0	18	0.1
47.6892	484.507185	395.7	73.2	0.000755	0.00001	0	18	0.1
47.8288	485.040957	395.214706	73.1	0.000765	0.00001	0	18	0.1
47.32889	485.424622	439.347253	73.1	0.000754	0.00001	0	18	0.1
47.58084	484.886208	395.7	73.2	0.000752	0.00001	0	18	0.1
45.37201	484.347795	395.7	73.1	0.000734	0.00001	0	18	0.1
45.19536	483.809381	395.7	73.2	0.000717	0.00003	0	18	0.4
46.99024	483.270967	396.483666	73.2	0.000732	0.00001	0	18	0.1
45.10463	482.51211	432.512292	73.2	0.000722	0.00001	0	18	0.1
43.83813	481.264876	396.6	73.1	0.000698	0.00001	0	18	0.1
43.71243	480.017642	397.010783	73.2	0.000688	0.00001	0	18	0.1
43.34352	478.770408	397.4	73.2	0.000686	0.00001	0	18	0.1
43.32564	477.523174	397.4	73.2	0.000698	0.00001	0	18	0.1
41.78964	476.833831	427.944531	73.1	0.000678	0.00001	0	18	0.1
42.09197	477.22745	397.848988	73.2	0.000668	0.00001	0	18	0.1
41.84093	477.621069	397.955653	73.2	0.000674	0.00001	0	18	0.1
44.32242	478.014688	398.2	73.2	0.000694	0.00001	0	18	0.1

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89.790687	1	0.33383
93.524489	1	0.33383
97.053784	1	0.33384
100.180738	1	0.33384
103.307692	1	0.33385
106.434647	1	0.33385
109.561601	1	0.33385
113.10846	1	0.33385
117.013015	1	0.33385
120.91757	1	0.33385
124.822126	1	0.33385
128.726681	1	0.33385
128.041039	1	0.33385
127.009899	1	0.33385
125.978759	1	0.33385
124.947618	1	0.33385
124.055606	1	0.33385
124.742105	1	0.33387
125.428604	1	0.33389
126.115103	1	0.33389
126.801602	1	0.3339
127.903814	1	0.33391
129.175	1	0.33391
130.446186	1	0.33391
131.717373	1	0.33391
132.988559	1	0.33391
132.142363	1	0.33391
131.276936	1	0.33391
130.41151	1	0.33391
129.546084	1	0.33391
131.520714	1	0.33391
138.351917	1	0.33391
145.18312	1	0.33391
152.014323	1	0.33391
158.845527	1	0.33393
154.127208	1	0.33395
147.060071	1	0.33396
139.992933	1	0.33397
132.925795	1	0.33397
126.037831	1	0.33397
127.929382	1	0.33398
129.820933	1	0.33398
131.712484	1	0.33399
133.604035	1	0.334
134.94589	1	0.33401
134.739364	1	0.33402
134.532838	1	0.33403
134.326311	1	0.33404
134.119785	1	0.33405
133.827657	1	0.33406
133.417316	1	0.33407
133.006976	1	0.3341
132.596635	1	0.33411
132.186295	1	0.33412
130.339753	1	0.33413
127.299007	1	0.33414
124.258261	1	0.33415
121.217515	1	0.33416
118.176769	1	0.33417
115.731637	1	0.33418
113.662528	1	0.33419
111.59342	1	0.3342

09:56:19.593	195	80.8	1887
09:56:20.593	195.1	84.2	1887
09:56:21.593	195.1	83.7	1885
09:56:22.593	195.2	82.9	1882
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09:56:26.593	195.4	76.8	1882
09:56:27.593	195.5	74.9	1888
09:56:28.593	195.6	76.8	1892
09:56:29.593	195.6	81	1894
09:56:30.593	195.7	81.6	1894
09:56:31.593	195.8	80.5	1897
09:56:32.593		75.3	1898
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09:56:34.593		73.8	1904
09:56:35.593		63.3	1900
09:56:36.593		72.6	1898
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09:56:39.593		62.1	1899
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09:56:41.593	194	50.1	1899
09:56:42.593	193.8	49.6	1894
09:56:43.593	193.6	57.8	1890
09:56:44.593	193.4	64.3	1888
09:56:45.593	193.2	69	1887
09:56:46.593	193.1	72.5	1886
09:56:47.593	192.9	75.4	1885
09:56:48.593	192.7	78.7	1883
09:56:49.593	192.5	81.5	1884
09:56:50.593	192.3	77.5	1885
09:56:51.593	192.1	75.9	1888
09:56:52.593	191.9	73.4	1891
09:56:53.593	191.7	72.4	1891
09:56:54.593	191.5	74.1	1891
09:56:55.593	191.3	74.5	1886
09:56:56.593	191.1	76.5	1886
09:56:57.593	190.9	76.5	1887
09:56:58.593	190.8	76.2	1884
09:56:59.593	190.6	75.7	1884
09:57:00.593		76.2	1884
09:57:01.593		72.8	1878
09:57:02.593		66.4	1875
09:57:03.593		63.8	1868
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09:57:06.593		56.2	1849
09:57:07.593		53.2	1841
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09:57:10.593	191.1	83	1841
09:57:11.593	191.1	80.9	1848
09:57:12.593	191.2	78.7	1855
09:57:13.593	191.2	76	1862
09:57:14.593	191.3	77.3	1866
09:57:15.593	191.4	77.5	1871
09:57:16.593	191.4	76.7	1877
09:57:17.593	191.5	76.5	1878
09:57:18.593	191.6	77.1	1880
09:57:19.593	191.6	77.4	1881
09:57:20.593	191.7	78.9	1881
09:57:21.593	191.8	80.4	1885

45.25508	478.408307	402.623659	73.1	0.000729	0.00001	0	18	0.1
49.40896	481.095798	420.042173	73.1	0.000793	0.00001	0	18	0.1
52.126	485.960902	398.683909	73	0.000874	0.00001	0	18	0.1
56.45665	490.826006	398.9	73	0.000923	0.00001	0	18	0.1
61.19677	495.69111	399.242004	73	0.001003	0.00001	0	18	0.1
68.53698	500.556214	436.659415	72.9	0.001099	0.00001	0	18	0.1
71.56756	505.883304	399.850117	72.7	0.001208	0.00003	0	18	0.2
74.21575	511.21459	400.817693	72.7	0.001243	0.00002	0	18	0.1
71.4794	516.545875	401.3	72.6	0.001172	0.00006	0	18	0.5
68.77712	521.877161	401.553625	72.7	0.001103	0.00006	0	18	0.5
62.86689	523.050729	438.048435	72.8	0.001019	0.00004	0	18	0.4
57.68251	518.779896	401.3	73	0.000937	0.00001	0	18	0.1
54.65138	514.509063	401.3	73.2	0.000919	0.00001	0	18	0.1
53.15193	510.238229	402.003268	73.3	0.000882	0.00001	0	18	0.1
49.89981	505.967396	414.928973	73.4	0.00079	0.00001	0	18	0.1
47.02469	500.152774	417.226642	73.4	0.00072	0.00001	0	18	0.1
39.81548	493.443097	401.3	73.4	0.000594	0.00001	0	18	0.1
35.83164	486.733419	400.5	73.5	0.000517	0.00001	0	18	0.1
36.02482	480.023742	400.5	73.6	0.000528	0.00001	0	18	0.1
35.82897	473.314065	426.350157	73.5	0.000535	0.00001	0	18	0.1
33.79906	460.783158	399.7	73.5	0.000485	0.00001	0	18	0.1
29.67513	448.151579	399.585275	73.5	0.000436	0.00001	0	18	0.2
27.6662	435.52	399.235615	73.5	0.000389	0.00001	0	18	0.2
29.53976	422.888421	399.183194	73.6	0.000361	0.00002	0	18	0.4
32.56335	412.658397	405.304242	73.6	0.000363	0.00001	0	18	0.2
33.59833	417.429389	398.2	73.5	0.000399	0.00001	0	18	0.1
36.08335	422.200382	398.2	73.3	0.000475	0.00001	0	18	0.1
38.18163	426.971374	398.2	73.2	0.000545	0.00001	0	18	0.1
39.92754	431.742366	397.414845	73.1	0.000598	0.00001	0	18	0.1
42.16833	436.848157	409.777049	73.1	0.000642	0.00001	0	18	0.1
46.1974	442.412508	398.2	73	0.000693	0.00001	0	18	0.1
46.80937	447.97686	398.2	73	0.00074	0.00001	0	18	0.1
46.48433	453.541212	398.2	73	0.000739	0.00001	0	18	0.1
43.0268	459.099436	421.238986	73	0.000662	0.00001	0	18	0.1
39.6011	458.535077	398.2	73.1	0.000595	0.00001	0	18	0.1
38.29649	457.970718	398.469657	73.2	0.000579	0.00001	0	18	0.1
38.63109	457.40636	398.421995	73.2	0.000603	0.00001	0	18	0.1
39.21863	456.842001	398.2	73.2	0.000626	0.00002	0	18	0.2
40.52246	456.353532	418.960963	73.1	0.000641	0.00001	0	18	0.2
39.88469	455.981784	397.768443	73	0.000636	0.00001	0	18	0.2
39.55393	455.610037	397.688083	73	0.000636	0.00001	0	18	0.2
41.36865	455.23829	397.4	73	0.000633	0.00001	0	18	0.2
38.94095	454.866543	402.511506	72.9	0.000606	0.00001	0	18	0.2
35.70896	449.921424	411.836399	72.8	0.000537	0.00001	0	18	0.2
32.55672	441.264584	397.670075	72.7	0.000478	0.00001	0	18	0.2
31.15589	432.607743	397.4	72.7	0.000446	0	0.00001	18	0.1
30.01343	423.950903	397.4	72.6	0.000425	0	0.00004	18	0.1
28.27276	415.294063	400.485871	72.4	0.000406	0	0.00007	18	0.1
28.53693	419.176471	397.876358	72.2	0.00038	0	0.00009	18	0.1
28.15796	427.579832	396.6	72	0.000398	0	0.0001	18	0.1
51.12143	435.983193	396.038796	71.9	0.00068	0.00001	0.00013	18	0.1
54.59704	444.386555	396.6	71.7	0.000836	0.00002	0.00007	18	0.2
54.30042	452.37439	421.447894	71.2	0.000881	0.00002	0.00001	18	0.2
53.86114	456.357259	395.7	71.1	0.000886	0.00002	0	18.7	0.2
51.81671	460.340128	396.035361	71.3	0.000836	0.00004	0	19	0.4
49.80918	464.322998	395.91448	71.6	0.000785	0.00004	0	19	0.5
48.53753	468.305867	395.004132	71.9	0.000764	0.00002	0	19	0.3
47.03371	470.417696	418.337687	72.2	0.000737	0.00001	0	18.3	0.2
45.52343	469.987735	395.204167	72.4	0.000708	0.00001	0	18.7	0.2
44.09521	469.557773	395	72.5	0.000685	0.00001	0	19	0.2
43.58042	469.127812	394.647761	72.7	0.000684	0.00001	0	19	0.2
43.67435	468.704839	422.187089	72.7	0.00068	0.00001	0	19	0.2
45.562	469.672581	394.2	72.8	0.00073	0.00001	0	19	0.2

109.524312	1	0.33421
107.455204	1	0.33422
114.062019	1	0.33423
123.11589	1	0.33424
132.16976	1	0.33425
141.223631	1	0.33426
155.734372	1	0.33429
179.86247	1	0.33431
203.990568	1	0.33437
228.118666	1	0.33443
252.246765	1	0.33447
241.480673	1	0.33448
222.15399	1	0.33449
202.827307	1	0.3345
183.500623	1	0.33451
164.17394	1	0.33452
147.682077	1	0.33453
131.215959	1	0.33454
114.749842	1	0.33455
98.283724	1	0.33456
86.157503	1	0.33457
86.777594	1	0.33458
87.397685	1	0.33459
88.017776	1	0.33461
88.637867	1	0.33462
88.730686	1	0.33463
88.083297	1	0.33464
87.435909	1	0.33465
86.78852	1	0.33466
86.141131	1	0.33467
91.307692	1	0.33468
98.095023	1	0.33469
104.882353	1	0.3347
111.669683	1	0.33471
114.160491	1	0.33472
109.078975	1	0.33473
103.997459	1	0.33474
98.915943	1	0.33476
93.834427	1	0.33477
91.334929	1	0.33478
90.29413	1	0.33479
89.253331	1	0.3348
88.212531	1	0.33481
87.171732	1	0.33482
82.587614	1	0.33483
77.303319	1	0.33483
72.019023	1	0.33483
66.734728	1	0.33483
63.860345	1	0.33483
81.748276	1	0.33483
99.636207	1	0.33484
117.524138	1	0.33486
135.412069	1	0.33488
147.285714	1	0.3349
152.211823	1	0.33494
157.137931	1	0.33498
162.064039	1	0.335
166.990148	1	0.33501
160.82329	1	0.33502
151.795983	1	0.33503
142.768675	1	0.33504
133.741368	1	0.33505
127.385784	1	0.33506

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09:57:23.593	191.9	78.3	1883
09:57:24.593	192	76.7	1886
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09:57:26.593	192.1	81	1883
09:57:27.593	192.2	81.2	1889
09:57:28.593		77.8	1887
09:57:29.593		81.3	1885
09:57:30.593		78.4	1889
09:57:31.593		77.5	1889
09:57:32.593		77	1889
09:57:33.593		82	1886
09:57:34.593		80.9	1889
09:57:35.593	193.2	78.5	1890
09:57:36.593	193.3	76.3	1890
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09:57:39.593	193.7	79.7	1890
09:57:40.593	193.8	78.6	1888
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09:57:42.593	194.1	79.4	1887
09:57:43.593	194.2	80.4	1888
09:57:44.593	194.3	80.1	1888
09:57:45.593	194.5	80.6	1884
09:57:46.593	194.6	84.2	1886
09:57:47.593	194.7	81.7	1886
09:57:48.593	194.9	76.1	1892
09:57:49.593	195	73.8	1893
09:57:50.593	195.1	74.4	1894
09:57:51.593	195.3	76.5	1893
09:57:52.593	195.4	78.1	1891
09:57:53.593	195.5	79.9	1890
09:57:54.593	195.7	81	1888
09:57:55.593	195.8	80.1	1889
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09:57:57.593		79.1	1889
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09:58:01.593		78.2	1892
09:58:02.593		76.6	1890
09:58:03.593	195.3	77.1	1892
09:58:04.593	195.2	77.2	1893
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09:58:11.593	194.8	75.8	1892
09:58:12.593	194.7	76.9	1892
09:58:13.593	194.6	77.9	1893
09:58:14.593	194.6	79.3	1889
09:58:15.593	194.5	81.2	1885
09:58:16.593	194.4	81.7	1885
09:58:17.593	194.4	78.7	1888
09:58:18.593	194.3	75.7	1891
09:58:19.593	194.2	74.7	1889
09:58:20.593	194.2	79.7	1889
09:58:21.593	194.1	81.4	1888
09:58:22.593	194	79.1	1889
09:58:23.593		79.2	1888
09:58:24.593		78.4	1888

46.06198	470.640323	393.887829	72.8	0.000751	0.00001	0	19	0.2
46.93543	471.608065	393.4	72.8	0.000756	0.00001	0	19	0.2
46.66434	472.575806	393.4	72.8	0.000744	0.00001	0	19	0.2
45.84223	473.942134	423.87561	72.9	0.000726	0.00001	0	19	0.2
48.02121	476.032651	393.095161	73.1	0.000759	0.00001	0	19	0.2
50.42289	478.123168	392.141176	73	0.000801	0.00001	0	19	0.2
49.53033	480.213685	391.87684	73	0.00081	0.00002	0	19	0.2
51.75514	482.304203	405.207031	73.1	0.000821	0.00003	0	19	0.3
52.41279	483.605747	400.802174	73.1	0.000852	0.00003	0	19	0.3
51.4843	484.592805	391.170811	73	0.000835	0.00003	0	19	0.4
49.02377	485.579864	390.955102	73.1	0.000791	0.00005	0	19	0.6
49.92018	486.566923	390.4	73.1	0.000792	0.00002	0	19	0.2
51.39611	487.426218	438.500823	73.1	0.000812	0.00001	0	19	0.1
50.96078	487.594286	390.4	73	0.000822	0.00001	0	19	0.1
49.57641	487.762353	390.4	73	0.000801	0.00001	0	19	0.1
48.15593	487.93042	390.4	73.1	0.000757	0.00001	0	19	0.1
49.37516	488.098487	391.081759	73.2	0.000784	0.00001	0	19	0.1
49.33157	488.279359	422.495133	73.2	0.000796	0.00001	0	19	0.1
48.728	488.47976	390.805109	73.1	0.000792	0.00001	0	19	0.1
50.76366	488.68016	390.550329	73.2	0.000797	0.00001	0	19	0.1
50.07405	488.880561	390.951542	73.2	0.000799	0.00002	0	19	0.2
50.86341	489.080962	420.359346	73.1	0.000809	0.00002	0	19	0.2
50.58669	491.10927	391.1	73.1	0.000817	0.00002	0	19	0.2
51.08124	493.329458	391.1	73.1	0.000818	0.00002	0	19	0.2
51.82541	495.549645	391.1	73.1	0.000845	0.00002	0	19	0.2
55.21001	497.769833	398.267942	73	0.000912	0.00002	0	19	0.2
55.40733	497.250598	415.795294	73	0.000899	0.00002	0	19	0.2
51.23476	494.359922	391.9	73	0.000823	0.00002	0	19	0.2
47.84404	491.469246	392.7	73.1	0.000749	0.00002	0	19	0.3
45.64497	488.57857	392.7	73.2	0.000693	0.00001	0	19	0.2
44.42494	485.687894	422.490931	73.3	0.000686	0.00001	0	19	0.2
45.64899	486.575179	393.4	73.3	0.000711	0.00001	0	19	0.2
47.09038	487.725103	393.4	73.2	0.000751	0.00001	0	19	0.2
48.50861	488.875027	393.4	73.2	0.000782	0.00001	0	19	0.2
50.07174	490.024951	393.4	73.1	0.000791	0.00001	0	19	0.2
51.28536	490.412601	428.771579	73.1	0.000824	0.00002	0	19	0.2
49.64896	489.22426	393.891405	73.1	0.000803	0.00002	0	19	0.2
47.60556	488.035919	394.2	73.1	0.000754	0.00001	0	19	0.2
45.75841	486.847578	395	73.2	0.000713	0.00002	0	19	0.3
45.32027	485.659238	418.72606	73.2	0.000702	0.00002	0	19	0.3
43.63243	484.363713	396.080228	73.2	0.00068	0.00003	0	19	0.4
42.21015	483.051602	395.058419	73.2	0.000665	0.00002	0	19	0.3
41.79634	481.739492	395.7	73.2	0.000646	0.00001	0	19	0.2
42.05178	480.427382	395.7	73.3	0.000659	0.00001	0	19	0.2
43.89244	479.442838	433.952036	73.3	0.000711	0.00001	0	19	0.2
45.93007	479.64025	395.7	73.2	0.000753	0.00001	0	19	0.2
46.53715	479.837662	395.7	73.1	0.000763	0.00001	0	19	0.2
46.68348	480.035073	396.563452	73.1	0.000739	0.00001	0	19	0.2
45.7906	480.232485	405.636146	73.1	0.000716	0.00001	0	19	0.2
43.13996	479.778582	411.586794	73.2	0.000668	0.00001	0	19	0.2
41.56721	478.986155	397.4	73.2	0.000652	0.00001	0	19	0.2
41.561	478.193727	397.4	73.2	0.000645	0.00001	0	19	0.2
42.33583	477.401299	397.4	73.3	0.00067	0.00001	0	19	0.2
45.11331	476.722638	434.186035	73.2	0.000717	0.00001	0	19	0.2
47.61876	476.919488	397.694681	73.2	0.000779	0.00001	0	19	0.2
50.08378	477.116339	398.2	73.1	0.000809	0.00002	0	19	0.2
47.92213	477.313189	398.2	73	0.000777	0.00003	0	19	0.3
45.32137	477.510039	400.359861	73.1	0.000706	0.00002	0	19	0.2
44.30645	478.523509	419.047598	73	0.000674	0.00001	0	19	0.2
46.07936	480.224263	398.9	73	0.000734	0.00001	0	19	0.2
47.89874	481.925016	399.684501	73.1	0.000774	0.00001	0	19	0.2
48.44481	483.62577	399.968943	73.1	0.000784	0.00001	0	19	0.2
48.76571	485.326523	425.06422	73.2	0.000783	0.00001	0	19	0.2

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124.010968	1	0.33508
122.32356	1	0.33509
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124.037159	1	0.33514
125.576297	1	0.33517
127.467742	1	0.3352
133.704301	1	0.33523
139.94086	1	0.33528
146.177419	1	0.3353
152.413978	1	0.33531
155.726512	1	0.33532
155.083012	1	0.33533
154.439511	1	0.33534
153.79601	1	0.33535
153.15251	1	0.33536
151.980174	1	0.33537
150.643573	1	0.33538
149.306973	1	0.3354
147.970372	1	0.33542
145.56053	1	0.33544
140.306989	1	0.33546
135.053449	1	0.33548
129.799909	1	0.3355
124.546368	1	0.33552
132.01921	1	0.33554
140.969221	1	0.33556
149.919232	1	0.33557
158.869243	1	0.33558
162.634717	1	0.33559
155.125883	1	0.3356
147.617049	1	0.33561
140.108216	1	0.33562
132.599382	1	0.33564
134.428447	1	0.33566
138.784796	1	0.33567
143.141146	1	0.33569
147.497495	1	0.33571
149.168224	1	0.33574
139.82243	1	0.33576
130.476636	1	0.33577
121.130841	1	0.33578
111.785047	1	0.33579
109.915647	1	0.3358
113.135222	1	0.33581
116.354797	1	0.33582
119.574372	1	0.33583
122.793947	1	0.33584
119.433886	1	0.33585
115.623935	1	0.33586
111.813985	1	0.33587
108.004034	1	0.33588
108.851128	1	0.33589
114.866165	1	0.33591
120.881203	1	0.33594
126.896241	1	0.33596
132.911278	1	0.33597
133.461302	1	0.33598
132.803552	1	0.33599
132.145801	1	0.336
131.488051	1	0.33601

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09:58:26.593		77.8	1888
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09:58:33.593	185.7	75.5	1891
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09:58:37.593	182.5	80.5	1888
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09:58:42.593	178.5	76.6	1891
09:58:43.593	177.7	75.8	1891
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09:58:45.593	176.1	78.8	1889
09:58:46.593	175.3	79.1	1889
09:58:47.593	174.6	77.9	1889
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09:58:51.593		76.5	1888
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09:58:56.593		76.2	1882
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09:59:00.593	166.9	76.7	1854
09:59:01.593	166.3	82	1846
09:59:02.593	165.8	78.5	1833
09:59:03.593	165.3	79.5	1821
09:59:04.593	164.7	80.8	1811
09:59:05.593	164.2	81	1804
09:59:06.593	163.7	80.2	1806
09:59:07.593	163.1	77.3	1825
09:59:08.593	162.6	75.4	1838
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09:59:10.593	161.5	79	1863
09:59:11.593	161	80	1871
09:59:12.593	160.4	73.6	1876
09:59:13.593	159.9	72.9	1884
09:59:14.593	159.4	72.3	1882
09:59:15.593	158.8	68.9	1884
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09:59:17.593		60.3	1892
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09:59:19.593		42.1	1894
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09:59:25.593	155.7	58.3	1883
09:59:26.593	155.5	66.9	1880
09:59:27.593	155.2	72.5	1877

48.50633	485.5	399.753085	73.2	0.000787	0.00001	0	19	0.2
48.1507	485.5	400.707874	73.1	0.000768	0.00001	0	19	0.2
47.84332	485.5	400.786303	73.1	0.000767	0.00001	0	19	0.2
47.66	485.5	401.445758	73.2	0.000764	0.00001	0	19	0.2
47.74921	485.338498	426.369565	73.2	0.000756	0.00001	0	19	0.2
48.13102	484.985874	400.9569	73.2	0.000762	0.00001	0	19	0.2
48.63464	484.63325	401.3	73.2	0.000768	0.00001	0	19	0.2
47.65628	484.280626	402.1	73.1	0.000756	0.00001	0	19	0.2
45.73854	483.928002	413.292559	73.1	0.000718	0.00001	0	19	0.2
43.5659	483.319401	413.849702	73.2	0.000683	0.00001	0	19	0.2
42.27518	482.564928	401.428898	73.2	0.000653	0.00002	0	19	0.3
42.20001	481.810455	401.3	73.2	0.000641	0.00001	0	19	0.2
43.50425	481.055982	401.641873	73.3	0.000695	0.00002	0	19	0.3
45.26266	480.301509	431.099683	73.2	0.000722	0.00002	0	19	0.3
44.66835	479.116159	402.1	73.2	0.000724	0.00002	0	19	0.3
45.02	477.929946	402.1	73.1	0.000713	0.00002	0	19	0.3
44.15803	476.743733	401.378627	73.1	0.000702	0.00002	0	19	0.3
42.90605	475.55752	406.920648	73.2	0.000683	0.00002	0	19	0.3
41.91341	474.892349	419.41375	73.2	0.000664	0.00002	0	19	0.3
41.13758	474.689235	402.1	73.2	0.000646	0.00002	0	19	0.3
41.80353	474.486121	402.1	73.2	0.000654	0.00002	0	19	0.3
43.25635	474.283006	402.1	73.2	0.000683	0.00002	0	19	0.3
44.44296	473.979077	434.54586	73.2	0.000709	0.00002	0	19	0.3
44.77194	472.757634	402.1	73.1	0.000715	0.00002	0	19	0.3
43.73301	471.536191	402.1	73.1	0.000703	0.00002	0	19	0.3
42.35054	470.314748	402.173421	73.1	0.000667	0.00002	0	19	0.3
41.67961	469.093305	413.643056	73.1	0.000644	0.00002	0	19	0.3
41.08493	468.7	413.248684	73.1	0.000645	0.00002	0	19	0.3
42.18542	468.7	402.224211	73.1	0.000659	0.00002	0	19	0.3
42.58268	468.7	402.532821	73	0.000679	0.00002	0.00001	19	0.3
43.7339	468.7	402.1	73	0.000688	0.00002	0.00001	19	0.3
42.49279	467.949026	431.454474	72.9	0.000681	0.00002	0	19	0.3
40.59227	465.049513	402.1	72.8	0.000632	0.00002	0	19	0.3
37.90323	462.15	402.1	72.9	0.000563	0.00002	0	19	0.3
35.69	459.250487	402.856645	72.9	0.000555	0.00002	0.00003	19	0.3
38.25839	456.350974	414.243657	72.7	0.000581	0.00002	0.00004	19	0.3
41.8978	458.228128	405.473182	72.5	0.000634	0.00001	0.00006	19	0.2
43.08381	461.774861	402.1	72.1	0.000694	0.00001	0.00007	19	0.2
44.77176	465.321593	402.379589	71.7	0.000732	0.00001	0.00003	19	0.2
46.36274	468.868325	402.289589	71.3	0.000749	0.00001	0.00002	19	0.2
52.56513	474.358034	432.535302	70.7	0.000991	0.00002	0.00001	19	0.2
88.98194	485.435685	402.9	70.3	0.001535	0.00003	0	19	0.2
92.75956	496.513336	402.9	69.9	0.001469	0.00022	0	19	1.4
82.48719	507.590987	403.770414	69.6	0.00129	0.0003	0	19	2.2
70.35125	518.668638	411.192835	69.9	0.001105	0.00023	0	19	2
58.93874	518.142329	423.487688	70.6	0.000918	0.00015	0	19	1.6
52.88771	510.165859	403.8	71.3	0.000863	0.0001	0	19	1
48.50301	502.189388	402.9	71.7	0.000782	0.00007	0	19	0.8
43.75622	494.212918	402.9	72.1	0.000661	0.00005	0	19	0.6
40.96988	485.58514	432.763485	72.4	0.000644	0.00004	0	19	0.5
39.83839	475.794442	402.1	72.6	0.000594	0.00003	0	19	0.4
35.96733	466.003744	401.362419	72.8	0.000509	0.00002	0.00001	19	0.4
32.3219	456.213047	401.799191	72.9	0.000458	0.00001	0.00003	19	0.3
27.73847	445.833409	420.53268	73.1	0.000405	0.00001	0.00006	19	0.3
29.58296	426.060682	400.5	73.2	0.000372	0.00001	0.0001	19	0.3
30.41706	406.287955	400.179167	73.3	0.000305	0.00001	0.00012	19	0.2
29.71472	386.515227	399.7	73.3	0.000241	0.00001	0.00011	19	0.2
29.69986	366.7425	395.528051	73.3	0.000204	0.00002	0.0001	19	0.5
29.60457	363.108222	392.220461	73.3	0.000201	0.00002	0.00009	19	0.4
27.60401	367.824794	398.9	73.2	0.000225	0.00001	0.00009	19	0.2
32.41771	372.541367	398.9	73.2	0.000295	0.00001	0.00008	19	0.2
35.88269	377.25794	398.561321	73.1	0.000414	0.00001	0.00007	19	0.2
39.73874	382.38989	391.335142	72.9	0.000538	0.00001	0.00008	19	0.2

131.798938	1	0.33602
134.895598	1	0.33603
137.992258	1	0.33604
141.088918	1	0.33605
144.185578	1	0.33606
144.532558	1	0.33607
143.898309	1	0.33608
143.264059	1	0.33609
142.62981	1	0.3361
141.948707	1	0.33611
134.621121	1	0.33613
127.293534	1	0.33614
119.965948	1	0.33616
112.638362	1	0.33618
108.163438	1	0.3362
108.608773	1	0.33622
109.054108	1	0.33624
109.499443	1	0.33626
109.944778	1	0.33628
107.615245	1	0.3363
104.892922	1	0.33632
102.170599	1	0.33634
99.448276	1	0.33636
98.207539	1	0.33638
98.650998	1	0.3364
99.094457	1	0.33642
99.537916	1	0.33644
99.981375	1	0.33646
99.13362	1	0.33648
98.229256	1	0.3365
97.324893	1	0.33652
96.420529	1	0.33654
94.667346	1	0.33656
92.176404	1	0.33658
89.685462	1	0.3366
87.19452	1	0.33662
85.622222	1	0.33663
90.85098	1	0.33664
96.079739	1	0.33665
101.308497	1	0.33666
106.537255	1	0.33668
141.902637	1	0.33671
204.10044	1	0.33693
266.298242	1	0.33723
328.496044	1	0.33746
390.693846	1	0.33761
337.290498	1	0.33771
281.407451	1	0.33778
225.524405	1	0.33783
169.641358	1	0.33787
141.246364	1	0.3379
122.61	1	0.33792
103.973636	1	0.33793
85.337273	1	0.33794
75.380823	1	0.33795
82.424676	1	0.33796
89.46853	1	0.33797
96.512384	1	0.33799
103.556237	1	0.33801
100.963051	1	0.33802
97.72191	1	0.33803
94.480769	1	0.33804
91.239628	1	0.33805

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09:59:33.593	153.6	72.2	1889
09:59:34.593	153.4	74.3	1891
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09:59:36.593	152.8	79.2	1892
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09:59:40.593	151.8	77.5	1889
09:59:41.593	151.5	76.7	1889
09:59:42.593	151.2	75	1890
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09:59:50.593		76.7	1891
09:59:51.593		77.2	1891
09:59:52.593	152.4	77.9	1892
09:59:53.593	152.6	78.5	1889
09:59:54.593	152.8	81.9	1886
09:59:55.593	153	79.4	1888
09:59:56.593	153.2	75.4	1890
09:59:57.593	153.4	75.1	1891
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09:59:59.593	153.8	79.3	1889
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10:00:02.593	154.4	76.1	1888
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10:00:20.593	155.1	77.7	1891
10:00:21.593	154.9	77.3	1890
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10:00:23.593	154.7	78.6	1889
10:00:24.593	154.5	79.1	1889
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10:00:29.593	153.9	78	1892
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41.74523	398.332858	398.2	72.7	0.000628	0.00001	0.00009	19	0.2
46.69225	414.275826	398.2	73.2	0.000721	0.00001	0.00009	19	0.2
53.94616	430.218795	398.660211	73	0.000846	0.00002	0.00007	19	0.2
55.59376	446.161763	398.9	72.6	0.000935	0.00002	0.00004	19	0.2
53.52153	456.005173	416.840206	72.6	0.000877	0.00002	0.00003	19	0.2
48.61809	456.998245	398.72807	72.7	0.000765	0.00001	0	19	0.1
44.99891	457.991316	398.2	72.9	0.000676	0.00001	0	19	0.1
44.14247	458.984388	398.2	73.1	0.000667	0.00001	0	19	0.1
44.58075	459.975161	425.091158	73.2	0.00069	0.00001	0	19	0.1
43.81496	460.938758	397.4	73.2	0.000685	0.00001	0	19	0.1
44.75628	461.902355	397.085864	73.2	0.000697	0.00001	0	19	0.1
46.39212	462.865953	396.6	73.2	0.000738	0.00001	0	19	0.1
46.23228	463.82955	395.712632	73.1	0.00075	0.00001	0	19	0.1
45.74575	464.085947	417.779911	73.1	0.000726	0.00001	0	19	0.1
43.22431	463.316208	394.534304	73.2	0.000678	0.00001	0	19	0.1
41.31111	462.54647	394.2	73.2	0.000642	0.00001	0	19	0.1
41.06543	461.776732	393.250541	73.2	0.000627	0.00001	0	19	0.1
42.70755	461.006994	412.426164	73.3	0.000686	0.00001	0	19	0.1
44.68864	461.370987	395.571875	73.2	0.000704	0.00001	0	19	0.1
45.7748	461.91801	391.817098	73.1	0.000746	0.00001	0	19	0.2
46.96696	462.465033	391.1	73.1	0.000758	0.00001	0	19	0.2
46.04953	463.012056	390.158995	73.1	0.000736	0.00001	0	19	0.2
44.68923	463.563558	423.144534	73.1	0.000702	0.00001	0	19	0.2
44.18091	464.15206	388.466667	73.1	0.00068	0.00001	0	19	0.1
42.78965	464.740561	388	73.2	0.000672	0.00001	0	19	0.1
42.58903	465.329063	387.922497	73.2	0.000672	0.00001	0	19	0.1
45.08706	465.917565	397.093224	73.3	0.000731	0.00001	0	19	0.1
49.68139	465.459041	399.63872	73.2	0.000811	0.00001	0	19	0.1
48.10913	464.530114	386.555767	73.1	0.000781	0.00001	0	19	0.1
46.03749	463.601188	386.4	73.1	0.000724	0.00001	0	19	0.1
42.88387	462.672262	386.4	73.2	0.000656	0.00001	0	19	0.1
40.33721	461.84682	418.607232	73.2	0.000635	0.00001	0	19	0.1
43.58504	462.614364	385.7	73.3	0.000687	0.00001	0	19	0.1
45.63171	463.381908	385.376883	73.2	0.000742	0.00001	0	19	0.1
44.74686	464.149452	385.58481	73.2	0.000738	0.00001	0	19	0.1
45.8412	464.916996	385.7	73.2	0.00072	0.00001	0	19	0.1
43.51957	465.486776	405.243582	73.3	0.000691	0.00001	0	19	0.2
42.43816	465.859583	385.7	73.2	0.000671	0.00001	0	19	0.2
42.7871	466.23239	385.7	73.2	0.000668	0.00001	0	19	0.2
43.84034	466.605197	385.995647	73.2	0.000693	0.00001	0	19	0.2
44.42556	466.978004	414.576786	73.2	0.00071	0.00001	0	19	0.2
45.08732	467	387.183424	73.2	0.000731	0.00001	0	19	0.2
45.94383	467	386.506806	73.1	0.000729	0.00001	0	19	0.2
45.14428	467	387.2	73.2	0.000723	0.00001	0	19	0.2
45.72277	467	387.2	73.1	0.000722	0.00001	0	19	0.2
45.10906	467	423.055172	73.2	0.00071	0.00001	0	19	0.2
43.05491	467	388	73.2	0.000686	0.00001	0	19	0.2
42.65284	467	388.482362	73.2	0.000675	0.00001	0	19	0.1
42.8946	467	388.006781	73.2	0.000672	0.00001	0	19	0.2
44.4025	467	392.892771	73.2	0.000698	0.00001	0	19	0.2
43.95293	466.69577	408.420864	73.2	0.000708	0.00001	0	19	0.2
43.37927	466.098069	388.7	73.2	0.000695	0.00001	0	19	0.2
43.68408	465.500368	387.706389	73.2	0.000698	0.00001	0	19	0.1
42.94805	464.902667	389.6	73.2	0.000686	0.00001	0	19	0.1
43.11734	464.456584	426.438745	73.2	0.000678	0.00001	0	19	0.1
43.45446	464.812456	389.777215	73.2	0.000679	0.00001	0	19	0.2
44.06687	465.168327	390.091765	73.2	0.000687	0.00001	0.00002	19	0.2
43.98455	465.524199	390.203109	73.1	0.000705	0.00001	0.00002	19	0.2
44.09091	465.880071	389.711371	73.2	0.000711	0.00001	0.00002	19	0.2
44.41136	465.741354	417.491101	73.1	0.000707	0.00002	0.00002	19	0.3
42.83964	464.802489	390.77148	73.1	0.000689	0.00002	0.00002	19	0.3
42.10143	463.863624	391.1	73.2	0.000674	0.00002	0	19	0.3
41.59775	462.92476	391.1	73.2	0.000656	0.00002	0	19	0.3

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102.451306	1	0.33834
102.229969	1	0.33835
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94.478589	1	0.33866
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93.219144	1	0.33869
92.855496	1	0.33871
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41.74724	461.985895	406.852344	73.2	0.000665	0.00002	0	19	0.3
42.57177	461.648964	394.108916	73.2	0.000675	0.00002	0	19	0.3
43.80305	461.46064	391.1	73.3	0.000684	0.00002	0	19	0.3
43.30119	461.272316	391.402083	73.2	0.000691	0.00002	0	19	0.3
43.02658	461.083992	391.9	73.2	0.000688	0.00003	0	19	0.4
43.2266	460.895036	419.591632	73.2	0.000686	0.00003	0	19	0.4
43.60148	460.679193	391.9	73.1	0.000693	0.00003	0	19	0.4
43.26654	460.46335	391.9	73.2	0.000679	0.00003	0	19	0.4
42.68589	460.247507	391.9	73.2	0.000667	0.00003	0	19	0.4
42.68381	460.031664	391.9	73.2	0.000668	0.00003	0	19	0.4
42.99969	460.059081	414.126866	73.2	0.000677	0.00003	0	19	0.4
44.80229	460.466982	391.9	73.1	0.00071	0.00003	0	19	0.4
44.80288	460.874882	391.93376	73.1	0.000726	0.00003	0	19	0.4
44.64746	461.282782	392.488186	73.1	0.000717	0.00003	0	19	0.4
43.80167	461.690683	406.354858	73.1	0.000693	0.00003	0.00001	19	0.4
43.64898	462.501024	397.553886	73.1	0.000682	0.00003	0.00002	19	0.4
44.15204	463.458708	392.64728	73.1	0.000691	0.00003	0.00002	19	0.4
45.02747	464.416392	392.7	73.1	0.000715	0.00003	0.00002	19	0.4
45.57231	465.374076	392.7	73.1	0.000726	0.00003	0.00001	19	0.4
44.52487	465.737259	425.412958	73	0.000724	0.00003	0.00002	19	0.4
44.18196	464.23833	392.7	73.1	0.000703	0.00003	0.00002	19	0.4
42.86778	462.7394	393.072035	73.2	0.000674	0.00003	0.00002	19	0.4
41.21353	461.240471	392.709144	73.1	0.000651	0.00003	0.00002	19	0.4
40.36758	459.741542	395.39464	73.2	0.000631	0.00002	0.00002	19	0.4
40.03825	458.887053	408.585789	73.3	0.000621	0.00002	0	19	0.4
40.70601	458.514767	392.7	73.2	0.000634	0.00002	0	19	0.4
41.34375	458.142482	392.006866	73.3	0.000658	0.00003	0	19	0.4
42.62543	457.770196	392.7	73.2	0.000676	0.00003	0.00002	19	0.4
41.98813	457.397911	406.328838	73.2	0.000679	0.00003	0.00003	19	0.4
42.93836	457.585597	397.291304	73.1	0.000685	0.00003	0.00004	19	0.4
42.57589	457.973111	391.933898	73.1	0.000685	0.00003	0.00004	19	0.4
41.96315	458.360624	392.7	73.1	0.000682	0.00003	0.00004	19	0.4
42.44326	458.748138	392.7	73.1	0.000683	0.00003	0.00003	19	0.4
42.68175	459.082224	421.769362	73.1	0.000667	0.00003	0.00003	19	0.4
40.8587	458.889008	391.9	73.1	0.000665	0.00003	0.00002	19	0.4
41.79422	458.695792	392.218742	73.1	0.00067	0.00003	0.00002	19	0.4
41.90583	458.502576	392.071843	73.1	0.000668	0.00003	0.00002	19	0.4
42.08393	458.30936	391.9	73.2	0.000666	0.00003	0.00003	19	0.4
41.91465	458.462735	414.616667	73.1	0.000658	0.00003	0.00004	19	0.4
41.53791	459.068117	392.259582	73.1	0.000655	0.00003	0.00003	19	0.4
42.87701	459.673498	391.9	73.2	0.000662	0.00003	0.00002	19	0.4
43.38848	460.278879	391.9	73.2	0.000676	0.00003	0.00002	19	0.4
44.44458	460.88426	415.571136	73.1	0.000703	0.00003	0.00004	19	0.4
44.2934	462.506853	391.9	73.1	0.000704	0.00003	0.00002	19	0.4
47.08798	464.156599	392.091169	73.1	0.00075	0.00003	0.00002	19	0.4
49.33242	465.806345	392.7	73	0.000786	0.00003	0.00002	19	0.4
48.40002	467.456091	392.07497	73	0.000808	0.00003	0.00003	19	0.4
47.48316	468.803384	426.521694	73	0.000773	0.00003	0.00001	19	0.4
46.16168	469.223645	392.353564	73.1	0.000722	0.00003	0	19	0.4
44.98322	469.643906	391.9	73.1	0.000697	0.00003	0	19	0.4
46.15875	470.064167	392.571734	73.1	0.000731	0.00003	0	19	0.4
46.62784	470.484428	407.522696	73.1	0.000747	0.00004	0	19	0.4
46.19	470.159122	399.506306	73.1	0.000753	0.00004	0	19	0.4
46.45314	469.551014	391.784833	73.1	0.000739	0.00004	0	19	0.4
45.09918	468.942905	391.522117	73.1	0.000722	0.00003	0.00001	19	0.4
44.18191	468.334797	391.9	73.2	0.000709	0.00003	0.00002	19	0.4
44.06451	467.9	424.379896	73.2	0.000702	0.00003	0.00002	19	0.4
44.797	467.9	391.9	73.2	0.000715	0.00003	0.00002	19	0.4
45.31996	467.9	391.9	73.2	0.000724	0.00003	0.00002	19	0.4
45.65182	467.9	391.9	73.2	0.000723	0.00004	0.00002	19	0.5
45.67401	467.9	397.300821	73.1	0.000721	0.00004	0	19	0.5
44.22169	467.497312	408.789543	73.2	0.000706	0.00004	0	19	0.5
43.9802	466.744624	391.302151	73.2	0.000683	0.00003	0	19	0.4

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91.366245	1	0.33913
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93.457486	1	0.33925
93.676066	1	0.33928
93.894645	1	0.33931
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93.249093	1	0.33942
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88.349683	1	0.33949
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85	1	0.33979
85	1	0.33982
85	1	0.33985
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84.622888	1	0.33991
84.397612	1	0.33994
84.172336	1	0.33997
84.710583	1	0.34
87.734341	1	0.34003
90.758099	1	0.34006
93.781857	1	0.34009
96.805616	1	0.34012
99.739659	1	0.34015
102.615129	1	0.34018
105.490599	1	0.34021
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110.522572	1	0.34033
110.08214	1	0.34036
109.641709	1	0.34039
109.201277	1	0.34042
108.531796	1	0.34045
107.669541	1	0.34048
106.807286	1	0.34052
105.945031	1	0.34056
105.082776	1	0.3406
103.477474	1	0.34063

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10:01:51.593	156.2	80.2	1887
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10:01:59.593	156.2	73.6	1885
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10:02:01.593	156.2	73.3	1878
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10:02:27.593	177.1	75.6	1863
10:02:28.593	177.9	74.5	1863
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43.46026	464.486559	414.636447	73.3	0.000695	0.00003	0	19	0.4
44.60537	464.4	393.295182	73.2	0.000721	0.00003	0	19	0.4
44.76189	464.4	391.1	73.2	0.000716	0.00003	0	19	0.4
44.64971	464.4	391.1	73.2	0.000715	0.00003	0	19	0.4
44.48886	464.4	391.1	73.1	0.000708	0.00003	0	19	0.4
44.68145	464.275021	424.699805	73.2	0.000698	0.00003	0	19	0.4
43.8275	463.717082	391.1	73.1	0.000686	0.00003	0	19	0.5
43.19796	463.159142	390.755653	73.2	0.000676	0.00004	0	19	0.5
42.47525	462.601202	391.074227	73.2	0.000666	0.00004	0	19	0.5
42.84831	462.043262	392.980908	73.2	0.000662	0.00004	0	19	0.5
42.38626	461.573398	408.516689	73.2	0.000656	0.00004	0	19	0.5
41.45548	461.171622	391.296908	73.2	0.000658	0.00004	0	19	0.5
41.85231	460.769846	391.070795	73.2	0.000666	0.00004	0	19	0.5
42.24889	460.368069	390.622957	73.2	0.000665	0.00004	0	19	0.5
42.85141	459.966293	410.698947	73.2	0.000673	0.00004	0	19	0.5
44.6038	460.084653	391.1	73.2	0.000712	0.00004	0.00001	19	0.5
45.65292	460.305794	391.1	73.1	0.000732	0.00004	0.00005	19	0.5
44.73625	460.526935	391.1	73.1	0.000722	0.00004	0.00003	19	0.5
43.1676	460.748076	391.708511	73.1	0.000677	0.00004	0.00002	19	0.5
42.54009	460.653866	418.532851	73.1	0.000656	0.00004	0.00002	19	0.5
42.24355	459.867497	391.1	73.1	0.000649	0.00004	0.00002	19	0.5
42.63985	459.081127	391.729306	73.1	0.00066	0.00004	0.00002	19	0.5
40.785	458.294758	391.231415	72.9	0.000652	0.00004	0.00003	19	0.5
39.92262	457.508388	405.343544	73	0.00063	0.00004	0.00004	19	0.6
38.62904	456.278709	396.211029	73	0.000607	0.00004	0.00004	19	0.6
38.36841	454.889198	391.9	73.1	0.000601	0.00004	0.00005	19	0.6
38.79736	453.499686	391.9	73	0.000605	0.00004	0.00003	19	0.6
40.06378	452.110175	391.9	72.9	0.00063	0.00004	0.00004	19	0.6
40.9589	451.151715	416.857196	72.8	0.000631	0.00004	0.00006	19	0.6
40.31969	451.341149	391.367519	72.6	0.000636	0.00004	0.00006	19	0.6
40.58099	451.530583	391.458174	72.5	0.00064	0.00004	0.00006	19	0.6
39.52343	451.720017	391.1	72.5	0.000635	0.00004	0.00006	19	0.6
40.60927	451.909451	395.77476	72.4	0.000639	0.00004	0.00005	19	0.5
40.67443	451.901303	407.723995	72.4	0.000645	0.00003	0.00003	19	0.4
40.59754	451.712227	391.9	72.4	0.00064	0.00003	0.00004	19	0.4
40.13314	451.523151	391.9	72.4	0.00063	0.00003	0.00006	19	0.4
39.28888	451.334076	391.9	72.4	0.000639	0.00003	0.00006	19	0.4
40.00538	451.145	405.726316	72.3	0.000638	0.00003	0.00006	19	0.4
40.69995	451.1	398.686528	72.3	0.000641	0.00003	0.00006	19	0.4
40.54174	451.1	391.198829	72.3	0.000645	0.00003	0.00006	19	0.4
40.42952	451.1	391.319588	72.2	0.000634	0.00003	0.00004	19	0.4
39.5107	451.1	391.480312	72.2	0.000631	0.00003	0.00004	19	0.4
40.06824	451.115037	416.252877	72.3	0.00063	0.00003	0.00004	19	0.4
40.54564	451.557309	391.266134	72.2	0.000639	0.00003	0.00004	19	0.5
40.81723	451.999581	391.534938	72.2	0.000644	0.00003	0.00001	19	0.4
42.01683	452.441853	391.853388	72.2	0.000656	0.00003	0.00001	19	0.5
40.45406	452.884125	404.477047	72.2	0.00064	0.00004	0.00004	19	0.5
40.16733	453.698525	395.514859	72.2	0.000628	0.00004	0.00004	19	0.5
39.28513	454.645036	391.1	72.2	0.000622	0.00004	0.00004	19	0.5
41.55603	455.591547	391.1	72.1	0.000663	0.00004	0.00003	19	0.5
42.91515	456.538059	391.1	72	0.000696	0.00004	0	19	0.5
42.32295	457.231804	422.757179	72	0.000688	0.00004	0	19	0.5
40.74108	456.882082	391.1	72	0.000646	0.00004	0	19	0.5
40.61	456.53236	391.1	72.1	0.000628	0.00004	0	19	0.5
40.58777	456.182637	391.1	72.2	0.000632	0.00004	0	19	0.5
40.47793	455.832915	391.1	72.2	0.000638	0.00004	0	19	0.5
39.7289	455.726487	415.061226	72.2	0.000639	0.00004	0	19	0.5
40.3572	456.10519	391.1	72.2	0.000633	0.00004	0	19	0.5
42.50013	456.483894	390.536337	72.2	0.000669	0.00004	0	19	0.6
43.24127	456.862597	390.4	72.2	0.000704	0.00005	0	19	0.6
42.40558	457.241301	407.614638	72.1	0.000687	0.00005	0	19	0.6

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76.43943	1	0.34218
76.655366	1	0.34221
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77.326512	1	0.3423
77.55907	1	0.34233
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79.58377	1	0.34261
80.841896	1	0.34265
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83.358146	1	0.34273
84.616272	1	0.34277
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85	1	0.3429
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10:03:38.593	156.1	73.5	1896
10:03:39.593	156.2	64.2	1897

41.60655	457.149778	392.026042	72.1	0.000644	0.00004	0	19	0.6
39.7398	456.972	390.4	72.2	0.000619	0.00004	0	19	0.6
40.11	456.794222	390.4	72.2	0.000622	0.00004	0	19	0.6
40.2905	456.616444	389.681807	72.2	0.000644	0.00004	0	19	0.6
40.73231	456.5	414.361103	72.2	0.000642	0.00004	0	19	0.6
40.22309	456.5	390.021679	72.2	0.000637	0.00004	0	19	0.6
41.49962	456.5	389.747059	72.2	0.000638	0.00004	0	19	0.6
40.69283	456.5	389.6	72.2	0.000639	0.00004	0.00002	19	0.6
42.44288	456.5	402.625227	72.2	0.000677	0.00005	0.00002	19	0.7
42.41184	456.072912	396.84311	72.1	0.000684	0.00005	0.00002	19	0.7
42.60342	455.521831	389.6	72	0.000689	0.00005	0.00002	19	0.7
42.74965	454.97075	389.460135	72	0.00068	0.00005	0.00002	19	0.7
41.27317	454.419669	388.7	72	0.000649	0.00005	0.00002	19	0.7
39.95487	453.941234	415.99421	72.1	0.00063	0.00005	0.00002	19	0.7
40.47875	454.664638	388.7	72.2	0.000625	0.00005	0.00002	19	0.7
40.30782	455.388043	388.7	72.2	0.00063	0.00005	0.00004	19	0.7
41.13043	456.111447	389.311478	72.2	0.000639	0.00005	0.00002	19	0.7
41.52703	456.834851	388.790855	72.2	0.000663	0.00005	0.00003	19	0.7
42.33503	446.326639	414.007905	72.2	0.000702	0.00006	0.00005	19	0.7
28.20796	415.588934	388.355297	72.1	0.000304	0.00004	0.00005	19	0.7
46.68892	384.85123	388.088956	72.1	0.000199	0.00012	0.00007	19	1.5
43.24488	354.113525	388	71.6	0.000084	0.0001	0.00005	19	1.4
24.25997	323.37582	373.544947	70.7	0.000037	0.00004	0.00001	19	1
20.76664	338.964843	380.608084	69.8	0.00009	0.00003	0.00001	19	0.6
47.53746	372.480575	387.2	68.9	0.0004	0.00004	0.00006	19	0.6
73.33958	405.996306	387.717031	68.1	0.001099	0.00006	0.00014	19	0.5
68.96095	439.512038	387.288367	67.6	0.001132	0.00006	0.00014	19	0.5
52.77901	462.427368	414.974012	67.6	0.000901	0.00006	0.00005	19	0.6
39.52143	464.300106	387.554984	68.2	0.00052	0.00004	0.00001	19	0.6
36.26303	466.172845	387.2	69	0.000527	0.00004	0	19	0.6
40.4295	468.045584	387.2	69.5	0.000607	0.00004	0.00002	19	0.6
61.55503	469.918323	398.509458	69.5	0.000961	0.00006	0.00007	19	0.6
73.67887	476.460087	399.71	69.5	0.001173	0.00007	0.00028	19	0.6
71.91067	485.674061	386.522553	69.6	0.00119	0.00009	0.00025	19	0.7
68.18188	494.888035	385.7	69.8	0.001153	0.00008	0.0001	19	0.7
71.88996	504.102009	385.283158	70.3	0.001175	0.00009	0.00002	19	0.7
72.85219	512.875932	439.518649	70.9	0.001192	0.00009	0	19	0.8
71.38895	514.231864	383.989302	71.6	0.001178	0.00009	0	19	0.7
71.33637	515.587797	383.4	72.3	0.001173	0.00009	0	19	0.7
71.07753	516.943729	382.857182	73	0.001157	0.00009	0	19	0.7
70.56582	518.299661	382.6	73.7	0.001147	0.00008	0	19	0.7
71.5144	519.554462	432.644053	74.4	0.001172	0.00008	0	19	0.7
71.55871	520.609407	381.8	75.1	0.001199	0.00009	0	19	0.7
73.63158	521.664352	381.8	75.8	0.001212	0.00009	0	19	0.7
72.47764	522.719297	381.8	76.4	0.001203	0.00009	0	19	0.7
71.59942	523.774242	410.960829	77	0.001174	0.0001	0	19	0.8
67.1447	497.024647	394.388127	77.5	0.001049	0.0001	0	19	0.8
44.31976	462.704859	380.9	78.1	0.000477	0.00006	0	19	0.8
37.99488	428.385071	380.9	78.5	0.000231	0.00007	0.00001	19	1
52.30713	394.065283	380.9	78.8	0.000123	0.00013	0.00003	19	1.6
52.08308	366.410435	375.535789	78.4	0.000069	0.0001	0.00003	19	1.2
52.31699	357.92375	380.9	77.5	0.00004	0.00006	0.00002	19	0.9
33.15738	349.437064	380.9	76.5	0.00003	0.00004	0	19	0.9
25.26417	340.950379	380.852736	75.4	0.000078	0.00004	0	19	0.9
30.42748	332.463693	373.199169	74.4	0.000196	0.00004	0.00003	19	0.9
36.98641	346.305717	372.633131	73.6	0.000398	0.00005	0.00007	19	0.8
56.68253	372.762239	380.097021	73	0.000697	0.00007	0.0001	19	0.8
59.11579	399.218761	380.383968	72.6	0.000898	0.00008	0.00011	19	0.8
57.91571	425.675283	380.534602	72.3	0.000937	0.00008	0.00005	19	0.8
57.74333	451.030328	409.684145	72.4	0.000932	0.00008	0.00003	19	0.8
51.2487	449.243854	380.2	72.6	0.000795	0.00007	0.00001	19	0.8
46.61605	447.45738	380.2	72.9	0.000687	0.00006	0	19	0.8
39.86042	445.670906	379.651042	73.2	0.000556	0.00005	0	19	0.8

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85.908798	1	0.34323
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85.728605	1	0.34347
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77.214301	1	0.34387
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122.219367	0	0.3442
180.044057	0	0.34426
237.868747	0	0.34432
295.693437	0	0.34438
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260.80381	1	0.3445
241.967831	1	0.34456
223.131852	1	0.34463
228.117458	1	0.34472
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243.578055	1	0.34498
240.843501	1	0.34507
222.520586	1	0.34516
204.197672	1	0.34525
185.874757	1	0.34533
167.551843	1	0.34541
158.395604	1	0.3455
153.224305	1	0.34559
148.053006	1	0.34568
142.881707	1	0.34578
136.413457	1	0.34588
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79.751217	1	0.34601
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23.088977	1	0.34624
20.476654	1	0.3463
39.949989	1	0.34634
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78.896659	1	0.34642
98.066058	1	0.34647
101.542807	1	0.34654
105.019557	1	0.34662
108.496306	1	0.3467
111.973055	1	0.34678
111.740308	1	0.34685
106.321384	1	0.34691
100.902459	1	0.34696

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10:03:46.593	157.1	69.5	1881
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10:03:48.593	157.4	86.5	1881
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10:03:50.593	157.6	74.4	1885
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10:03:52.593	157.9	56.2	1880
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10:03:54.593		63	1863
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10:03:58.593		81	1850
10:03:59.593		83	1853
10:04:00.593		81.5	1857
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10:04:02.593	156.8	75.3	1863
10:04:03.593	156.7	70.4	1862
10:04:04.593	156.5	77.7	1863
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10:04:06.593	156.3	80.8	1862
10:04:07.593	156.1	82.7	1859
10:04:08.593	156	81.2	1863
10:04:09.593	155.9	75.9	1864
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10:04:11.593	155.6	80.7	1863
10:04:12.593	155.5	77.1	1864
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10:04:19.593	154.6	83.5	1864
10:04:20.593	154.5	81	1873
10:04:21.593		71.2	1876
10:04:22.593		72.1	1882
10:04:23.593		76.1	1879
10:04:24.593		78.2	1878
10:04:25.593		66.7	1876
10:04:26.593		71.2	1872
10:04:27.593		76.4	1869
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10:04:30.593	157.5	87.2	1873
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10:04:32.593	158.1	80.6	1895
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10:04:35.593	159.1	78.3	1910
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10:04:39.593	160.4	64.8	1902
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10:04:41.593	161.1	70.6	1894
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36.29346	443.884432	379.4	73.4	0.0005	0.00005	0.00001	19	0.8
36.38192	442.7	403.133663	73.5	0.000542	0.00005	0.00003	19	0.8
38.30468	442.7	378.288641	73.4	0.000585	0.00005	0.00007	19	0.8
38.66606	442.7	377.319178	73.3	0.000586	0.00005	0.00008	19	0.8
39.36389	442.7	376.4	73.2	0.000598	0.00005	0.00008	19	0.8
42.77	442.7	385.625352	73	0.000646	0.00006	0.00008	19	0.8
39.43969	445.483974	381.578264	72.9	0.000632	0.00006	0.00006	19	0.8
39.81198	449.421703	373.964479	72.7	0.000618	0.00005	0.00006	19	0.8
45.80273	453.359432	373.2	72.7	0.000722	0.00006	0.00007	19	0.8
54.00029	457.297161	372.489481	72.7	0.000857	0.00007	0.00008	19	0.8
42.64821	457.05696	404.851488	72.7	0.000714	0.00006	0.00006	19	0.8
40.1515	448.670413	369.753248	72.8	0.000605	0.00006	0.00003	19	0.8
34.03892	440.283865	369.3	73	0.000476	0.00005	0.00002	19	0.8
25.82512	431.897318	368.482151	73.1	0.000417	0.00004	0.00004	19	0.8
33.55772	423.510771	375.17864	73	0.000468	0.00005	0.00009	19	0.8
39.47461	423.756562	377.087776	72.8	0.00055	0.00005	0.00017	19	0.8
37.6644	428.837003	366.320213	72.4	0.000561	0.00006	0.00016	19	0.9
37.25388	433.917443	366.027401	72	0.000577	0.00006	0.00011	19	0.9
40.34134	438.997883	365.4	71.8	0.000647	0.00006	0.00008	19	0.9
47.67833	444.078323	391.282381	71.7	0.000756	0.00007	0.00009	19	0.9
50.67045	446.524853	364.665768	71.6	0.000847	0.00007	0.00009	19	0.8
50.8065	448.732981	365.4	71.6	0.000835	0.00006	0.00005	19	0.7
51.57358	450.941109	365.4	71.7	0.000802	0.00007	0.00003	19	0.8
41.83849	453.149237	374.517908	71.8	0.000672	0.00006	0.00002	19	0.8
40.87076	455.459378	380.775263	71.9	0.000627	0.00006	0.00002	19	0.8
42.16609	457.822073	366.007765	72	0.000646	0.00006	0.00002	19	0.8
43.47018	460.184767	366.236154	72	0.000678	0.00006	0.00002	19	0.8
45.75087	462.547461	366.676727	72	0.000732	0.00006	0.00002	19	0.8
46.69798	464.910155	393.773886	72	0.000768	0.00006	0.00002	19	0.8
45.19075	464.303976	369.2505	72	0.00073	0.00006	0.00002	19	0.8
43.40309	463.111133	368.6	72	0.000671	0.00006	0.00002	19	0.8
44.33362	461.91829	369.100937	72.1	0.000672	0.00007	0.00002	19	0.9
42.94203	460.725447	369.3	72.2	0.000676	0.00006	0.00002	19	0.9
41.02081	459.440795	405.693218	72.2	0.000646	0.00007	0.00002	19	1
39.65051	457.94987	369.80967	72.2	0.000613	0.00007	0.00003	19	1
39.3115	456.458946	371.442931	72.2	0.000602	0.00006	0.00004	19	1
40.34095	454.968021	371.6	72.1	0.000625	0.00007	0.00004	19	1
40.65742	453.477096	385.968293	72	0.000642	0.00007	0.00004	19	1
42.54003	453.765037	385.673684	71.9	0.000662	0.00007	0.00006	19	1
48.2968	454.890091	373.918487	71.9	0.000776	0.00008	0.00007	19	1
51.98756	456.015145	374.141667	72	0.000873	0.00009	0.00008	19	1
46.65314	457.140199	374.8	72	0.000749	0.00008	0.00004	19	1
41.44475	458.010257	411.101102	72.2	0.000646	0.00007	0.00002	19	1
40.14588	454.738835	375.6	72.5	0.000599	0.00007	0.00002	19	1
39.39371	451.467412	375.6	72.7	0.00059	0.00006	0	19	1
36.00609	448.19599	376.587516	72.7	0.000541	0.00006	0	19	1
35.3476	444.924567	377.1	72.7	0.000523	0.00006	0.00002	19	1
39.47669	445.064286	403.163158	72.7	0.000592	0.00006	0.00007	19	1
41.89917	452.452679	377.1	72.6	0.000654	0.00007	0.00009	19	1
45.31571	459.841071	377.73623	72.4	0.000715	0.00007	0.0001	19	1
55.53408	467.229464	377.9	72.3	0.000863	0.00009	0.00008	19	1
64.0223	474.617857	405.822115	72.3	0.000977	0.0001	0.00007	19	1
60.6076	475.492241	380.708286	72.4	0.00097	0.0001	0.00001	19	1
54.77102	475.125862	379.674704	72.5	0.000873	0.00009	0	19	1
48.21576	474.759483	380.9	72.9	0.000763	0.00009	0	19	1.1
46.90189	474.393103	380.9	73.3	0.000714	0.00008	0	19	1.1
44.60089	472.610685	425.015594	73.6	0.000682	0.00009	0	19	1.2
40.15878	465.164111	381.435919	73.8	0.0006	0.00008	0	19	1.2
37.09168	457.717537	380.9	74	0.000537	0.00007	0	19	1.2
34.2185	450.270963	381.752016	74	0.000493	0.00007	0	19	1.2
34.10894	442.824389	387.490113	74	0.000494	0.00007	0.00001	19	1.2
36.8118	438.437831	391.794393	73.9	0.000541	0.00007	0.00006	19	1.2
39.93435	435.620631	381.091286	73.7	0.000581	0.00008	0.00009	19	1.2

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93.118774	1	0.34915
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10:04:54.593		74.9	1950
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10:04:56.593		70.2	1982
10:04:57.593	170.7	2.8	1972
10:04:58.593	171.5	23.4	1951
10:04:59.593	172.4	47.8	1934
10:05:00.593	173.2	56.5	1922
10:05:01.593	174	60	1912
10:05:02.593	174.9	72.3	1904
10:05:03.593	175.7	73.4	1903
10:05:04.593	176.6	74.1	1899
10:05:05.593	177.4	75.9	1897
10:05:06.593	178.2	75.8	1894
10:05:07.593	179.1	76.3	1893
10:05:08.593	179.9	76.6	1889
10:05:09.593	180.7	75.8	1888
10:05:10.593	181.6	69.1	1890
10:05:11.593	182.4	63.8	1886
10:05:12.593	183.2	64.7	1880
10:05:13.593	184.1	65.5	1872
10:05:14.593	184.9	65.6	1865
10:05:15.593	185.7	68.6	1854
10:05:16.593	186.6	76.9	1849
10:05:17.593		77.2	1850
10:05:18.593		82.4	1847
10:05:19.593		87.4	1850
10:05:20.593		85.9	1857
10:05:21.593		77.5	1863
10:05:22.593		80.1	1877
10:05:23.593		79.4	1889
10:05:24.593		80.8	1899
10:05:25.593	189.6	81.6	1910
10:05:26.593	189.9	82.1	1925
10:05:27.593	190.2	80.5	1936
10:05:28.593	190.5	76.5	1939
10:05:29.593	190.8	47.8	1946
10:05:30.593	191.2	70	1947
10:05:31.593	191.5	75.6	1941
10:05:32.593	191.8	78.1	1940
10:05:33.593	192.1	78.9	1938
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10:05:36.593	193.1	79.2	1928
10:05:37.593	193.4	77.9	1925
10:05:38.593	193.7	77.3	1920
10:05:39.593	194	77.6	1916
10:05:40.593	194.3	79.8	1911
10:05:41.593	194.6	84.5	1908
10:05:42.593	195	85.2	1909
10:05:43.593	195.3	84.1	1912
10:05:44.593	195.6	79.3	1917
10:05:45.593		76	1923

37.90988	432.803431	381.8	73.4	0.00055	0.00007	0.00009	19	1.2
35.58138	429.986232	381.8	73.3	0.000524	0.00007	0.00009	19	1.2
36.78331	427.169032	397.516273	73.2	0.000519	0.00007	0.0001	19	1.1
35.86479	428.620017	381.8	73	0.000498	0.00006	0.00011	19	1.1
34.29284	430.343439	381.8	72.8	0.000496	0.00006	0.00011	19	1.1
35.978	432.06686	381.8	72.6	0.000533	0.00007	0.00013	19	1.1
40.50604	433.790282	381.8	72.4	0.000652	0.00008	0.00015	19	1.1
59.27233	437.417855	407.051708	72.3	0.000912	0.0001	0.00018	19	1.1
70.24354	454.497329	382.6	72.2	0.001325	0.00014	0.00018	19	1.1
92.98741	471.576804	383.013374	72.3	0.001486	0.00018	0.00014	19	1.2
93.77849	488.656278	383.4	72.4	0.001475	0.00023	0.00003	19	1.5
92.31959	505.735753	384.070896	72.9	0.001417	0.00029	0	19	1.9
86.94073	502.540407	423.050644	73.6	0.001316	0.00028	0	19	2
64.9722	477.468489	384.615173	74.6	0.001132	0.00025	0	19	1.8
33.20207	452.39657	384.164921	75.6	0.000377	0.00013	0	19	1.9
27.71319	427.324651	383.646837	76.4	0.000183	0.0001	0.00001	19	1.9
32.39154	402.252733	390.055146	76.7	0.000182	0.0001	0.00004	19	1.9
32.04939	406.534681	382.612172	75.7	0.000275	0.0001	0.00005	19	1.8
31.9291	411.976138	382.6	75	0.000363	0.0001	0.00007	19	1.8
37.15835	417.417595	382.291429	74.5	0.000479	0.00011	0.00009	19	1.7
40.199	422.859051	382.409626	73.9	0.00056	0.00011	0.0001	19	1.6
39.83316	428.164332	402.074566	73.8	0.000594	0.00011	0.00008	19	1.6
40.31245	433.036016	381.8	73.7	0.000621	0.00011	0.00006	19	1.6
40.10689	437.907699	381.8	73.5	0.000616	0.0001	0.00004	19	1.5
40.00842	442.779382	381.8	73.4	0.000619	0.0001	0.00004	19	1.5
40.62113	447.651066	391.282778	73.4	0.000622	0.0001	0.00004	19	1.5
40.06353	446.453501	393.708115	73.3	0.000618	0.0001	0.00004	19	1.5
38.20631	441.856778	380.9	73.2	0.000579	0.00009	0.00006	19	1.4
34.61074	437.260055	380.2	73.2	0.000504	0.00008	0.00005	19	1.4
32.98477	432.663333	380.2	73.2	0.000473	0.00008	0.00007	19	1.4
33.69815	428.06661	396.592857	73.1	0.000476	0.00007	0.00009	19	1.2
34.32717	428.780229	379.388829	72.8	0.000489	0.00006	0.00014	19	1.1
35.11778	429.820812	378.6	72.6	0.000507	0.00007	0.00014	19	1.1
38.71179	430.861394	378.6	72.4	0.000572	0.00007	0.00015	19	1.1
40.68454	431.901977	378.149406	71.9	0.000628	0.00007	0.00013	19	1.1
41.06106	434.388365	404.661838	71.7	0.000655	0.00008	0.00009	19	1.1
50.80237	445.982269	377.9	71.6	0.000799	0.00009	0.00008	19	1.1
59.20422	457.576174	377.9	71.5	0.000942	0.00011	0.00007	19	1.2
67.09662	469.170078	377.9	71.5	0.001076	0.00012	0.00001	19	1.2
66.24474	480.763983	377.301688	71.7	0.001101	0.00015	0	19	1.3
61.97159	490.049702	424.458213	71.9	0.001053	0.00013	0	19	1.3
60.27988	493.429423	377.1	72.2	0.000986	0.00013	0	19	1.3
60.27077	496.809145	377.636072	72.8	0.001003	0.00013	0	19	1.3
61.092	500.188867	377.9	73.2	0.001011	0.00013	0	19	1.3
61.22386	503.568588	405.204645	73.7	0.001017	0.00013	0	19	1.3
58.45269	499.527423	392.801832	74.1	0.000992	0.00013	0	19	1.3
45.11857	493.06512	377.9	74.8	0.000722	0.00011	0	19	1.3
34.62468	486.602817	378.426364	75.3	0.000547	0.00009	0	19	1.3
41.18792	480.140514	377.9	75.5	0.000592	0.00009	0.00002	19	1.4
41.67074	473.67821	409.496107	75.4	0.000647	0.0001	0.00002	19	1.4
43.62744	473.895046	377.9	75.3	0.000685	0.0001	0.00002	19	1.3
43.49807	474.645636	377.9	75.2	0.000668	0.0001	0.00002	19	1.3
43.56086	475.396226	378.365948	75	0.00067	0.0001	0.00002	19	1.4
44.88213	476.146815	378.029657	75	0.000702	0.0001	0.00002	19	1.4
44.82268	476.947542	421.815915	74.9	0.000711	0.0001	0.00002	19	1.4
44.32259	477.888768	378.12732	74.8	0.000709	0.0001	0.00002	19	1.4
44.45613	478.829994	378.6	74.7	0.000702	0.0001	0.00002	19	1.4
46.03374	479.771219	378.6	74.4	0.000713	0.00011	0.00002	19	1.4
49.33419	480.712445	383.018843	74.2	0.000759	0.00011	0.00002	19	1.4
52.60169	484.117031	409.418284	74.1	0.000849	0.00012	0.00003	19	1.4
59.03564	490.168963	379.037672	73.9	0.000982	0.00014	0.00003	19	1.4
65.72244	496.220896	379.4	73.8	0.001091	0.00016	0.00002	19	1.4
68.21937	502.272828	380.298089	73.9	0.001173	0.00017	0	19	1.4

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67.626825	1	0.35147
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111.769231	1	0.35416
106	1	0.35426
100.230769	1	0.35436
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87.943512	1	0.35455
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74.777235	1	0.35471
68.194096	1	0.35478
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64.770468	1	0.35491
66.232456	1	0.35498
67.694444	1	0.35505
69.156433	1	0.35513
77.828501	1	0.35522
96.335595	1	0.35533
114.84269	1	0.35545
133.349784	1	0.3556
151.856878	1	0.35573
155.314839	1	0.35586
146.948481	1	0.35599
138.582122	1	0.35612
130.215764	1	0.35625
122.053086	1	0.35638
125.002317	1	0.35649
127.951548	1	0.35658
130.900779	1	0.35667
133.850011	1	0.35677
134.2877	1	0.35687
127.96925	1	0.35697
121.6508	1	0.35707
115.33235	1	0.35717
109.013901	1	0.35727
105.781902	1	0.35737
105.364887	1	0.35747
104.947873	1	0.35758
104.530859	1	0.35769
104.113845	1	0.35781
110.845855	1	0.35795
120.262436	1	0.35811
129.679017	1	0.35828

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10:05:47.593		75.3	1935
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10:05:57.593	193.4	79.6	1984
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10:05:59.593	193	33.3	1985
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10:06:02.593	192.4	73.6	1974
10:06:03.593	192.2	76.9	1969
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10:06:05.593	191.8	77.4	1963
10:06:06.593	191.7	77.3	1959
10:06:07.593	191.5	78.2	1958
10:06:08.593	191.3	78.8	1959
10:06:09.593	191.1	76.6	1955
10:06:10.593	190.9	65	1952
10:06:11.593	190.7	52.3	1943
10:06:12.593	190.5	74.1	1935
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10:06:16.593		74.1	1904
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10:06:18.593		81.1	1895
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10:06:20.593		82.5	1898
10:06:21.593	190.4	80.2	1902
10:06:22.593	190.4	76.2	1908
10:06:23.593	190.4	73	1912
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10:06:25.593	190.4	76.2	1918
10:06:26.593	190.4	75.3	1919
10:06:27.593	190.4	78.4	1919
10:06:28.593	190.4	65.3	1918
10:06:29.593	190.4	42.4	1912
10:06:30.593	190.4	34.7	1894
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10:06:32.593	190.4	74.1	1877
10:06:33.593	190.4	75.4	1873
10:06:34.593	190.4	78.4	1872
10:06:35.593	190.4	78.9	1879
10:06:36.593	190.4	78.3	1877
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10:06:45.593		79.5	1849
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10:06:47.593		85.1	1856
10:06:48.593		80.4	1864

64.04848	508.32476	396.968359	74	0.001073	0.00015	0	19	1.3
55.44954	511.059438	411.152824	74.2	0.000933	0.00013	0	19	1.3
58.57971	511.49842	381.8	74.5	0.000925	0.00014	0	19	1.4
62.32592	511.937401	382.640597	74.8	0.001001	0.00015	0	19	1.4
60.71632	512.376383	383.4	74.9	0.000987	0.00014	0	19	1.4
58.31496	512.75767	437.333311	75	0.000972	0.00014	0	19	1.4
56.89273	511.54825	384.265161	75.2	0.000938	0.00014	0	19	1.4
55.73423	510.338829	384.9	75.5	0.000864	0.00013	0	19	1.4
54.89257	509.129408	385.515065	75.6	0.000864	0.00013	0	19	1.4
55.23407	507.919987	386.31278	75.8	0.000891	0.00013	0	19	1.4
66.70997	504.37378	431.753939	76	0.00112	0.00016	0	19	1.4
76.20506	495.907257	386.828936	76.2	0.001164	0.00017	0	19	1.4
63.23541	487.440734	387.871429	76.3	0.000913	0.00016	0	19	1.5
31.85458	478.974212	388.617387	76.5	0.000514	0.00011	0.00001	19	1.5
49.35351	470.507689	398.410301	76.9	0.000533	0.00012	0.00002	19	1.5
47.07172	468.979824	397.318824	77	0.00061	0.00011	0.00002	19	1.5
42.47532	470.540264	388.7	76.8	0.000594	0.00012	0.00002	19	1.7
41.3	472.100703	388.963855	76.5	0.000614	0.00012	0.00002	19	1.7
42.76964	473.661143	389.6	76.4	0.000655	0.00012	0.00004	19	1.7
43.25717	475.192353	431.306977	76.4	0.000684	0.00013	0.00004	19	1.7
43.80557	476.546952	389.6	76.3	0.000689	0.00013	0.00004	19	1.7
44.46655	477.901551	389.88368	76.2	0.000698	0.00011	0.00005	19	1.5
46.75263	479.25615	390.4	76.1	0.000739	0.00012	0.00005	19	1.5
47.69406	480.610749	392.717065	75.9	0.000756	0.00011	0.00003	19	1.4
44.12758	477.644397	412.104319	75.8	0.000647	0.0001	0.00002	19	1.4
31.80426	471.351293	391.1	75.7	0.000541	0.00009	0.00003	19	1.4
43.15123	465.05819	390.424633	75.7	0.000567	0.00009	0.00005	19	1.3
40.43093	458.765086	391.1	75.5	0.000566	0.00008	0.00006	19	1.3
29.95645	452.471983	411.678846	75.2	0.000468	0.00007	0.00005	19	1.3
33.70768	454.212919	390.642727	74.9	0.000473	0.00008	0.00006	19	1.4
39.65746	456.605263	391.1	74.7	0.000553	0.00009	0.00008	19	1.4
39.83083	458.997608	391.1	74.3	0.000593	0.00009	0.00009	19	1.4
44.43135	461.389952	391.1	73.9	0.000682	0.0001	0.00008	19	1.4
50.83532	464.008038	425.390535	73.6	0.000813	0.00011	0.00007	19	1.3
54.83674	468.313446	391.9	73.4	0.000922	0.00012	0.00008	19	1.3
58.75373	472.618855	392.207692	73.4	0.000959	0.00012	0.00005	19	1.3
57.50821	476.924263	392.7	73.4	0.000954	0.00013	0.00003	19	1.3
53.11572	481.229671	393.303905	73.5	0.000849	0.00012	0.00001	19	1.3
48.77229	483.239901	422.704776	73.7	0.00077	0.00011	0	19	1.3
47.58061	481.850078	393.4	74	0.000721	0.0001	0	19	1.3
42.77371	480.460256	394.141743	74.1	0.000673	0.0001	0	19	1.4
42.92989	479.070433	393.693725	74.2	0.000665	0.0001	0	19	1.4
43.55183	477.68061	423.840811	74.3	0.000647	0.00009	0.00001	19	1.4
35.4366	468.176007	394.2	74.3	0.0005	0.00008	0.00002	19	1.4
32.98774	458.171768	394.2	74.3	0.000341	0.00007	0.00004	19	1.4
40.08684	448.167529	394.2	74.2	0.000356	0.00009	0.00008	19	1.5
42.64826	438.16329	394.2	73.8	0.000523	0.00011	0.00009	19	1.6
43.33348	431.997174	410.550952	73.2	0.000593	0.0001	0.00007	19	1.4
43.60425	439.127417	394.2	72.8	0.000638	0.0001	0.00007	19	1.4
44.42036	446.25766	394.712791	72.6	0.000696	0.00011	0.00005	19	1.4
44.33637	453.387903	395	72.5	0.000712	0.00011	0.00003	19	1.4
44.83418	460.518146	404.607426	72.6	0.000704	0.00011	0.00002	19	1.4
38.53161	459.668108	406.268661	72.6	0.000592	0.00009	0.00002	19	1.4
33.45534	455.299388	394.300588	72.6	0.000485	0.00008	0.00001	19	1.4
34.92999	450.930668	395	72.6	0.0005	0.00008	0.00004	19	1.4
36.72622	446.561948	395	72.5	0.000537	0.00008	0.00006	19	1.4
36.77366	443.183967	416.595884	72.3	0.000557	0.00008	0.00007	19	1.3
37.95309	447.356094	394.447887	72.1	0.000578	0.00008	0.00008	19	1.3
38.47647	451.528222	394.57635	71.9	0.000597	0.00008	0.00008	19	1.3
40.58179	455.700349	394.2	71.7	0.000627	0.00008	0.00008	19	1.3
46.98101	459.872477	399.322598	71.6	0.0008	0.0001	0.00008	19	1.3
55.68207	464.617172	409.098351	71.6	0.000907	0.00011	0.00008	19	1.3
57.00082	469.853551	394.2	71.6	0.000943	0.00012	0.00002	19	1.3

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132.624573	1	0.3594
130.918089	1	0.35953
129.211604	1	0.35966
127.505119	1	0.35982
138.198624	1	0.35999
154.105761	1	0.36015
170.012898	1	0.36026
185.920034	1	0.36038
199.865414	1	0.36049
178.046446	1	0.36061
156.227479	1	0.36073
134.408512	1	0.36085
112.589544	1	0.36098
99.538613	1	0.36111
98.447862	1	0.36122
97.357112	1	0.36134
96.266361	1	0.36145
95.175611	1	0.36155
94.638829	1	0.36164
94.208351	1	0.36173
93.777873	1	0.36181
93.347396	1	0.36188
93.04089	1	0.36196
93.252754	1	0.36205
93.464619	1	0.36214
93.676483	1	0.36224
93.888347	1	0.36235
99.825865	1	0.36247
112.142705	1	0.36259
124.459546	1	0.36272
136.776386	1	0.36284
149.093226	1	0.36295
145.951177	1	0.36305
138.033868	1	0.36315
130.11656	1	0.36325
122.199252	1	0.36334
116	1	0.36342
116	1	0.36349
116	1	0.36358
116	1	0.36369
116	1	0.36379
115.371903	1	0.36389
114.294549	1	0.364
113.217195	1	0.36411
112.139841	1	0.36422
111.062487	1	0.36431
104.05496	1	0.36439
96.682306	1	0.36447
89.309651	1	0.36455
81.936997	1	0.36463
79.02193	1	0.36471
81.214912	1	0.36479
83.407895	1	0.36487
85.600877	1	0.36497
87.79386	1	0.36508
97.040764	1	0.3652

10:06:49.593	191.5	80	1872
10:06:50.593	191.6	78.6	1880
10:06:51.593	191.8	79.3	1888
10:06:52.593	191.9	81.2	1892
10:06:53.593	192	81.2	1897
10:06:54.593	192.2	79.8	1903
10:06:55.593	192.3	74.3	1907
10:06:56.593	192.4	72.1	1906
10:06:57.593	192.6	74.5	1907
10:06:58.593	192.7	80	1902
10:06:59.593	192.8	77	1898
10:07:00.593	192.9	78.2	1897
10:07:01.593	193.1	76.5	1895
10:07:02.593	193.2	75.8	1892
10:07:03.593	193.3	74.7	1888
10:07:04.593	193.5	76.3	1887
10:07:05.593	193.6	76.7	1886
10:07:06.593	193.7	76.5	1885
10:07:07.593	193.8	76.9	1884
10:07:08.593	194	75.7	1882
10:07:09.593		76.4	1880
10:07:10.593		76.2	1880
10:07:11.593		77.5	1877
10:07:12.593		77	1881
10:07:13.593		77.1	1878
10:07:14.593		76.5	1878
10:07:15.593		76.6	1876
10:07:16.593	194	77.3	1874
10:07:17.593	194	77	1876
10:07:18.593	194	76.2	1875
10:07:19.593	194	75.8	1874
10:07:20.593	194	76.4	1869
10:07:21.593	194	76.2	1865
10:07:22.593	194	76.1	1861
10:07:23.593	194	76.8	1856
10:07:24.593	194	77.9	1854
10:07:25.593	194	76.7	1848
10:07:26.593	194	76	1848
10:07:27.593	194	77.2	1846
10:07:28.593	194	77	1846
10:07:29.593	194	76.2	1849
10:07:30.593	194	76.1	1849
10:07:31.593	194	82.8	1849
10:07:32.593	194	87.6	1853
10:07:33.593	194	85.2	1864
10:07:34.593	194	81.3	1878
10:07:35.593	194	79.5	1889
10:07:36.593		78.9	1900
10:07:37.593		81.1	1906
10:07:38.593		82.8	1914
10:07:39.593		81.3	1920
10:07:40.593		77.1	1923
10:07:41.593		77.1	1927
10:07:42.593		78.8	1932
10:07:43.593	193.5	77.2	1935
10:07:44.593	193.4	71.1	1933
10:07:45.593	193.4	78.4	1932
10:07:46.593	193.3	80.2	1929
10:07:47.593	193.2	80	1928
10:07:48.593	193.2	78.4	1925
10:07:49.593	193.1	76	1922
10:07:50.593	193	75.8	1919
10:07:51.593	193	78	1920

56.01745	475.08993	394.2	71.7	0.000932	0.00012	0	19	1.3
56.35888	480.326309	394.2	72.1	0.000918	0.00012	0	19	1.3
55.29158	485.562688	419.435346	72.4	0.000883	0.00012	0	19	1.3
54.80026	486.324835	394.54389	72.5	0.000874	0.00011	0	19	1.3
55.57736	486.111479	394.121429	72.8	0.000886	0.00012	0	19	1.3
55.88829	485.898122	393.804103	73.1	0.000897	0.00012	0	19	1.3
55.028	485.684766	393.666087	73.3	0.000888	0.00012	0	19	1.3
44.35701	485.196702	437.787083	73.5	0.000697	0.0001	0	19	1.3
41.24726	482.933283	393.180831	73.7	0.000623	0.00009	0	19	1.3
40.32364	480.669864	392.282966	73.9	0.00062	0.00009	0	19	1.3
42.175	478.406445	391.9	73.9	0.000645	0.00009	0.00002	19	1.3
42.04074	476.143027	391.9	73.7	0.000662	0.00009	0.00002	19	1.3
41.14535	474.245977	415.545063	73.5	0.000655	0.00009	0.00003	19	1.3
40.55364	472.722699	391.612	73.5	0.000637	0.00009	0.00004	19	1.3
40.33551	471.199421	391.169474	73.4	0.000632	0.00009	0.00004	19	1.3
39.89367	469.676142	390.4	73.3	0.00063	0.00009	0.00004	19	1.3
40.66515	468.152864	411.653463	73.2	0.000637	0.00008	0.00004	19	1.2
40.38325	467.255202	390.395749	73.1	0.000645	0.00008	0.00004	19	1.2
41.27021	466.482063	389.6	73	0.000647	0.00008	0.00004	19	1.2
40.63959	465.708924	390.010923	73	0.000647	0.00008	0.00004	19	1.2
41.1364	464.935785	389.811516	73	0.000645	0.00008	0.00004	19	1.2
40.63754	464.462625	419.498413	72.9	0.000647	0.00008	0.00004	19	1.2
41.04549	464.666614	389.6	72.8	0.000654	0.00008	0.00004	19	1.2
41.738	464.870603	388.70601	72.7	0.000656	0.00008	0.00004	19	1.2
41.92736	465.074592	389.361765	72.7	0.000658	0.00008	0.00004	19	1.1
41.51826	465.278581	411.141406	72.7	0.000656	0.00008	0.00004	19	1.1
41.35568	465.128544	389.556004	72.7	0.000656	0.00008	0.00004	19	1.1
41.54235	464.936973	388.822251	72.7	0.000656	0.00008	0.00004	19	1.1
41.64497	464.745402	389.6	72.6	0.000658	0.00008	0.00004	19	1.1
41.43239	464.553831	389.6	72.6	0.000657	0.00008	0.00004	19	1.1
40.75227	464.323135	424.648162	72.5	0.000644	0.00007	0.00004	19	1.1
39.98941	463.932958	389.6	72.5	0.000643	0.00007	0.00004	19	1.1
40.69141	463.542782	389.6	72.4	0.000639	0.00007	0.00004	19	1.1
40.59262	463.152605	389.6	72.4	0.000636	0.00007	0.00001	19	1.1
39.9195	462.762428	407.818942	72.2	0.000634	0.00007	0	19	1.1
40.2381	462.536328	390.663643	71.9	0.000636	0.00007	0	19	1.1
39.49274	462.341481	390.469792	71.9	0.000634	0.00007	0.00003	19	1.1
39.853	462.146633	391.1	71.8	0.000634	0.00007	0.00004	19	1.1
40.40605	461.951786	390.559316	71.7	0.000638	0.00007	0.00004	19	1.1
39.57273	462.450435	423.048625	71.6	0.000639	0.00007	0.00004	19	1.1
39.96132	465.393579	391.606275	71.5	0.000641	0.00007	0.00002	19	1.1
40.57927	468.336722	391.158312	71.5	0.000638	0.00007	0.00002	19	1.1
42.8047	471.279866	391.9	71.6	0.00066	0.00007	0.00002	19	1.1
54.68023	474.22301	409.087847	71.6	0.000902	0.0001	0.00005	19	1.1
60.73567	478.559212	399.156085	71.6	0.000998	0.00011	0.00008	19	1.1
60.76973	483.395098	392.7	71.8	0.001018	0.00011	0.00008	19	1.1
60.16238	488.230985	393.881669	72	0.000984	0.00011	0.00003	19	1.1
57.33607	493.066871	393.907234	72.3	0.000943	0.00011	0	19	1.1
55.17935	497.162296	445.12027	72.8	0.000885	0.0001	0	19	1.1
56.18257	497.537572	394.421583	73.5	0.0009	0.00011	0	19	1.2
57.84036	497.912848	395	73.8	0.000931	0.00011	0	19	1.2
56.9726	498.288124	395	73.9	0.000938	0.00011	0	19	1.2
57.4225	498.6634	410.119919	74.2	0.000917	0.00011	0	19	1.2
56.41256	496.932303	410.493676	74.3	0.000892	0.00011	0	19	1.2
55.36885	493.995672	395.593511	74.5	0.000855	0.00011	0	19	1.2
45.47758	491.059042	395.51284	74.7	0.000707	0.0001	0	19	1.2
43.19843	488.122411	395.383919	74.9	0.000643	0.00008	0	19	1.2
43.85542	485.435884	435.857746	74.9	0.000678	0.00008	0	19	1.2
45.91508	484.836667	394.75516	74.8	0.000722	0.00008	0.00001	19	1.1
47.21425	484.237451	394.627284	74.7	0.000748	0.00009	0.00002	19	1.1
46.2471	483.638235	394.2	74.7	0.000732	0.00008	0.00002	19	1.1
45.57255	483.039018	410.866116	74.6	0.000725	0.00008	0.00002	19	1.1
45.9115	482.75013	403.68292	74.5	0.000722	0.00008	0.00002	19	1.1

107.019533	1	0.36532
116.998301	1	0.36544
126.97707	1	0.36556
134.833262	1	0.36567
133.982561	1	0.36579
133.131859	1	0.36591
132.281157	1	0.36603
131.430455	1	0.36613
128.702326	1	0.36622
124.051163	1	0.36631
119.4	1	0.3664
114.748837	1	0.36649
110.097674	1	0.36658
106.151754	1	0.36667
102.423684	1	0.36676
98.695614	1	0.36685
94.967544	1	0.36693
91.865169	1	0.36701
91.20423	1	0.36709
90.543291	1	0.36717
89.882353	1	0.36725
89.221414	1	0.36733
89.150828	1	0.36741
89.377637	1	0.36749
89.604445	1	0.36757
89.831254	1	0.36765
90.054573	1	0.36773
90.267747	1	0.36781
90.480921	1	0.36789
90.694095	1	0.36797
90.907269	1	0.36804
91	1	0.36811
91	1	0.36818
91	1	0.36825
91	1	0.36832
90.956666	1	0.36839
90.735574	1	0.36846
90.514482	1	0.36853
90.293389	1	0.3686
90.072297	1	0.36867
91.180184	1	0.36874
92.933801	1	0.36881
94.687418	1	0.36888
96.441035	1	0.36898
98.879255	1	0.36909
106.800471	1	0.3692
114.721687	1	0.36931
122.642903	1	0.36942
130.564119	1	0.36952
134.504839	1	0.36963
133.379473	1	0.36974
132.254108	1	0.36985
131.128742	1	0.36996
130.003376	1	0.37007
130	1	0.37018
130	1	0.37028
130	1	0.37036
130	1	0.37044
128.424441	1	0.37052
125.036142	1	0.37061
121.647843	1	0.37069
118.259544	1	0.37077
115.024788	1	0.37085

10:07:52.593	192.9	78.7	1920
10:07:53.593	192.8	78.4	1916
10:07:54.593	192.8	76.2	1914
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10:07:56.593	192.6	78	1906
10:07:57.593	192.6	78	1905
10:07:58.593	192.5	77.3	1904
10:07:59.593	192.4	77.3	1900
10:08:00.593	192.4	77.6	1900
10:08:01.593	192.3	77.4	1897
10:08:02.593	192.2	77.3	1893
10:08:03.593		76.9	1891
10:08:04.593		73.9	1887
10:08:05.593		66.2	1882
10:08:06.593		73.3	1876
10:08:07.593		74.2	1871
10:08:08.593		72.4	1869
10:08:09.593		68.1	1866
10:08:10.593	191.2	64	1860
10:08:11.593	191.1	64.1	1853
10:08:12.593	191	59.9	1846
10:08:13.593	190.8	50.9	1840
10:08:14.593	190.7	20	1825
10:08:15.593	190.6	1.5	1806
10:08:16.593	190.5	0	1780
10:08:17.593	190.3	0	1757
10:08:18.593	190.2	0	1732
10:08:19.593	190.1	0	1708
10:08:20.593	189.9	0	1684
10:08:21.593	189.8	0	1662
10:08:22.593	189.7	20	1646
10:08:23.593	189.5	91.2	1859
10:08:24.593	189.4	98.9	2161
10:08:25.593	189.3	99.6	2548
10:08:26.593	189.1	99.6	2650
10:08:27.593	189	93.6	2764
10:08:28.593	188.9	78.9	2751
10:08:29.593	188.7	66.6	2298
10:08:30.593	188.6	87.9	2025
10:08:31.593		82.8	1998
10:08:32.593		78.5	2006
10:08:33.593		77.9	2011
10:08:34.593		78.9	2020
10:08:35.593		78.3	2021
10:08:36.593		53.9	2025
10:08:37.593		17.2	2017
10:08:38.593	189.6	31.7	1990
10:08:39.593	189.8	45.5	1971
10:08:40.593	189.9	68.3	1955
10:08:41.593	190	66.1	1945
10:08:42.593	190.2	59.6	1937
10:08:43.593	190.3	64.8	1927
10:08:44.593	190.4	47.8	1914
10:08:45.593	190.5	47.1	1903
10:08:46.593	190.7	47.4	1884
10:08:47.593	190.8	47.1	1871
10:08:48.593	190.9	46.4	1856
10:08:49.593	191.1	46.7	1842
10:08:50.593	191.2	47.1	1828
10:08:51.593	191.3	41.2	1813
10:08:52.593	191.5	4.7	1792
10:08:53.593	191.6	0	1768
10:08:54.593	191.7	0	1746

47.27996	482.554987	394.998091	74.4	0.000744	0.00009	0.00002	19	1.1
46.83563	482.359844	394.2	74.2	0.000741	0.00009	0.00002	19	1.1
45.716	482.164701	394.2	74.2	0.000729	0.00008	0.00002	19	1.1
45.82315	481.915816	437.824333	74.2	0.000713	0.00008	0.00002	19	1.1
45.71386	481.376173	394.2	74.1	0.000717	0.00008	0	19	1.1
45.38589	480.83653	394.2	74	0.000714	0.00009	0	19	1.2
44.17647	480.296887	394.2	73.9	0.000712	0.00009	0	19	1.2
43.94687	479.757244	394.2	73.8	0.000705	0.00008	0	19	1.1
44.01152	479.012921	425.399411	73.8	0.000694	0.00008	0.00002	19	1.1
43.96819	477.867718	393.771152	73.7	0.000694	0.00007	0.00002	19	1
42.52377	476.722515	393.990402	73.5	0.000662	0.00007	0.00002	19	1
41.27459	475.577312	393.434865	73.4	0.000658	0.00006	0.00002	19	0.9
40.20437	474.432109	405.862422	73.3	0.000614	0.00006	0.00002	19	0.9
36.40158	471.420755	401.567091	73.2	0.000567	0.00006	0.00002	19	0.9
37.63184	467.64717	394.2	73.2	0.000556	0.00006	0.00003	19	0.9
38.88729	463.873585	394.2	72.9	0.000591	0.00006	0.00006	19	0.9
38.47192	460.1	394.2	72.7	0.00059	0.00006	0.00006	19	0.9
36.335	455.233814	422.097635	72.6	0.000549	0.00006	0.00006	19	0.9
33.65024	447.225339	395	72.4	0.000489	0.00005	0.00005	19	0.9
30.69	439.216864	394.470817	72.3	0.000449	0.00004	0.00006	19	0.8
30.36	431.20839	394.2	72.2	0.000429	0.00004	0.00007	19	0.7
30.84641	423.199915	396.256793	72	0.000424	0.00004	0.00011	19	0.7
28.93699	405.601866	400.404412	71.7	0.000405	0.00004	0.00012	19	0.7
23.22137	379.768903	394.404888	71.2	0.000271	0.00004	0.00013	19	0.8
47.25418	353.93594	395	71	0.000205	0.00008	0.00017	19	1.1
47.56714	328.102976	394.584154	70.6	0.000087	0.00012	0.00011	19	1.6
46.93657	302.694288	356.960055	69.2	0.000049	0.00011	0.00007	19	1.5
47.54233	288.646721	395.148778	68.4	0.000033	0.00008	0.00005	19	1.1
46.71913	274.599155	395.7	67.8	0.000032	0.00006	0.00005	19	0.8
45.86104	260.551589	395.7	66.9	0.000032	0.00006	0	19	0.8
42.79237	246.504023	384.292683	65.9	0.000078	0.00005	0.00001	19	0.8
65.76397	290.076784	363.212595	65	0.000575	0.0001	0.00009	19	0.8
153.42086	383.32964	395.911596	64.1	0.002317	0.00072	0.00023	19	2.8
162.01071	476.582496	395.7	63.4	0.002888	0.00497	0.00023	19	17.9
175.456	569.835352	395.7	64.7	0.003175	0.00968	0.00013	19	32.8
185.86994	663.088209	477.357188	65.7	0.003165	0.01418	0.00003	19	45.7
155.9879	651.656101	401.43809	67.7	0.001921	0.01001	0	19	47.9
75.8512	628.333273	404.044091	72.6	0.001056	0.0041	0	19	34.3
66.65866	605.010446	404.7	75	0.001018	0.00188	0	19	17.5
72.61166	581.687618	406.145898	75.9	0.001149	0.00101	0	19	8.8
67.82914	565.54801	457.013325	76.8	0.00115	0.00052	0	19	4.5
68.90498	557.977855	409.020823	77.1	0.001135	0.00037	0	19	3.2
69.44189	550.407701	411.066144	77.4	0.001088	0.00029	0	19	2.6
60.6728	542.837546	412.570037	77.7	0.00101	0.00019	0	19	1.8
63.54833	535.267392	450.085908	78	0.000938	0.00016	0	19	1.5
30.8735	517.540716	421.053604	78.3	0.000395	0.0001	0	19	1.7
27.52694	498.146905	417.1	78.4	0.000221	0.00008	0.00001	19	1.6
32.9844	478.753095	417.427599	78.3	0.000211	0.00008	0.00002	19	1.7
45.25925	459.359284	418.417986	77.7	0.000413	0.00013	0.00004	19	1.7
43.66645	441.747093	430.725275	76.9	0.000514	0.00009	0.00004	19	1.2
36.58939	434.988887	420.080021	75.9	0.000441	0.00007	0.00003	19	1.2
32.58275	428.23068	421.3	75.3	0.000407	0.00006	0.00003	19	1.2
26.61209	421.472474	421.3	75.1	0.000383	0.00006	0.00005	19	1.2
28.99131	414.714267	422.064331	74.9	0.000352	0.00006	0.00008	19	1.2
29.22451	407.548718	419.275495	74.2	0.000324	0.00006	0.0001	19	1.2
28.38632	399.94188	422.9	73.8	0.0003	0.00005	0.0001	19	1.1
28.39238	392.335043	423.7	73.4	0.000286	0.00005	0.00008	19	1.1
27.83334	384.728205	423.9675	72.8	0.000274	0.00005	0.00007	19	1.1
27.27727	377.121368	412.275	72.4	0.000272	0.00005	0.00007	19	1.1
27.451	361.279237	423.757967	71.8	0.000279	0.00005	0.00007	19	1.1
26.95682	343.378283	425.208801	70.9	0.000232	0.00005	0.00006	19	1.1
40.16414	325.477328	425.067366	70.1	0.00016	0.00006	0.00008	19	1.2
47.66121	307.576374	426.08626	69.3	0.000092	0.00009	0.00008	19	1.2

115.677104	1	0.37094
116.329419	1	0.37103
116.981735	1	0.37111
117.634051	1	0.37119
117.814768	1	0.37127
117.392827	1	0.37136
116.970886	1	0.37145
116.548945	1	0.37153
116.127004	1	0.37161
114.638606	1	0.37168
112.690976	1	0.37175
110.743346	1	0.37181
108.795715	1	0.37187
106.622193	1	0.37193
101.778512	1	0.37199
96.93483	1	0.37205
92.091149	1	0.37211
87.247468	1	0.37217
82.456428	1	0.37222
77.710958	1	0.37226
72.965487	1	0.3723
68.220017	1	0.37234
63.474547	1	0.37238
51.572065	1	0.37242
38.87436	1	0.3725
26.176654	1	0.37262
13.478949	1	0.37273
5.45139	1	0.37281
4.116574	1	0.37287
2.781758	1	0.37293
1.446941	1	0.37298
0.112125	0	0.37308
234.539927	0	0.3738
490.587883	0	0.37877
746.635838	0	0.38845
1002.683794	0	0.40263
1138.570477	0	0.41264
904.164262	0	0.41674
669.758047	1	0.41862
435.351831	1	0.41963
200.945616	1	0.42015
137.106864	1	0.42052
133.19722	1	0.42081
129.287576	1	0.421
125.377932	1	0.42116
122.997412	1	0.42126
130.33132	1	0.42134
137.665229	1	0.42142
144.999137	1	0.42155
152.333046	1	0.42164
148.403461	1	0.42171
133.210382	1	0.42177
118.017303	1	0.42183
102.824225	1	0.42189
87.631146	1	0.42195
86.159101	1	0.422
88.99629	1	0.42205
91.833479	1	0.4221
94.670668	1	0.42215
93.36835	1	0.4222
73.079802	1	0.42225
52.791253	1	0.42231
32.502705	1	0.4224

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10:09:13.593	192.2	21.3	785
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46.55729	291.792625	383.234	68.4	0.000041	0.00008	0.00007	19	1.1
45.37163	279.21128	426.2	68	0.000032	0.00008	0.00004	19	1.1
43.777	266.629935	426.2	67.1	0.000031	0.00008	0.00004	19	1.1
42.60774	254.04859	425.518868	65	0.00003	0.00008	0.00003	19	1.1
42.20295	241.467245	386.612462	62.5	0.000029	0.00007	0.00002	19	1.1
41.40615	234.751712	406.481842	60.3	0.000029	0.00007	0.00004	18.3	1.1
40.2931	229.614292	424.5	58.7	0.000028	0.00006	0.00003	18	1
39.80512	224.476871	424.177213	57.6	0.000027	0.00006	0.00004	18	1
37.4377	219.33945	422.709043	56.5	0.000026	0.00006	0.00002	18	1
40.62658	214.285092	332.262703	55.3	0.000028	0.00007	0.00002	18	1
42.72907	210.579783	421.091277	53.9	0.00003	0.00007	0.00004	18	1
42.20306	206.874475	419.304342	51	0.00003	0.00007	0.00002	18	1
40.64104	203.169166	417.588372	46.8	0.000026	0.00006	0.00004	18	1
37.15464	199.463857	416.358216	41.9	0.000025	0.00006	0.00003	18	1
34.41348	197.512294	344.273077	36.2	0.000024	0.00005	0	18	0.9
27.10456	197.765779	412.462863	30.1	0.000014	0.00003	0	18	0.9
11.36377	198.019265	410.636771	24.1	0.000008	0.00002	0.00001	18	0.9
11.2111	198.27275	409.486441	19.2	0.000008	0.00002	0.00001	18	0.9
11.32181	198.526236	377.479688	15.5	0.000009	0.00001	0.00001	18	0.8
11.54903	203.290066	386.239042	12.2	0.000016	0.00001	0.00001	18	0.8
12.18085	209.905111	406.052406	9.9	0.000027	0.00002	0.00001	18	0.9
12.71403	216.520155	404.7	8.4	0.000039	0.00002	0.00001	18	0.9
11.74815	223.135199	404.022091	5.5	0.000051	0.00002	0.00001	18	0.9
11.9203	229.345961	318.538961	4	0.000065	0.00002	0.00001	18	0.9
11.93192	233.821943	401.05907	2.9	0.00008	0.00002	0.00001	18	0.9
11.88658	238.297926	400.079447	1.7	0.000089	0.00002	0.00002	18	0.9
11.88219	242.773908	398.972727	1.1	0.000096	0.00002	0.00002	18	0.9
11.77237	247.249891	388.9277	0.7	0.000101	0.00002	0.00002	18	0.9
11.89973	250.399702	369.075	0.5	0.000104	0.00002	0.00001	18	0.9
11.67791	252.698063	395.826168	0.8	0.000107	0.00002	0.00001	18	0.9
12.0188	254.996425	394.885051	1	0.00011	0.00002	0.00002	18	0.9
11.7854	257.294786	393.537998	0.9	0.000111	0.00002	0.00002	18	0.9
11.77	259.593147	349.390447	0.3	0.000111	0.00002	0.00002	18	0.9
11.70371	260.788459	391.1	0	0.000112	0.00002	0.00002	18	0.9
11.43508	261.874678	390.803811	0	0.00011	0.00002	0.00002	18	0.9
11.74682	262.960896	388.978689	0.1	0.000112	0.00002	0.00002	18	0.9
11.87977	264.047115	388.028664	0.2	0.000115	0.00002	0.00002	18	0.9
11.83	264.938483	351.499212	0.1	0.000115	0.00002	0.00002	18	0.9
11.77281	265.627859	385.987933	0.2	0.000114	0.00002	0.00002	18	0.9
12.02803	266.317234	384.430026	0.3	0.000117	0.00002	0.00002	18	0.9
11.77	267.00661	383.348936	0.2	0.000116	0.00002	0.00002	18	0.9
11.80783	267.695985	373.115068	0	0.000114	0.00002	0.00002	18	0.9
11.95679	268.243094	352.982031	0	0.000116	0.00002	0.00002	18	0.9
11.90663	268.677966	379.670638	0	0.000117	0.00002	0.00002	18	1
11.98477	269.112839	379.4	0	0.000119	0.00002	0.00002	18	1
11.89942	269.547712	377.65858	0	0.00012	0.00002	0.00001	18	1
12.08552	269.982584	354.786893	0	0.000121	0.00002	0.00001	18	0.9
12.1657	270.776996	365.872828	0	0.000123	0.00002	0.00002	18	0.9
12.57684	271.704388	374.1	0	0.000125	0.00002	0.00002	18	0.9
11.99433	272.63178	372.046061	0	0.000125	0.00002	0.00002	18	0.8
11.71824	273.559172	371.079529	0.2	0.000131	0.00002	0.00002	18	0.8
23.85472	281.107384	332.103571	0.5	0.000289	0.00004	0.00004	18	0.8
42.953	303.461378	367.159069	0.5	0.000576	0.00006	0.00007	18	0.8
46.22963	325.815373	364.003988	1	0.000685	0.00006	0.00008	18	0.8
43.183	348.169367	358.985915	5.8	0.000652	0.00006	0.00008	18	0.7
56.87486	370.523361	360.411293	8.6	0.000835	0.00008	0.00008	18	0.8
70.08524	389.2995	350.117335	9.8	0.001335	0.00012	0.00009	18	0.8
105.58747	407.394142	341.256989	11.9	0.001703	0.00014	0.00005	18	0.8
107.72603	425.488785	333.512451	14.4	0.001701	0.00015	0.00005	18	0.8
85.46616	443.583427	327.451415	17.1	0.00128	0.00012	0	18	0.8
37.43279	460.035114	380.79	20.8	0.000544	0.00008	0.00001	18	1.1
31.92893	439.921477	320.290338	25	0.000399	0.00005	0.00002	18	0.9
29.20672	419.807841	318.854694	28.4	0.000393	0.00005	0.00002	18	0.9

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6.20907	1	0.42256
5.14456	1	0.42264
4.080051	0	0.42272
3.015542	0	0.42279
1.980546	0	0.42286
1.557623	0	0.42292
1.134701	0	0.42298
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0	0	0.42342
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34.621983	0	0.42347
54.880603	0	0.42349
75.139224	0	0.4235
95.181917	0	0.42351
112.311145	0	0.42353
129.440373	0	0.42355
146.569601	0	0.42357
163.698829	1	0.42359
170.670434	1	0.42361
165.572917	1	0.42363
160.475399	1	0.42365
155.377881	1	0.42367
150.280363	1	0.42369
148.787425	1	0.42371
147.504277	1	0.42373
146.221129	1	0.42375
144.937981	1	0.42377
143.701642	1	0.42379
142.592502	1	0.42381
141.483363	1	0.42383
140.374224	1	0.42385
139.265084	1	0.42387
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138.824176	1	0.42399
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139.426307	1	0.42411
140.105501	1	0.42413
140.784695	1	0.42417
143.394916	1	0.42423
146.901381	1	0.42429
150.407846	1	0.42435
153.914311	1	0.42443
157.686441	1	0.42455
163.40678	1	0.42469
169.127119	1	0.42484
174.847458	1	0.42496
180.567797	1	0.42504
170.84509	1	0.42509
137.957814	1	0.42514

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21.5915	399.694205	317.829463	30	0.000283	0.00003	0.00002	18	0.8
14.34045	379.580568	325.108163	30.6	0.000189	0.00002	0.00003	18	0.8
10.53261	362.829053	324.238623	31	0.000114	0.00002	0.00002	18	0.8
9.33175	347.94422	316.160543	30.7	0.000075	0.00001	0.00002	18	0.8
8.64082	333.059387	315.5	28.7	0.000048	0.00001	0.00002	18	0.8
9.784	318.174555	315.117122	24.6	0.00004	0.00001	0.00002	18	0.8
11.16463	303.878946	309.941813	20.2	0.000037	0.00001	0.00002	18	0.8
12.27317	303.365439	313.3	16	0.000036	0.00002	0.00002	18	0.8
12.76618	302.851931	313.081534	11.7	0.000042	0.00002	0.00002	18	0.8
11.62279	302.338424	312.122174	7.8	0.000052	0.00002	0.00002	18	0.8
11.61235	301.824916	311.629794	5.4	0.000067	0.00002	0.00002	18	0.8
11.69432	301.51308	308.560738	3.9	0.000083	0.00002	0.00001	18	0.8
11.76414	301.358418	310.5	2.4	0.000095	0.00002	0.00001	18	0.8
11.92486	301.203756	309.8	1.1	0.000104	0.00002	0.00002	18	0.8
11.88752	301.049094	309.413316	0.3	0.000108	0.00002	0.00002	18	0.8
11.65173	301.140164	305.378457	0.4	0.000109	0.00002	0.00002	18	0.8
11.59747	307.811384	308.2	0.7	0.00011	0.00002	0.00002	18	0.8
11.63	314.482605	307.854058	0.9	0.000117	0.00002	0.00002	18	0.8
19.77249	321.153825	307.5	0.9	0.000193	0.00003	0.00003	18	0.8
40.15871	327.825046	310.720588	1.1	0.000411	0.00004	0.00005	18	0.7
33.28597	339.594025	310.360118	2.1	0.000451	0.00004	0.00005	18	0.7
25.50222	354.181019	306.8	4	0.000407	0.00004	0.00005	18	0.7
36.86726	368.768014	306.8	7.3	0.000513	0.00005	0.00008	18	0.7
47.4322	383.355009	307.549947	10.1	0.000815	0.00007	0.00011	18	0.7
78.27184	399.027218	347.706815	12.1	0.001118	0.00008	0.00011	18	0.7
78.13809	425.410019	309.617216	15.8	0.001286	0.00009	0.00005	18	0.7
106.60733	451.79282	312.083203	17.7	0.002	0.00014	0.00006	18	0.7
118.89201	478.175621	315.862576	22.7	0.002023	0.00118	0.00001	18	5.8
101.55921	504.558422	319.802532	29.1	0.001512	0.00118	0	18	7.4
102.65168	521.076435	402.714535	31.1	0.001668	0.00099	0	18	5.7
101.60166	514.685852	326.8025	36.3	0.001749	0.00079	0	18	4.4
99.63304	508.29527	329.659845	41.7	0.001534	0.00057	0	18	3.4
61.44432	501.904688	332.26554	43	0.000859	0.00029	0	18	2.9
53.05137	495.514106	346.770124	47.1	0.000664	0.00019	0	18	2.2
86.21315	514.465517	375.762963	50.6	0.001422	0.00024	0.00002	18	1.7
113.39438	554.659483	339.049578	51.3	0.002522	0.00113	0.00014	18	4.9
136.62484	594.853448	343.91403	52	0.002622	0.00447	0.00007	18	18.9
146.35496	635.047414	350.72503	53.3	0.002795	0.00886	0.00002	18	34.9
159.58759	675.241379	452.365728	55.5	0.002638	0.01369	0	18	53.3
104.8752	637.340582	368.899763	58.5	0.001074	0.00732	0	18	57.1
46.41906	591.146535	373.631162	61.7	0.000603	0.00312	0	18	39
36.11326	544.952488	374.8	64.7	0.000374	0.00118	0.00001	18	19.9
20.82468	498.758441	375.569892	66.5	0.000215	0.00047	0.00002	18	11
64.42052	497.857514	403.896719	66.4	0.00069	0.00077	0.00007	18	6.7
179.79534	541.709431	380.62449	65.7	0.002594	0.00352	0.00023	18	12.8
168.18501	585.561349	393.404335	65.5	0.003024	0.0105	0.0002	18	36.9
175.49156	629.413266	406.945313	65.6	0.002691	0.01729	0.00006	18	62.2
98.66919	673.265183	510.269463	67	0.001039	0.00844	0	18	65.6
70.87398	655.891351	424.558698	69.7	0.000944	0.005	0	18	44.5
85.93455	636.296896	427.285899	72.4	0.001338	0.00353	0	18	24.7
98.55241	616.702442	431.567568	73.8	0.001534	0.00227	0	18	14
84.01747	597.107987	437.722892	74.2	0.00124	0.00168	0	18	12.3
60.73186	577.202156	508.165068	74.7	0.000802	0.0011	0	18	10.3
31.95343	555.24879	443.872495	75.5	0.000247	0.00037	0	18	6.8
23.59553	533.295425	444.912519	76.2	0.000144	0.00025	0	18	4.9
43.64199	511.342059	445.3	75.5	0.000285	0.0002	0.00002	18	2.7
54.78809	489.388693	447.911724	75	0.000636	0.00012	0.00003	18	1.4
66.23494	488.344833	455.998238	74.5	0.000976	0.00014	0.00003	18	1.4
65.47782	502.073218	451.858811	74	0.001035	0.00014	0	18	1.3
66.1831	515.801603	453.824211	74	0.00108	0.00015	0	18	1.3
65.34713	529.529987	455.245325	74.2	0.00106	0.00014	0	18	1.3
66.37738	543.258372	481.92531	74.5	0.001086	0.00016	0	18	1.5
66.75915	542.376887	457.309444	74.9	0.001101	0.00013	0	18	1.2

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782.681514	1	0.47125
516.757238	1	0.47172
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283.005271	1	0.48651
334.839227	1	0.5038
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55.87814	531.631223	459.1	75.9	0.000883	0.00011	0	18	1.2
53.52203	529.089557	479.673742	76.2	0.000846	0.00011	0	18	1.2
56.14398	528.076118	456.910414	76.4	0.000888	0.00011	0	18	1.2
56.77579	527.062679	456.464286	76.6	0.000907	0.00011	0	18	1.2
57.80414	526.04924	454.885638	76.7	0.000918	0.0001	0	18	1.1
57.88316	525.035801	474.503211	76.9	0.000916	0.0001	0	18	1.1
56.51208	523.450547	451.09409	76.9	0.000908	0.0001	0	18	1
57.17558	521.776813	449.234074	77	0.000885	0.00009	0	18	1
57.18797	520.10308	447.489552	77.1	0.000893	0.00009	0	18	0.9
57.07013	518.429346	445.560703	77.2	0.000886	0.00009	0	18	0.9
49.10354	511.093966	470.11502	77.5	0.00066	0.00008	0	18	0.9
28.98233	494.714655	441.852613	77.6	0.000214	0.00005	0.00001	18	0.9
35.37567	478.335345	440.491304	77.7	0.000207	0.00005	0.00002	18	1
43.25198	461.956034	439.45619	77.3	0.000376	0.00007	0.00004	18	0.9
44.1157	445.576724	438.576565	76.4	0.000542	0.00007	0.00005	18	0.9
43.20664	444.112282	437.424528	75.7	0.000589	0.00007	0.00004	18	0.9
44.21984	451.445005	435.277608	75.4	0.000671	0.00007	0.00004	18	1
45.8097	458.777727	434.182985	75.1	0.000715	0.00008	0.00002	18	1
46.10246	466.110449	432.381157	75	0.00069	0.00007	0.00002	18	1
36.9855	473.91325	448.738052	74.9	0.000524	0.00006	0.00002	18	1
62.14782	483.019853	430.089524	74.9	0.000861	0.0001	0.00003	18	1
81.08169	492.126457	429.038961	74.8	0.001245	0.00013	0.00002	18	1
59.71734	501.23306	427.765343	74.6	0.000891	0.00012	0	18	1.2
57.07242	510.339663	439.061301	74.6	0.000916	0.00012	0	18	1.2
41.64647	511.175451	438.784683	74.9	0.000623	0.00007	0	18	0.9
39.80617	507.174581	424.629677	75.4	0.00057	0.00006	0	18	0.9
45.74468	503.173712	423.493684	75.7	0.000679	0.00007	0	18	0.9
49.68257	499.172842	422.484762	75.6	0.000782	0.00007	0	18	0.9
48.82125	495.275156	452.438804	75.5	0.000787	0.00007	0	18	0.9
48.92867	494.498792	420.303797	75.4	0.000773	0.00007	0	18	0.9
49.62212	493.722428	419.217507	75.4	0.000774	0.00007	0	18	0.9
50.4816	492.946064	418.7	75.4	0.000798	0.00008	0	18	0.9
49.98168	492.1697	417.922104	75.4	0.000795	0.00008	0	18	0.9
43.25341	487.712534	441.528488	75.4	0.00065	0.00007	0	18	0.9
34.6908	477.617683	416.572381	75.5	0.000374	0.00005	0	18	0.9
30.05899	467.522832	415.472973	75.5	0.000291	0.00005	0.00002	18	0.9
39.38198	457.427981	414.6	75.3	0.000444	0.00006	0.00004	18	0.9
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48.09988	485.937468	429.059379	73.9	0.000738	0.00007	0	18	0.9
45.84489	486.696962	412.695238	73.9	0.000717	0.00007	0	18	0.9
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47.45237	488.215949	411.751821	73.9	0.000765	0.00007	0	18	0.9
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48.69908	486.383525	411.2	73.8	0.000766	0.00007	0	18	0.8
46.54535	485.42567	411.69534	73.8	0.000724	0.00006	0	18	0.8
43.99932	484.342766	446.299053	73.9	0.000681	0.00006	0	18	0.8
42.99942	482.478755	411.2	73.9	0.000664	0.00006	0	18	0.8
41.98875	480.614743	411.2	74	0.000653	0.00006	0	18	0.8
41.20693	478.750731	410.484427	74	0.000649	0.00006	0	18	0.8
42.40735	476.886719	409.611171	73.9	0.000649	0.00006	0	18	0.8
42.72195	475.725619	432.351561	73.9	0.00067	0.00006	0	18	0.8
43.70848	475.547246	410.030189	73.9	0.000694	0.00006	0.00001	18	0.8
42.53243	475.368874	409.770763	73.9	0.000695	0.00006	0.00002	18	0.8
43.07091	475.190502	409.6	73.8	0.000688	0.00005	0	18	0.7
43.12158	475.012129	432.607877	73.8	0.000684	0.00005	0	18	0.7

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10:13:00.593	191.9	77	1911
10:13:01.593	192	76.9	1907
10:13:02.593	192	77.7	1908
10:13:03.593	192.1	77.6	1907
10:13:04.593	192.1	80.2	1906
10:13:05.593		77.3	1907
10:13:06.593		75.1	1906

43.9963	475.900483	409.6	73.8	0.000693	0.00005	0	18	0.7
43.87388	476.866667	409.40578	73.8	0.000703	0.00005	0	18	0.7
46.02702	477.83285	408.8	73.8	0.000725	0.00005	0	18	0.7
45.98887	478.799034	408.8	73.8	0.000744	0.00006	0	18	0.8
47.13017	479.836897	434.100659	73.7	0.00076	0.00006	0	18	0.8
46.84595	480.992709	409.234803	73.6	0.000756	0.00006	0	18	0.8
47.65662	482.148522	408.967179	73.6	0.000757	0.00007	0	18	0.9
49.96752	483.304334	409.515562	73.6	0.000776	0.00007	0	18	0.9
49.32215	484.460147	429.456109	73.6	0.000785	0.00007	0	18	0.9
48.41055	484.770459	410.897233	73.6	0.000789	0.00007	0	18	0.9
49.60684	484.964383	408.8	73.6	0.000796	0.00008	0	18	0.9
49.66183	485.158306	409.194894	73.6	0.000789	0.00007	0	18	0.9
49.18842	485.35223	408.991243	73.6	0.000781	0.00007	0	18	0.9
43.41968	483.96003	442.675833	73.6	0.000688	0.00007	0	18	0.9
39.69588	477.489569	408.8	73.6	0.000572	0.00006	0	18	0.9
36.47335	471.019108	408.8	73.5	0.000521	0.00006	0	18	1
35.24	464.548647	408.044327	73.4	0.000501	0.00006	0	18	1
34.20188	458.078187	414.12093	73	0.000502	0.00005	0.00001	18	0.9
32.0941	449.867482	415.295296	72.8	0.000465	0.00005	0.00004	18	0.9
30.42646	440.576528	408	72.6	0.000429	0.00005	0.00006	18	0.9
29.69113	431.285575	407.2	72.4	0.000405	0.00005	0.00007	18	0.9
29.56812	421.994621	407.2	72.3	0.000392	0.00005	0.00009	18	0.9
28.44	412.359953	410.276452	71.9	0.000378	0.00004	0.0001	18	0.9
28.79295	400.156161	406.861134	70.9	0.000366	0.00004	0.00011	18	0.9
27.84574	387.95237	406.3	70.4	0.000347	0.00005	0.00012	18	1
27.05034	375.748578	406.891429	70.2	0.000296	0.00004	0.00011	18	0.9
26.26302	363.544787	393.2922	69.7	0.000237	0.00004	0.0001	18	0.9
25.43649	387.293953	406.215903	69.1	0.000216	0.00004	0.00007	18	1
27.50849	415.126864	405.5	68.5	0.000281	0.00005	0.00007	18	1
63.14417	442.959774	405.5	67.8	0.000876	0.0001	0.00015	18	1
103.37243	470.792684	408.691218	67.2	0.001952	0.00019	0.00034	18	1
133.08824	499.056237	425.41543	66.7	0.002431	0.00146	0.00033	18	6.6
138.00768	527.651347	409.212811	66.6	0.002614	0.00332	0.00013	18	14.3
143.43289	556.246457	411.19599	67.5	0.002751	0.00569	0.00002	18	23.1
142.05792	584.841567	413.850921	69.3	0.002438	0.00694	0	18	28.5
89.26681	613.436676	460.425679	71.7	0.001108	0.0038	0	18	26.3
36.27507	596.848094	432.07682	74.1	0.00043	0.00107	0	18	15.9
37.04885	564.301537	418.673533	76.3	0.000375	0.00053	0	18	9
30.71553	531.754981	418.386089	77.4	0.00037	0.00026	0.00002	18	5
31.39456	499.208424	417.9	77.4	0.000375	0.00013	0.00004	18	2.6
32.74	470.174044	442.763961	77.1	0.000383	0.00011	0.00006	18	2
33.14178	466.653743	418.200404	76.7	0.000414	0.0001	0.00007	18	1.8
37.41812	463.133443	418.7	76.3	0.000474	0.0001	0.00007	18	1.7
38.7379	459.613142	419.711268	75.6	0.000534	0.00011	0.00007	18	1.6
39.55625	456.092842	429.651669	75.3	0.00057	0.00011	0.00006	18	1.6
39.60221	457.039407	422.118247	75.1	0.00058	0.0001	0.00006	18	1.5
39.55874	458.713136	421.487519	74.9	0.00059	0.0001	0.00006	18	1.4
40.20273	460.386864	423.342105	74.7	0.00061	0.0001	0.00006	18	1.4
41.32871	462.060593	424.25873	74.6	0.000629	0.00009	0.00004	18	1.4
41.13891	463.870323	443.880774	74.4	0.00064	0.00009	0.00004	18	1.3
43.55843	466.515484	426.748228	74.2	0.000684	0.0001	0.00003	18	1.3
46.68968	469.160645	427.8	74.1	0.000751	0.0001	0.00002	18	1.3
46.86412	471.805806	429.343568	74	0.000745	0.0001	0.00002	18	1.3
45.69077	474.450968	430.373276	74	0.000725	0.0001	0.00001	18	1.3
44.95265	475.705497	444.127536	74	0.000696	0.0001	0	18	1.3
43.46338	475.512633	431.813699	74	0.000676	0.00009	0	18	1.2
42.62784	475.319769	432.187959	74	0.000666	0.00008	0	18	1.2
42.43688	475.126905	432.8	74	0.000661	0.00008	0	18	1.2
42.51154	474.934552	449.24141	73.9	0.00067	0.00008	0	18	1.2
42.48042	474.743185	433.6	73.9	0.000675	0.00008	0	18	1.2
43.63459	474.551818	433.6	73.9	0.000691	0.00008	0	18	1.2
45.87831	474.360451	433.6	73.9	0.00072	0.00008	0	18	1.1
43.6943	474.169084	439.294672	73.8	0.000696	0.00008	0	18	1.1

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69.990716	1	0.53391
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93.512077	1	0.55873
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112.673558	1	0.55938
112.192788	1	0.55946
110.822669	1	0.55954
108.857174	1	0.55962
106.891679	1	0.5597
104.926185	1	0.55978

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10:13:31.593	192.2	79.2	1903
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10:13:35.593		78.1	1906
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10:13:41.593	192.2	76.3	1908
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10:13:50.593	192.2	74.2	1900
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10:14:04.593		79.3	1901
10:14:05.593		77.3	1901
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43.50891	474.839454	438.448936	73.8	0.00068	0.00008	0	18	1.1
44.31038	475.996659	432.087731	73.8	0.0007	0.00008	0	18	1.1
45.03203	477.153865	432	73.8	0.000706	0.00008	0	18	1.1
44.13911	478.31107	431.124672	73.8	0.000705	0.00008	0	18	1.1
50.06592	479.422977	451.497222	73.8	0.000799	0.00009	0	18	1.1
47.76961	479.812419	428.8	73.8	0.000773	0.0001	0	18	1.2
47.37729	480.201861	428.406299	73.7	0.000744	0.00009	0	18	1.2
48.34238	480.591302	427.166127	73.6	0.000766	0.00009	0	18	1.2
46.38204	480.980744	426.20093	73.6	0.000754	0.00009	0	18	1.2
46.52996	481.509735	442.418988	73.6	0.000736	0.00009	0	18	1.2
44.68067	482.218512	423.615655	73.7	0.00069	0.00009	0	18	1.2
44.6733	482.927288	422.9	73.8	0.000704	0.00009	0	18	1.2
47.53063	483.636064	421.263723	73.8	0.000753	0.00009	0	18	1.2
49.2941	484.344841	429.402778	73.8	0.000792	0.0001	0	18	1.2
49.97801	484.723077	431.947403	73.7	0.00081	0.0001	0	18	1.2
50.00135	484.915385	418.889247	73.6	0.000808	0.0001	0	18	1.2
48.13884	485.107692	417.1	73.6	0.000779	0.0001	0	18	1.2
48.05846	485.3	416.414225	73.7	0.000754	0.00009	0	18	1.2
47.87055	485.492308	439.387344	73.8	0.00077	0.00009	0	18	1.2
48.59946	486.847826	414.561446	73.8	0.000766	0.00009	0	18	1.2
50.79022	488.251812	413.582946	73.7	0.000814	0.0001	0	18	1.2
52.58934	489.655797	413	73.6	0.000861	0.0001	0	18	1.2
53.26556	491.059783	413.897619	73.6	0.00087	0.0001	0	18	1.2
53.55675	492.21711	432.410976	73.6	0.000858	0.0001	0	18	1.2
53.03311	493.167681	411.477959	73.6	0.000848	0.0001	0	18	1.2
52.27325	494.118251	410.493506	73.6	0.000833	0.0001	0	18	1.2
54.66845	495.068821	410.26808	73.6	0.000879	0.00011	0	18	1.2
53.9672	496.019392	429.257254	73.6	0.000884	0.00011	0	18	1.2
55.03705	495.061224	410.829746	73.6	0.000876	0.00011	0	18	1.2
53.21352	493.655329	408.8	73.6	0.000849	0.0001	0	18	1.2
50.98771	492.249433	408.8	73.7	0.000813	0.0001	0	18	1.2
48.56155	490.843537	408.110968	73.8	0.000761	0.0001	0	18	1.2
47.05686	489.04483	432.641414	73.9	0.000716	0.00008	0	18	1.1
43.32603	486.656905	408	73.9	0.000665	0.00008	0	18	1.1
41.97171	484.26898	407.943023	73.9	0.000647	0.00008	0	18	1.1
42.14378	481.881054	407.2	74	0.000645	0.00008	0	18	1.1
40.60391	479.493129	433.294568	74	0.000635	0.00007	0	18	1.1
39.99054	475.891682	406.3	74	0.000624	0.00007	0	18	1.1
39.66508	472.240987	406.3	74	0.000621	0.00007	0.00002	18	1.1
39.31388	468.590292	405.967708	74	0.000607	0.00007	0.00002	18	1.1
38.23615	464.939598	405.5	73.9	0.00058	0.00007	0.00003	18	1.1
37.40973	461.907198	432.905084	74	0.000567	0.00007	0.00004	18	1.1
38.87077	462.672894	405.321558	74	0.000585	0.00007	0.00004	18	1.1
40.04914	463.438591	405.024292	73.9	0.000613	0.00007	0.00004	18	1.1
41.62503	464.204288	404.831293	73.8	0.000647	0.00008	0.00005	18	1.1
43.83711	464.969985	406.389623	73.7	0.000695	0.00008	0.00005	18	1.1
46.67988	465.191825	419.023342	73.6	0.000757	0.00008	0.00002	18	1.1
48.61209	465.001711	404.7	73.5	0.000783	0.00009	0.00002	18	1.1
45.23509	464.811597	403.824803	73.5	0.000706	0.00008	0.00001	18	1.1
42.10604	464.621483	404.423159	73.6	0.00064	0.00008	0	18	1.1
39.35864	464.431369	420.431323	73.7	0.000593	0.00007	0	18	1.1
40.73602	466.310295	409.212628	73.8	0.00061	0.00007	0.00001	18	1.1
43.34346	468.598073	403.8	73.8	0.000678	0.00007	0.00002	18	1
47.72846	470.885852	403.8	73.8	0.000751	0.00008	0.00002	18	1.1
49.41195	473.17363	403.8	73.7	0.000807	0.00009	0	18	1.1
49.02541	475.461409	424.548281	73.6	0.000789	0.00009	0	18	1.1
51.54131	477.344941	406.851871	73.6	0.000812	0.00009	0	18	1.1
50.5756	479.158253	403.762382	73.6	0.000815	0.00009	0	18	1.1
49.42712	480.971564	403.8	73.6	0.000802	0.00009	0	18	1.1
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49.60062	484.598187	434.035669	73.8	0.00078	0.00009	0	18	1.1
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10:14:21.593	192.2	77.9	1908
10:14:22.593	192.2	77.8	1907
10:14:23.593	192.2	80	1906
10:14:24.593	192.2	79.2	1905
10:14:25.593	192.2	78	1904
10:14:26.593	192.2	78	1904
10:14:27.593	192.2	77.7	1905
10:14:28.593	192.2	76.7	1907
10:14:29.593		76.3	1905
10:14:30.593		77.2	1906
10:14:31.593		79.3	1903
10:14:32.593		79.9	1903
10:14:33.593		79.6	1900
10:14:34.593		79	1903
10:14:35.593		78.1	1905
10:14:36.593	192.2	75.8	1905
10:14:37.593	192.2	76.9	1907
10:14:38.593	192.2	77.9	1906
10:14:39.593	192.2	79	1903
10:14:40.593	192.2	78.4	1907
10:14:41.593	192.2	80.5	1906
10:14:42.593	192.2	76.4	1907
10:14:43.593	192.2	74.6	1906
10:14:44.593	192.2	78	1904
10:14:45.593	192.2	80.3	1903
10:14:46.593	192.2	78.6	1903
10:14:47.593	192.2	76.8	1908
10:14:48.593	192.2	76.3	1905
10:14:49.593	192.2	77.4	1905
10:14:50.593	192.2	80	1904
10:14:51.593	192.2	82.8	1904
10:14:52.593	192.2	78.8	1904
10:14:53.593	192.2	75.8	1905
10:14:54.593	192.2	74.8	1907
10:14:55.593	192.2	78.7	1905
10:14:56.593	192.2	78.3	1905
10:14:57.593		79.3	1903
10:14:58.593		81.1	1908
10:14:59.593		78.8	1904
10:15:00.593		75.7	1905
10:15:01.593		75	1906
10:15:02.593		79.6	1906
10:15:03.593		79.3	1906
10:15:04.593	192.2	73.3	1903
10:15:05.593	192.2	70.6	1896
10:15:06.593	192.2	76.2	1894
10:15:07.593	192.2	81.6	1894
10:15:08.593	192.2	78.9	1897
10:15:09.593	192.2	75.3	1899
10:15:10.593	192.2	75.1	1901
10:15:11.593	192.2	76.1	1901
10:15:12.593	192.2	76.6	1902

55.60198	488.682064	404.516773	73.6	0.000915	0.0001	0	18	1.1
53.98459	490.043205	404.461354	73.6	0.000864	0.0001	0	18	1.1
52.27164	490.979072	431.993278	73.6	0.000832	0.0001	0	18	1.1
51.28494	491.382389	403.8	73.6	0.000803	0.00009	0	18	1.1
52.07499	491.785705	403.8	73.6	0.000822	0.00009	0	18	1.1
51.52974	492.189021	404.387143	73.6	0.000834	0.00009	0	18	1.1
51.33586	492.592337	435.655238	73.7	0.000822	0.00009	0	18	1.1
49.56011	490.330059	402.945378	73.7	0.0008	0.00009	0	18	1.1
47.08762	488.016154	403.8	73.7	0.000743	0.00009	0	18	1.1
45.18069	485.702248	403.182575	73.8	0.000701	0.00008	0	18	1.1
44.27425	483.388343	402.211087	73.9	0.000675	0.00008	0	18	1.1
43.74228	481.932589	430.60845	73.9	0.000677	0.00008	0	18	1.1
43.17514	481.764062	402.9	73.9	0.000676	0.00008	0	18	1.1
43.16996	481.595534	402.373684	73.9	0.000682	0.00008	0	18	1.1
44.65667	481.427007	402.1	73.8	0.000718	0.00009	0	18	1.2
46.21897	481.258479	414.022222	73.9	0.000735	0.00009	0	18	1.2
46.6326	480.705095	416.662803	73.8	0.000745	0.00009	0	18	1.2
46.88728	479.9472	401.500635	73.8	0.000746	0.00009	0	18	1.2
46.05023	479.189305	402.00491	73.7	0.00072	0.00009	0	18	1.2
44.45027	478.431411	401.837276	73.7	0.000709	0.00009	0	18	1.2
44.79104	477.673516	424.423889	73.8	0.000697	0.00009	0	18	1.2
44.63443	478.726359	401.3	73.8	0.000696	0.00009	0	18	1.2
45.81231	479.973711	401.3	73.8	0.000727	0.00009	0	18	1.2
47.17854	481.221064	401.3	73.8	0.000746	0.00009	0	18	1.2
47.49786	482.468416	409.278378	73.7	0.000766	0.00009	0	18	1.2
47.6793	482.553757	416.391837	73.6	0.000768	0.00009	0	18	1.2
46.35735	482.024333	401.3	73.6	0.000742	0.00009	0	18	1.2
45.56171	481.494909	401.3	73.6	0.000722	0.00009	0	18	1.2
44.11876	480.965486	401.3	73.6	0.000704	0.00009	0	18	1.2
44.92034	480.436062	417.922917	73.6	0.00072	0.00009	0	18	1.2
45.97145	479.463217	410.578871	73.7	0.000743	0.00009	0	18	1.2
47.45805	478.336995	402.015468	73.7	0.000753	0.00009	0	18	1.2
46.24364	477.210773	401.459287	73.6	0.00075	0.00009	0	18	1.2
43.38332	476.084552	402.1	73.6	0.000686	0.00009	0	18	1.2
42.12225	475.006617	432.277439	73.7	0.000652	0.00008	0	18	1.2
43.12926	475.185468	402.1	73.8	0.000704	0.00008	0	18	1.1
46.08274	475.364319	402.1	73.7	0.000741	0.00008	0	18	1
45.68516	475.54317	402.1	73.6	0.000735	0.00008	0	18	1
45.14289	475.722021	404.133931	73.6	0.000711	0.00008	0	18	1
45.03662	476.646596	420.674707	73.6	0.000703	0.00008	0	18	1
44.41789	478.147653	402.358874	73.7	0.000706	0.00007	0	18	1
48.37548	479.64871	402.830208	73.9	0.000771	0.00008	0	18	1
50.42479	481.149767	402.9	73.8	0.00081	0.00008	0	18	1
48.83566	482.650825	425.186501	73.6	0.000787	0.00008	0	18	1
46.46765	482.740264	403.256912	73.6	0.000718	0.00008	0	18	1
44.52287	482.548734	403.8	73.6	0.000701	0.00008	0	18	1
45.82621	482.357204	403.8	73.7	0.000725	0.00008	0	18	1
46.24513	482.165674	403.2	73.8	0.000731	0.00008	0	18	1
46.78267	481.97707	441.509179	73.8	0.000765	0.00008	0	18	1
49.98435	481.807219	403.8	73.7	0.000813	0.00008	0	18	1
47.86053	481.637367	403.8	73.6	0.000776	0.00008	0	18	1
45.63968	481.467516	403.8	73.6	0.000716	0.00008	0	18	1
46.19914	481.297665	403.8	73.7	0.000713	0.00008	0	18	1
45.93082	480.53986	424.50644	73.8	0.00071	0.00007	0	18	1
42.94313	478.986589	403.550884	73.8	0.000678	0.00007	0	18	1
39.89321	477.433319	403.8	73.8	0.000612	0.00007	0	18	1
40.52094	475.880048	403.8	73.7	0.000627	0.00007	0	18	1
47.21984	474.326778	423.628571	73.5	0.000756	0.00008	0	18	1
50.2393	474.267487	407.224342	73.4	0.000802	0.00008	0	18	1
48.80346	474.463609	403.8	73.3	0.000773	0.00008	0	18	1
45.37419	474.65973	403.8	73.3	0.00072	0.00008	0	18	1
43.62429	474.855851	403.8	73.4	0.00067	0.00007	0	18	1
41.93984	474.948276	435.064103	73.5	0.000648	0.00008	0	18	1.1

142.494076	1	0.5654
143.15226	1	0.5655
143.810443	1	0.5656
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143.169761	1	0.56596
142.580687	1	0.56605
140.8408	1	0.56614
139.100913	1	0.56622
137.361027	1	0.5663
135.62114	1	0.56638
130.910536	1	0.56646
124.550562	1	0.56654
118.190587	1	0.56663
111.830613	1	0.56672
105.470638	1	0.56681
107.183962	1	0.5669
109.542453	1	0.56699
111.900943	1	0.56708
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115.879429	1	0.56726
115.419236	1	0.56735
114.959043	1	0.56744
114.49885	1	0.56753
114.038656	1	0.56762
115.309908	1	0.56771
116.739939	1	0.5678
118.169969	1	0.56789
119.6	1	0.56798
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119.037037	1	0.56834
118.387264	1	0.56842
117.735313	1	0.5685
117.080149	1	0.56858
116.424984	1	0.56866
115.769819	1	0.56874
115.114654	1	0.56882
115.357143	1	0.56889
115.790043	1	0.56897
116.222944	1	0.56905
116.655844	1	0.56913
117.39247	1	0.56921
119.306956	1	0.56929
121.221442	1	0.56937
123.135929	1	0.56945
125.050415	1	0.56953
126.764961	1	0.56961
128.282741	1	0.56969
129.80052	1	0.56977
131.3183	1	0.56985
132.83608	1	0.56992
128.136926	1	0.56999
122.685049	1	0.57006
117.233173	1	0.57013
111.781296	1	0.57021
107.588389	1	0.57029
112.372037	1	0.57037
117.155686	1	0.57045
121.939335	1	0.57052
126.722983	1	0.5706

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10:15:15.593	192.2	77.7	1902
10:15:16.593	192.2	78	1904
10:15:17.593	192.2	78	1903
10:15:18.593	192.2	77.7	1901
10:15:19.593	192.2	76.9	1903
10:15:20.593	192.2	76.5	1904
10:15:21.593	192.2	77.1	1905
10:15:22.593	192.2	76.9	1906
10:15:23.593	192.2	76.6	1904
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10:15:31.593		79.4	1902
10:15:32.593	191.7	77.2	1906
10:15:33.593	191.6	73.8	1906
10:15:34.593	191.6	74.7	1907
10:15:35.593	191.5	55.6	1907
10:15:36.593	191.4	12.4	1899
10:15:37.593	191.4	0	1874
10:15:38.593	191.3	0	1847
10:15:39.593	191.2	0	1823
10:15:40.593	191.2	39.8	1795
10:15:41.593	191.1	73.3	1783
10:15:42.593	191.1	79.3	1783
10:15:43.593	191	45.6	1777
10:15:44.593	190.9	53	1773
10:15:45.593	190.9	56.4	1765
10:15:46.593	190.8	54.2	1755
10:15:47.593	190.7	54.1	1746
10:15:48.593	190.7	65.4	1737
10:15:49.593	190.6	68.3	1730
10:15:50.593	190.5	70.5	1722
10:15:51.593	190.5	76.3	1720
10:15:52.593	190.4	81.2	1717
10:15:53.593		76	1718
10:15:54.593		76.5	1717
10:15:55.593		77	1714
10:15:56.593		77.7	1710
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10:15:58.593		71	1709
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10:16:00.593	191.9	64	1698
10:16:01.593	192.1	68.7	1690
10:16:02.593	192.3	73.2	1687
10:16:03.593	192.5	76.4	1682
10:16:04.593	192.7	78.8	1681
10:16:05.593	192.9	78.3	1679
10:16:06.593	193.1	77.6	1674
10:16:07.593	193.3	77	1679
10:16:08.593	193.5	77.8	1681
10:16:09.593	193.7	78.7	1684
10:16:10.593	193.9	78.3	1681
10:16:11.593	194.1	78.7	1679
10:16:12.593	194.3	79.1	1679
10:16:13.593	194.4	77.3	1681
10:16:14.593	194.6	75.5	1676
10:16:15.593	194.8	69	1674

42.42543	474.75309	403.8	73.5	0.000653	0.00008	0	18	1.1
43.2243	474.557905	403.8	73.6	0.000681	0.00007	0	18	1
43.95683	474.36272	403.8	73.6	0.000693	0.00007	0	18	1
43.44187	474.167534	413.961918	73.6	0.000704	0.00007	0	18	1
43.46026	473.977858	416.132523	73.6	0.000704	0.00007	0	18	1
44.44645	473.791098	403.8	73.6	0.000714	0.00007	0	18	1
45.46977	473.604337	403.8	73.6	0.000714	0.00007	0	18	1
44.23906	473.417576	403.8	73.6	0.000694	0.00007	0	18	1
43.3441	473.230816	422.502873	73.6	0.000686	0.00007	0	18	1
43.37814	473.035197	404.111211	73.6	0.000686	0.00007	0.00002	18	1
43.07817	472.837829	403.728365	73.6	0.000671	0.00007	0.00002	18	1
41.77451	472.640461	403.388955	73.7	0.000664	0.00007	0.00002	18	1
42.02522	472.443092	403.8	73.8	0.000666	0.00007	0.00002	18	1
43.43205	472.552557	433.028869	73.8	0.000691	0.00007	0.00004	18	1
43.63211	473.470946	403.479596	73.7	0.000697	0.00007	0.00002	18	1
43.89283	474.389334	402.9	73.6	0.000707	0.00007	0.00002	18	1
45.56544	475.307723	402.9	73.6	0.000731	0.00008	0.00002	18	1
47.26803	476.226111	403.776291	73.6	0.000775	0.00008	0.00002	18	1
48.75073	476.078311	425.697719	73.6	0.000788	0.00008	0.00002	18	1
48.09361	474.79383	403.296918	73.5	0.000781	0.00008	0.00001	18	1
45.17746	473.509349	403.663043	73.6	0.000714	0.00008	0	18	1
42.17219	472.224868	403.8	73.6	0.000647	0.00007	0	18	1
41.28232	470.940387	417.419417	73.7	0.000616	0.00007	0	18	1
34.34871	447.096154	412.600771	73.9	0.000439	0.00005	0.00001	18	1
24.5698	415.118132	403.03883	73.8	0.000286	0.00006	0.00004	18	1
48.53743	383.14011	402.9	73.8	0.000168	0.00008	0.00007	18	1.1
48.42951	351.162088	402.9	73.3	0.000082	0.0001	0.00007	18	1.2
47.10822	327.463096	365.112056	72.3	0.000051	0.00005	0.00005	18	1.1
35.99144	340.236591	402.1	71.3	0.000169	0.00006	0.00004	18	1.1
47.31152	353.010085	402.1	70.3	0.000493	0.00007	0	18	0.9
32.76715	365.78358	402.1	69.4	0.000462	0.00005	0	18	0.9
32.75102	378.557074	402.1	68.9	0.000402	0.00005	0	18	0.9
31.12775	386.782098	396.449222	68.9	0.000405	0.00005	0	18	0.9
26.5887	387.771988	401.681176	68.8	0.00037	0.00005	0.00001	18	1
26.34856	388.761879	401.3	68.6	0.000348	0.00005	0.00005	18	1.1
31.82413	389.751769	400.534699	68.3	0.000382	0.00006	0.00007	18	1.1
32.4106	390.74166	399.862791	67.9	0.000433	0.00006	0.00009	18	1.1
32.06004	395.717851	399.199266	67.5	0.000448	0.00006	0.00006	18	1.2
32.71215	402.955861	400.5	67.1	0.000485	0.00006	0.00007	18	1.2
38.63043	410.193872	400.5	66.8	0.000585	0.00007	0.00008	18	1.2
39.3672	417.431883	399.970106	66.6	0.000626	0.00008	0.00007	18	1.2
38.12167	424.078066	411.277236	66.5	0.000607	0.00008	0.00005	18	1.2
37.70306	426.899454	399.395745	66.4	0.000596	0.00007	0.00003	18	1.2
37.21863	429.720842	398.9	66.4	0.000585	0.00007	0.00002	18	1.2
37.32759	432.54223	398.770987	66.3	0.000588	0.00007	0.00002	18	1.2
37.18152	435.363618	406.081867	66.3	0.000542	0.00007	0.00002	18	1.2
29.22926	432.922541	399.482861	66.3	0.000491	0.00006	0.00002	18	1.2
28.47523	428.622866	395.733546	66.2	0.000436	0.00006	0.00004	18	1.2
29.52519	424.323192	395.427727	66.1	0.000428	0.00006	0.00006	18	1.2
32.31692	420.023518	394.484337	65.9	0.000473	0.00006	0.00008	18	1.2
34.69334	416.822227	404.485274	65.6	0.000537	0.00007	0.00009	18	1.2
36.88128	420.719443	392.928162	65.3	0.000585	0.00007	0.00008	18	1.2
38.35123	424.61666	391.536364	65.1	0.000619	0.00008	0.00007	18	1.2
38.4929	428.513876	390.507375	65	0.00063	0.00008	0.00004	18	1.2
38.3303	432.411092	388.781296	65	0.000607	0.00008	0.00003	18	1.2
38.07884	435.226227	401.966753	65	0.000603	0.00008	0.00002	18	1.2
37.73641	436.791371	386.702678	65	0.000599	0.00007	0.00002	18	1.2
38.14675	438.356514	384.9	65	0.000606	0.00007	0.00002	18	1.1
37.87171	439.921658	384.687278	65	0.000601	0.00007	0.00002	18	1.1
37.51164	441.486802	395.498632	65	0.000595	0.00007	0.00002	18	1.1
37.64279	440.165756	388.208333	65	0.000596	0.00007	0.00002	18	1.1
36.08953	437.809447	381.727099	65	0.000572	0.00007	0.00002	18	1.1
32.42951	435.453138	380.562564	65	0.000515	0.00006	0.00002	18	1.1

125.917647	1	0.57068
120.035294	1	0.57075
114.152941	1	0.57082
108.270588	1	0.57089
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102.591139	1	0.57103
103.224051	1	0.5711
103.856962	1	0.57117
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103.718609	1	0.57138
102.645417	1	0.57145
101.572226	1	0.57152
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100.446764	1	0.57166
101.281837	1	0.57173
102.11691	1	0.57181
102.951983	1	0.57189
103.787056	1	0.57197
105.254209	1	0.57205
106.93771	1	0.57213
108.621212	1	0.5722
110.304714	1	0.57227
111.988215	1	0.57232
88.232543	1	0.57238
64.297541	1	0.57246
40.362538	1	0.57256
16.427536	1	0.57261
14.011706	1	0.57267
39.095318	0	0.57274
64.17893	0	0.57279
89.262542	0	0.57284
114.346154	0	0.57289
118.501181	0	0.57294
111.632754	1	0.57299
104.764327	1	0.57305
97.8959	1	0.57311
91.027474	1	0.57317
91.442568	1	0.57323
91.886914	1	0.5733
92.33126	1	0.57338
92.775605	1	0.57346
94.014575	1	0.57353
96.064222	1	0.5736
98.113869	1	0.57367
100.163516	1	0.57374
101.300347	1	0.5738
94.572917	1	0.57386
87.845486	1	0.57392
81.118056	1	0.57398
74.390625	1	0.57405
74.749685	1	0.57412
82.309534	1	0.5742
89.869383	1	0.57428
97.429231	1	0.57436
104.98908	1	0.57444
107.789247	1	0.57451
108.864516	1	0.57458
109.939785	1	0.57465
111.015054	1	0.57472
111.667034	1	0.57479
107.703149	1	0.57486
103.739264	1	0.57492

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10:16:17.593	195.2	73.7	1664
10:16:18.593	195.4	73.1	1657
10:16:19.593	195.6	72.4	1655
10:16:20.593		32.3	1635
10:16:21.593		37.2	1625
10:16:22.593		41	1610
10:16:23.593		48.3	1596
10:16:24.593		50.8	1584
10:16:25.593		65.4	1575
10:16:26.593		82.7	1572
10:16:27.593		94.3	1580
10:16:28.593	197.4	84.8	1596
10:16:29.593	197.6	83.9	1618
10:16:30.593	197.8	85.1	1642
10:16:31.593	198	82.3	1660
10:16:32.593	198.2	81.8	1675
10:16:33.593	198.4	89.8	1691
10:16:34.593	198.5	86.8	1703
10:16:35.593	198.7	83.5	1716
10:16:36.593	198.9	78	1731
10:16:37.593	199.1	77.1	1750
10:16:38.593	199.3	76.1	1768
10:16:39.593	199.5	78	1784
10:16:40.593	199.7	78.8	1797
10:16:41.593	199.9	78.6	1810
10:16:42.593	200.1	79.3	1823
10:16:43.593	200.3	79.2	1839
10:16:44.593	200.5	79.4	1852
10:16:45.593	200.7	81	1864
10:16:46.593	200.9	79.3	1878
10:16:47.593	201.1	79.3	1890
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10:16:53.593		82.9	1944
10:16:54.593		81.2	1948
10:16:55.593		80.8	1956
10:16:56.593	198.4	77.6	1960
10:16:57.593	198.1	75.6	1963
10:16:58.593	197.8	72.4	1964
10:16:59.593	197.5	69.9	1964
10:17:00.593	197.1	78.5	1961
10:17:01.593	196.8	79.7	1959
10:17:02.593	196.5	79.2	1958
10:17:03.593	196.2	70.1	1953
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10:17:07.593	194.9	69.1	1923
10:17:08.593	194.5	54	1912
10:17:09.593	194.2	46.1	1902
10:17:10.593	193.9	60	1886
10:17:11.593	193.5	83.8	1883
10:17:12.593	193.2	81.5	1883
10:17:13.593	192.9	72.5	1883
10:17:14.593	192.6	76.4	1888
10:17:15.593	192.2	89.1	1889
10:17:16.593		83.2	1901
10:17:17.593		72.5	1915
10:17:18.593		70.4	1922

32.05826	433.096829	379.688412	64.9	0.000497	0.00006	0.00003	18	1.1
33.35442	429.336029	403.982438	64.8	0.000498	0.00006	0.00004	18	1.1
33.5786	419.777206	378.343358	64.7	0.000511	0.00006	0.00005	18	1.1
32.85903	410.218382	377.479714	64.5	0.00049	0.00006	0.00005	18	1.1
26.93383	400.659559	377.1	64.3	0.000419	0.00005	0.00004	18	1
18.87948	391.100735	376.494003	64.2	0.000254	0.00004	0.00004	18	1
18.02109	384.657912	378.855531	64	0.000192	0.00003	0.00004	18	1
19.61204	382.262308	375.088172	63.5	0.000179	0.00003	0.00005	18	1
23.42018	379.866703	374.8	62.8	0.000233	0.00004	0.00007	18	1
27.91192	377.471099	374.577957	62.1	0.000303	0.00005	0.00009	18	1
34.53425	375.075495	374.29837	61.7	0.00047	0.00006	0.00012	18	1
62.93554	400.135294	374.120561	61.3	0.000949	0.0001	0.00016	18	1
69.28341	428.762745	374.1	61.1	0.001182	0.00011	0.00017	18	1
64.34646	457.390196	374.1	61.2	0.001145	0.00011	0.00009	18	1
63.75349	486.017647	374.630178	61.3	0.001122	0.00011	0.00004	18	1
63.26924	506.866338	427.25324	61.9	0.001067	0.0001	0.00001	18	1
54.56975	509.12511	374.8	62.8	0.00094	0.00009	0	18	1
52.60659	511.383882	374.8	63.7	0.000889	0.00008	0	18	1
55.65836	513.642654	374.8	64.4	0.000947	0.00009	0	18	1
60.58779	515.901425	405.211585	64.9	0.00107	0.0001	0	18	1
71.19721	518.263238	386.183063	65.5	0.001192	0.00011	0	18	1
71.11073	520.6622	376.361824	65.9	0.001183	0.00012	0	18	1
68.3582	523.061163	376.567432	66.4	0.001132	0.00011	0	18	1
69.06317	525.460125	377.1	67	0.001098	0.00011	0	18	1
68.45606	527.646123	446.238933	67.8	0.001106	0.00011	0	18	1
68.46768	528.073185	378.331604	68.5	0.001109	0.00011	0	18	1
67.40807	528.500247	379.4	69.1	0.001096	0.00011	0	18	1
68.58696	528.92731	380.161734	69.7	0.001101	0.00011	0	18	1
66.91946	529.354372	403.210754	70.2	0.001093	0.00011	0	18	1
67.38725	529.896412	407.133596	70.7	0.001119	0.00011	0	18	1
65.69169	530.497946	382.420632	71.3	0.001115	0.00011	0	18	1
66.24779	531.099481	383.415256	71.7	0.0011	0.00011	0	18	1
65.10988	531.701016	384.328709	72.3	0.00108	0.00011	0	18	1
65.74386	532.302551	426.286047	72.8	0.001058	0.0001	0	18	1
63.61804	530.539784	385.709564	73.2	0.001058	0.0001	0	18	1
58.5013	528.319957	387.275472	73.7	0.000994	0.0001	0	18	1
57.30488	526.100129	388	74.1	0.000942	0.00009	0	18	1
57.38637	523.880302	388.529956	74.5	0.000919	0.00009	0	18	1
58.69308	521.431382	452.194359	74.8	0.000952	0.0001	0	18	1
59.95177	518.054525	389.926582	75	0.000977	0.0001	0	18	1
59.8	514.677668	389.65142	75.3	0.000962	0.00009	0	18	0.9
58.64924	511.30081	390.836249	75.5	0.000948	0.0001	0	18	1
52.66425	507.923953	417.318623	75.6	0.000826	0.00009	0	18	1
44.89157	505.092365	405.721012	75.9	0.000677	0.00007	0	18	0.9
40.8692	502.436763	391.9	76.1	0.000621	0.00006	0	18	0.9
43.52058	499.781162	392.001971	76.1	0.000686	0.00007	0	18	0.9
44.18273	497.12556	392.7	76	0.0007	0.00007	0.00002	18	0.9
45.40342	494.469959	428.007708	75.9	0.000679	0.00007	0.00002	18	1
39.03239	486.865049	392.896731	75.8	0.000587	0.00007	0.00002	18	1
35.37597	478.921726	393.34141	75.7	0.00049	0.00005	0.00003	18	0.9
34.63099	470.978403	393.097583	75.6	0.00049	0.00005	0.00006	18	0.9
37.71965	463.035079	393.4	75.4	0.000534	0.00006	0.00007	18	0.9
35.79176	457.458093	420.633376	75.1	0.000502	0.00005	0.00009	18	0.9
28.24365	458.026772	393.4	74.7	0.000435	0.00005	0.00008	18	1
30.9286	458.595451	393.4	74.3	0.000409	0.00005	0.00008	18	1
44.78296	459.164129	393.4	74	0.000588	0.00007	0.00011	18	1
52.07791	459.732808	402.788245	73.5	0.000793	0.00008	0.00011	18	1
47.48879	467.746253	400.613338	73.1	0.00075	0.00008	0.00006	18	1
43.98012	478.859926	395.107124	73	0.000678	0.00007	0.00002	18	1
63.33818	489.973599	395.7	73	0.000991	0.0001	0.00003	18	1
87.03306	501.087272	395.7	73	0.001259	0.00012	0.00004	18	1
63.42392	506.074118	438.125099	73	0.00104	0.00011	0.00001	18	1
51.53384	500.583922	397.4	73	0.000802	0.00009	0	18	1

99.77538	1	0.57498
95.811495	1	0.57504
92.513269	1	0.5751
89.775274	1	0.57516
87.037279	1	0.57521
84.299284	1	0.57525
81.561289	1	0.57528
83.912716	1	0.57531
87.576509	1	0.57535
91.240302	1	0.5754
94.904095	1	0.57546
115.644241	1	0.57556
229.478057	1	0.57567
343.311873	1	0.57578
457.145689	1	0.57589
570.979505	1	0.57599
563.686939	1	0.57608
495.649311	1	0.57616
427.611682	1	0.57625
359.574054	1	0.57635
300.368364	1	0.57646
325.298517	1	0.57658
350.22867	1	0.57669
375.158822	1	0.5768
400.088975	1	0.57691
398.298401	1	0.57702
362.774423	1	0.57713
327.250444	1	0.57724
291.726465	1	0.57735
256.202487	1	0.57746
238.736686	1	0.57757
222.464497	1	0.57768
206.192308	1	0.57779
189.920118	1	0.57789
175.08736	1	0.57799
165.802701	1	0.57809
156.518042	1	0.57818
147.233383	1	0.57827
137.948723	1	0.57837
135.728539	1	0.57847
141.571236	1	0.57856
147.413933	1	0.57866
153.256629	1	0.57875
158.866003	1	0.57882
150.983821	1	0.57888
143.101639	1	0.57895
135.219457	1	0.57902
127.337274	1	0.57909
119.10689	1	0.57916
109.448165	1	0.57921
99.78944	1	0.57926
90.130715	1	0.57932
80.47199	1	0.57937
80.566122	1	0.57942
89.069143	1	0.57947
97.572164	1	0.57954
106.075185	1	0.57962
117.086721	1	0.5797
162.479675	1	0.57977
207.872629	1	0.57987
253.265583	1	0.57999
298.658537	1	0.5801
288.729258	1	0.58019

10:17:19.593		73.3	1925
10:17:20.593		74.6	1922
10:17:21.593		77.5	1917
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10:17:23.593	191.7	78	1913
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10:17:25.593	191.6	77.4	1912
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10:17:30.593	191.2	78.4	1906
10:17:31.593	191.2	79.8	1905
10:17:32.593	191.1	79.9	1906
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10:17:36.593	190.8	75.9	1907
10:17:37.593	190.8	75.5	1908
10:17:38.593	190.7	77.8	1906
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10:17:40.593	190.6	78.6	1909
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10:17:50.593		77.1	1905
10:17:51.593	191.5	79	1906
10:17:52.593	191.6	78.5	1905
10:17:53.593	191.7	78.8	1905
10:17:54.593	191.9	78.8	1904
10:17:55.593	192	78.5	1905
10:17:56.593	192.1	75.7	1905
10:17:57.593	192.2	77.6	1904
10:17:58.593	192.4	78	1904
10:17:59.593	192.5	77.2	1905
10:18:00.593	192.6	76.7	1907
10:18:01.593	192.8	76.8	1906
10:18:02.593	192.9	77.6	1906
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10:18:05.593	193.3	77.3	1904
10:18:06.593	193.4	77.7	1906
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10:18:08.593	193.7	78.4	1906
10:18:09.593	193.8	78.4	1905
10:18:10.593	193.9	77.4	1906
10:18:11.593		78.4	1906
10:18:12.593		79	1906
10:18:13.593		78.9	1904
10:18:14.593		78	1905
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10:18:16.593		77.3	1906
10:18:17.593		75.7	1907
10:18:18.593	193	76.6	1903
10:18:19.593	192.9	80.9	1901
10:18:20.593	192.7	80.6	1903
10:18:21.593	192.6	78.5	1904

46.4299	495.093725	397.4	73	0.000696	0.00008	0	18	1
41.94266	489.603529	398.850427	73	0.00063	0.00006	0	18	0.9
41.48862	484.113333	414.607235	73.6	0.000637	0.00006	0	18	0.9
43.74304	482.046787	406.667503	74.3	0.000672	0.00006	0.00002	18	0.9
43.56866	480.951519	398.267647	74.5	0.000702	0.00007	0.00001	18	0.9
43.57909	479.856251	398.9	74.3	0.000694	0.00007	0	18	0.9
43.66214	478.760984	398.9	74.1	0.000695	0.00007	0	18	0.9
44.13549	477.665716	426.325758	74.1	0.000707	0.00007	0	18	0.9
45.24302	478.317709	398.984392	74	0.000723	0.00007	0	18	0.9
46.12528	479.08123	399.7	74	0.000737	0.00007	0	18	0.9
46.46105	479.844751	399.7	74	0.000742	0.00007	0	18	0.9
46.72521	480.608271	399.7	73.9	0.000751	0.00007	0	18	0.9
47.29808	481.326761	436.425407	73.9	0.000764	0.00007	0	18	0.9
49.77088	481.890141	400.5	73.8	0.000787	0.00007	0	18	0.9
49.48187	482.453521	400.5	73.7	0.000799	0.00008	0	18	0.9
48.59232	483.016901	399.802019	73.6	0.00078	0.00007	0	18	0.9
48.19233	483.580282	410.574797	73.6	0.000768	0.00008	0	18	1
46.42411	483.217914	415.26125	73.6	0.000724	0.00008	0	18	1
43.2493	482.263674	400.5	73.6	0.000668	0.00007	0	18	1
42.89541	481.309434	400.5	73.6	0.00066	0.00007	0	18	1
43.79151	480.355194	400.902356	73.6	0.000685	0.00007	0	18	1
44.41216	479.400954	431.529635	73.8	0.00072	0.00007	0	18	1
45.28532	479.4	400.5	73.9	0.000723	0.00007	0	18	1
45.04525	479.4	400.836232	73.9	0.00072	0.00008	0.00001	18	1
46.02303	479.4	400.63234	73.8	0.000725	0.00007	0	18	0.9
45.43647	479.4	409.70702	73.8	0.000733	0.00008	0	18	1
46.46933	479.143191	414.290197	73.8	0.000748	0.00008	0.00002	18	1
47.96431	478.753496	401.204421	73.8	0.000773	0.00008	0	18	1
47.13809	478.363802	401.3	73.8	0.000757	0.00007	0	18	0.9
46.392	477.974107	401.3	73.8	0.000722	0.00007	0	18	0.9
44.7454	477.615511	433.263514	73.8	0.000695	0.00007	0	18	0.9
43.47713	478.003274	402.1	73.9	0.000679	0.00007	0	18	0.9
43.80336	478.391038	401.912865	73.9	0.000682	0.00007	0	18	0.9
44.76413	478.778802	401.3	73.9	0.000712	0.00007	0.00002	18	0.9
45.82798	479.166566	401.988172	73.8	0.000739	0.00007	0.00002	18	0.9
46.60706	479.33135	426.404545	73.8	0.000743	0.00007	0.00002	18	0.9
46.3481	479.158862	401.850415	73.8	0.000747	0.00007	0.00001	18	0.9
46.63374	478.986373	402.1	73.8	0.000731	0.00007	0	18	0.9
46.03498	478.813885	402.320807	73.8	0.000723	0.00007	0	18	0.9
46.10486	478.641397	419.663649	73.8	0.000716	0.00007	0	18	0.9
45.51477	477.992	410.236842	73.8	0.000721	0.00007	0	18	0.9
44.26797	477.192	402.1	73.8	0.000713	0.00007	0	18	0.9
43.91955	476.392	402.1	73.8	0.000687	0.00007	0.00002	18	0.9
42.58662	475.592	402.1	73.8	0.000679	0.00007	0.00002	18	0.9
43.41123	474.948219	434.331469	73.8	0.000691	0.00007	0.00002	18	0.9
44.13767	474.74906	402.405125	73.8	0.000707	0.00007	0.00002	18	0.9
44.26659	474.5499	402.326528	73.8	0.00071	0.00007	0.00002	18	0.9
44.04334	474.350741	402.14487	73.8	0.000711	0.00007	0.00002	18	1
44.91304	474.151582	417.847945	73.8	0.000709	0.00007	0	18	1
45.29695	474.504493	411.892041	73.8	0.000706	0.00007	0.00001	18	1
45.28147	475.050367	402.219022	73.8	0.000719	0.00007	0	18	1
45.04715	475.596242	402.709238	73.9	0.00072	0.00007	0	18	0.9
45.79884	476.142116	402.1	73.8	0.000722	0.00007	0	18	0.9
46.09769	476.687991	428.925741	73.8	0.000728	0.00006	0	18	0.8
46.91557	477.111379	402.841905	73.8	0.00074	0.00006	0	18	0.8
46.06335	477.532012	402.332021	73.8	0.000742	0.00006	0	18	0.8
46.83084	477.952646	402.367826	73.8	0.00074	0.00006	0	18	0.8
46.51189	478.373279	403.987346	73.8	0.000725	0.00006	0	18	0.8
44.53106	478.771114	424.760699	73.8	0.000701	0.00007	0	18	0.9
43.60559	479.142293	402.606667	73.8	0.000674	0.00007	0	18	0.9
43.99997	479.513472	402.816171	73.9	0.000695	0.00007	0	18	0.9
46.52424	479.884651	402.1	73.8	0.000762	0.00007	0	18	0.9
48.09688	480.25583	424.154844	73.7	0.000778	0.00007	0	18	0.9

247.681223	1	0.58027
206.633188	1	0.58033
165.585153	1	0.58039
126.760151	1	0.58045
122.762676	1	0.58052
118.765201	1	0.58059
114.767726	1	0.58066
110.77025	1	0.58073
108.326041	1	0.5808
109.388063	1	0.58087
110.450085	1	0.58094
111.512107	1	0.58101
112.574129	1	0.58108
116.751836	1	0.58115
123.015335	1	0.58123
129.278834	1	0.5813
135.542333	1	0.58138
141.805832	1	0.58146
135.257665	1	0.58153
128.29963	1	0.5816
121.341596	1	0.58167
114.383562	1	0.58174
110.083521	1	0.58181
110.309255	1	0.58189
110.534989	1	0.58196
110.760722	1	0.58204
110.986456	1	0.58212
112.62419	1	0.5822
114.352052	1	0.58227
116.079914	1	0.58234
117.807775	1	0.58241
118.45278	1	0.58248
116.687555	1	0.58255
114.92233	1	0.58262
113.157105	1	0.58269
111.39188	1	0.58276
111.985226	1	0.58283
113.251583	1	0.5829
114.51794	1	0.58297
115.784297	1	0.58304
116.973445	1	0.58311
116.309582	1	0.58318
115.645718	1	0.58325
114.981854	1	0.58332
114.317991	1	0.58339
113.307027	1	0.58346
111.976945	1	0.58353
110.646863	1	0.5836
109.316781	1	0.58367
108.004211	1	0.58374
108.425353	1	0.58381
108.846494	1	0.58388
109.267635	1	0.58395
109.688777	1	0.58401
110.29247	1	0.58407
111.413043	1	0.58413
112.533617	1	0.58419
113.654191	1	0.58425
114.774765	1	0.58432
114.138452	1	0.58439
113.060168	1	0.58446
111.981885	1	0.58453
110.903601	1	0.5846

10:18:22.593	192.5	76.2	1904
10:18:23.593	192.3	77.7	1901
10:18:24.593	192.2	78.7	1903
10:18:25.593	192.1	77.7	1906
10:18:26.593	191.9	33.5	1900
10:18:27.593	191.8	4.5	1878
10:18:28.593	191.7	3.4	1851
10:18:29.593	191.6	34.3	1832
10:18:30.593	191.4	52.2	1812
10:18:31.593	191.3	46.3	1801
10:18:32.593	191.2	57.3	1791
10:18:33.593	191	89.3	1787
10:18:34.593	190.9	88.4	1794
10:18:35.593	190.8	88.2	1811
10:18:36.593	190.6	82.3	1825
10:18:37.593	190.5	77.7	1840
10:18:38.593		30.7	1834
10:18:39.593		23.1	1822
10:18:40.593		30.6	1803
10:18:41.593		35.8	1789
10:18:42.593		66.6	1778
10:18:43.593		86.5	1780
10:18:44.593		58.9	1786
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10:18:46.593		0	1763
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10:18:49.593	190.4	0	1694
10:18:50.593	190.4	3.1	1675
10:18:51.593	190.4	1.9	1655
10:18:52.593	190.4	0.1	1632
10:18:53.593	190.4	13.7	1616
10:18:54.593	190.4	73.9	1612
10:18:55.593	190.4	90.3	1621
10:18:56.593	190.4	71	1632
10:18:57.593	190.4	25.2	1634
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10:18:59.593	190.4	0	1595
10:19:00.593	190.4	0.6	1576
10:19:01.593	190.4	16.9	1559
10:19:02.593	190.4	57.4	1552
10:19:03.593	190.4	86.3	1554
10:19:04.593	190.4	92.4	1578
10:19:05.593	190.4	86.9	1599
10:19:06.593	190.4	84.8	1621
10:19:07.593		47.3	1633
10:19:08.593		54.9	1630
10:19:09.593		62.7	1624
10:19:10.593		65.9	1627
10:19:11.593		75.5	1623
10:19:12.593		71.9	1628
10:19:13.593		55.3	1630
10:19:14.593	192.5	55	1626
10:19:15.593	192.7	56	1618
10:19:16.593	193	75	1614
10:19:17.593	193.3	87.5	1622
10:19:18.593	193.5	87	1629
10:19:19.593	193.8	76.2	1637
10:19:20.593	194.1	74.9	1647
10:19:21.593	194.3	73.5	1651
10:19:22.593	194.6	76.3	1653
10:19:23.593	194.8	79.9	1651
10:19:24.593	195.1	86.2	1658

47.30672	480.129043	404.540572	73.6	0.000755	0.00007	0	18	0.9
46.69544	479.934994	402.204211	73.6	0.000737	0.00007	0	18	0.9
47.16937	479.740944	402.9	73.6	0.000744	0.00006	0	18	0.8
46.83261	479.546895	402.278302	73.6	0.000744	0.00006	0	18	0.8
42.64671	473.174515	436.653269	73.6	0.000655	0.00006	0	18	0.8
30.96715	447.555233	401.559203	73.6	0.000337	0.00004	0	18	0.8
25.85163	421.935952	401.656483	73.6	0.000173	0.00004	0	18	0.9
23.0096	396.31667	402.079972	73.4	0.000081	0.00003	0	18	0.9
27.93385	370.697389	396.75586	72.5	0.000114	0.00004	0	18	0.9
27.54234	378.905424	397.466032	71.4	0.0002	0.00004	0.00001	18	0.8
27.79295	397.678946	400.487629	70.7	0.000258	0.00004	0.00004	18	0.9
55.53944	416.452468	399.97929	70.2	0.000639	0.00008	0.0001	18	0.9
64.39574	435.225991	401.041063	69.7	0.000984	0.0001	0.00014	18	0.9
63.87909	447.765975	422.128719	69.2	0.00106	0.0001	0.00005	18	0.9
67.82567	441.096485	401.646179	69.1	0.001144	0.0001	0.00003	18	0.9
68.94175	434.426996	401.537741	69.5	0.001103	0.0001	0	18	0.9
37.81751	427.757506	401.271156	69.7	0.000472	0.00006	0	18	0.9
19.88432	421.088016	401.584521	70.3	0.000212	0.00004	0	18	1
22.91551	419.414859	404.574521	71.1	0.000146	0.00004	0.00001	18	0.9
22.12219	422.316889	399.849702	71	0.000147	0.00004	0.00002	18	1
34.94601	425.218918	399.7	70.4	0.00025	0.00005	0.00004	18	0.9
48.18612	428.120947	399.333987	69.7	0.000577	0.00007	0.00007	18	0.9
54.78157	431.022976	410.128947	69.1	0.00075	0.00007	0.00008	18	0.8
29.7235	407.495147	398.9	68.8	0.000427	0.00005	0.00002	18	0.8
25.19443	382.250362	398.824573	68.8	0.000255	0.00004	0.00002	18	0.8
43.76216	357.005577	397.86166	69.1	0.000152	0.00006	0.00004	18	0.9
43.62292	331.760792	397.4	68.8	0.000063	0.00006	0.00004	18	0.9
44.4577	309.783313	359.101961	68	0.000038	0.00006	0.00004	18	0.9
35.36203	298.095813	396.291568	67.2	0.000023	0.00005	0.00003	18	0.9
19.81848	286.408313	395.34456	66.3	0.000015	0.00003	0.00002	18	1
16.86841	274.720813	394.369759	65.4	0.000022	0.00004	0.00003	18	1
25.19545	263.033313	394.103686	64.6	0.000039	0.00004	0.00002	18	1
42.60132	265.2295	350.348553	63.8	0.0002	0.00007	0.00004	18	1
55.89032	285.024284	393.006674	63	0.000699	0.00008	0.00005	18	0.9
43.17095	304.819068	392.087871	62.3	0.00066	0.00007	0.00005	18	0.9
23.25537	324.613852	391.820952	62.3	0.000343	0.00004	0.00002	18	0.9
21.55882	344.408636	383.237134	62.7	0.000261	0.00005	0.00002	18	0.9
37.78616	344.430203	385.739689	63.1	0.000169	0.00006	0.00002	18	1
40.69297	338.309893	388.944121	63	0.000051	0.00005	0.00003	18	1
18.31137	332.189583	388.527679	62.3	0.000024	0.00003	0.00001	18	1
27.98497	326.069273	387.654123	61.5	0.000118	0.00005	0.00003	18	1
49.596	319.948962	362.894306	60.8	0.000518	0.00007	0.00006	18	0.8
61.96175	348.083311	386.330024	60.2	0.000932	0.00009	0.0001	18	0.9
61.79208	376.493907	384.504545	59.9	0.001096	0.00012	0.00013	18	1.2
61.62294	404.904503	382.367511	60.2	0.001044	0.00012	0.00007	18	1.2
36.81391	433.315099	381.265465	61	0.000577	0.00008	0.00001	18	1.2
24.82284	446.034997	399.836979	61.9	0.000381	0.00006	0	18	1.2
26.35971	440.483042	377.669686	62.8	0.000341	0.00006	0.00001	18	1.2
25.90705	434.931087	377.096335	63.2	0.000339	0.00005	0.00003	18.7	1.1
31.0536	429.379132	375.947703	63.1	0.000415	0.00006	0.00006	19	1.1
41.34048	423.827176	387.30447	62.9	0.000567	0.00007	0.0001	18.3	1.1
28.3877	419.237657	372.667586	62.8	0.000473	0.00005	0.00006	18.7	1
23.3311	414.841086	371.484783	62.8	0.000349	0.00004	0.00003	19	1
23.97022	410.444515	369.666567	63	0.000335	0.00004	0.00003	19	1
30.06048	406.047945	368.783936	63	0.000404	0.00005	0.00006	19	1
49.40645	405.803056	382.489354	62.8	0.000685	0.00008	0.00009	19	1
50.90502	416.025082	366.035379	62.6	0.000854	0.00008	0.0001	19	1
43.89551	426.247109	363.618856	62.5	0.00074	0.00007	0.00006	19	1
39.08023	436.469136	362.240346	62.7	0.000628	0.00007	0.00002	19	1
36.00567	446.691163	379.778238	62.8	0.000567	0.00006	0	19	1
34.6897	448.765579	373.3045	63.2	0.000529	0.00006	0	19	1
35	447.902421	358.525452	63.7	0.000545	0.00006	0	19	1
43.51792	447.039263	358.072727	63.9	0.000662	0.00007	0	19	1

110.347565	1	0.58467
112.493027	1	0.58474
114.63849	1	0.5848
116.783952	1	0.58486
118.929414	1	0.58492
118.876933	1	0.58496
116.635284	1	0.585
114.393634	0	0.58503
112.151984	0	0.58507
111.504843	0	0.58511
149.125929	0	0.58515
186.747015	0	0.58523
224.368101	0	0.58533
261.989187	1	0.58543
256.113371	1	0.58553
221.360246	1	0.58563
186.60712	1	0.58569
151.853994	1	0.58573
117.100869	1	0.58577
144.783784	1	0.58581
180.81982	1	0.58586
216.855856	1	0.58593
252.891892	1	0.586
268.309493	1	0.58605
210.625372	1	0.58609
152.941252	1	0.58615
95.257131	1	0.58621
37.57301	1	0.58627
18.913786	1	0.58632
35.990004	0	0.58635
53.066222	0	0.58639
70.142441	0	0.58643
87.218659	0	0.5865
84.182244	0	0.58658
73.32425	0	0.58665
62.466255	0	0.58669
51.608261	1	0.58674
42.845977	1	0.5868
123.105826	1	0.58685
203.365675	1	0.58688
283.625524	1	0.58693
363.885373	1	0.587
414.658396	1	0.58709
377.440851	1	0.58721
340.223305	1	0.58733
303.00576	1	0.58741
265.788214	1	0.58747
241.402729	1	0.58753
221.596391	1	0.58758
201.790053	1	0.58764
181.983715	1	0.58771
164.713887	1	0.58776
158.050086	1	0.5878
151.386285	1	0.58784
144.722485	1	0.58789
138.058684	1	0.58797
139.982895	1	0.58805
149.193421	1	0.58812
158.403947	1	0.58819
167.614474	1	0.58825
176.825	1	0.58831
163.536106	1	0.58837
149.811444	1	0.58844

10:19:25.593	195.4	71.3	1662
10:19:26.593	195.6	75.3	1663
10:19:27.593	195.9	86	1670
10:19:28.593	196.2	78	1678
10:19:29.593	196.4	78.3	1685
10:19:30.593	196.7	79.2	1691
10:19:31.593	196.9	82.6	1695
10:19:32.593	197.2	88.6	1702
10:19:33.593	197.5	83.5	1712
10:19:34.593		76.6	1719
10:19:35.593		59.7	1721
10:19:36.593		41.2	1717
10:19:37.593		33	1703
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10:19:40.593		83.4	1683
10:19:41.593		87.6	1699
10:19:42.593	197	85.9	1726
10:19:43.593	197	82.7	1755
10:19:44.593	196.9	79.3	1784
10:19:45.593	196.9	74.9	1814
10:19:46.593	196.8	75.6	1837
10:19:47.593	196.7	76.4	1861
10:19:48.593	196.7	75.4	1884
10:19:49.593	196.6	77.5	1899
10:19:50.593	196.5	80.2	1914
10:19:51.593	196.5	81.1	1925
10:19:52.593	196.4	83.4	1932
10:19:53.593	196.3	82.2	1939
10:19:54.593	196.3	79.2	1946
10:19:55.593	196.2	78.4	1950
10:19:56.593	196.1	43.2	1944
10:19:57.593	196.1	32.8	1925
10:19:58.593	196	45.4	1912
10:19:59.593	195.9	47	1895
10:20:00.593	195.9	45.9	1873
10:20:01.593	195.8	59.4	1863
10:20:02.593		70.1	1855
10:20:03.593		86.7	1855
10:20:04.593		88.4	1860
10:20:05.593		81	1868
10:20:06.593		74.4	1874
10:20:07.593		77.7	1878
10:20:08.593		77.7	1881
10:20:09.593	195.3	74.5	1883
10:20:10.593	195.2	73.5	1882
10:20:11.593	195.2	79.7	1881
10:20:12.593	195.1	78.6	1881
10:20:13.593	195	76.8	1875
10:20:14.593	195	78.2	1870
10:20:15.593	194.9	98	1865
10:20:16.593	194.8	87.2	1879
10:20:17.593	194.8	83	1901
10:20:18.593	194.7	77.4	1921
10:20:19.593	194.6	75.7	1930
10:20:20.593	194.6	71.7	1931
10:20:21.593	194.5	78	1925
10:20:22.593	194.4	76.2	1916
10:20:23.593	194.4	69.9	1904
10:20:24.593	194.3	82.7	1891
10:20:25.593	194.2	81.6	1880
10:20:26.593	194.2	81.9	1876
10:20:27.593	194.1	80.6	1875

36.07021	446.176105	356.498725	64	0.000573	0.00006	0	19	1
38.34542	445.312947	387.791271	64	0.000615	0.00007	0.00002	19	1
49.14654	450.434373	356.068274	64.2	0.000735	0.00008	0.00002	19	1
41.87961	455.646934	355.192228	64.3	0.000722	0.00007	0.00002	19	1
41.29435	460.859496	354.5	64.5	0.000682	0.00007	0.00002	19	1
42.01413	466.072057	355.094799	64.8	0.000674	0.00007	0	19	1
41.69058	469.881659	400.189088	65	0.000677	0.00007	0	19	1
46.11052	470.479223	355.005207	65.2	0.000758	0.00007	0	19	0.9
48.85201	471.076787	355.3	65.4	0.00083	0.00007	0	19	0.9
46.34631	471.674351	356.1	65.7	0.000773	0.00007	0	19	0.9
36.68192	472.271915	397.998495	65.9	0.000566	0.00005	0	19	0.8
23.54	456.631445	357.502586	66.3	0.000407	0.00004	0	19	0.8
25.59798	440.190148	356.8	66.5	0.000319	0.00004	0.00001	19	0.8
24.82148	423.748852	357.327059	66.5	0.000246	0.00004	0.00004	19	0.8
26.45666	407.307555	357.6	66.3	0.000293	0.00004	0.00008	19	0.8
54.25289	404.412334	373.251546	65.9	0.000748	0.00008	0.00017	19	0.8
84.26032	434.046124	360.110714	65.3	0.001306	0.00011	0.00019	19	0.8
84.29567	463.679915	362.634026	65	0.001413	0.00013	0.00013	19	0.9
91.27315	493.313705	364.907143	65.1	0.001492	0.00025	0	19	1.7
96.03038	522.947495	408.112346	65.9	0.001536	0.0004	0	19	2.5
80.16729	528.62915	380.565823	67	0.00134	0.00049	0	19	3.4
79.43774	529.849968	372.282803	68.1	0.00128	0.00036	0	19	2.6
84.81875	531.070786	374.365373	69.2	0.00133	0.0003	0	19	2.2
82.18703	532.291604	375.804731	70.3	0.001259	0.00024	0	19	1.8
70.76327	533.024509	454.804604	71.2	0.001142	0.00013	0	19	1.1
68.29843	531.441229	378.258836	72.1	0.00106	0.00012	0	19	1.1
61.24343	529.857948	379.963939	72.9	0.000998	0.0001	0	19	1
61.29419	528.274668	380.9	73.6	0.000988	0.0001	0	19	1
62.48884	526.691387	382.943925	74.1	0.001034	0.0001	0	19	1
64.18485	518.122457	425.651163	74.5	0.00106	0.00011	0	19	1
60.77989	500.55371	383.223765	74.8	0.001049	0.00011	0	19	1
45.95357	482.984963	383.536629	75.1	0.000553	0.00007	0	19	1
27.98928	465.416216	384.1	75.4	0.00031	0.00006	0	19	1.2
29.33533	447.847468	401.713037	75.6	0.000262	0.00006	0.00001	19	1.1
28.59737	441.303462	386.155716	75.3	0.000269	0.00005	0	19	1
30.10678	436.62915	383.485341	74.6	0.000275	0.00005	0.00001	19	1
34.05005	431.954837	383.736662	74	0.000331	0.00006	0.00005	19	1
38.11769	427.280524	383.934055	73.4	0.000452	0.00006	0.00001	19	1
44.81555	426.885988	401.748458	72.6	0.000652	0.00008	0	19	1.1
60.40041	440.501322	384.438428	72.1	0.000901	0.0001	0	18.3	1.1
55.82272	454.116656	385.453204	71.8	0.00097	0.0001	0.00009	18	1.1
52.80964	467.731989	385.785237	71.8	0.000895	0.0001	0.00007	18	1.1
51.30263	481.347323	400.459433	72.1	0.000827	0.00009	0.00003	18	1.1
49.43185	484.015088	402.003792	72.4	0.000778	0.00009	0.00001	18	1.1
45.41171	481.878524	387.118193	72.6	0.000672	0.00008	0	18	1.1
38.19178	479.74196	387.373134	72.7	0.000585	0.00007	0	18	1
40.70893	477.605396	388	72.9	0.00062	0.00007	0	18	1
42.04953	477.563874	431.59429	72.9	0.000665	0.00007	0	18	1
41.67867	488.943705	387.2	72.8	0.000658	0.00007	0.00002	18	1
42.1809	500.323537	387.647761	72.8	0.00066	0.00007	0.00002	18	1
61.0035	511.703369	388	72.7	0.001147	0.00011	0.00005	18	1
112.66365	523.0832	397.784131	72.9	0.001856	0.00021	0.00011	18	1.1
114.74601	528.721836	421.057399	72.8	0.001826	0.00101	0.00008	18	5.2
99.14071	529.145187	390.710224	72.9	0.00154	0.00143	0	18	8.5
93.19146	529.568538	391.193604	73.1	0.00139	0.00122	0	18	8.1
71.64839	529.991889	391.9	73.6	0.001111	0.00063	0	18	5.2
59.92482	530.212645	448.747394	74.3	0.000924	0.0003	0	18	3.1
56.52455	525.008344	393.4	74.6	0.000899	0.00017	0	18	1.8
44.37591	519.804043	393.4	74.6	0.000696	0.00014	0	18	1.8
44.31638	514.599742	393.4	74.4	0.000681	0.00013	0	18	1.8
45.68253	509.395441	393.4	74	0.000733	0.00013	0	18	1.7
50.39023	505.598779	434.616125	73.5	0.000812	0.00012	0	18	1.5
51.65372	504.041212	394.2	73.1	0.000831	0.00012	0	18	1.4

136.086782	1	0.5885
122.36212	1	0.58857
117.855076	1	0.58865
141.753344	1	0.58872
165.651611	1	0.58879
189.549879	1	0.58886
213.448147	1	0.58893
213.152363	1	0.589
201.679211	1	0.58907
190.206058	1	0.58914
178.732905	1	0.58919
175.535531	1	0.58923
189.448202	1	0.58927
203.360873	1	0.58931
217.273545	1	0.58935
231.186216	1	0.58943
363.931579	1	0.58954
559.545614	1	0.58967
755.159649	1	0.58992
950.773684	1	0.59032
1112.958387	1	0.59081
952.941227	1	0.59117
792.924067	1	0.59147
632.906907	1	0.59171
472.889747	1	0.59184
359.366106	1	0.59196
306.972833	1	0.59206
254.57956	1	0.59216
202.186287	1	0.59226
149.793014	1	0.59237
141.384896	1	0.59248
144.388543	1	0.59255
147.392191	1	0.59261
150.395838	1	0.59267
153.263656	1	0.59272
155.246035	1	0.59277
157.228414	1	0.59283
159.210793	1	0.59289
161.193172	1	0.59297
164.049244	1	0.59307
167.504968	1	0.59317
170.960691	1	0.59327
174.416415	1	0.59336
177.872138	1	0.59345
164.799326	1	0.59353
151.091461	1	0.5936
137.383596	1	0.59367
123.67573	1	0.59374
275.777778	1	0.59381
585.286117	1	0.59388
894.794455	1	0.59399
1204.302794	1	0.5942
1513.811133	1	0.59521
1286.872501	1	0.59664
997.667703	1	0.59786
708.462905	1	0.59849
419.258108	1	0.59879
237.596876	1	0.59896
221.345293	1	0.5991
205.09371	1	0.59923
188.842127	1	0.59936
172.590545	1	0.59948
166.858925	1	0.5996

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10:20:42.593	191.4	78.8	1896
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10:20:45.593	190.8	51.4	1896
10:20:46.593	190.6	61.4	1885
10:20:47.593	190.4	70.6	1878
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10:20:55.593	188.9	67.7	1884
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10:21:11.593	191.5	73.6	1889
10:21:12.593	191.7	71.3	1890
10:21:13.593	191.9	69.2	1887
10:21:14.593	192.1	65.2	1882
10:21:15.593	192.3	59.3	1877
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10:21:19.593	193.1	85	1862
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10:21:21.593	193.5	75.3	1873
10:21:22.593	193.7	72.1	1876
10:21:23.593	193.9	72.5	1875
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10:21:27.593		79	1903
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10:21:29.593		76	1956
10:21:30.593		75.2	1978

48.58986	502.483646	394.807792	72.8	0.000797	0.00011	0	18	1.3
48.16667	500.926079	395	72.6	0.000769	0.0001	0	18	1.2
46.99182	499.368512	409.645753	72.7	0.000728	0.0001	0	18	1.2
46.39445	495.701413	411.06	72.8	0.00073	0.00009	0	18	1.2
46.884	490.821749	395.7	72.9	0.00073	0.00009	0	18	1.2
41.68701	485.942084	396.343235	73.1	0.000653	0.00008	0	18	1.1
38.58311	481.06242	396.198491	73.2	0.00056	0.00007	0	18	1.1
36.73683	473.587265	433.099689	73.5	0.0005	0.00006	0.00001	18	1.1
30.15168	444.221838	396.006383	73.8	0.000412	0.00006	0.00004	18	1.1
41.98547	414.856411	396.6	74.2	0.000239	0.00007	0.00007	18	1.1
29.27746	385.490985	396.6	74.3	0.0001	0.00006	0.00006	18	1.2
23.3962	356.125558	393.035853	74.4	0.000061	0.00005	0.00004	18	1.2
38.45662	352.660178	384.449411	74.1	0.000171	0.00006	0.00005	18	1.1
47.6902	371.615733	396.6	73.6	0.000434	0.00008	0.00009	18	1
48.24775	390.571289	397.192904	73.2	0.000625	0.00008	0.00008	18	1
45.56012	409.526844	397.430476	73.2	0.000662	0.00008	0.00006	18	1
40.67345	427.762855	410.434119	73.3	0.00058	0.00007	0.00003	18	1
31.59737	426.731059	398.9	73.4	0.00044	0.00005	0.00002	18	1
33.15297	425.699263	399.105534	73.5	0.000432	0.00005	0.00004	18	1
37.01456	424.667467	399.154147	73.4	0.000486	0.00006	0.00008	18	1
36.07052	423.635671	399.590791	73.2	0.000515	0.00006	0.00011	18	1
36.91431	425.900258	409.541969	72.8	0.000524	0.00006	0.00006	18	1
35.82327	436.354119	399.7	72.6	0.000527	0.00006	0.00002	18	1
45.42334	446.80798	399.7	72.6	0.000646	0.00007	0	18	1
53.1855	457.261841	400.454557	72.4	0.000903	0.00009	0.00003	18	1
65.27061	467.715702	410.889538	72.1	0.001028	0.0001	0.00003	18	1
58.55973	470.974537	414.778409	71.9	0.00099	0.0001	0.00001	18	1
48.20693	470.150927	400.5	72.1	0.000783	0.00009	0	18	1
43.29122	469.327316	400.5	72.4	0.000653	0.00007	0	18	1
39.19969	468.503706	400.5	72.7	0.000615	0.00007	0	18	1
42.86545	468.996776	429.641463	72.9	0.000687	0.00007	0	18	1
44.89445	473.104549	399.424918	73	0.000719	0.00007	0	18	1
44.33419	477.212323	398.534342	72.9	0.00071	0.00007	0	18	1
46.37366	481.320097	398.2	72.8	0.000748	0.00008	0	18	1
56.46919	485.427871	416.805639	72.9	0.000931	0.00009	0	18	1
59.29969	482.476521	408.402628	73	0.000986	0.0001	0	18	1
59.41837	477.032029	395.819478	73.1	0.000996	0.0001	0	18	1
45.23179	471.587537	395	73.2	0.000695	0.00007	0	18	0.9
35.11084	466.143046	394.578287	73.5	0.00048	0.00006	0	18	0.9
36.45393	460.885836	421.93844	73.8	0.00049	0.00006	0	18	0.9
36.96311	460.50302	392.7	73.8	0.000523	0.00006	0	18	1
40.77086	460.120204	392.061435	73.6	0.000597	0.00007	0.00003	18	1
40.71657	459.737388	391.711765	73.4	0.00061	0.00007	0.00004	18	1
38.33608	459.354573	391.9	73.3	0.000585	0.00006	0.00004	18	1
38.72186	456.863714	415.771586	73.2	0.00058	0.00006	0.00004	18	1
37.59203	450.188235	389.984535	73.2	0.000565	0.00006	0.00004	18	1
33.69451	443.512756	389.6	73.2	0.000506	0.00006	0.00005	18	1
31.67239	436.837277	389.399677	73.1	0.000459	0.00005	0.00006	18	1
31.24108	430.161798	397.364353	73	0.000428	0.00005	0.00008	18	1
32.82656	432.604548	389.969735	72.8	0.00045	0.00005	0.0001	18	0.9
37.05372	437.38413	388.593017	72.6	0.000524	0.00005	0.00013	18	0.8
45.02533	442.163712	388	72.4	0.000701	0.00006	0.00016	18	0.8
49.9703	446.943295	388	72.1	0.000806	0.00007	0.00012	18	0.8
47.12584	449.484375	405.89322	72	0.000765	0.00007	0.00006	18	0.9
43.19797	449.657986	388.407299	72.2	0.000687	0.00006	0.00003	18	0.8
40.23804	449.831597	388.149738	72.4	0.00061	0.00006	0.00002	18	0.8
37.90239	450.005208	388.7	72.5	0.000561	0.00005	0.00002	18	0.8
38.77334	450.178819	405.46371	72.6	0.000625	0.00006	0.00002	18	0.9
87.06797	465.238106	390.399342	72.6	0.001339	0.00012	0.00012	18	0.9
107.19109	482.365789	389.824041	72.6	0.001628	0.00015	0.00025	18	0.9
95.99662	499.493472	390.4	72.6	0.001501	0.00031	0.00013	18	1.9
95.92864	516.621155	391.022835	73	0.001471	0.00038	0.00002	18	2.4
93.62413	519.811261	441.984013	73.7	0.00145	0.00028	0	18	1.8

166.643871	1	0.59971
166.428817	1	0.59981
166.213763	1	0.59991
165.924703	1	0.6
153.375165	1	0.60009
140.825627	1	0.60017
128.27609	1	0.60024
115.726552	1	0.6003
100.469468	1	0.60036
82.084701	1	0.60043
63.699934	1	0.60049
45.315167	1	0.60054
26.930401	1	0.6006
43.759825	1	0.60068
64.720524	1	0.60076
85.681223	1	0.60084
106.641921	1	0.60091
118.689648	1	0.60096
111.355197	1	0.60101
104.020746	1	0.60107
96.686295	1	0.60113
89.351844	1	0.60119
95.934352	1	0.60125
114.22966	1	0.60132
132.524968	1	0.60141
150.820276	1	0.60151
169.115583	1	0.60161
162.359174	1	0.6017
152.726147	1	0.60177
143.093119	1	0.60184
133.460092	1	0.60191
127.462335	1	0.60198
124.598899	1	0.60205
121.735463	1	0.60213
118.872026	1	0.60222
116.00859	1	0.60232
120.983917	1	0.60242
125.98283	1	0.60249
130.981743	1	0.60255
135.980656	1	0.60261
135.874573	1	0.60267
127.982082	1	0.60274
120.08959	1	0.60281
112.197099	1	0.60287
104.304608	1	0.60293
96.866183	1	0.60299
89.61503	1	0.60305
82.363876	1	0.6031
75.112722	1	0.60315
70.106136	1	0.6032
77.151591	1	0.60325
84.197045	1	0.60331
91.2425	1	0.60338
98.287955	1	0.60345
99.341596	1	0.60351
98.471842	1	0.60357
97.602087	1	0.60362
96.732333	1	0.60368
111.314008	1	0.6038
208.238106	1	0.60395
305.162204	1	0.60426
402.086302	1	0.60464
499.010401	1	0.60492

10:21:31.593	193.5	66.2	1996
10:21:32.593	193.4	76.9	2004
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10:21:34.593	193.3	26.3	1968
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10:21:36.593	193.2	61.5	1950
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10:21:39.593	193	51.4	1920
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10:21:42.593	192.8	73.2	1889
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10:21:47.593	192.4	74.2	1876
10:21:48.593	192.4	68.1	1873
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10:21:52.593		82.9	1879
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10:21:54.593		80.6	1895
10:21:55.593		81.5	1903
10:21:56.593		72.8	1911
10:21:57.593		71	1913
10:21:58.593		73.5	1913
10:21:59.593	192.2	79.9	1914
10:22:00.593	192.2	80.7	1916
10:22:01.593	192.2	83.1	1918
10:22:02.593	192.2	84.5	1921
10:22:03.593	192.2	80.7	1930
10:22:04.593	192.2	78.5	1936
10:22:05.593	192.2	77.7	1943
10:22:06.593	192.2	79.6	1951
10:22:07.593	192.2	80.4	1960
10:22:08.593	192.2	74.1	1965
10:22:09.593	192.2	71.7	1964
10:22:10.593	192.2	71.9	1967
10:22:11.593	192.2	76.1	1963
10:22:12.593	192.2	77.3	1960
10:22:13.593	192.2	74	1954
10:22:14.593	192.2	73.9	1951
10:22:15.593	192.2	51.6	1943
10:22:16.593	192.2	0	1919
10:22:17.593	192.2	15.5	1892
10:22:18.593	192.2	70.6	1877
10:22:19.593		82.3	1871
10:22:20.593		81.8	1875
10:22:21.593		80	1882
10:22:22.593		81.1	1886
10:22:23.593		80.9	1889
10:22:24.593		79.2	1893
10:22:25.593		79.2	1893
10:22:26.593	192.2	77.7	1894
10:22:27.593	192.2	77.6	1896
10:22:28.593	192.2	76.9	1896
10:22:29.593	192.2	78.7	1896
10:22:30.593	192.2	80.4	1896
10:22:31.593	192.2	78.6	1895
10:22:32.593	192.2	78	1894
10:22:33.593	192.2	76.6	1897

74.20067	498.115609	392.279676	74.1	0.00109	0.00019	0	18	1.6
53.63095	476.419957	392.7	75	0.000803	0.00016	0	18	1.7
36.73163	454.724304	392.7	76.5	0.000393	0.00008	0	18	1.3
34.08986	433.028652	400.226944	77.2	0.000251	0.00006	0.00001	18	1.2
40.43688	425.9025	395.773421	77.4	0.000335	0.00007	0.00004	18	1.1
38.29711	423.4025	391.9	76.8	0.000462	0.00007	0.00005	18	1.1
36.98377	420.9025	391.1	76.2	0.000452	0.00006	0.00001	18	1.1
28.38993	418.4025	391.1	75.8	0.000415	0.00006	0	18.7	1.1
29.37189	416.783168	403.595724	75.5	0.000374	0.00005	0	18.3	1
29.70795	419.821961	391.1	75.2	0.00035	0.00005	0.00001	18	1
34.10462	422.860754	390.741923	74.8	0.000396	0.00006	0.00002	18	1
38.72472	425.899547	390.4	74.3	0.000513	0.00007	0	18	1
42.78199	428.938341	391.083279	73.7	0.000614	0.00007	0	18	1
43.3571	432.519362	400.360677	73.3	0.000659	0.00007	0	18.7	1
40.13799	436.60291	391.1	73.1	0.000638	0.00007	0	19	1
39.95899	440.686459	390.4	73	0.000625	0.00007	0	19	1
38.50534	444.770007	390.4	72.9	0.000612	0.00007	0.00001	19	1
37.96474	449.564293	415.050789	72.7	0.000577	0.00006	0.00002	19	1
34.72384	456.40264	390.4	72.6	0.000528	0.00006	0.00002	19	1
40.84286	463.240987	389.818398	72.6	0.000667	0.00007	0.00005	19	0.9
65.95579	470.079333	389.6	72.5	0.000914	0.00008	0.00009	19	0.9
60.70937	476.91768	401.913296	72.3	0.001042	0.00009	0.00009	19	0.9
61.07217	480.679525	403.435465	72.2	0.001017	0.00009	0.00001	18.3	0.9
60.5246	482.688199	389.565939	72.4	0.000982	0.00009	0	18.7	0.9
58.25729	484.696873	389.162273	72.8	0.000951	0.0001	0	19	1
53.91638	486.705547	388.951274	73.4	0.000906	0.00009	0	19	1
47.22674	488.107738	433.025769	73.6	0.000757	0.00008	0	19	1
41.03097	487.747339	387.742519	73.7	0.00061	0.00007	0	19	1
39.06328	487.386941	387.2	73.9	0.000617	0.00007	0	19	1.1
41.49368	487.026542	386.464465	74.1	0.000672	0.00008	0	19	1.1
48.90515	486.666144	393.281875	74.1	0.000789	0.00009	0	19	1.1
58.2778	487.844846	408.554485	74.1	0.000961	0.0001	0	19	1.1
61.73847	490.339921	385.880021	74.2	0.00101	0.00011	0	19	1.1
59.5487	492.834997	385.772197	74.5	0.00099	0.00011	0	19	1.1
58.77085	495.330072	386.4	74.7	0.000944	0.0001	0	19	1
57.85462	497.825148	425.531066	75	0.000911	0.00009	0	19	1
57.95832	493.89442	385.7325	75.3	0.000926	0.0001	0	19	1
55.34899	489.764955	386.216951	75.6	0.000866	0.00009	0	19	1
47.5788	485.635491	386.180564	75.9	0.000742	0.00008	0	19	1
43.98387	481.506027	386.4	76.2	0.000654	0.00007	0	19	1
39.92651	477.319473	413.183544	76.2	0.000582	0.00007	0	18.3	1
39.23726	473.073499	385.7	76.1	0.000606	0.00007	0	18.7	1
40.50364	468.827526	385.7	76.1	0.000636	0.00007	0.00003	18.3	1
40.98476	464.581552	386.4	75.9	0.000628	0.00007	0.00004	18.7	1
37.70149	460.335578	400.172666	75.7	0.00052	0.00006	0.00004	18.3	1
26.7123	454.346139	393.31674	75.5	0.000301	0.00005	0.00004	18.7	1
48.41155	447.641115	386.381579	75.1	0.000151	0.00005	0.00004	18.3	1
40.67244	440.936092	385.7	74.2	0.000194	0.00007	0.00006	18	1
56.98926	434.231069	386.151613	73.1	0.000583	0.00009	0.00008	18	1
61.68866	431.164253	407.532893	72.5	0.000866	0.0001	0.00004	18.7	1
59.07016	443.607692	387.482609	72.4	0.000903	0.0001	0.00002	19	1
53.21662	456.051131	388	72.6	0.000867	0.00009	0	18.3	1
53.18765	468.49457	388.074205	72.9	0.000875	0.00009	0	18	1
53.09527	480.938009	406.746802	73.1	0.000879	0.00009	0	18	1
52.67339	483.656522	399.998701	73.2	0.000855	0.00009	0	18	1
51.93556	483.470186	390.299684	73.3	0.000827	0.00008	0	18	0.9
49.52783	483.283851	390.4	73.3	0.000791	0.00007	0	18	0.9
48.38207	483.097516	390.4	73.4	0.000772	0.00007	0	18	0.9
47.34467	482.91118	422.825272	73.4	0.000753	0.00007	0	18	0.9
48.10267	483.083953	391.015561	73.4	0.00077	0.00007	0	18	0.9
49.30178	483.279648	390.4	73.4	0.000785	0.00007	0	18	0.9
47.65034	483.475342	390.4	73.4	0.000778	0.00007	0	18	0.9
47.57299	483.671037	390.4	73.4	0.000767	0.00007	0	18	0.9

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142.334967	1	0.60679
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146.343875	1	0.60706
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141	1	0.60829
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142.613108	1	0.60946
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151.545651	1	0.60974
150.031155	1	0.60981
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147.002164	1	0.60995

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46.6797	483.732267	425.543271	73.4	0.000751	0.00007	0	18	0.9
47.2246	483.533635	390.4	73.4	0.000741	0.00007	0	18	0.9
46.79699	483.335003	390.4	73.5	0.000744	0.00007	0	18	0.9
46.7808	483.136372	390.4	73.4	0.000744	0.00007	0	18	0.9
46.85297	482.93774	414.102365	73.4	0.000745	0.00007	0	18	0.9
46.35666	482.73978	393.100225	73.4	0.000741	0.00007	0	18	0.9
44.82786	482.541978	389.6	73.4	0.000728	0.00007	0	18	0.9
44.6843	482.344176	389.993423	73.4	0.000719	0.00007	0	18	0.9
45.53186	482.146374	389.770679	73.4	0.000721	0.00007	0	18	0.9
47.33598	481.615141	430.140182	73.4	0.000759	0.00007	0	18	0.9
47.55401	480.134912	389.6	73.3	0.000771	0.00007	0	18	0.9
47.3703	478.654684	389.6	73.3	0.000767	0.00007	0	18	0.9
45.70226	477.174455	389.6	73.4	0.000699	0.00007	0	18	0.9
42.12222	475.694227	395.673014	73.4	0.000657	0.00006	0	18	0.9
41.37163	475.82053	409.908507	73.4	0.000635	0.00006	0	18	0.9
42.37053	477.365784	390.4	73.4	0.000654	0.00006	0	18	0.9
43.69055	478.911038	390.4	73.3	0.000693	0.00006	0	18	0.9
47.03651	480.456291	390.4	73.2	0.000763	0.00007	0	18	0.9
49.28512	482.004023	424.84689	73.2	0.000805	0.00007	0	18	0.9
49.87972	486.02675	391.26987	73.2	0.000802	0.00007	0	18	0.9
51.19196	490.049477	391.9	73.2	0.000812	0.00007	0	18	0.9
55.6792	494.072205	392.7	73.1	0.000959	0.00008	0	18	0.8
62.18189	498.094932	398.759192	73	0.001024	0.00008	0	18	0.8
63.31649	503.003393	412.576549	73	0.001064	0.00008	0	18	0.7
64.9933	508.499887	394.237549	73	0.001071	0.00008	0	18	0.7
67.35173	513.996381	395.7	72.9	0.0011	0.00008	0	18	0.7
71.31432	519.492875	395.7	72.8	0.001188	0.00008	0	18	0.7
72.10654	523.853077	457.993026	72.8	0.001199	0.00009	0	18	0.7
68.96509	523.036835	396.167857	73	0.001137	0.00009	0	18	0.8
63.97049	522.220594	397.4	73.1	0.001046	0.00009	0	18	0.8
59.19786	521.404353	397.4	73.2	0.00095	0.00008	0	18	0.8
53.88852	520.588112	398.089892	73.3	0.000934	0.00008	0	18	0.8
54.77493	517.262876	437.168033	73.4	0.000916	0.00008	0	18	0.8
49.00906	510.205354	398.2	73.5	0.0008	0.00007	0	18	0.8
43.34879	503.147832	397.445441	73.6	0.000666	0.00006	0	18	0.8
39.74069	496.09031	398.2	73.7	0.000579	0.00005	0	18	0.8
37.5508	489.032788	423.285404	73.8	0.000553	0.00005	0	18	0.8
34.64225	477.460923	401.576455	73.8	0.000522	0.00005	0	18	0.8
32.89629	465.285099	397.286008	73.8	0.000481	0.00004	0	18	0.8
31.14401	453.109275	396.6	73.9	0.000438	0.00004	0.00001	18	0.7
29.83785	440.933451	396.6	73.9	0.000403	0.00004	0.00004	18	0.7
29.81108	433.353826	410.201156	73.9	0.000386	0.00004	0.00005	18	0.7
30.85576	435.021975	396.023231	73.8	0.000393	0.00004	0.00008	18	0.7
36.15585	436.690125	395.7	73.7	0.000449	0.00004	0.00009	18	0.7
40.251	438.358274	395.7	73.5	0.00057	0.00005	0.00008	18	0.7
44.13276	440.026423	408.09892	73.4	0.000673	0.00005	0.00003	18	0.7
50.78212	448.408361	397.219392	73.2	0.000805	0.00006	0.00001	18	0.7
54.73958	458.107358	396.6	73.1	0.000908	0.00006	0	18	0.7
56.58	467.806355	396.6	73	0.000963	0.00008	0	18	0.8
57.20052	477.505351	396.6	73.1	0.000948	0.00008	0	18	0.8
53.46447	483.999474	429.356771	73.2	0.000858	0.00007	0	18	0.8
51.30817	484.567775	396.958855	73.2	0.000798	0.00007	0	18	0.8
51.12845	485.136077	397.4	73.3	0.000798	0.00007	0	18	0.8
52.80915	485.704378	397.4	73.3	0.000842	0.00007	0	18	0.8
49.89968	486.272679	408.198851	73.4	0.00083	0.00006	0	18	0.7
48.07068	486.614455	413.250363	73.4	0.000768	0.00006	0	18	0.7
46.42022	486.805214	397.4	73.5	0.000717	0.00006	0	18	0.7
46.20883	486.995973	397.4	73.5	0.000712	0.00005	0	18	0.7
47.55258	487.186732	397.05963	73.4	0.000765	0.00006	0	18	0.7
49.03819	487.37749	425.20988	73.4	0.000778	0.00006	0	18	0.7
46.53499	485.72	399.571316	73.4	0.000736	0.00006	0	18	0.7
43.28417	483.815238	396.819588	73.5	0.000669	0.00005	0	18	0.7
41.71307	481.910476	396.942408	73.5	0.000631	0.00005	0	18	0.7

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10:24:03.593	192.2	78.4	1895
10:24:04.593	192.2	77	1897
10:24:05.593	192.2	79.4	1897
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10:24:07.593	192.2	79.1	1895
10:24:08.593	192.2	77.4	1896
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10:24:12.593		80.1	1897
10:24:13.593		80.4	1893
10:24:14.593		78.6	1892
10:24:15.593		77.9	1895
10:24:16.593		77.1	1895
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42.55546	480.005714	397.23943	73.4	0.000654	0.00005	0	18	0.7
44.84813	478.784431	432.654475	73.4	0.000736	0.00005	0	18	0.7
48.94462	479.488364	396.6	73.4	0.000799	0.00006	0	18	0.7
50.09091	480.192298	396.6	73.3	0.000814	0.00007	0	18	0.8
48.0889	480.896232	396.6	73.2	0.000775	0.00007	0	18	0.8
47.70792	481.600166	396.775239	73.3	0.00074	0.00006	0	18	0.8
46.11015	481.757513	422.194845	73.4	0.000719	0.00006	0	18	0.8
45.79671	481.1962	396.6	73.4	0.000716	0.00006	0	18	0.8
45.96232	480.634888	395.72511	73.4	0.000732	0.00006	0	18	0.8
45.35869	480.073575	396.6	73.4	0.000717	0.00006	0	18	0.8
44.15	479.512263	414.222535	73.4	0.000697	0.00007	0	18	0.9
44.02096	480.274685	404.488235	73.4	0.000691	0.00006	0	18	0.8
43.70997	481.36804	396.6	73.4	0.000678	0.00006	0	18	0.9
45.35375	482.461396	395.7	73.4	0.000719	0.00007	0	18	0.9
48.68672	483.554752	396.184698	73.3	0.000791	0.00007	0	18	0.9
48.83267	484.609248	433.477915	73.2	0.00082	0.00008	0	18	0.9
49.06793	484.81943	396.780465	73.2	0.000804	0.00008	0	18	0.9
48.50352	485.029612	397.4	73.3	0.000775	0.00007	0	18	0.9
48.90196	485.239794	397.4	73.3	0.00078	0.00007	0	18	0.9
48.33165	485.449977	414.213449	73.3	0.000769	0.00007	0	18	0.9
47.98671	484.932553	407.548307	73.3	0.000756	0.00007	0	18	0.9
46.54741	484.187872	398.2	73.3	0.000742	0.00008	0	18	1
45.81897	483.443191	398.2	73.4	0.000722	0.00008	0	18	1
45.26345	482.698511	398.522887	73.4	0.000719	0.00008	0	18	1
44.98514	482.011515	433.696517	73.4	0.000701	0.00007	0	18	1
45.31254	482.197235	399.003088	73.4	0.000727	0.00008	0	18	1
46.18948	482.382955	399.7	73.3	0.000744	0.00008	0	18	1
45.925	482.568675	399.271875	73.3	0.000743	0.00007	0	18	0.9
46.69945	482.754395	399.497445	73.3	0.000749	0.00007	0	18	0.9
47.94255	482.82276	438.491688	73.3	0.000766	0.00007	0	18	0.9
49.7328	482.465166	400.5	73.3	0.000801	0.00007	0	18	0.9
49.31835	482.107573	400.5	73.3	0.000796	0.00007	0	18	0.9
47.94271	481.749979	400.5	73.4	0.000766	0.00007	0	18	0.9
44.48899	481.392385	401.247335	73.4	0.000704	0.00007	0	18	0.9
43.90739	481.373454	425.477532	73.4	0.00067	0.00007	0	18	0.9
44.40533	481.748896	401.3	73.4	0.000694	0.00007	0	18	0.9
47.01616	482.124337	401.3	73.4	0.000749	0.00007	0	18	0.9
47.73615	482.499779	401.551491	73.4	0.000773	0.00007	0	18	0.9
47.0489	482.875221	429.439178	73.3	0.000762	0.00007	0	18	0.9
46.64967	480.914073	403.42962	73.3	0.000743	0.00007	0	18	0.9
44.58791	478.787812	402.1	73.3	0.000706	0.00007	0	18	0.9
41.53895	476.661552	402.1	73.3	0.00065	0.00006	0	18	0.9
40.57369	474.535292	402.1	73.4	0.000616	0.00005	0	18	0.8
39.18545	472.375775	428.231558	73.5	0.000595	0.00005	0	18	0.8
39.62573	470.160118	401.698148	73.5	0.000598	0.00005	0	18	0.8
39.86648	467.944461	401.984685	73.5	0.000605	0.00005	0	18	0.8
39.50913	465.728804	401.40592	73.5	0.000618	0.00005	0.00002	18	0.8
39.70467	463.513146	410.252843	73.5	0.000613	0.00005	0.00002	18	0.8
39.17639	462.815881	412.242616	73.5	0.000611	0.00005	0.00002	18	0.8
40.50597	462.998947	402.1	73.5	0.000617	0.00005	0	18	0.8
41.338	463.182014	402.1	73.5	0.000645	0.00006	0	18	0.8
41.57336	463.36508	401.5848	73.4	0.000655	0.00006	0	18	0.8
41.37136	463.952863	429.235	73.4	0.000657	0.00006	0	18	0.8
41.67873	465.674774	402.631042	73.4	0.000664	0.00006	0	18	0.8
43.17231	467.396685	402.1	73.3	0.000694	0.00006	0	18	0.8
44.19999	469.118597	402.1	73.3	0.000711	0.00006	0	18	0.8
44.90063	470.840508	411.386594	73.3	0.000722	0.00006	0	18	0.8
45.52942	472.556186	414.035994	73.3	0.000729	0.00006	0	18	0.8
46.02669	474.267996	402.1	73.2	0.00075	0.00006	0	18	0.8
47.62837	475.979805	402.749148	73.3	0.000751	0.00006	0	18	0.8
48.12116	477.691614	402.414151	73.3	0.000772	0.00006	0	18	0.8
47.58418	479.400738	431.751089	73.2	0.000775	0.00006	0	18	0.7
47.77001	479.769818	402.9	73.2	0.000758	0.00006	0	18	0.7

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93.473118	1	0.61724
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85.919358	1	0.61758
87.677214	1	0.61764
89.435069	1	0.6177
91.192925	1	0.61776
92.95078	1	0.61782
97.85051	1	0.61788
102.840746	1	0.61794
107.830983	1	0.618
112.821219	1	0.61806
117.043746	1	0.61812

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10:25:20.593	194.7	78.3	1863
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10:25:22.593	194.6	86.5	1862
10:25:23.593	194.5	78.9	1864
10:25:24.593	194.5	77.6	1868
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10:25:26.593	194.3	75.4	1879
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10:25:38.593		75.7	1857
10:25:39.593	193.5	80.7	1855
10:25:40.593	193.4	78.5	1854
10:25:41.593	193.3	76.9	1851
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47.27429	480.138897	402.9	73.3	0.000743	0.00006	0	18	0.7
46.72708	480.507976	402.9	73.3	0.000727	0.00006	0	18	0.7
46.6157	480.877056	402.9	73.3	0.000751	0.00006	0	18	0.7
48.36466	481.293571	440.065685	73.3	0.000758	0.00006	0	18.7	0.7
49.55629	482.04214	402.650638	73.3	0.000783	0.00006	0	19	0.7
51.50957	482.790709	402.522123	73.2	0.000836	0.00006	0	19	0.7
50.9345	483.539278	402.9	73.2	0.00084	0.00006	0	19	0.7
49.75063	484.287847	405.565385	73.2	0.000792	0.00006	0	19	0.7
48.46894	484.951129	421.306477	73.2	0.000762	0.00006	0	19	0.7
44.66547	485.553409	402.1	73.3	0.000707	0.00006	0	19	0.7
45.70897	486.155689	402.1	73.3	0.000701	0.00005	0	19	0.7
47.11512	486.757969	402.1	73.4	0.000752	0.00006	0	19	0.7
48.41846	487.36025	431.608872	73.3	0.000789	0.00006	0	19	0.7
48.72118	486.996407	402.01234	73.3	0.000796	0.00006	0	19	0.7
49.30229	486.564294	401.3	73.3	0.000791	0.00006	0	19	0.7
49.12389	486.132181	401.3	73.3	0.000771	0.00006	0	19	0.7
48.13406	485.700068	407.785676	73.3	0.000767	0.00006	0	19	0.7
47.96939	485.393593	419.899403	73.3	0.000755	0.00006	0	19	0.7
48.11	485.195443	401.3	73.3	0.000761	0.00006	0	19	0.7
48.44558	484.997292	401.3	73.3	0.000783	0.00006	0	19	0.7
47.58007	484.799141	401.3	73.3	0.000757	0.00006	0	19	0.7
45.77423	484.600991	432.361017	73.3	0.000742	0.00006	0	19	0.7
46.32965	483.625399	400.5	73.3	0.000728	0.00006	0	19	0.7
45.55359	482.6459	400.903069	73.3	0.000714	0.00005	0	19	0.7
44.40202	481.666401	401.3	73.3	0.000707	0.00006	0	19	0.8
44.40506	480.686902	401.3	73.3	0.000695	0.00006	0	19	0.8
42.18809	479.135266	415.303478	73.2	0.000663	0.00006	0	19	0.8
40.53387	477.210085	401.210263	73.2	0.000627	0.00006	0	19	0.8
39.45887	475.284905	401.149209	73.2	0.000623	0.00005	0	19	0.8
40.27358	473.359724	400.5	73.2	0.000633	0.00006	0	19	0.8
39.56462	471.446711	430.203562	73.1	0.000626	0.00005	0	19	0.8
39.23323	469.879382	400.5	73	0.000619	0.00005	0	19	0.8
39.25427	468.312053	400.5	72.9	0.000617	0.00005	0	19	0.8
38.52558	466.744724	400.5	72.7	0.000613	0.00005	0	19	0.8
39.30232	465.177395	400.5	72.6	0.000608	0.00005	0	19	0.8
38.51075	463.996708	416.687371	72.6	0.000608	0.00005	0	19	0.8
38.48078	463.196525	401.209312	72.6	0.000594	0.00005	0	19	0.8
38.62418	462.396342	401.115565	72.5	0.000597	0.00005	0	19	0.7
39.57334	461.596159	400.904676	72.4	0.000621	0.00005	0	19	0.7
40.82757	461.368393	428.835406	72.3	0.000657	0.00005	0	19	0.7
42.02047	464.971413	401.3	72.1	0.000667	0.00005	0	19	0.7
44.81612	468.574434	401.3	72	0.000703	0.00005	0	19	0.7
48.63598	472.177454	401.312752	72	0.000787	0.00006	0	19	0.7
51.06739	475.780475	405.880108	72	0.000845	0.00006	0	19	0.7
50.30825	477.133818	424.000768	72	0.000825	0.00006	0	19	0.7
47.82733	476.192038	402.9	72.2	0.000775	0.00006	0	19	0.7
45.10331	475.250257	402.9	72.4	0.000702	0.00006	0	19	0.7
42.38747	474.308476	402.1	72.5	0.000655	0.00005	0	19	0.7
40.67786	473.366695	421.335959	72.6	0.000626	0.00005	0	19	0.7
38.8039	471.99257	404.11045	72.7	0.000614	0.00005	0	19	0.7
40.79407	470.525461	402.9	72.7	0.000639	0.00005	0	19	0.7
40.98463	469.058353	402.9	72.7	0.000641	0.00005	0	19	0.7
40.94006	467.591245	402.136674	72.6	0.000626	0.00005	0	19	0.7
39.38585	465.751692	413.873673	72.5	0.000616	0.00005	0	19	0.7
39.17856	463.660724	402.1	72.5	0.000602	0.00005	0	19	0.7
38.45104	461.569756	402.856406	72.5	0.000591	0.00005	0	19	0.7
38.07325	459.478789	402.1	72.5	0.000586	0.00005	0	19	0.7
38.84869	457.387821	421.956667	72.4	0.000598	0.00005	0	19	0.7
39.59304	458.947463	402.8875	72.3	0.000614	0.00005	0	19	0.7
41.75928	460.667154	402.1	72.2	0.000659	0.00005	0	19	0.7
43.45905	462.386844	402.1	72	0.000707	0.00005	0	19	0.7
44.36722	464.106535	401.489744	71.8	0.000723	0.00005	0	19	0.7
44.33129	465.672999	427.203684	71.8	0.000713	0.00005	0	19	0.7

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84.476538	1	0.62039
86.429542	1	0.62044
91.52292	1	0.62049
96.616299	1	0.62055
101.709677	1	0.62061
106.803056	1	0.62067
112.342795	1	0.62073
118.019651	1	0.62079
123.696507	1	0.62084
129.373362	1	0.62089
132.249763	1	0.62094
122.789026	1	0.62099
113.328288	1	0.62104
103.86755	1	0.62109
94.406812	1	0.62114
92.582822	1	0.62119
91.101967	1	0.62124
89.621113	1	0.62129
88.140258	1	0.62134
87.444874	1	0.62139
89.37911	1	0.62144
91.313346	1	0.62149
93.247582	1	0.62154
95.181818	1	0.62159

10:25:43.593	193.2	77.3	1856
10:25:44.593	193.1	74.6	1859
10:25:45.593	193.1	79.9	1858
10:25:46.593	193	80.5	1856
10:25:47.593	192.9	77.4	1856
10:25:48.593	192.9	76.2	1855
10:25:49.593	192.8	81.3	1852
10:25:50.593	192.7	81	1849
10:25:51.593	192.7	84.1	1846
10:25:52.593	192.6	82.2	1852
10:25:53.593	192.6	74.5	1857
10:25:54.593	192.5	73.1	1857
10:25:55.593	192.4	75.1	1860
10:25:56.593	192.4	73.8	1862
10:25:57.593	192.3	75.1	1863
10:25:58.593	192.2	76.9	1860
10:25:59.593		85.7	1861
10:26:00.593		85.9	1861
10:26:01.593		81.5	1868
10:26:02.593		74	1875
10:26:03.593		74.8	1882
10:26:04.593		75.8	1880
10:26:05.593		80.2	1882
10:26:06.593	192.2	80.4	1885
10:26:07.593	192.2	78.7	1890
10:26:08.593	192.2	76.9	1890
10:26:09.593	192.2	78.1	1888
10:26:10.593	192.2	80.1	1888
10:26:11.593	192.2	79.8	1890
10:26:12.593	192.2	78.2	1892
10:26:13.593	192.2	77.2	1896
10:26:14.593	192.2	76.9	1897
10:26:15.593	192.2	80.1	1894
10:26:16.593	192.2	78.5	1894
10:26:17.593	192.2	80.3	1894
10:26:18.593	192.2	80.6	1894
10:26:19.593	192.2	80.1	1893
10:26:20.593	192.2	79.4	1892
10:26:21.593	192.2	80.9	1892
10:26:22.593	192.2	83.9	1891
10:26:23.593	192.2	82.8	1891
10:26:24.593	192.2	81.5	1891
10:26:25.593	192.2	79.2	1893
10:26:26.593		80.2	1895
10:26:27.593		80.1	1895
10:26:28.593		79.7	1896
10:26:29.593		79.7	1896
10:26:30.593		78.8	1897
10:26:31.593		79.9	1901
10:26:32.593		77.5	1899
10:26:33.593		77.9	1899
10:26:34.593	192.2	80.3	1900
10:26:35.593	192.2	79.8	1898
10:26:36.593	192.2	77.4	1898
10:26:37.593	192.2	76.1	1896
10:26:38.593	192.2	76.1	1901
10:26:39.593	192.2	77.5	1898
10:26:40.593	192.2	79.7	1894
10:26:41.593	192.2	80.4	1893
10:26:42.593	192.2	79.9	1893
10:26:43.593	192.2	78.8	1895
10:26:44.593	192.2	76.2	1897
10:26:45.593	192.2	76.1	1896

43.8772	466.89195	401.3	71.8	0.000706	0.00005	0	19	0.7
41.30364	468.110902	401.3	71.7	0.000652	0.00005	0	19	0.7
41.18179	469.329853	400.849361	71.8	0.000644	0.00005	0	19	0.7
43.51195	470.548804	425.529052	71.9	0.000694	0.00005	0	19	0.7
43.32323	471.864618	400.5	71.8	0.000713	0.00005	0	19	0.7
43.34779	473.184679	400.685882	71.7	0.000697	0.00005	0	19	0.7
44.23263	474.504739	400.786022	71.8	0.000697	0.00005	0	19	0.7
45.96722	475.8248	400.5	71.7	0.000722	0.00005	0	19	0.7
48.33615	476.7	429.905385	71.7	0.000779	0.00006	0	19	0.7
52.4986	476.7	400.5	71.6	0.000875	0.00006	0	19	0.7
51.39061	476.7	400.5	71.5	0.000865	0.00006	0	19	0.7
46.28436	476.7	400.5	71.6	0.000741	0.00006	0	19	0.7
44.2514	476.7	416.300139	71.8	0.000685	0.00005	0	19	0.7
40.94271	476.551708	410.00026	71.9	0.000621	0.00006	0	19	0.8
38.77206	476.35077	399.804198	72	0.000586	0.00006	0	19	0.9
38.8013	476.149833	399.7	72.1	0.0006	0.00006	0	19	0.9
43.103	475.948895	399.7	72.2	0.000656	0.00006	0	19	0.9
52.83368	476.102858	432.8	72.2	0.000851	0.00008	0	19	0.9
55.31611	477.272196	399.7	72.1	0.00093	0.00008	0	19	0.9
53.47846	478.441533	399.7	72	0.000893	0.00008	0	19	0.9
50.13	479.610871	399.7	72.2	0.000818	0.00008	0	19	0.9
46.99151	480.780208	411.037568	72.5	0.000746	0.00007	0	19	0.9
46.10308	481.660566	414.832595	72.6	0.000711	0.00007	0	19	0.9
47.76193	482.379079	398.718602	72.7	0.000765	0.00006	0	19	0.8
48.52847	483.097591	398.9	72.8	0.000773	0.00007	0	19	0.8
46.70276	483.816103	398.9	72.9	0.000757	0.00006	0	19	0.8
46.04666	484.534615	426.812162	73.1	0.000747	0.00006	0	19	0.8
47.61611	484.43049	398.827064	73.1	0.000767	0.00007	0	19	0.8
48.26592	484.244009	398.559029	73.2	0.000787	0.00007	0	19	0.8
48.11021	484.057529	398.214134	73.2	0.00077	0.00007	0	19	0.8
46.97807	483.871049	404.257767	73.3	0.000743	0.00006	0	19	0.8
45.44092	483.8	415.967647	73.3	0.000712	0.00006	0	19	0.8
44.7232	483.8	398.2	73.4	0.000706	0.00006	0	19	0.8
44.40865	483.8	398.350609	73.3	0.000716	0.00006	0	19	0.8
46.12612	483.8	398.230499	73.3	0.000731	0.00006	0	19	0.8
48.04584	483.8	425.733849	73.3	0.000772	0.00006	0	19	0.8
49.23	486.282731	398.2	73.3	0.000792	0.00007	0	19	0.8
48.96553	489.014009	398.2	73.3	0.000801	0.00007	0	19	0.8
49.19298	491.745286	398.2	73.3	0.0008	0.00007	0	19	0.8
54.36475	494.476564	398.765352	73.2	0.000885	0.00008	0	19	0.9
56.88234	496.70716	434.483638	73.2	0.000917	0.00008	0	19	0.9
57.42571	498.081578	398.9	73.2	0.000947	0.00009	0	19	0.9
57.44296	499.455996	398.9	73.2	0.000945	0.00009	0	19	0.9
57.9541	500.830415	399.7	73.2	0.000944	0.00009	0	19	0.9
57.39297	502.204833	429.582847	73.2	0.000917	0.00008	0	19	0.9
57.10573	502.4	404.557303	73.3	0.000915	0.00008	0	19	0.8
55.90005	502.4	400.5	73.4	0.000913	0.00008	0	19	0.8
56.02856	502.4	399.988057	73.4	0.000911	0.00008	0	19	0.8
55.17911	502.4	400.379872	73.4	0.000884	0.00008	0	19	0.9
53.52013	501.952777	434.035746	73.4	0.000857	0.00008	0	19	0.9
51.38691	500.803102	400.5	73.4	0.000807	0.00007	0	19	0.8
50.22172	499.653427	400.5	73.4	0.000795	0.00007	0	19	0.8
50.79514	498.503753	401.3	73.4	0.000816	0.00007	0	19	0.8
49.84216	497.354078	423.770434	73.4	0.000812	0.00007	0	19	0.8
48.69107	496.50436	411.896628	73.4	0.000781	0.00007	0	19	0.8
47.49723	495.73974	400.601266	73.4	0.000737	0.00006	0	19	0.7
45.84724	494.975119	400.604348	73.5	0.000708	0.00006	0	19	0.7
45.54222	494.210498	400.969903	73.5	0.000707	0.00006	0	19	0.8
48.52565	493.445877	432.977236	73.5	0.000763	0.00006	0	19	0.8
48.41749	492.536325	400.559628	73.4	0.000803	0.00007	0	19	0.8
48.94282	491.617521	400.5	73.4	0.000805	0.00007	0	19	0.8
49.17359	490.698718	400.5	73.3	0.000789	0.00007	0	19	0.8
47.71053	489.779915	400.5	73.3	0.000757	0.00007	0	19	0.8

97.756263	1	0.62164
100.800047	1	0.62169
103.84383	1	0.62174
106.887614	1	0.62179
109.194863	1	0.62184
109.831671	1	0.62189
110.468478	1	0.62194
111.105286	1	0.62199
111.742093	1	0.62205
116.930222	1	0.62211
125.216311	1	0.62217
133.502399	1	0.62223
141.788487	1	0.62228
149.89336	1	0.62234
138.044489	1	0.6224
126.195618	1	0.62246
114.346747	1	0.62252
102.497876	1	0.6226
105.337006	1	0.62268
120.891121	1	0.62276
136.445237	1	0.62284
151.999352	1	0.62291
167.553467	1	0.62298
165.081227	1	0.62304
160.760639	1	0.62311
156.440052	1	0.62317
152.119464	1	0.62323
148.368469	1	0.6233
146.096774	1	0.62337
143.82508	1	0.62344
141.553385	1	0.6235
139.28169	1	0.62356
136.344305	1	0.62362
133.312689	1	0.62368
130.281074	1	0.62374
127.249459	1	0.6238
125	1	0.62387
125	1	0.62394
125	1	0.62401
125	1	0.62409
125	1	0.62417
126.974638	1	0.62426
130.08921	1	0.62435
133.203782	1	0.62444
136.318354	1	0.62452
139.126941	1	0.6246
140.040183	1	0.62468
140.953425	1	0.62476
141.866667	1	0.62484
142.779909	1	0.62492
143.803855	1	0.62499
144.862953	1	0.62506
145.92205	1	0.62513
146.981148	1	0.6252
147.87412	1	0.62527
144.561491	1	0.62533
141.248861	1	0.62539
137.936232	1	0.62545
134.623602	1	0.62551
132.666667	1	0.62558
135.871795	1	0.62565
139.076923	1	0.62572
142.282051	1	0.62579

10:26:46.593	192.2	77.6	1896
10:26:47.593	192.2	78.8	1896
10:26:48.593	192.2	78.2	1897
10:26:49.593	192.2	77.8	1898
10:26:50.593	192.2	78.9	1896
10:26:51.593	192.2	76.3	1898
10:26:52.593	192.2	76.1	1900
10:26:53.593	192.2	78	1899
10:26:54.593		78.4	1896
10:26:55.593		79	1897
10:26:56.593		77.7	1895
10:26:57.593		80.4	1894
10:26:58.593		79.4	1895
10:26:59.593		77.4	1895
10:27:00.593		76	1897
10:27:01.593		76.2	1897
10:27:02.593	191.7	76.9	1897
10:27:03.593	191.6	77.8	1898
10:27:04.593	191.5	78.2	1896
10:27:05.593	191.5	79.9	1892
10:27:06.593	191.4	78.5	1893
10:27:07.593	191.3	77.6	1891
10:27:08.593	191.3	79.6	1891
10:27:09.593	191.2	77.4	1891
10:27:10.593	191.2	74.3	1892
10:27:11.593	191.1	77.3	1891
10:27:12.593	191	77.7	1891
10:27:13.593	191	75.3	1888
10:27:14.593	190.9	73	1881
10:27:15.593	190.8	69.7	1877
10:27:16.593	190.8	65	1870
10:27:17.593	190.7	60.6	1865
10:27:18.593	190.6	30.8	1830
10:27:19.593	190.6	9.7	1825
10:27:20.593	190.5	40.9	1803
10:27:21.593	190.5	77.5	1794
10:27:22.593		74.3	1793
10:27:23.593		62.4	1788
10:27:24.593		62.4	1783
10:27:25.593		91.5	1784
10:27:26.593		62.8	1784
10:27:27.593		65.7	1786
10:27:28.593		68.4	1775
10:27:29.593		60.5	1767
10:27:30.593	190.9	41.4	1757
10:27:31.593	191	33.2	1741
10:27:32.593	191.1	38	1728
10:27:33.593	191.1	66.4	1717
10:27:34.593	191.2	80.1	1719
10:27:35.593	191.3	88.1	1728
10:27:36.593	191.3	77.4	1749
10:27:37.593	191.4	66	1762
10:27:38.593	191.4	59.7	1769
10:27:39.593	191.5	41.3	1769
10:27:40.593	191.6	32.6	1769
10:27:41.593	191.6	35.5	1770
10:27:42.593	191.7	47.6	1775
10:27:43.593	191.8	65.6	1772
10:27:44.593	191.8	81.6	1777
10:27:45.593	191.9	82.8	1783
10:27:46.593	192	90.2	1791
10:27:47.593	192	78.1	1794
10:27:48.593	192.1	66.5	1794

46.66543	489.1	439.068421	73.4	0.000733	0.00006	0	19	0.8
46.79067	489.1	399.966389	73.4	0.000729	0.00006	0	19	0.8
46.68241	489.1	399.77199	73.4	0.000746	0.00006	0	19	0.8
45.93466	489.1	399.579583	73.4	0.000756	0.00006	0	19	0.8
47.61059	489.1	399.7	73.4	0.000762	0.00007	0	19	0.8
46.95095	488.731466	432.049616	73.4	0.000742	0.00007	0	19	0.9
44.30919	487.761638	400.081862	73.4	0.000699	0.00007	0	19	0.9
44.0776	486.79181	399.7	73.4	0.000685	0.00007	0	19	0.9
43.67511	485.821983	399.7	73.4	0.000676	0.00006	0	19	0.8
44.44579	484.852155	418.097554	73.4	0.00072	0.00006	0	19	0.8
45.14887	484.741102	410.687179	73.4	0.000734	0.00007	0	19	0.9
46.9656	484.93178	400.388172	73.4	0.000756	0.00007	0	19	0.9
48.59095	485.122458	400.5	73.4	0.000781	0.00007	0	19	0.9
48.2668	485.313136	400.912235	73.3	0.000786	0.00007	0	19	0.9
46.72749	485.470799	435.303846	73.3	0.000755	0.00007	0	19	0.9
45.64527	484.010771	401.475583	73.4	0.000721	0.00007	0	19	0.9
43.77425	482.550742	401.58614	73.4	0.000686	0.00007	0	19	0.9
43.48877	481.090713	401.384881	73.4	0.000669	0.00007	0	19	0.9
42.25429	479.630685	421.634729	73.4	0.000662	0.00006	0	19	0.9
43.79441	480.155157	406.163075	73.4	0.000696	0.00007	0	19	0.9
45.52216	481.052018	402.89225	73.4	0.000739	0.00007	0	19	0.9
45.03513	481.948879	402.9	73.3	0.000737	0.00007	0	19	0.9
45.93595	482.84574	402.9	73.3	0.000741	0.00007	0	19	0.9
46.30345	483.742601	431.320111	73.2	0.000745	0.00007	0	19	0.9
44.27415	481.508324	404.699046	73.2	0.00069	0.00007	0	19	0.9
43.01737	479.059953	403.8	73.3	0.000657	0.00006	0	19	0.8
42.3214	476.611582	403.8	73.2	0.000653	0.00006	0	19	0.8
40.48455	474.163211	403.8	73.2	0.000627	0.00006	0	19	0.9
38.95194	469.688298	434.956094	73.1	0.000594	0.00005	0	19	0.8
36.6107	458.760673	404.7	73	0.000565	0.00005	0	19	0.8
34.66902	447.833048	404.7	73	0.00051	0.00005	0	19	0.8
31.95194	436.905423	404.7	72.8	0.000466	0.00005	0.00001	19	0.8
35.09406	425.977798	404.7	72.4	0.000428	0.00005	0.00004	19	0.8
29.64304	418.049861	410.255128	72.1	0.000264	0.00004	0.00006	19	0.8
45.21363	416.103337	404.339053	71.4	0.000178	0.00004	0.00006	19	0.9
46.12634	414.156813	403.8	70.5	0.000358	0.00006	0.00007	19	0.8
47.08124	412.210289	403.8	70.1	0.000557	0.00006	0.00002	19	0.8
32.23742	410.263765	405.30631	69.7	0.000434	0.00005	0	19	0.9
29.80553	412.322203	404.849416	69.4	0.00044	0.00006	0	19	1.1
50.70705	416.453012	405.27497	69.4	0.000746	0.00009	0.00004	19	1.1
39.68281	420.583821	405.386458	69.2	0.000653	0.00007	0.00013	19	1
32.66399	424.71463	404.7	69	0.00046	0.00005	0.00009	19	1
30.59458	428.642688	413.987769	69.1	0.00042	0.00005	0.00005	19	1
28.92091	414.341613	405.20883	69.2	0.000397	0.00005	0.00003	19	1
25.77295	400.040538	404.062055	68.8	0.000365	0.00004	0.00005	19	0.9
26.55255	385.739462	404.174336	68.6	0.000285	0.00004	0.00007	19	0.9
25.04626	371.438387	403.8	68	0.000225	0.00004	0.00008	19	0.9
29.20513	368.004113	388.473602	67.2	0.000226	0.00004	0.00007	19	0.9
43.67621	383.804978	403.343126	67	0.000453	0.00007	0.0001	19	0.9
53.52787	399.605844	403.588933	66.6	0.000737	0.00008	0.00006	19	0.9
49.57625	415.40671	404.629855	66.4	0.000769	0.00007	0.00002	19	0.9
36.92583	431.207576	410.40625	67	0.000545	0.00006	0	19	0.9
25.1096	422.998693	406.849738	67.7	0.000422	0.00005	0	19	0.9
25.68153	406.397738	402.9	68	0.000355	0.00004	0	19	0.8
25.84503	389.796784	402.1	68.2	0.000286	0.00004	0.00003	19	0.8
26.44689	373.195829	401.750435	68.5	0.000219	0.00004	0.00002	19	0.8
25.6349	356.594874	385.902778	68.6	0.000195	0.00004	0.00001	19	0.8
33.55132	372.638496	401.220964	68.5	0.000315	0.00005	0	19	0.9
41.84681	391.443805	400.5	68.5	0.000528	0.00008	0.00004	19	1.1
46.03033	410.249115	400.5	68.5	0.000671	0.00008	0.00002	19	1.1
51.48106	429.054425	400.5	68.6	0.00082	0.00009	0	19	1.1
52.83585	442.929985	413.194049	68.8	0.000867	0.0001	0	19	1.2
42.93548	449.472237	398.7193	69.1	0.00066	0.00009	0	19	1.2

145.487179	1	0.62585
145.806902	1	0.62591
143.547247	1	0.62597
141.287592	1	0.62603
139.027938	1	0.6261
136.768283	1	0.62617
133.302646	1	0.62624
129.215745	1	0.62631
125.128845	1	0.62637
121.041945	1	0.62643
117.026128	1	0.6265
119.401425	1	0.62657
121.776722	1	0.62664
124.152019	1	0.62671
126.527316	1	0.62678
127.197183	1	0.62685
125.084507	1	0.62692
122.971831	1	0.62699
120.859155	1	0.62705
118.829268	1	0.62712
117.406504	1	0.62719
115.98374	1	0.62726
114.560976	1	0.62733
113.138211	1	0.6274
111.743535	1	0.62747
110.46121	1	0.62753
109.178884	1	0.62759
107.896559	1	0.62765
106.614234	1	0.6277
97.98948	1	0.62775
82.614202	1	0.6278
67.238924	1	0.62785
51.863646	1	0.6279
36.488367	1	0.62794
42.039081	1	0.62798
62.867941	0	0.62804
83.696801	0	0.6281
104.52566	0	0.62815
125.35452	0	0.62821
121.344737	0	0.6283
115.204386	0	0.62837
109.064035	1	0.62842
102.923684	1	0.62847
99.382011	1	0.62852
100.440212	1	0.62856
101.498413	1	0.6286
102.556614	1	0.62864
103.614815	1	0.62868
114.062419	1	0.62875
129.883832	1	0.62883
145.705245	1	0.6289
161.526658	1	0.62896
176.674625	1	0.62901
161.884851	1	0.62905
147.095077	1	0.62909
132.305303	1	0.62913
117.515529	1	0.62917
111.321971	1	0.62922
126.276886	1	0.6293
141.231801	1	0.62938
156.186717	1	0.62947
171.141632	1	0.62957
224.310127	1	0.62966

10:27:49.593	192.2	74.2	1780
10:27:50.593		86.6	1766
10:27:51.593		90.3	1761
10:27:52.593		77.7	1763
10:27:53.593		74.9	1772
10:27:54.593		77.3	1779
10:27:55.593		81	1789
10:27:56.593		82.9	1794
10:27:57.593	193.6	84.3	1804
10:27:58.593	193.8	85.1	1808
10:27:59.593	194	84.3	1819
10:28:00.593	194.2	82.1	1830
10:28:01.593	194.4	81.3	1842
10:28:02.593	194.6	76.8	1851
10:28:03.593	194.8	76.7	1859
10:28:04.593	195	80.9	1864
10:28:05.593	195.2	81.3	1871
10:28:06.593	195.4	78.2	1886
10:28:07.593	195.6	73.6	1906
10:28:08.593	195.8	71.2	1919
10:28:09.593	196	81.9	1932
10:28:10.593	196.2	78.5	1941
10:28:11.593	196.4	46.9	1942
10:28:12.593	196.6	70	1942
10:28:13.593	196.8	70.7	1934
10:28:14.593	197	70.4	1927
10:28:15.593	197.2	68.2	1925
10:28:16.593	197.4	68.8	1924
10:28:17.593	197.6	68.5	1921
10:28:18.593		69.8	1914
10:28:19.593		70.1	1909
10:28:20.593		85.7	1906
10:28:21.593		91.3	1908
10:28:22.593		82.2	1921
10:28:23.593		77.9	1932
10:28:24.593		79.6	1943
10:28:25.593	196.1	82.7	1953
10:28:26.593	195.9	82.2	1961
10:28:27.593	195.7	80.5	1970
10:28:28.593	195.5	77	1979
10:28:29.593	195.3	74	1982
10:28:30.593	195.1	55.8	1979
10:28:31.593	194.9	2.4	1966
10:28:32.593	194.7	23.1	1947
10:28:33.593	194.5	48	1930
10:28:34.593	194.3	66	1917
10:28:35.593	194.1	69.9	1912
10:28:36.593	193.9	70.8	1910
10:28:37.593	193.7	76.3	1907
10:28:38.593	193.5	79	1903
10:28:39.593	193.3	79.2	1906
10:28:40.593	193.1	78.4	1907
10:28:41.593	193	76.9	1908
10:28:42.593	192.8	78.1	1908
10:28:43.593	192.6	79.1	1909
10:28:44.593	192.4	80.7	1913
10:28:45.593		78.4	1915
10:28:46.593		79.2	1917
10:28:47.593		82.3	1922
10:28:48.593		80.2	1927
10:28:49.593		75.8	1935
10:28:50.593		70.4	1936
10:28:51.593		75.3	1936

35.99036	456.014489	398.2	69.3	0.000538	0.00007	0	19	1.1
41.80697	462.556741	397.952542	69.4	0.000654	0.00008	0	19	1.2
66.20576	469.098994	406.796453	69.4	0.00109	0.00012	0.00003	19	1.1
79.93471	476.769282	407.421649	69	0.001281	0.00014	0.00007	19	1.1
69.28094	485.093583	394.421683	68.4	0.001134	0.00013	0.00001	19	1.1
65.50328	493.417884	393.200889	68	0.001049	0.00012	0	19	1.1
63.97351	501.742185	392.257647	68.2	0.000993	0.00011	0	19	1.1
59.12316	509.908221	439.268333	68.6	0.000969	0.0001	0	19	1.1
57.26407	510.319274	390.322853	69	0.000949	0.0001	0	19	1.1
58.22762	510.730327	389.6	69.4	0.000964	0.0001	0	19	1.1
58.45843	511.141379	388.744133	69.6	0.000989	0.0001	0	19	1
59.36231	511.552432	406.613428	69.8	0.001003	0.0001	0	19	1
57.24164	510.697579	410.835401	70.1	0.000961	0.00009	0	19	1
53.15842	509.13374	386.607531	70.5	0.000905	0.00008	0	19	0.9
50.82595	507.569901	387.041763	70.9	0.000825	0.00008	0	19	0.9
50.40071	506.006063	385.987392	71.4	0.000787	0.00007	0	19	0.9
67.3808	504.442224	427.149156	71.7	0.001022	0.00009	0	19	0.9
87.81313	508.360131	385.790615	71.9	0.00133	0.00012	0	19	0.9
76.88831	512.430153	386.224545	72.2	0.00126	0.00012	0	19	0.9
64.01904	516.500175	386.16338	72.5	0.001064	0.0001	0	19	0.9
58.13913	520.570197	386.4	73.1	0.000936	0.00009	0	19	0.9
58.31358	519.117677	430.409091	73.8	0.000937	0.00009	0	19	0.9
45.47243	509.484121	387.2	74.4	0.000781	0.00008	0	19	0.9
36.9621	499.850565	387.2	74.8	0.000516	0.00006	0	19	0.9
38.04055	490.217009	387.2	75.2	0.000541	0.00006	0	19	0.9
38.66978	480.930903	427.36566	75.2	0.00057	0.00006	0	19	0.9
38.43997	476.726263	387.2	75	0.000556	0.00005	0	19	0.8
38.34337	472.521624	387.396419	74.9	0.000557	0.00005	0	19	0.7
38.26987	468.316984	387.571802	74.7	0.000563	0.00005	0	19	0.7
38.63823	464.112345	387.819231	74.6	0.000566	0.00005	0.00001	19	0.7
38.50162	463.249255	420.501493	74.4	0.000568	0.00005	0.00004	19	0.7
45.79706	473.203725	388.7	74.2	0.000705	0.00006	0.00002	19	0.7
65.49945	483.158195	389.241406	74	0.001005	0.00007	0.00006	19	0.7
66.38995	493.112666	390.313625	73.9	0.001118	0.00008	0.00004	19	0.7
62.91454	503.067136	391.087983	73.8	0.001087	0.00008	0	19	0.7
63.02457	509.838099	428.693862	74	0.001035	0.00008	0	19	0.7
63.94784	511.912603	391.710638	74.4	0.001039	0.00008	0	19	0.7
64.4551	513.987107	392.741761	74.8	0.001057	0.00008	0	19	0.7
64.12653	516.061611	393.72461	75.4	0.00106	0.00008	0	19	0.7
62.83365	518.136114	436.430795	75.9	0.001009	0.00008	0	19	0.7
56.5967	496.773549	395	76.1	0.00092	0.00007	0	19	0.7
49.39868	473.400638	395.157732	76.5	0.000721	0.00006	0	19	0.7
30.5839	450.027726	395.7	76.8	0.000332	0.00004	0	19	0.7
30.90984	426.654815	395.7	76.9	0.000202	0.00004	0	19	0.8
30.90867	414.338583	401.69857	76.8	0.000194	0.00003	0.00002	19	0.7
37.07096	420.608241	395.7	76.1	0.000327	0.00004	0.00004	19	0.7
39.15896	426.877899	395.252652	75.2	0.000477	0.00004	0.00004	19	0.6
39.10863	433.147557	395.7	74.5	0.000539	0.00004	0.00004	19	0.5
40.50773	439.417215	398.663369	74.2	0.000592	0.00004	0.00001	19	0.5
41.71787	445.126667	404.417831	74	0.000637	0.00004	0	19	0.5
43.90795	450.46883	396.6	73.9	0.000677	0.00004	0	19	0.5
43.52364	455.810993	396.6	73.8	0.000687	0.00005	0	19	0.6
42.62117	461.153157	396.6	73.8	0.000671	0.00004	0	19	0.6
43.27531	466.359334	426.58676	73.8	0.000675	0.00005	0	19	0.6
45.20139	469.863853	397.243502	73.9	0.000739	0.00005	0	19	0.6
47.68732	473.368371	397.069516	73.9	0.00078	0.00005	0	19	0.6
49.01254	476.87289	397.4	73.9	0.000794	0.00005	0	19	0.6
49.60254	480.377408	403.426301	73.9	0.000788	0.00006	0	19	0.7
54.67045	481.698575	415.712798	74.1	0.000884	0.00006	0	19	0.7
56.90637	481.137263	397.198721	74.2	0.000925	0.00007	0	19	0.7
56.45016	480.57595	397.303466	74.3	0.00091	0.00006	0	19	0.6
47.99026	480.014637	396.870677	74.5	0.000772	0.00005	0	19	0.6
43.1468	479.453325	421.51026	74.7	0.000644	0.00005	0	19	0.6

290.765823	1	0.62973
357.221519	1	0.62981
423.677215	1	0.62993
489.895538	1	0.63007
437.664623	1	0.6302
385.433707	1	0.63032
333.202791	1	0.63043
280.971876	1	0.63053
237.680193	1	0.63063
218.193718	1	0.63073
198.707244	1	0.63083
179.22077	1	0.63093
159.734296	1	0.63102
160.382218	1	0.6311
162.997167	1	0.63118
165.612116	1	0.63125
168.227065	1	0.63134
169.009013	1	0.63146
165.931413	1	0.63158
162.853814	1	0.63168
159.776215	1	0.63177
156.698615	1	0.63186
150.079297	1	0.63194
142.419914	1	0.632
134.760532	1	0.63206
127.101149	1	0.63212
119.457928	1	0.63217
111.846934	1	0.63222
104.235941	1	0.63227
96.624947	1	0.63232
89.013953	1	0.63237
95.020535	1	0.63243
109.955196	1	0.6325
124.889857	1	0.63258
139.824518	1	0.63266
154.759179	1	0.63274
152.422084	1	0.63282
145.298308	1	0.6329
138.174533	1	0.63298
131.050757	1	0.63306
124.313587	1	0.63313
118.518352	1	0.63319
112.723117	1	0.63323
106.927882	1	0.63327
101.132646	1	0.6333
103.331549	1	0.63334
110.185265	1	0.63338
117.038981	1	0.63342
123.892697	1	0.63346
130.746413	1	0.6335
127.248052	1	0.63354
123.351948	1	0.63359
119.455844	1	0.63363
115.55974	1	0.63368
113.463618	1	0.63373
114.815274	1	0.63378
116.166929	1	0.63383
117.518585	1	0.63389
118.870241	1	0.63395
126.403448	1	0.63402
134.593103	1	0.63408
142.782759	1	0.63413
150.972414	1	0.63418

10:28:52.593		80.2	1935
10:28:53.593	191.2	78.4	1935
10:28:54.593	191	77.7	1934
10:28:55.593	190.9	80.1	1932
10:28:56.593	190.8	85.1	1933
10:28:57.593	190.6	86.3	1934
10:28:58.593	190.5	79.1	1941
10:28:59.593	190.4	70.9	1947
10:29:00.593	190.3	71.6	1950
10:29:01.593	190.1	81.1	1946
10:29:02.593	190	79.8	1944
10:29:03.593	189.9	77.3	1945
10:29:04.593	189.7	78.2	1945
10:29:05.593	189.6	78.7	1946
10:29:06.593	189.5	78.3	1951
10:29:07.593	189.4	77.1	1949
10:29:08.593	189.2	76.9	1952
10:29:09.593	189.1	77	1952
10:29:10.593	189	77.9	1947
10:29:11.593	188.8	77.8	1950
10:29:12.593	188.7	76.8	1951
10:29:13.593		77.7	1952
10:29:14.593		74.2	1948
10:29:15.593		62.5	1949
10:29:16.593		67.8	1946
10:29:17.593		72.1	1940
10:29:18.593		70.2	1936
10:29:19.593		70.4	1931
10:29:20.593		71.8	1928
10:29:21.593	189.1	68.9	1924
10:29:22.593	189.2	72.6	1919
10:29:23.593	189.3	74.9	1912
10:29:24.593	189.3	76	1911
10:29:25.593	189.4	76	1910
10:29:26.593	189.4	76.3	1908
10:29:27.593	189.5	72.2	1902
10:29:28.593	189.6	74.6	1899
10:29:29.593	189.6	76.6	1898
10:29:30.593	189.7	75.7	1895
10:29:31.593	189.8	76.3	1893
10:29:32.593	189.8	76.4	1891
10:29:33.593	189.9	76.1	1891
10:29:34.593	190	75.8	1889
10:29:35.593	190	76.1	1887
10:29:36.593	190.1	76.4	1887
10:29:37.593	190.2	76.1	1888
10:29:38.593	190.2	76.6	1883
10:29:39.593	190.3	76.6	1884
10:29:40.593	190.3	77.9	1881
10:29:41.593		83	1883
10:29:42.593		81	1886
10:29:43.593		81.7	1892
10:29:44.593		78.6	1902
10:29:45.593		78.6	1913
10:29:46.593		80.8	1919
10:29:47.593		81.5	1926
10:29:48.593		80.7	1929
10:29:49.593	191.5	79.5	1938
10:29:50.593	191.6	79.5	1947
10:29:51.593	191.7	78.3	1952
10:29:52.593	191.9	77.6	1959
10:29:53.593	192	39	1950
10:29:54.593	192.1	7.4	1926

40.90553	479.4	397.4	74.8	0.000628	0.00004	0	19	0.6
43.35396	479.4	397.085417	75	0.000678	0.00005	0	19	0.7
43.02101	479.4	396.6	74.9	0.000682	0.00005	0	19	0.7
44.35917	479.4	395.705239	74.8	0.000689	0.00005	0	19	0.7
47.86231	479.802021	421.025258	74.8	0.000763	0.00006	0	19	0.7
59.80755	480.728337	396.024812	74.8	0.000988	0.00007	0	19	0.7
59.11068	481.654653	396.580118	74.9	0.001029	0.00007	0	19	0.7
53.3903	482.580968	395.903195	74.9	0.000885	0.00007	0	19	0.7
43.82856	483.507284	412.4704	75	0.000643	0.00005	0	19	0.7
42.5727	484.683684	411.003073	75.3	0.00066	0.00005	0	19	0.7
46.35549	485.97562	396.6	75.5	0.000728	0.00006	0	19	0.7
46.17909	487.267556	396.6	75.5	0.000737	0.00006	0	19	0.8
45.72078	488.559492	396.6	75.4	0.000737	0.00006	0	19	0.8
46.9285	489.851427	424.656437	75.3	0.000759	0.00006	0	19	0.8
46.89043	489.015045	401.160547	75.4	0.000757	0.00006	0	19	0.8
46.2977	487.902102	396.6	75.3	0.000747	0.00006	0	19	0.8
46.16341	486.789159	396.818839	75.4	0.000734	0.00006	0	19	0.8
46.27318	485.676216	397.4	75.4	0.000732	0.00006	0	19	0.8
46.5635	484.580398	433.409471	75.4	0.00073	0.00006	0	19	0.8
46.62893	483.986383	397.566379	75.4	0.000744	0.00006	0	19	0.8
46.91263	483.392369	398.2	75.5	0.000739	0.00006	0	19	0.8
46.44365	482.798355	398.2	75.5	0.000725	0.00006	0	19	0.8
45.23609	482.204341	407.074603	75.6	0.000699	0.00006	0	19	0.8
40.42352	478.508453	414.020716	75.5	0.000601	0.00005	0	19	0.8
37.361	473.185974	398.9	75.5	0.000523	0.00005	0.00003	19	0.8
37.67609	467.863494	398.976923	75.4	0.000542	0.00005	0.00005	19	0.8
39.21154	462.541014	399.453396	75.4	0.000581	0.00005	0.00007	19	0.8
38.92372	457.218535	414.2493	75.3	0.00059	0.00005	0.00008	19	0.8
39.1081	456.013203	402.163075	75.1	0.000593	0.00005	0.00008	19	0.8
38.80116	455.450433	400.5	74.9	0.000586	0.00005	0.00008	19	0.8
39.44533	454.887662	400.5	74.8	0.000596	0.00005	0.00008	19	0.8
40.2938	454.324892	399.901617	74.6	0.000613	0.00006	0.00008	19	0.8
40.79451	453.990959	423.602894	74.3	0.000638	0.00006	0.00007	19	0.8
41.04462	454.362219	400.5	74.1	0.000644	0.00006	0.00006	19	0.8
40.88273	454.733479	400.967093	74.1	0.000639	0.00006	0.00006	19	0.8
39.16797	455.104739	401.3	74	0.000623	0.00005	0.00006	19	0.8
39.91	455.475999	409.933627	73.9	0.000615	0.00005	0.00006	19	0.8
40.28449	456.220945	410.754336	73.8	0.000623	0.00005	0.00006	19	0.8
39.98561	457.153296	401.99258	73.7	0.000634	0.00005	0.00006	19	0.8
40.94	458.085646	401.424347	73.5	0.000645	0.00006	0.00006	19	0.8
40.9855	459.017997	402.1	73.4	0.000642	0.00006	0.00006	19	0.8
41.22154	459.911352	427.214286	73.4	0.000646	0.00006	0.00006	19	0.8
40.4423	460.121568	402.9	73.3	0.000645	0.00005	0.00006	19	0.7
40.71694	460.331785	402.9	73.2	0.000648	0.00005	0.00006	19	0.7
40.1427	460.542001	402.9	73.1	0.000644	0.00005	0.00006	19	0.7
40.25329	460.752218	402.9	73.1	0.000642	0.00005	0.00006	19	0.7
40.26319	462.539346	426.856522	73.1	0.000643	0.00005	0.00005	19	0.7
40.31829	468.059029	402.9	73	0.000636	0.00005	0.00004	19	0.7
40.80824	473.578713	402.9	73	0.000643	0.00005	0	19	0.8
45.19338	479.098396	402.9	73	0.00076	0.00006	0	19	0.8
65.21703	484.61808	407.079813	72.9	0.000983	0.00007	0.00004	19	0.7
63.5016	488.995882	427.620611	72.8	0.001054	0.00007	0.00005	19	0.7
61.86505	492.213385	403.206043	72.9	0.00101	0.00007	0.00003	19	0.7
58.45981	495.430888	402.9	73.1	0.000972	0.00007	0.00001	19	0.7
58.17604	498.648391	402.9	73.4	0.000939	0.00007	0	19	0.7
59.53203	501.865894	430.607133	73.7	0.000966	0.00007	0	19	0.7
59.65372	504.405576	408.83137	74.1	0.000987	0.00007	0	19	0.7
62.42798	506.810343	402.863365	74.2	0.001016	0.00008	0	19	0.8
64.58725	509.21511	402.1	74.4	0.001033	0.00009	0	19	0.8
64.76162	511.619877	401.577032	74.8	0.001043	0.00009	0	19	0.8
68.5858	510.604515	455.577975	75.1	0.001006	0.00009	0	19	0.8
47.10391	487.675	400.5	75.5	0.000556	0.00006	0	19	0.8
30.11925	464.745485	400.5	75.7	0.000215	0.00004	0.00001	19	0.8

153.921973	1	0.63422
142.26278	1	0.63427
130.603587	1	0.63432
118.944395	1	0.63437
107.285202	1	0.63443
116.102226	1	0.6345
129.910965	1	0.63457
143.719703	1	0.63464
157.528442	1	0.63469
171.337181	1	0.63474
162.340029	1	0.6348
152.193001	1	0.63486
142.045972	1	0.63492
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121.810381	1	0.6351
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119.691737	1	0.63522
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117.639857	1	0.63534
116.746202	1	0.6354
115.852547	1	0.63546
114.958892	1	0.63552
114.065237	1	0.63557
107.810974	1	0.63562
101.134571	1	0.63567
94.458168	1	0.63572
87.781765	1	0.63577
82	1	0.63582
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82	1	0.63592
82	1	0.63598
82	1	0.63604
82.127495	1	0.6361
82.342134	1	0.63616
82.556772	1	0.63621
82.77141	1	0.63626
82.986049	1	0.63631
83.202776	1	0.63636
83.419649	1	0.63642
83.636521	1	0.63648
83.853394	1	0.63654
84.203859	1	0.63659
84.833054	1	0.63664
85.462248	1	0.63669
86.091443	1	0.63674
86.720638	1	0.63679
91.634299	1	0.63684
99.969369	1	0.63689
108.304438	1	0.63695
116.639508	1	0.63702
124.974578	1	0.63709
127.811709	1	0.63716
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129.956251	1	0.6373
131.028522	1	0.63737
132.163834	1	0.63744
133.906754	1	0.63752
135.649673	1	0.63761
137.392593	1	0.6377
139.135512	1	0.63779
138.889868	1	0.63785
136.687225	1	0.63789

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10:30:55.593	194	75.3	1943
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31.07083	418.886454	399.465379	75.3	0.00022	0.00004	0.00003	19	0.8
32.00209	411.295736	400.823151	74.5	0.000304	0.00004	0.00005	19	0.7
34.60137	414.145714	398.886148	73.7	0.000399	0.00004	0.00006	19	0.7
34.62719	416.995691	398.2	73.2	0.000447	0.00004	0.00007	19	0.7
34.087	419.845668	397.676333	72.8	0.000457	0.00004	0.00007	19	0.7
34.2868	423.990848	409.254762	72.4	0.000475	0.00004	0.00007	19	0.7
34.95465	433.037969	397.4	72	0.000491	0.00004	0.00008	19	0.7
35.52661	442.085089	397.4	71.7	0.00052	0.00004	0.00008	19	0.7
42.38285	451.132209	396.685128	71.6	0.000626	0.00005	0.00008	19	0.7
58.0906	460.17933	397.397391	71.4	0.000886	0.00006	0.00011	19	0.7
56.73278	466.118342	417.194485	71	0.000954	0.00007	0.00007	19	0.7
55.91626	468.003921	396.028404	70.8	0.000931	0.00007	0.00003	19	0.7
55.27602	469.889501	396.570839	70.9	0.000875	0.00007	0.00001	19	0.7
46.87793	471.77508	395.47883	71.1	0.000757	0.00007	0	19	0.8
43.85304	473.66066	413.916733	71.4	0.000675	0.00006	0	19	0.8
42.76681	475.575968	402.891146	71.6	0.000647	0.00006	0	19	0.8
36.99767	477.500306	394.2	71.8	0.000581	0.00005	0	19	0.8
41.26126	479.424645	393.4	71.7	0.000659	0.00006	0.00001	19	0.8
50.50821	481.348983	393.4	71.8	0.000805	0.00007	0.00003	19	0.8
48.41006	478.875555	435.271667	71.7	0.000818	0.00006	0.00004	19	0.7
45.244	458.130993	392.314322	71.8	0.000718	0.00006	0.00002	19	0.7
37.9281	437.386432	391.9	72.1	0.000499	0.00004	0.00002	19	0.7
26.37801	416.64187	391.769167	72.5	0.000333	0.00003	0.00002	19	0.6
26.22979	395.897309	390.98879	72.8	0.000196	0.00003	0.00004	19	0.7
26.49032	377.379913	390.484276	73	0.000106	0.00004	0.00004	19	0.8
27.35753	359.665508	389.696448	72.6	0.00008	0.00003	0.00004	19	0.7
27.2572	341.951103	388.7	72.1	0.000078	0.00003	0.00005	19	0.7
23.70935	324.236699	388.415783	71.2	0.000071	0.00003	0.00005	19	0.8
20.59204	306.522294	360.01008	70.7	0.000079	0.00003	0.00005	19	0.8
30.87491	342.164368	387.92021	70.5	0.000145	0.00003	0.00005	19	0.8
35.63294	381.760896	387.2	69.8	0.000353	0.00005	0.00007	19	0.7
82.77507	421.357424	387.862326	69.5	0.001162	0.00011	0.00016	19	0.8
101.02725	460.953953	396.616066	68.3	0.001583	0.00013	0.00023	19	0.8
70.75727	482.568009	403.22364	67.8	0.001072	0.0002	0.0001	19	1.7
58.9477	495.244668	388	68.2	0.000923	0.00021	0.00001	19	2.1
76.3464	507.921328	388.179557	69	0.001311	0.00019	0	19	1.4
99.12715	520.597987	388.384227	69.5	0.001638	0.00024	0	19	1.4
94.46525	533.274647	442.007309	69.5	0.001506	0.00042	0	19	2.7
87.79481	532.653973	388.587736	70.1	0.001375	0.00049	0	19	3.4
83.94721	532.006652	388.292174	70.9	0.001286	0.00042	0	19	3.1
70.48289	531.35933	388.7	71.6	0.001098	0.00024	0	19	2
65.73612	530.712009	388.009906	72.3	0.001045	0.00018	0	19	1.7
66.64237	529.37393	421.715294	72.7	0.00108	0.00013	0	19	1.2
67.69355	527.393099	388	72.8	0.001114	0.00013	0	19	1.2
65.91054	525.412268	388	73.1	0.001103	0.00013	0	19	1.2
63.72296	523.431438	388.263147	73.5	0.001052	0.00012	0	19	1.2
53.21541	521.450607	425.046356	73.8	0.000881	0.00011	0	19	1.2
47.96904	515.591518	388.994411	74.5	0.000749	0.0001	0	19	1.2
40.32482	508.898343	388	74.8	0.000608	0.00007	0	19	1.1
37.18576	502.205169	388	74.8	0.000575	0.00007	0	19	1.1
39.75409	495.511995	388	74.8	0.000616	0.00007	0.00002	19	1.1
40.67588	491.435165	429.12	74.7	0.000635	0.00007	0.00003	19	1.1
46.9581	493.580994	388	74.4	0.000748	0.00008	0.00005	19	1.1
52.59429	495.726823	388.554092	74.2	0.00084	0.00009	0.00005	19	1.1
55.08664	497.872652	388.117757	74.2	0.0009	0.0001	0	19	1.1
54.90341	500.01848	411.111127	74.3	0.000895	0.00009	0	19	1
54.03273	499.161397	397.968256	74.5	0.000862	0.00009	0	19	1
53.8	497.188004	389.6	74.6	0.000848	0.00009	0	19	1
50.44932	495.214612	390.4	74.7	0.000785	0.00008	0	19	1
47.06	493.24122	390.833884	74.9	0.000725	0.00008	0	19	1
45.86209	491.234145	438.436707	75.1	0.000695	0.00007	0	19	1
45.5458	489.106952	391.451515	75.3	0.000706	0.00008	0	19	1

134.484581	1	0.63793
132.281938	1	0.63797
130.079295	1	0.63801
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110.915194	1	0.63809
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91.480565	1	0.63817
90.241245	1	0.63821
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119.424125	1	0.63836
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140.503457	1	0.6385
152.23612	1	0.63857
163.968783	1	0.63864
175.701446	1	0.6387
186.411251	1	0.63876
170.499104	1	0.63881
154.586957	1	0.63887
138.67481	1	0.63894
122.762662	1	0.639
102.633772	1	0.63906
79.388158	1	0.6391
56.142544	1	0.63913
32.89693	1	0.63916
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26.916667	1	0.63923
43.583333	1	0.63926
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76.916667	1	0.63932
165.764774	1	0.63935
444.909404	1	0.6394
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1003.198666	1	0.63964
1282.343297	1	0.63984
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1274.047059	1	0.64024
1259.014379	1	0.64048
1243.981699	1	0.6409
1159.835801	1	0.64139
939.109017	1	0.64181
718.382234	1	0.64205
497.655451	1	0.64223
276.928668	1	0.64236
233.115385	1	0.64249
213.884615	1	0.64262
194.653846	1	0.64274
175.423077	1	0.64285
158.125083	1	0.64295
148.655803	1	0.64302
139.186523	1	0.64309
129.717243	1	0.64316
120.247963	1	0.64323
117.720395	1	0.64331
118.816886	1	0.6434
119.913377	1	0.6435
121.009868	1	0.64359
122.75094	1	0.64368
130.49259	1	0.64377
138.23424	1	0.64385
145.97589	1	0.64393
153.71754	1	0.644
150.544828	1	0.64408

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10:31:27.593	192.5	76.9	1996
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10:31:29.593	192.4	77.3	1992
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10:31:31.593	192.2	81.8	1986
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10:31:42.593	191.5	82.1	1898
10:31:43.593	191.4	81.3	1900
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43.89703	486.979759	392.446316	75.4	0.000679	0.00007	0	19	0.9
40.73964	484.852566	392.7	75.4	0.000636	0.00006	0	19	0.9
41.57781	482.725373	402.837539	75.4	0.000643	0.00006	0.00001	19	0.9
46.47711	481.246126	408.606815	75.4	0.000727	0.00008	0.00002	19	1
47.77977	480.102158	393.4	75.4	0.000777	0.00008	0.00002	19	1
46.16667	478.958191	394.424041	75.5	0.000741	0.00007	0.00002	19	0.9
42.75454	477.814224	395	75.5	0.000663	0.00007	0.00002	19	0.9
40.5045	476.76061	428.196717	75.5	0.000616	0.00006	0	19	0.9
43.64685	479.091765	395.78247	75.5	0.000686	0.00007	0.00002	19	0.9
47.8225	481.422919	396.6	75.5	0.000786	0.00007	0.00002	19	0.9
49.8564	483.754074	397.215473	75.5	0.000815	0.00008	0.00003	19	0.9
49.48262	486.085229	398.688767	75.4	0.000794	0.00008	0.00003	19	0.9
49.90148	487.561411	424.584776	75.5	0.000793	0.00008	0.00003	19	0.9
48.84444	487.93162	399.417998	75.5	0.000781	0.00007	0	19	0.9
49.71265	488.301829	399.7	75.6	0.00078	0.00007	0	19	0.9
49.48773	488.672038	400.747758	75.7	0.000782	0.00007	0	19	0.9
49.16626	489.042247	423.954854	75.7	0.000774	0.00007	0	19	0.9
48.16987	489.713372	405.825358	75.8	0.000765	0.00007	0	19	0.9
50.4898	490.440116	401.3	76	0.000781	0.00007	0	19	0.9
52.27	491.16686	402.9	76.2	0.000846	0.00008	0	19	0.9
51.45237	491.893605	402.9	76.3	0.000814	0.00008	0	19	0.9
52.54202	492.594557	439.679464	76.5	0.000823	0.00007	0	19	0.8
51.67658	492.400173	404.7	76.6	0.000835	0.00008	0	19	0.9
51.54833	492.205788	404.7	77	0.000817	0.00008	0	19	0.9
50.0635	492.011404	404.7	77.3	0.000796	0.00007	0	19	0.8
49.87022	491.817019	405.481116	77.3	0.00078	0.00007	0	19	0.8
49.66511	491.040977	436.239651	77.3	0.000783	0.00007	0	19	0.8
48.57377	489.385139	405.5	77.3	0.00077	0.00007	0	19	0.8
47.10762	487.729302	406.062353	77.3	0.000738	0.00006	0	19	0.8
45.62936	486.073465	405.534865	77.3	0.000716	0.00006	0	19	0.8
44.74461	484.417627	416.279452	77.3	0.0007	0.00006	0	19	0.8
44.63844	488.172553	414.450862	77.3	0.000703	0.00006	0.00001	19	0.8
44.63	495.146321	406.3	77.3	0.00071	0.00006	0.00002	19	0.8
59.78078	502.12009	405.744103	77.3	0.00108	0.00009	0.00003	19	0.8
81.25405	509.093858	406.734352	77.1	0.001301	0.00011	0.00006	19	0.8
64.11227	516.067626	445.253146	77	0.000947	0.00008	0.00006	19	0.7
34.98519	485.76107	407.91493	77.2	0.000349	0.00004	0.00002	19	0.7
25.9411	452.990355	407.2	77.3	0.000151	0.00005	0.00002	19	0.9
28.85809	420.219641	407.2	76.7	0.000076	0.00005	0.00002	19	1
26.87077	387.448926	407.2	76.3	0.000096	0.00004	0.00003	19	0.8
35.17942	373.896243	391.78963	75.1	0.000246	0.00004	0.00004	19	0.7
41.16731	392.237315	406.3	73.9	0.00045	0.00004	0.00006	19	0.6
42.8863	410.578388	406.3	73.6	0.000608	0.00005	0.00006	19	0.6
45.94287	428.91946	406.3	73.5	0.000717	0.00005	0.00002	19	0.6
48.7918	447.260532	413.026768	73.3	0.000755	0.00005	0.00002	19	0.6
47.93381	456.45311	416.192298	73.4	0.000754	0.00005	0	19	0.6
47.82904	460.45485	407.2	73.4	0.000758	0.00005	0	19	0.6
48.74433	464.45659	407.2	73.5	0.000773	0.00005	0	19	0.6
48.34387	468.45833	407.2	73.5	0.000774	0.00005	0	19	0.6
44.82606	472.307965	434.391975	73.5	0.000716	0.00005	0	19	0.6
43.46038	472.50708	407.00274	73.7	0.000672	0.00005	0	19	0.6
41.95845	472.706195	406.3	73.6	0.000655	0.00004	0	19	0.6
42.39436	472.90531	406.3	73.6	0.000669	0.00005	0	19	0.6
43.13994	473.104425	409.632579	73.5	0.000687	0.00005	0	19	0.6
44.67126	473.395652	423.746927	73.5	0.000725	0.00005	0	19	0.7
46.07126	473.771906	404.969416	73.5	0.000751	0.00006	0	19	0.7
46.30839	474.148161	404.7	73.4	0.000751	0.00006	0	19	0.7
45.36572	474.524415	403.629643	73.4	0.000733	0.00006	0	19	0.7
44.95539	474.900669	418.419501	73.4	0.000716	0.00005	0	19	0.7
46.46542	475.867616	409.419913	73.4	0.000721	0.00006	0	19	0.7
45.13988	477.046441	402.054717	73.4	0.000714	0.00005	0	19	0.7
44.85435	478.225267	401.3	73.4	0.000713	0.00005	0	19	0.7
46.23612	479.404093	400.679034	73.4	0.000744	0.00006	0	19	0.7

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44.89414	479.482833	399.7	73.3	0.000718	0.00006	0	19	0.7
43.4405	479.118026	398.9	73.3	0.000683	0.00005	0	19	0.7
45.27206	478.753219	407.45081	73.4	0.00071	0.00005	0	19	0.7
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49.82664	479.044732	398.2	73.4	0.000807	0.00006	0	19	0.7
47.77328	479.217108	398.2	73.3	0.000762	0.00006	0	19	0.7
43.95574	479.389485	426.72973	73.3	0.000687	0.00005	0	19	0.7
41.66705	479.578329	398.2	73.4	0.000618	0.00005	0	19	0.7
41.279	479.768242	398.129412	73.5	0.000632	0.00005	0	19	0.7
44.06894	479.958156	397.4	73.4	0.000694	0.00006	0	19	0.8
46.4023	480.148069	397.919149	73.4	0.000751	0.00006	0	19	0.8
47.32147	480.339648	436.835294	73.3	0.00077	0.00007	0.00002	19	0.9
49.70466	480.537885	398.2	73.2	0.000797	0.00007	0	19	0.9
49.19275	480.736123	398.2	73.2	0.000802	0.00008	0	19	0.9
48.18878	480.934361	398.881432	73.3	0.000771	0.00007	0	19	0.9
46.51024	481.132599	407.39127	73.3	0.000738	0.00007	0	19	0.9
44.53441	481.561263	413.084076	73.4	0.00069	0.00007	0	19	0.9
43.69541	482.108632	399.596927	73.4	0.000679	0.00007	0	19	0.9
45.48463	482.656	398.9	73.4	0.000731	0.00007	0	19	0.9
46.34045	483.203368	399.219244	73.3	0.00077	0.00007	0	19	0.9
48.14632	483.750737	427.600743	73.3	0.000776	0.00007	0	19	0.9
47.46134	483.615955	399.7	73.3	0.000774	0.00007	0	19	0.9
47.58289	483.413708	400.018974	73.3	0.000764	0.00007	0	19	0.9
46.97785	483.211461	400.5	73.3	0.000757	0.00007	0	19	0.9
46.65665	483.009213	401.588734	73.3	0.00074	0.00007	0	19	0.9
45.85609	483.158706	425.436842	73.4	0.000727	0.00007	0	19	0.9
46.80417	483.721112	400.5	73.4	0.000736	0.00007	0	19	0.9
46.9816	484.283517	400.5	73.4	0.000758	0.00007	0	19	0.9
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47.77004	485.408328	424.206438	73.3	0.000763	0.00007	0	19	0.9
47.26759	485.02681	401.3	73.4	0.000759	0.00007	0	19	0.8
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46.10309	483.89613	401.610157	73.4	0.000723	0.00007	0	19	0.9
45.20342	483.330789	402.1	73.4	0.000713	0.00007	0	19	0.9
46.19504	482.9	437.404348	73.4	0.000727	0.00007	0	19	0.9
46.17778	482.9	402.1	73.4	0.000732	0.00007	0	19	0.9
46.78909	482.9	402.1	73.4	0.000739	0.00007	0	19	0.9
46.21783	482.9	402.1	73.3	0.00074	0.00007	0	19	0.9
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45.65555	482.9	402.37718	73.4	0.000727	0.00006	0	19	0.8
47.04116	482.9	430.45576	73.4	0.000734	0.00006	0	19	0.8
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41.54089	479.912807	419.650275	73.2	0.000643	0.00007	0	19	1
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10:33:54.593		85.3	1831
10:33:55.593		80.1	1841
10:33:56.593		85.2	1848
10:33:57.593		85.5	1857
10:33:58.593		80.6	1865
10:33:59.593	192.9	76.5	1874
10:34:00.593	192.8	78.2	1882
10:34:01.593	192.6	71.8	1879
10:34:02.593	192.5	42.7	1874
10:34:03.593	192.4	62.9	1860
10:34:04.593	192.3	82	1854
10:34:05.593	192.1	83.5	1858
10:34:06.593	192	86.8	1867

56.45536	489.752473	404.7	72.9	0.000935	0.00008	0	19	0.9
55.83271	493.541811	404.7	72.8	0.000925	0.00009	0	19	0.9
53.00616	497.215094	445.116416	72.8	0.000866	0.00008	0	19	0.9
51.51551	499.101887	404.7	72.9	0.000809	0.00008	0	19	0.9
52.33768	500.988679	404.909648	73.1	0.000839	0.00008	0	19	0.9
52.52538	502.875472	404.984101	73.1	0.000844	0.00008	0	19	0.9
56.16842	504.762264	404.7	73.1	0.000927	0.00008	0	19	0.9
57.0853	505.686405	449.339134	73.1	0.000946	0.00009	0	19	0.9
55.69759	503.528442	405.041277	73.1	0.000903	0.00009	0	19	0.9
52.47208	501.370479	405.03198	73.1	0.000848	0.00008	0	19	0.9
48.96043	499.212516	405.5	73.2	0.000799	0.00008	0	19	0.9
48.33961	497.054553	411.248592	73.3	0.000759	0.00007	0	19	0.9
47.25579	496.66238	422.417801	73.4	0.000747	0.00007	0	19	0.9
48.50786	497.427909	405.5	73.4	0.000765	0.00007	0	19	0.9
48.78965	498.193438	404.7	73.4	0.000781	0.00007	0	19	0.9
51.36795	498.958968	405.127294	73.4	0.000826	0.00008	0	19	0.9
51.88935	499.771127	444.363934	73.3	0.000844	0.00008	0	19	0.9
52.47374	501.993833	404.843423	73.3	0.000852	0.00008	0	19	0.9
52.71207	504.21654	405.5	73.3	0.000844	0.00008	0	19	0.9
56.628	506.439246	404.870839	73.2	0.000907	0.00008	0	19	0.9
58.11608	508.661952	405.565844	73.2	0.000972	0.00009	0	19	0.9
63.23895	510.613289	436.085239	73.2	0.001032	0.00009	0	19	0.9
62.40807	512.223422	404.984096	73.1	0.001033	0.00009	0	19	0.9
60.61816	513.833555	404.7	73.1	0.001001	0.00008	0	19	0.8
60.02625	515.443688	405.5	73.1	0.000963	0.00008	0	19	0.8
57.80836	517.053821	427.654115	73.2	0.000935	0.00008	0	19	0.8
53.49958	507.939877	416.879661	73.2	0.000887	0.00008	0	19	0.8
51.17897	495.888764	405.5	73.2	0.00081	0.00007	0	19	0.8
47.58055	483.837651	405.5	73.2	0.000721	0.00007	0	19	0.8
46.48968	471.786539	404.87862	73.1	0.000651	0.00006	0	19	0.8
77.30554	464.471877	430.909363	72.9	0.001051	0.00011	0	19	0.8
100.16133	471.674629	404.962366	72.8	0.001451	0.00012	0	19	0.8
78.47343	478.877381	405.5	72.4	0.001191	0.00011	0	19	0.8
51.18678	486.080133	405.5	72.8	0.000731	0.00007	0	19	0.8
36.38086	493.282885	410.797897	73.2	0.000538	0.00005	0	19	0.8
49.66881	497.008637	426.21192	73.4	0.000714	0.00006	0	19	0.8
58.25261	498.36769	405.5	73.5	0.000941	0.00008	0.00007	19	0.8
54.6192	499.726743	404.810511	73.2	0.000885	0.00007	0.00009	19	0.8
50.08786	501.085796	405.5	73	0.000814	0.00007	0.00004	19	0.8
45.67842	502.286845	445.427632	72.9	0.0007	0.00006	0	19	0.8
42.69	498.857904	404.867562	72.8	0.00065	0.00006	0	19	0.8
42.996	495.428963	405.5	72.8	0.00067	0.00006	0	19	0.8
42.76477	492.000022	404.892041	72.8	0.000661	0.00006	0	19	0.9
38.88728	488.57108	404.7	72.7	0.000612	0.00006	0	19	0.9
37.77747	480.867241	431.546256	72.6	0.000581	0.00006	0	19	0.9
38.09548	466.643103	404.7	72.5	0.000578	0.00006	0.00002	19	0.9
38.57465	452.418966	403.876873	72.4	0.000567	0.00006	0.00002	19	0.9
33.23066	438.194828	404.7	72.3	0.000478	0.00005	0.00003	19	0.9
36.66599	423.97069	408.102743	72.2	0.000342	0.00005	0.00004	19	0.9
44.38256	432.501829	405.911867	72.1	0.000482	0.00007	0.00007	19	0.9
55.48521	448.377265	404.7	71.6	0.000786	0.00008	0.00007	19	0.9
57.2043	464.2527	405.5	71	0.000865	0.00008	0.00003	19	0.9
53.55899	480.128136	405.5	70.9	0.000857	0.00008	0	19	0.9
54.40701	492.904211	448.975231	71	0.000883	0.00008	0	19	0.9
55.7865	489.881106	406.3	71.3	0.000947	0.00009	0	19	1
54.69643	486.858	406.3	71.6	0.000922	0.00009	0	19	1
53.71965	483.834895	407.122823	71.9	0.000882	0.00009	0	19	1
45.86994	480.81179	412.706667	72.2	0.000626	0.00007	0	19	1
29.62905	478.982416	423.54881	72.6	0.000333	0.00005	0	19	1
36.64013	478.198955	407.413944	72.9	0.000324	0.00008	0.00001	19	1.5
42.27401	477.415495	407.254614	72.8	0.000506	0.00007	0.00002	19	1
46.97081	476.632035	408	72.2	0.000712	0.00008	0.00002	19	1
50.85586	475.848575	431.255074	71.9	0.000803	0.00008	0.00001	19	1

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152.856407	1	0.65243
152.164059	1	0.65251
146.66723	1	0.65259
141.170402	1	0.65267
135.673573	1	0.65275
130.176744	1	0.65284
133.987931	1	0.65293
143.901724	1	0.65301
153.815517	1	0.65309
163.72931	1	0.65316
173.643103	1	0.65323
167.267569	1	0.6533
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153.299869	1	0.65345
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141.000654	1	0.65361
138.384565	1	0.65369
135.768476	1	0.65377
133.152387	1	0.65386
130.536298	1	0.65395
132.682978	1	0.65404
136.057794	1	0.65412
139.432609	1	0.6542
142.807425	1	0.65428
148.100198	1	0.65436
186.992749	1	0.65443
225.8853	1	0.6545
264.777851	1	0.65456
303.670402	1	0.65467
308.961786	1	0.65479
281.052812	1	0.6549
253.143839	1	0.65497
225.234865	1	0.65502
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191.287933	1	0.65516
189.261819	1	0.65523
187.235705	1	0.6553
185.20959	1	0.65536
177.830746	1	0.65542
162.522423	1	0.65548
147.214101	1	0.65554
131.905778	1	0.6556
116.597456	1	0.65566
108.733591	1	0.65572
103.156585	1	0.65578
97.57958	1	0.65583
92.002574	1	0.65588
88.209393	1	0.65595
99.951076	1	0.65603
111.692759	1	0.65611
123.434442	1	0.65619
135.176125	1	0.65627
137.603478	1	0.65636
130.864348	1	0.65645
124.125217	1	0.65654
117.386087	1	0.65661
110.646957	1	0.65666
123.215254	1	0.65674
137.833898	1	0.65681
152.452542	1	0.65689
167.071186	1	0.65697

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10:34:08.593	191.7	76.4	1890
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10:34:10.593	191.5	74.4	1922
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10:34:12.593	191.2	67.9	1934
10:34:13.593	191.1	82.3	1933
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10:34:17.593	190.6	73.1	1919
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10:34:19.593		78.5	1905
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10:34:22.593		72.2	1875
10:34:23.593		82	1863
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10:34:25.593		76.1	1848
10:34:26.593	190.9	69.9	1841
10:34:27.593	191	73.7	1829
10:34:28.593	191	76.5	1821
10:34:29.593	191.1	82.6	1813
10:34:30.593	191.2	83.1	1809
10:34:31.593	191.2	84.4	1809
10:34:32.593	191.3	80.3	1815
10:34:33.593	191.4	78.1	1820
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10:34:35.593	191.5	79	1827
10:34:36.593	191.6	80.3	1832
10:34:37.593	191.6	75.2	1836
10:34:38.593	191.7	74.3	1835
10:34:39.593	191.7	76.4	1833
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10:34:44.593	192.1	79.8	1850
10:34:45.593	192.1	77.9	1854
10:34:46.593		78.8	1858
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10:34:48.593		79.8	1868
10:34:49.593		80.4	1874
10:34:50.593		80	1880
10:34:51.593		79.4	1883
10:34:52.593		78.3	1885
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10:34:55.593	192.2	77.8	1896
10:34:56.593	192.2	78.4	1898
10:34:57.593	192.2	78.4	1901
10:34:58.593	192.2	79.2	1903
10:34:59.593	192.2	78.8	1904
10:35:00.593	192.2	78.8	1908
10:35:01.593	192.2	78.8	1911
10:35:02.593	192.2	78.9	1911
10:35:03.593	192.2	79	1910
10:35:04.593	192.2	78.5	1912
10:35:05.593	192.2	78.4	1913
10:35:06.593	192.2	78.1	1915
10:35:07.593	192.2	77.7	1917
10:35:08.593	192.2	78.7	1916
10:35:09.593	192.2	78.2	1919

57.9478	485.72672	407.852091	71.9	0.00103	0.0001	0	19	1
83.6067	496.309577	408.8	72	0.00131	0.00013	0	19	1
81.23581	506.892434	408.8	72.2	0.001304	0.00013	0	19	1
68.25855	517.475291	411.809531	72.6	0.00111	0.00013	0	19	1.1
59.74191	521.087106	436.760925	73.1	0.001006	0.00011	0	19	1.1
48.00828	519.288006	408.8	73.9	0.000738	0.00008	0	19	1
41.20284	517.488906	408.029714	74.5	0.000655	0.00007	0	19	1
50.9614	515.689805	408	74.9	0.000797	0.00008	0	19	1
55.82765	513.890705	438.535556	74.9	0.000903	0.00009	0	19	1
54.02618	510.626817	411.052953	74.8	0.000868	0.0001	0	19	1.1
47.81312	507.189252	407.2	74.6	0.000741	0.00009	0	19	1.1
45.44099	503.751688	407.2	74.5	0.000692	0.00008	0	19	1.1
44.48052	500.314123	406.726567	74.3	0.000686	0.00007	0	19	1
43.52821	496.904904	445.054391	74.1	0.000693	0.00007	0	19	1
41.19573	493.903424	406.172229	74	0.000614	0.00007	0	19	1
37.04549	490.901945	405.5	73.7	0.000567	0.00006	0	19	1
42.01313	487.900465	405.5	73.3	0.00064	0.00007	0.00002	19	1
43.26408	484.898985	405.5	72.9	0.00068	0.00007	0.00002	19	1
42.58419	482.198289	434.006696	72.2	0.000662	0.00006	0.00002	19	0.9
38.63815	480.097358	405.066058	71.9	0.000592	0.00006	0.00002	19	0.9
37.0642	477.996426	405.376289	71.8	0.000546	0.00005	0.00002	19	0.9
37.52637	475.895495	404.7	71.5	0.000564	0.00006	0.00002	19	0.9
40.19706	473.794564	418.053283	71.1	0.000645	0.00005	0.00002	19	0.8
44.44916	476.033865	415.373282	70.8	0.000717	0.00006	0.00002	19	0.8
50.54925	479.986256	404.762425	70.3	0.000813	0.00006	0.00002	19	0.8
51.48091	483.938648	405.31674	70.1	0.000877	0.00007	0.00002	19	0.8
51.18209	487.89104	405.219836	70.1	0.000863	0.00007	0	19	0.8
50.86269	490.389971	443.3	70.2	0.000833	0.00007	0	19	0.8
49.88311	488.836832	405.76865	70.2	0.000811	0.00008	0	19	0.9
50.02418	487.283692	406.795595	70.5	0.000796	0.00007	0	19	0.9
46.12043	485.730552	407.2	70.7	0.000748	0.00007	0	19	0.9
41.63082	484.177413	423.926287	70.8	0.000638	0.00006	0	19	0.8
37.03971	485.68227	416.820694	71	0.00057	0.00006	0	19	0.9
43.87255	488.168757	407.298712	71.1	0.000684	0.00006	0	19	0.9
49.17763	490.655243	407.652312	71	0.000806	0.00007	0	19	0.9
50.23289	493.14173	408.307278	71	0.000837	0.00007	0	19	0.9
51.44595	495.272075	450.677168	71	0.000844	0.00008	0	19	0.9
51.501	495.060525	408.168784	71	0.000842	0.00008	0	19	0.9
50.5404	494.848974	408.8	71.1	0.000825	0.00008	0	19	0.9
50.39552	494.637423	409.409769	71.4	0.000806	0.00008	0	19	0.9
50.00834	494.425873	409.6	71.6	0.000803	0.00008	0	19	0.9
49.38801	494.3	436.873155	71.8	0.000798	0.00007	0	19	0.9
49.39569	494.3	408.997558	71.9	0.000789	0.00007	0	19	0.9
49.86934	494.3	409.6	72.2	0.000797	0.00007	0	19	0.9
50.13	494.3	409.6	72.4	0.000799	0.00008	0	19	1
48.72536	494.3	451.684898	72.6	0.000796	0.00008	0	19	1
49.16157	494.3	409.375924	72.7	0.000781	0.00008	0	19	1
48.78339	494.3	408.8	72.9	0.000776	0.00008	0	19	1
48.27082	494.3	408.8	73.1	0.000773	0.00008	0	19	1
48.73387	494.3	414.594606	73.2	0.000773	0.00008	0	19	1
48.37741	494.19192	429.044635	73.3	0.000773	0.00008	0	19	1
49.01605	493.991027	409.6	73.4	0.000777	0.00008	0	19	1
48.87647	493.790134	408.161844	73.5	0.000776	0.00009	0	19	1.1
48.76229	493.589241	408.402635	73.5	0.000779	0.00009	0	19	1.1
48.46492	493.4	444.6	73.7	0.000779	0.00008	0	19	1
48.81135	493.4	408.8	73.8	0.000781	0.00008	0	19	1
49.51784	493.4	408.594466	73.9	0.00078	0.00008	0	19.7	1
48.55756	493.4	408	74	0.000776	0.00008	0	20	1
48.55874	493.4	408.677718	74	0.000777	0.00008	0	20	1
48.91044	493.476723	439.006324	74.1	0.000779	0.00007	0	20	0.9
49.09289	493.675486	408.308188	74.2	0.000773	0.00008	0	20	1
48.14046	493.874249	408	74.2	0.000781	0.00008	0	20	1
49.22732	494.073012	408.169335	74.2	0.000787	0.00008	0	20	1

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221.18349	1	0.65733
240.498275	1	0.65746
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136.757504	1	0.65837
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123.369467	1	0.6585
116.675448	1	0.65857
109.981429	1	0.65863
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103.323623	1	0.65874
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97.834917	1	0.65885
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105.882287	1	0.65897
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128.389602	1	0.65911
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155.886609	1	0.65952
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146.815335	1	0.65965
142.279698	1	0.65972
137.74406	1	0.6598
136.625162	1	0.65988
140.739498	1	0.65996
144.853833	1	0.66004
148.968168	1	0.66012
153.082503	1	0.66019
153.284201	1	0.66026
152.362966	1	0.66033
151.441732	1	0.66041
150.520497	1	0.66049
150.476974	1	0.66057
151.573465	1	0.66065
152.669956	1	0.66073
153.766447	1	0.66081
154.862939	1	0.66089
154.228905	1	0.66097
153.347654	1	0.66106
152.466402	1	0.66115
151.585151	1	0.66123
150.928174	1	0.66131
150.714408	1	0.66139
150.500641	1	0.66147
150.286875	1	0.66155
150.073108	1	0.66162
149.70885	1	0.6617
149.266372	1	0.66178
148.823894	1	0.66186

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10:35:12.593	192.2	77.8	1925
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10:35:19.593		77.1	1949
10:35:20.593		77.7	1948
10:35:21.593	192.2	78.3	1953
10:35:22.593	192.2	78.3	1956
10:35:23.593	192.2	77.7	1952
10:35:24.593	192.2	63.8	1946
10:35:25.593	192.2	58.6	1933
10:35:26.593	192.2	65.5	1921
10:35:27.593	192.2	71.9	1911
10:35:28.593	192.2	72.5	1902
10:35:29.593	192.2	70.9	1895
10:35:30.593	192.2	70.6	1885
10:35:31.593	192.2	71.4	1876
10:35:32.593	192.2	71.2	1870
10:35:33.593	192.2	71.8	1865
10:35:34.593	192.2	72	1855
10:35:35.593	192.2	72	1852
10:35:36.593	192.2	71.8	1849
10:35:37.593	192.2	72.2	1846
10:35:38.593	192.2	72.2	1844
10:35:39.593	192.2	72.8	1841
10:35:40.593	192.2	72.4	1838
10:35:41.593		77.2	1839
10:35:42.593		82.3	1846
10:35:43.593		77	1862
10:35:44.593		75.2	1883
10:35:45.593		78.4	1901
10:35:46.593		77.7	1918
10:35:47.593		79.1	1931
10:35:48.593	192.7	78.2	1939
10:35:49.593	192.8	76.2	1943
10:35:50.593	192.8	79.4	1949
10:35:51.593	192.9	79.7	1952
10:35:52.593	193	78.8	1956
10:35:53.593	193	78.8	1958
10:35:54.593	193.1	78.8	1960
10:35:55.593	193.1	77.7	1967
10:35:56.593	193.2	78.5	1968
10:35:57.593	193.3	65.1	1967
10:35:58.593	193.3	66.1	1962
10:35:59.593	193.4	72.8	1955
10:36:00.593	193.5	74.2	1948
10:36:01.593	193.5	72.5	1943
10:36:02.593	193.6	72.5	1939
10:36:03.593	193.7	72	1933
10:36:04.593	193.7	71.8	1930
10:36:05.593	193.8	78	1927
10:36:06.593	193.9	81.4	1927
10:36:07.593	193.9	78.3	1928
10:36:08.593		78.1	1932
10:36:09.593		79.5	1933
10:36:10.593		79	1934
10:36:11.593		78.5	1938
10:36:12.593		77.7	1944

49.729	494.271776	433.445347	74.3	0.000787	0.00008	0	20	1
49.07376	493.806351	412.352294	74.3	0.000785	0.00007	0	20	0.9
47.64102	493.231002	408.696063	74.3	0.000762	0.00007	0	20	0.9
47.69	492.655654	408	74.4	0.000755	0.00007	0	20	0.9
47.66432	492.080305	408.644181	74.6	0.000753	0.00008	0	20	1
47.26092	491.57139	439.474225	74.6	0.000761	0.00008	0	20	1
47.64304	491.192011	408.37577	74.6	0.000766	0.00008	0	20	1
47.69	490.812631	408.558	74.7	0.000766	0.00008	0	20	1
47.66299	490.433252	408.8	74.8	0.000759	0.00008	0	20	1
46.72108	490.053872	429.87957	74.9	0.000746	0.00008	0	20	1
46.26211	488.709091	412.651383	75	0.000751	0.00008	0	20	1
46.92307	487.204535	409.6	75.3	0.000745	0.00008	0	20	1
46.95211	485.699979	409.6	75.5	0.000745	0.00008	0	20	1
45.58143	484.195423	409.6	75.6	0.000714	0.00007	0	20	0.9
38.67417	481.962615	445.20428	75.7	0.000523	0.00005	0	20	0.9
31.69992	475.218835	408.8	75.6	0.000447	0.00005	0	20	0.9
33.8653	468.475055	409.256278	75.2	0.000451	0.00005	0.00003	20	0.9
37.36	461.731275	408.843329	74.8	0.000511	0.00006	0.00006	20	0.9
39.20566	454.987495	413.029847	74.6	0.000573	0.00006	0.00008	20	0.9
39.38887	451.886042	419.67	74.4	0.000594	0.00007	0.00007	20	1
38.40824	451.68145	409.6	73.7	0.000579	0.00006	0.00006	20	1
38.11652	451.476858	409.556164	73.4	0.000578	0.00006	0.00004	20	1
37.6449	451.272266	409.617251	73	0.000572	0.00006	0.00004	20	1
38.38	451.042839	430.225507	72.7	0.000565	0.00006	0	20	1
38.10541	450.68106	409.6	72.6	0.000567	0.00006	0	20	1
37.34739	450.319281	409.912451	72.3	0.000574	0.00006	0	20	1
37.48329	449.957502	410.4	72.1	0.000573	0.00006	0.00001	20	1
38.07952	449.595722	410.125139	71.9	0.000571	0.00006	0	20	1
37.31118	452.367672	421.722092	71.7	0.000569	0.00006	0	20	0.9
37.24344	458.83319	409.6	71.6	0.000567	0.00006	0.00002	20	0.9
36.99851	465.298707	410.334823	71.5	0.000571	0.00006	0.00004	20	0.9
49.33447	471.764224	409.6	71.4	0.000738	0.00007	0.00005	20	0.9
79.73259	478.229741	425.516264	71.2	0.001214	0.00012	0	20	1
77.48321	487.075042	410.4841	71.1	0.00129	0.00013	0	20	1
75.28311	496.446278	410.812747	71.2	0.00123	0.00013	0	20	1
71.71603	505.817514	410.4	71.6	0.001155	0.00012	0	20	1
69.91262	515.18875	422.303254	72.2	0.001112	0.00011	0	20	1
64.2417	516.829016	428.686948	73	0.001067	0.00011	0	20	1
59.33537	514.626943	410.4	73.7	0.000991	0.0001	0	20	1
55.35196	512.42487	409.758153	74.3	0.000915	0.0001	0	20	1.1
54.41347	510.222798	409.979147	74.9	0.000853	0.0001	0	20	1.1
54.63402	508.063436	450.308333	75.1	0.000869	0.0001	0	20	1.1
54.506	507.047778	408	75.3	0.000872	0.0001	0	20	1.1
54.37154	506.03212	407.690476	75.5	0.00087	0.0001	0	20	1.1
53.8013	505.016462	407.2	75.6	0.000872	0.0001	0	20	1.1
53.39157	504.000804	406.415016	75.7	0.000863	0.00009	0	20	1
54.08643	501.750337	444.454312	75.8	0.000857	0.00009	0	20	1
47.99154	496.751424	405.794737	75.9	0.000764	0.00008	0	20	1
38.24	491.75251	404.742105	76.1	0.000566	0.00007	0	20	1
38.07047	486.753597	404.492308	76.1	0.000555	0.00006	0	20	1
39.07131	481.754684	418.331886	76.1	0.000605	0.00007	0.00001	20	1
40.30537	478.48004	410.723077	75.8	0.000623	0.00007	0.00002	20	1
40.6325	475.9131	402.9	75.6	0.00062	0.00007	0.00004	20	1
40.07312	473.346161	403.34358	75.5	0.000617	0.00007	0.00004	20	1
39.81289	470.779221	402.699787	75.2	0.00062	0.00007	0.00004	20	1
42.00666	469.270402	434.590237	75	0.000629	0.00007	0.00004	20	1
44.45689	472.272516	401.544418	74.9	0.000716	0.00007	0.00005	20	1
47.16934	475.27463	402.1	74.7	0.000767	0.00008	0.00002	20	1
48.15969	478.276744	401.445828	74.6	0.000784	0.00008	0.00002	20	1
49.96714	481.278858	403.157024	74.7	0.000786	0.00008	0.00001	20	1
49.52141	483.252415	426.289723	74.7	0.00078	0.00008	0	20	1
49.45239	484.018536	402.1	74.8	0.000786	0.00008	0	20	1
49.97587	484.784656	402.1	74.9	0.000793	0.00008	0	20	1

148.381416	1	0.66194
147.844279	1	0.66201
146.715865	1	0.66208
145.587452	1	0.66215
144.459039	1	0.66223
143.330625	1	0.66231
141.456669	1	0.66239
139.273739	1	0.66247
137.09081	1	0.66255
134.90788	1	0.66263
132.537065	1	0.66271
128.862978	1	0.66279
125.188891	1	0.66287
121.514804	1	0.66294
117.840718	1	0.66299
112.359227	1	0.66304
105.06309	1	0.66309
97.766953	1	0.66315
90.470815	1	0.66321
83.174678	1	0.66328
82	1	0.66334
82	1	0.6634
82	1	0.66346
82	1	0.66352
81.908509	1	0.66358
81.695244	1	0.66364
81.481979	1	0.6637
81.268714	1	0.66376
81.055449	1	0.66382
135.020665	1	0.66388
208.021563	1	0.66394
281.022462	1	0.66401
354.02336	1	0.66413
393.357389	1	0.66426
349.459435	1	0.66439
305.56148	1	0.66451
261.663526	1	0.66462
217.765571	1	0.66473
200.962547	1	0.66483
185.981273	1	0.66493
171	1	0.66503
156.018727	1	0.66513
146.66264	1	0.66523
145.815003	1	0.66533
144.967366	1	0.66543
144.119729	1	0.66552
143.272092	1	0.66561
136.356164	1	0.66569
126.571429	1	0.66576
116.786693	1	0.66582
107.001957	1	0.66589
97.826802	1	0.66596
95.661832	1	0.66603
93.496861	1	0.6661
91.33189	1	0.66617
89.166919	1	0.66624
91.1241	1	0.66631
97.900889	1	0.66639
104.677679	1	0.66647
111.454468	1	0.66655
118.231258	1	0.66663
121.88721	1	0.66671
124.440945	1	0.66679

10:36:13.593		76.4	1947
10:36:14.593		77.5	1947
10:36:15.593		78	1949
10:36:16.593	193.5	76.1	1948
10:36:17.593	193.4	78.1	1948
10:36:18.593	193.4	78.1	1947
10:36:19.593	193.3	78	1946
10:36:20.593	193.2	77.8	1945
10:36:21.593	193.2	76.9	1944
10:36:22.593	193.1	77.4	1942
10:36:23.593	193	77.8	1939
10:36:24.593	193	76.9	1938
10:36:25.593	192.9	78.4	1934
10:36:26.593	192.8	76.7	1930
10:36:27.593	192.8	76.8	1926
10:36:28.593	192.7	76.7	1924
10:36:29.593	192.6	77.1	1920
10:36:30.593	192.6	77.5	1918
10:36:31.593	192.5	75.2	1914
10:36:32.593	192.4	74.9	1908
10:36:33.593	192.4	60.3	1892
10:36:34.593	192.3	73.1	1879
10:36:35.593	192.3	82.7	1875
10:36:36.593		78.5	1874
10:36:37.593		79	1879
10:36:38.593		79.5	1884
10:36:39.593		79.6	1888
10:36:40.593		78.7	1892
10:36:41.593		79.2	1895
10:36:42.593		76	1897
10:36:43.593		72.3	1898
10:36:44.593	192.2	73.9	1894
10:36:45.593	192.2	77.7	1890
10:36:46.593	192.2	77.7	1889
10:36:47.593	192.2	66.3	1884
10:36:48.593	192.2	68.1	1879
10:36:49.593	192.2	74.1	1868
10:36:50.593	192.2	80.3	1866
10:36:51.593	192.2	79.4	1870
10:36:52.593	192.2	77.6	1870
10:36:53.593	192.2	77.3	1872
10:36:54.593	192.2	91.6	1876
10:36:55.593	192.2	84	1887
10:36:56.593	192.2	77.2	1903
10:36:57.593	192.2	74.3	1924
10:36:58.593	192.2	74.8	1941
10:36:59.593	192.2	71.9	1948
10:37:00.593	192.2	68.8	1957
10:37:01.593	192.2	80.3	1958
10:37:02.593	192.2	77.9	1964
10:37:03.593	192.2	75.7	1965
10:37:04.593		77	1966
10:37:05.593		78.3	1965
10:37:06.593		80.3	1966
10:37:07.593		82.6	1972
10:37:08.593		84.4	1977
10:37:09.593		75	1982
10:37:10.593		75.2	1985
10:37:11.593		79.8	1988
10:37:12.593	191.6	80.4	1990
10:37:13.593	191.6	78.1	1990
10:37:14.593	191.5	74.3	1992
10:37:15.593	191.4	63.5	1991

47.63427	485.550777	401.878344	75	0.000774	0.00008	0	20	1
47.59504	486.316897	420.404457	75.2	0.000759	0.00008	0	20	1
47.79595	485.735944	411.146797	75.3	0.000739	0.00008	0	20	1
44.4242	484.731928	402.101051	75.4	0.000707	0.00008	0	20	1
44.40731	483.727912	402.9	75.5	0.000692	0.00007	0	20	1
43.85988	482.723896	402.9	75.5	0.000697	0.00007	0	20	1
44.71325	481.842612	435.90376	75.5	0.000706	0.00007	0	20	1
44.26714	481.278499	402.9	75.4	0.000707	0.00008	0	20	1
44.13539	480.714385	402.9	75.4	0.000702	0.00007	0	20	1
43.87803	480.150271	403.778077	75.4	0.000699	0.00007	0	20	1
44.59557	479.586158	412.05585	75.4	0.000702	0.00007	0	20	1
44.3366	478.883401	416.813929	75.3	0.0007	0.00007	0	20	0.9
44.08684	478.112358	403.8	75.2	0.000701	0.00006	0	20	0.8
43.09701	477.341315	403.8	75	0.00069	0.00006	0	20	0.8
42.80883	476.570272	404.192431	74.9	0.000675	0.00006	0	20	0.8
41.50928	475.796646	431.534311	74.8	0.00066	0.00006	0	20	0.8
42.2457	472.442215	405.358132	74.6	0.000659	0.00006	0	20	0.8
41.91375	469.087785	404.7	74.5	0.000657	0.00006	0	20	0.8
40.61079	465.733354	404.7	74.4	0.000649	0.00006	0.00002	20	0.8
40.3896	462.378924	405.346121	74.3	0.000585	0.00005	0	20	0.8
27.95481	460.977371	429.156842	74.3	0.000435	0.00004	0	20	0.8
44.29737	465.105229	405.5	73.9	0.000539	0.00007	0.00001	20	0.9
56.60149	469.233086	405.5	73.6	0.000793	0.00008	0.00006	20	0.9
53.94711	473.360944	405.5	73.1	0.000822	0.00008	0.00003	20	0.9
49.08132	477.488802	411.369348	72.7	0.000792	0.00008	0	20	0.9
50.35503	480.543306	422.951105	72.6	0.000812	0.00008	0	20	0.9
50.58	482.672366	406.547826	72.7	0.000814	0.00008	0	20	0.9
49.94665	484.801427	407.2	72.8	0.000796	0.00007	0	20	0.9
49.53588	486.930487	406.816879	73	0.000795	0.00007	0	20	0.9
49.21409	489.059548	436.361268	73.2	0.000785	0.00007	0	20	0.9
45.52079	486.294129	407.2	73.3	0.000708	0.00007	0	20	0.9
40.99495	483.433914	407.2	73.4	0.000621	0.00006	0	20	0.9
39.776	480.573699	407.2	73.4	0.000608	0.00006	0	20	0.9
40.76495	477.713484	406.406816	73.4	0.00062	0.00005	0	20	0.8
36.98254	475.292309	432.724479	73.3	0.000566	0.00005	0.00001	20	0.8
34.5408	473.758501	406.774757	73.2	0.000511	0.00005	0.00002	20	0.8
36.53471	472.224692	407.2	73.1	0.000554	0.00005	0.00004	20	0.8
42.90911	470.690884	406.3	72.9	0.00066	0.00006	0.00006	20	0.8
47.45611	469.157075	414.63758	72.6	0.000759	0.00006	0.00007	20	0.8
47.77718	475.588356	412.184179	72.4	0.000781	0.00007	0.00004	20	0.8
47.7463	485.400829	405.619897	72.3	0.000746	0.00007	0.00002	20	0.8
54.25316	495.213301	405.925205	72.3	0.000858	0.00007	0.00001	20	0.8
76.58912	505.025774	406.026452	72.4	0.001259	0.00011	0	20	0.9
80.62342	513.265621	454.962115	72.5	0.001327	0.00013	0	20	1
77.93463	509.520979	405.751923	72.6	0.001253	0.00013	0	20	1
73.29257	505.776337	406.3	73.1	0.001147	0.00012	0	20	1
57.04712	502.031694	406.3	73.8	0.000937	0.0001	0	20	1
39.51187	498.287052	416.550159	74.7	0.000624	0.00007	0	20	1
43.08502	496.003121	415.076364	75.1	0.000665	0.00007	0	20	1
44.79849	494.39715	404.7	75.5	0.000695	0.00007	0	20	1
42.47706	492.791178	404.7	75.8	0.000666	0.00007	0	20	1
42.79599	491.185207	404.7	75.9	0.000673	0.00007	0	20	1
43.83899	490.438053	441.16469	76	0.000691	0.00007	0	20	0.9
45.71382	492.110011	403.8	76.1	0.000719	0.00007	0.00002	20	1
47.28397	493.781968	403.8	76.2	0.000805	0.00008	0.00002	20	1
60.56516	495.453926	404.659355	76.2	0.000973	0.0001	0.00003	20	1
57.63332	497.125884	411.01863	76.3	0.000896	0.00009	0.00002	20	1
48.68134	497.704309	427.807564	76.4	0.000748	0.00008	0	20	1
48.01091	497.339893	403.8	76.5	0.000742	0.00008	0	20	1
49.25146	496.975477	403.8	76.8	0.000795	0.00008	0	20	1
50.018	496.611061	403.571084	76.9	0.00081	0.00008	0	20	1
50.02425	496.246645	431.326839	77	0.000791	0.00008	0	20	1
43.62767	479.272166	407.022008	77.1	0.000574	0.00007	0	20	1

126.99468	1	0.66687
129.548415	1	0.66695
131.848146	1	0.66703
128.051809	1	0.66711
124.255471	1	0.66718
120.459134	1	0.66725
116.662796	1	0.66732
114.149221	1	0.6674
112.635381	1	0.66747
111.12154	1	0.66754
109.607699	1	0.66761
108.093858	1	0.66768
107.383841	1	0.66774
106.726954	1	0.6678
106.070068	1	0.66786
105.413182	1	0.66792
103.310145	1	0.66798
98.75528	1	0.66804
94.200414	1	0.6681
89.645549	1	0.66815
85.090683	1	0.66819
91.977802	1	0.66826
108.572629	1	0.66834
125.167457	1	0.66842
141.762284	1	0.6685
158.357112	1	0.66858
157.864469	1	0.66866
155.49429	1	0.66873
153.124111	1	0.6688
150.753932	1	0.66887
146.496718	1	0.66894
136.868709	1	0.669
127.2407	1	0.66906
117.612691	1	0.66911
107.984683	1	0.66916
101.862957	1	0.66921
97.316519	1	0.66926
92.77008	1	0.66932
88.223641	1	0.66938
87.972674	1	0.66945
143.92583	1	0.66952
199.878985	1	0.66959
255.832141	1	0.6697
311.785296	1	0.66983
327.468182	1	0.66996
295.877273	1	0.67008
264.286364	1	0.67018
232.695455	1	0.67025
201.778491	1	0.67032
181.420004	1	0.67039
161.061518	1	0.67046
140.703032	1	0.67053
120.344545	1	0.6706
113.976931	1	0.67067
119.479577	1	0.67075
124.982222	1	0.67085
130.484868	1	0.67094
135.987513	1	0.67102
136.303308	1	0.6711
135.44952	1	0.67118
134.595731	1	0.67126
133.741942	1	0.67134
132.744196	1	0.67141

10:37:16.593	191.4	20.7	1977
10:37:17.593	191.3	43.1	1960
10:37:18.593	191.3	50.8	1947
10:37:19.593	191.2	52.8	1933
10:37:20.593	191.1	59	1927
10:37:21.593	191.1	64.8	1921
10:37:22.593	191	65.9	1917
10:37:23.593	190.9	65.8	1911
10:37:24.593	190.9	65.3	1909
10:37:25.593	190.8	66	1903
10:37:26.593	190.7	73.2	1901
10:37:27.593	190.7	85.1	1901
10:37:28.593	190.6	75.7	1911
10:37:29.593	190.6	55.2	1917
10:37:30.593	190.5	64.7	1919
10:37:31.593	190.4	75.5	1918
10:37:32.593		70.7	1915
10:37:33.593		69	1912
10:37:34.593		69.3	1906
10:37:35.593		68.1	1904
10:37:36.593		70.6	1900
10:37:37.593		72.2	1897
10:37:38.593		73.3	1896
10:37:39.593		72.5	1895
10:37:40.593	189.8	72.5	1890
10:37:41.593	189.8	72	1890
10:37:42.593	189.7	68.8	1884
10:37:43.593	189.7	64.8	1879
10:37:44.593	189.6	63	1873
10:37:45.593	189.5	49.1	1861
10:37:46.593	189.5	0	1841
10:37:47.593	189.4	0	1818
10:37:48.593	189.3	0	1794
10:37:49.593	189.3	0	1771
10:37:50.593	189.2	0	1747
10:37:51.593	189.1	0	1727
10:37:52.593	189.1	0	1704
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10:37:54.593	189	23	1674
10:37:55.593	188.9	56	1656
10:37:56.593	188.8	67.3	1648
10:37:57.593	188.8	81.3	1648
10:37:58.593	188.7	87.2	1652
10:37:59.593	188.6	88.4	1670
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10:38:02.593		76.7	1749
10:38:03.593		74.7	1772
10:38:04.593		77.8	1791
10:38:05.593		76.4	1801
10:38:06.593		68.3	1798
10:38:07.593	190.6	19.8	1785
10:38:08.593	190.8	0	1765
10:38:09.593	191.1	0	1744
10:38:10.593	191.4	0	1718
10:38:11.593	191.6	0	1694
10:38:12.593	191.9	0	1675
10:38:13.593	192.2	0	1653
10:38:14.593	192.4	0	1631
10:38:15.593	192.7	58	1613
10:38:16.593	193	96.5	1619
10:38:17.593	193.2	97.4	1648
10:38:18.593	193.5	82.1	1685

24.51404	459.859512	403.009692	77.1	0.000348	0.00005	0.00001	20	1
28.52033	440.446858	403.329519	77.2	0.000233	0.00005	0.00003	20	1
30.88552	421.034204	402.28988	77.1	0.000245	0	0.00004	20	0
30.10238	407.100294	403.9682	77	0.000289	0	0.00005	20	0
32.96273	410.421017	402.1	76.5	0.000384	0.00001	0.00007	20	0.1
37.07895	413.74174	402.1	75.3	0.000464	0.00002	0.00008	20	0.4
36.78783	417.062463	402.1	74.8	0.000485	0.00003	0.00007	20	0.5
35.94441	420.383186	402.1	74.6	0.000483	0.00003	0.00005	20	0.5
35.63145	428.161176	407.868725	74.4	0.000485	0.00003	0.00005	20	0.5
34.20487	440.710196	402.1	74.2	0.000473	0.00004	0	20	0.6
37.58645	453.259216	402.1	74	0.000575	0.00005	0	20	0.7
57.44412	465.808235	403.053518	73.9	0.000951	0.00007	0.00007	20	0.7
72.94771	478.357255	415.816238	73.7	0.001176	0.00009	0.00008	20	0.7
47.15159	479.623263	416.0275	73.4	0.000739	0.00007	0.00003	20	0.7
39.42005	474.487311	405.384132	73.9	0.000549	0.00005	0	20	0.8
38.96847	469.35136	405.5	74.2	0.000572	0.00005	0	20	0.8
37.52781	464.215408	405.149565	74.3	0.000554	0.00005	0	20	0.8
36.10075	459.087476	425.163551	74.2	0.000541	0.00005	0.00001	20	0.8
37.60006	455.956444	404.7	74.2	0.000541	0.00005	0.00004	20	0.8
36.78545	452.825413	404.7	74.1	0.000543	0.00005	0.00006	20	0.8
38.09044	449.694381	404.7	74	0.000552	0.00005	0.00007	20	0.8
39.01868	446.56335	404.7	73.9	0.000575	0.00005	0.00008	20	0.8
39.02545	444.5	419.655297	73.7	0.0006	0.00005	0.00007	20	0.8
39.00096	444.5	403.8	73.5	0.000606	0.00005	0.00006	20	0.8
38.95118	444.5	403.8	73.4	0.0006	0.00005	0.00006	20	0.8
38.46225	444.5	403.8	73.3	0.000587	0.00005	0.00004	20	0.8
37.55351	444.5	406.67524	73.3	0.000554	0.00006	0.00003	20	0.9
34.55436	434.234546	413.828571	73.2	0.000511	0.00005	0	20	0.9
31.86448	415.364227	402.385957	73.1	0.000446	0.00005	0.00001	20	0.9
29.76642	396.493907	402.1	72.9	0.000436	0.00005	0.00006	20	0.9
32.246	377.623588	401.3	72.7	0.000323	0.00005	0.0001	20	0.9
47.5907	358.753268	389.247874	72.5	0.000202	0.00007	0.00016	20	0.9
48.23436	338.230795	400.129942	72	0.000097	0.00009	0.00012	20	1.1
47.39026	317.338255	400.383077	71.2	0.000053	0.00007	0.00007	20	0.9
46.85631	296.445715	399.7	70.2	0.000037	0.00007	0.00007	20	0.9
46.76633	275.553175	399.7	68.8	0.000033	0.00007	0.00005	20	0.9
46.26151	263.124744	345.416522	68.1	0.000033	0.00007	0.00005	20	0.9
45.25878	269.274085	398.522326	67	0.000027	0.00006	0.00004	20	0.9
24.1121	275.423426	398.2	66.3	0.000016	0.00003	0.00002	20	0.9
27.63311	281.572767	397.4	65.8	0.000074	0.00004	0.00003	20	0.9
28.4431	287.722108	389.971074	64.6	0.000189	0.00004	0.00004	20	0.9
36.29398	310.81762	373.440299	64.1	0.000432	0.00006	0.00007	20	0.9
60.064	348.820666	396.6	64	0.000818	0.00008	0.00011	20	0.9
69.5732	386.823711	395.7	63.8	0.001183	0.00012	0.00013	20	1
84.90225	424.826757	395.101786	63.8	0.001374	0.00015	0.0001	20	1.1
84.07411	462.829802	417.79726	64.5	0.001349	0.00015	0.00005	20	1.1
77.91457	468.715245	390.813275	65.7	0.001257	0.00016	0.00004	20	1.2
75.77785	472.367913	387.606519	66.1	0.001144	0.00014	0	20	1.2
62.56936	476.020582	384.775108	67.3	0.000974	0.00012	0	20	1.2
49.15432	479.67325	382.680262	68.6	0.000849	0.00011	0	20	1.2
35.28783	470.479595	417.953623	68.9	0.000509	0.00007	0	20	1.1
28.32361	438.742942	378.634118	69.3	0.000359	0.00005	0.00001	20	1
27.24718	407.006288	377.293247	69.7	0.000272	0.00005	0.00003	20	0.9
43.9249	375.269635	376.314518	69.6	0.000164	0.00007	0.00006	20	1
44.56758	343.532982	369.052427	68.5	0.000068	0.00006	0.00006	20	0.9
44.53412	320.579243	365.657143	67.8	0.000041	0.00006	0.00007	20	0.9
44.72722	302.917773	370.803099	67.3	0.000031	0.00006	0.00007	20	0.9
45.15937	285.256303	368.650455	65.9	0.000031	0.00006	0.00007	20	0.9
45.20944	267.594833	367.270423	64.6	0.000029	0.00006	0.00006	20	0.9
22.04225	259.559877	310.512737	64.3	0.0001	0.00005	0.00005	20	0.9
70.2206	313.738061	364.108065	63.3	0.000656	0.0001	0.00011	20	0.8
94.32775	367.916245	362.272794	62.7	0.001523	0.00014	0.00021	20	0.9
94.43791	422.094429	360.097297	62.5	0.001593	0.00015	0.00021	20	0.9

130.791495	1	0.67146
128.838794	1	0.67151
126.886092	1	0.67151
124.933391	1	0.67151
121.915511	1	0.67152
117.922236	1	0.67154
113.928962	1	0.67157
109.935687	1	0.6716
105.942413	1	0.67163
130.193867	1	0.67167
163.170132	1	0.67172
196.146398	1	0.67179
229.122663	1	0.67188
261.897823	1	0.67195
227.838758	1	0.672
193.779694	1	0.67205
159.720629	1	0.6721
125.661565	1	0.67215
102.31304	1	0.6722
97.678534	1	0.67225
93.044028	1	0.6723
88.409522	1	0.67235
83.775016	1	0.6724
81.871806	1	0.67245
81.664035	1	0.6725
81.456264	1	0.67255
81.248494	1	0.67261
81.040723	1	0.67266
67.976242	1	0.67271
51.777538	1	0.67276
35.578834	1	0.67281
19.38013	1	0.67288
5.844989	1	0.67297
4.95412	1	0.67304
4.063252	1	0.67311
3.172383	1	0.67318
2.281514	0	0.67325
18.04356	0	0.67331
41.499058	0	0.67334
64.954555	0	0.67338
88.410052	0	0.67342
111.86555	0	0.67348
288.565744	0	0.67356
480.607266	0	0.67368
672.648789	1	0.67383
864.690311	1	0.67398
953.71361	1	0.67414
784.28768	1	0.67428
614.86175	1	0.6744
445.43582	1	0.67451
276.00989	1	0.67458
186.547609	1	0.67463
143.247307	1	0.67468
99.947006	1	0.67475
56.646704	1	0.67481
13.346402	1	0.67487
10.12784	1	0.67493
7.232517	1	0.67499
4.337194	1	0.67505
1.441871	1	0.6751
175.971957	0	0.6752
526.513703	0	0.67534
877.055449	0	0.67549

10:38:19.593	193.7	86.9	1723
10:38:20.593	194	94.6	1766
10:38:21.593	194.3	75.4	1796
10:38:22.593	194.5	5.9	1786
10:38:23.593	194.8	6.6	1765
10:38:24.593	195.1	20.8	1742
10:38:25.593	195.3	56.5	1722
10:38:26.593	195.6	85	1714
10:38:27.593		97.5	1720
10:38:28.593		91.8	1750
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10:38:30.593		72.5	1803
10:38:31.593		38.9	1824
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10:38:35.593	196.9	26.7	1862
10:38:36.593	197	31.7	1865
10:38:37.593	197.1	49.1	1859
10:38:38.593	197.3	54.1	1858
10:38:39.593	197.4	52.4	1854
10:38:40.593	197.5	29.2	1850
10:38:41.593	197.6	73.5	1844
10:38:42.593	197.8	83.3	1846
10:38:43.593	197.9	90.5	1857
10:38:44.593	198	85	1874
10:38:45.593	198.2	77.4	1895
10:38:46.593	198.3	76.4	1920
10:38:47.593	198.4	76	1942
10:38:48.593	198.6	75.2	1966
10:38:49.593	198.7	76.2	1990
10:38:50.593	198.8	74.9	2016
10:38:51.593	199	62.4	2029
10:38:52.593	199.1	24.9	2022
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10:38:54.593	199.3	51.8	1990
10:38:55.593		69	1980
10:38:56.593		60.1	1980
10:38:57.593		34.8	1965
10:38:58.593		0	1953
10:38:59.593		1.9	1927
10:39:00.593		18.8	1908
10:39:01.593		50.6	1898
10:39:02.593		71.8	1894
10:39:03.593	197.2	73.7	1892
10:39:04.593	196.9	72.8	1894
10:39:05.593	196.7	70.8	1897
10:39:06.593	196.4	85.6	1897
10:39:07.593	196.2	89	1901
10:39:08.593	195.9	84.5	1912
10:39:09.593	195.6	63.6	1914
10:39:10.593	195.4	41.9	1910
10:39:11.593	195.1	31.2	1893
10:39:12.593	194.9	33.6	1881
10:39:13.593	194.6	52.1	1862
10:39:14.593	194.3	74	1859
10:39:15.593	194.1	77.5	1860
10:39:16.593	193.8	78.1	1862
10:39:17.593	193.6	53.7	1862
10:39:18.593	193.3	61.2	1856
10:39:19.593	193.1	85.7	1859
10:39:20.593	192.8	87.8	1872
10:39:21.593	192.5	82.3	1890

101.28241	476.272613	358.801913	63.7	0.0017	0.00058	0.00013	20	3.4
111.17179	496.061494	401.475554	64.6	0.001883	0.00104	0.00007	20	5.5
89.11595	470.450111	355.594692	66.3	0.001291	0.00135	0.00005	20	8.6
52.47676	444.838728	354.563188	67.3	0.00044	0.0009	0.00003	20	8.9
47.16174	419.227345	354.950757	68.3	0.000169	0.0005	0.00003	20	6.5
25.99531	393.615963	367.20953	69.4	0.000065	0.00018	0.00004	20	3.8
21.373	409.139295	353.8	69.1	0.000068	0.0001	0.00004	20	2.5
44.90512	427.616568	353.472539	67.6	0.000279	0.0001	0.00006	20	1.6
70.58272	446.093841	353.738879	66.9	0.000807	0.00015	0.00009	20	1.4
76.16589	464.571114	360.214186	66.7	0.001188	0.00017	0.00011	20	1.4
72.99815	472.102314	379.280543	66.5	0.001171	0.00017	0	20	1.4
56.82153	470.042866	353	67	0.000859	0.00014	0	20	1.4
27.72791	467.983418	353	68.7	0.000391	0.00008	0	20	1.5
36.03479	465.92397	354.306524	70.2	0.000456	0.00009	0	20	1.4
44.08584	463.864522	383.264876	70.5	0.000592	0.00009	0	20	1.3
37.06464	449.16655	355.169236	70.9	0.000511	0.00008	0	20	1.3
27.06255	431.75045	353.8	71.7	0.00037	0.00006	0	20	1.3
28.8431	414.33435	353.8	72	0.000237	0.00006	0.00002	20	1.3
25.29768	396.91825	353.8	72.1	0.000204	0.00006	0.00007	20	1.3
31.20479	384.822259	367.105311	72.2	0.00026	0.00007	0.00008	20	1.3
28.05535	387.558087	353.8	72.1	0.000308	0.00006	0.00009	20	1.3
28.95937	390.293916	353.8	71.9	0.00031	0.00006	0.00009	20	1.2
39.86329	393.029744	353.8	71.9	0.000353	0.00007	0.00012	20	1.2
52.08019	395.765572	359.908796	71.8	0.000651	0.0001	0.00016	20	1.2
61.43233	414.73523	358.772836	71.5	0.000941	0.00012	0.00014	20	1.2
71.44865	440.829086	355.415167	71.3	0.001198	0.00014	0.0001	20	1.1
74.97495	466.922943	356.466458	71.5	0.001247	0.00014	0.00004	20	1.1
85.45279	493.016799	357.984681	72	0.001356	0.00016	0.00004	20	1.2
87.38994	512.146447	424.489583	72.4	0.001455	0.00017	0.00003	20	1.2
94.42069	513.718445	360.32	72.5	0.001469	0.00018	0	20	1.2
93.06094	515.290442	361.740415	73	0.001447	0.00018	0	20	1.2
91.55633	516.86244	363.015578	74.7	0.001373	0.00019	0	20	1.3
65.97711	518.434437	364.557052	76.2	0.001065	0.00016	0	20	1.3
33.10183	510.653724	404.486915	77.2	0.000335	0.00011	0.00001	20	1.8
25.8988	493.994316	366.1	78.2	0.000168	0.00009	0.00002	20	1.9
30.98406	477.334909	366.066029	78.6	0.000216	0.00012	0.00005	20	2
43.13455	460.675501	365.690364	77.7	0.000439	0.00011	0.00009	20	1.4
61.21893	444.016093	392.152304	77.2	0.000741	0.00012	0.00011	20	1.3
41.8508	423.746143	367	76.8	0.000505	0.00009	0.00007	20	1.3
30.936	403.166493	367.114286	76.7	0.000237	0.00008	0.00006	20	1.3
37.65985	382.586843	367.8	76.8	0.000076	0.00008	0.00005	20	1.6
26.34843	362.007193	367.8	76.4	0.000047	0.00006	0.00004	20	1.3
41.37667	346.065098	356.455769	75	0.000191	0.00008	0.00006	20	1.2
42.30936	362.585886	368.031847	74.2	0.000424	0.00009	0.00008	20	1.2
44.26797	379.106674	368.933862	73.8	0.000558	0.00009	0.00008	20	1.2
40.90011	395.627462	369.943434	73.4	0.000564	0.00008	0.00006	20	1.2
37.75834	412.148249	374.016273	73.4	0.000542	0.00007	0.00006	20	1.2
44.70108	423.795515	381.945586	73.4	0.000681	0.00009	0.00007	20	1.2
56.25014	431.53518	370.1	73.3	0.0009	0.00011	0.00009	20	1.2
60.0912	439.274846	370.955211	73.3	0.00099	0.00011	0.00011	20	1.2
57.30158	447.014512	371.6	73.4	0.000943	0.00012	0.0001	20	1.2
29.15722	454.605276	402.947253	73.5	0.00036	0.00007	0.00004	20	1.2
23.38403	441.073267	372.25296	73.9	0.000182	0.00006	0.00003	20	1.4
24.83808	427.541258	371.6	74.2	0.000141	0.00006	0.00004	20	1.3
29.22794	414.009249	371.130817	73.9	0.000201	0.00006	0.00005	20	1.2
38.80798	400.477241	372.129126	73.2	0.0004	0.00008	0.00008	20	1.2
44.60354	398.35911	377.978732	72.3	0.000615	0.00009	0.00009	20	1.2
44.61637	408.755567	371.6	71.9	0.00067	0.00009	0.00008	20	1.2
33.42398	419.152024	371.6	71.9	0.000519	0.00006	0.00004	20	1.1
31.42136	429.548482	371.6	72.1	0.000499	0.00007	0.00004	20	1.1
58.57271	439.944939	386.445055	72.3	0.00087	0.0001	0.00009	20	1.1
73.42393	449.703731	381.064904	72.1	0.001193	0.00013	0.00011	20	1.1
73.03556	459.232616	371.00844	71.9	0.001293	0.00013	0.00009	20	1.1

1227.597196	0	0.67607
1578.138942	0	0.67711
1361.854356	0	0.67846
999.407005	1	0.67936
636.959654	1	0.67986
274.512303	1	0.68004
40.422161	1	0.68014
129.936813	1	0.68024
219.451465	1	0.68039
308.966117	1	0.68056
398.480769	1	0.68073
361.293471	1	0.68087
312.487217	1	0.68095
263.680963	1	0.68104
214.874709	1	0.68113
173.072028	1	0.68121
162.536659	1	0.68127
152.00129	1	0.68133
141.465921	1	0.68139
130.930553	1	0.68146
139.45479	1	0.68152
164.745748	1	0.68158
190.036705	1	0.68165
215.327663	1	0.68175
241.590577	1	0.68187
282.068348	1	0.68201
322.546118	1	0.68215
363.023889	1	0.68231
403.501659	1	0.68248
396.70641	1	0.68266
350.125214	1	0.68284
303.544017	1	0.68303
256.962821	1	0.68319
210.381624	1	0.6833
199.27796	1	0.68339
193.806303	1	0.68351
188.334647	1	0.68362
182.86299	1	0.68374
175.522515	1	0.68383
163.694335	1	0.68391
151.866155	1	0.68399
140.037975	1	0.68405
128.209795	1	0.68413
120.464771	1	0.68422
117.232708	1	0.68431
114.000646	1	0.68439
110.768584	1	0.68446
107.536522	1	0.68455
105.877524	1	0.68466
104.531629	1	0.68477
103.185734	1	0.68489
101.839838	1	0.68496
106.372591	1	0.68502
120.661399	1	0.68508
134.950206	1	0.68514
149.239013	1	0.68522
163.52782	1	0.68531
176.540013	1	0.6854
189.142407	1	0.68546
201.744802	1	0.68553
214.347196	1	0.68563
226.94959	1	0.68576
226.786997	1	0.68589

10:39:22.593	192.3	77.1	1903
10:39:23.593		54.1	1911
10:39:24.593		59.3	1913
10:39:25.593		73.3	1907
10:39:26.593		83.3	1905
10:39:27.593		89.2	1905
10:39:28.593		81.9	1909
10:39:29.593		81	1912
10:39:30.593	191.7	79.6	1917
10:39:31.593	191.6	69.7	1919
10:39:32.593	191.6	65.6	1918
10:39:33.593	191.5	54.6	1906
10:39:34.593	191.4	49.3	1892
10:39:35.593	191.4	57.9	1876
10:39:36.593	191.3	63.2	1872
10:39:37.593	191.2	69.6	1867
10:39:38.593	191.2	69.9	1868
10:39:39.593	191.1	70.2	1869
10:39:40.593	191	70.3	1866
10:39:41.593	191	69	1870
10:39:42.593	190.9	68.9	1874
10:39:43.593	190.9	68.4	1880
10:39:44.593	190.8	66.4	1886
10:39:45.593	190.7	65.6	1888
10:39:46.593	190.7	67.9	1889
10:39:47.593	190.6	68	1893
10:39:48.593	190.5	69.5	1896
10:39:49.593	190.5	73.9	1898
10:39:50.593		80	1900
10:39:51.593		77.1	1903
10:39:52.593		78.9	1905
10:39:53.593		82.6	1907
10:39:54.593		80.5	1911
10:39:55.593		74.2	1916
10:39:56.593		70	1920
10:39:57.593		77.2	1922
10:39:58.593	190.4	81.5	1925
10:39:59.593	190.4	85.5	1936
10:40:00.593	190.4	80.2	1939
10:40:01.593	190.4	77.8	1948
10:40:02.593	190.4	79.7	1956
10:40:03.593	190.4	83.3	1964
10:40:04.593	190.4	81.9	1970
10:40:05.593	190.4	76.3	1979
10:40:06.593	190.4	64.2	1979
10:40:07.593	190.4	56.7	1977
10:40:08.593	190.4	60.7	1969
10:40:09.593	190.4	61	1960
10:40:10.593	190.4	71.4	1951
10:40:11.593	190.4	78.8	1948
10:40:12.593	190.4	77.7	1951
10:40:13.593	190.4	77.7	1951
10:40:14.593	190.4	78.2	1954
10:40:15.593	190.4	79.5	1959
10:40:16.593	190.4	78	1960
10:40:17.593	190.4	76	1962
10:40:18.593		77.1	1971
10:40:19.593		77.5	1972
10:40:20.593		77.9	1977
10:40:21.593		78	1978
10:40:22.593		77.3	1984
10:40:23.593		57	1975
10:40:24.593		16.5	1957

77.09377	468.761501	371.6	72.3	0.001297	0.00014	0	20	1.1
54.6056	478.290386	371.6	72.7	0.000736	0.0001	0	20	1.1
41.70362	487.56381	420.138049	73.1	0.000511	0.00007	0	20	1.1
37.4976	491.286772	370.791299	73.7	0.000534	0.00007	0	20	1.1
41.81741	495.009734	370.382413	74.1	0.000659	0.00008	0	20	1.1
59.264	498.732696	370.377895	73.9	0.000913	0.0001	0	20	1.1
62.50167	502.455657	371.274468	73.8	0.001034	0.00011	0	20	1.1
62.10107	503.616159	431.173872	73.7	0.001019	0.00011	0	20	1.1
58.91842	496.48124	371.18697	73.8	0.000963	0.00011	0	20	1.1
54.10567	489.346321	371.6	73.9	0.000867	0.0001	0	20	1.1
44.34209	482.211403	371.6	74.1	0.000664	0.00008	0	20	1.1
29.78498	475.076484	393.183629	74.2	0.000426	0.00006	0	20	1.1
30.2815	468.334524	378.651497	74.3	0.000396	0.00006	0.00002	20	1.1
29.54827	461.732792	372.386147	73.8	0.00038	0.00006	0.00006	20	1.1
33.29888	455.131061	373.2	73.2	0.000422	0.00006	0.00007	20	1.1
36.10992	448.529329	373.2	73	0.000503	0.00007	0.00008	20	1.1
37.51992	442.67782	405.599758	72.6	0.000524	0.00007	0.00007	20	1.2
36.267	442.488246	373.664324	72.3	0.000529	0.00007	0.00005	20	1.2
36.65203	442.298673	374.1	72.3	0.000543	0.00007	0.00006	20	1.2
36.8307	442.1091	374.8	72.4	0.000547	0.00007	0.00006	20	1.2
36.82507	441.919526	394.419572	72.4	0.000549	0.00007	0.00006	20	1.2
36.90834	439.420426	375.643294	72.4	0.000533	0.00007	0.00005	20	1.2
35.47935	436.65613	376.576577	72.5	0.000509	0.00007	0.00005	20	1.2
34.38947	433.891834	377.1	72.6	0.000491	0.00007	0.00007	20	1.2
35.86738	431.127537	377.66	72.7	0.000506	0.00007	0.00008	20	1.2
35.88308	429.359442	403.279306	72.9	0.000518	0.00007	0.00009	20	1.2
36.65064	432.900215	378.6	73.1	0.000547	0.00007	0.0001	20	1.2
39.10869	436.440987	378.6	73.2	0.000602	0.00008	0.0001	20	1.2
42.32944	439.98176	379.229744	73.3	0.000657	0.00008	0.00009	20	1.2
42.55207	443.522532	380.179439	73.4	0.000697	0.00009	0.00008	20	1.2
46.04037	447.489275	397.542059	73.5	0.000732	0.00009	0.00007	20	1.2
47.70899	451.885411	382.6	73.6	0.000763	0.00009	0.00004	20	1.2
50.8794	456.281546	383.003582	73.7	0.000836	0.0001	0.00003	20	1.2
49.4916	460.677681	384.022636	73.9	0.000781	0.0001	0.00003	20	1.2
42.39201	464.893729	414.197659	73.9	0.000668	0.00009	0.00002	20	1.2
42.56534	468.786827	384.811301	74.1	0.000618	0.00008	0.00002	20	1.2
47.12398	472.679924	385.7	74.3	0.000745	0.00009	0.00002	20	1.2
53.93777	476.573022	385.7	74.4	0.000863	0.0001	0.00003	20	1.2
54.67762	480.46612	392.085133	74.6	0.000889	0.0001	0.00001	20	1.2
54.34353	483.763247	403.526579	74.7	0.000882	0.00011	0.00002	20	1.2
54.33706	486.672894	386.4	74.9	0.000865	0.0001	0	20	1.2
57.11735	489.582542	387.2	75.4	0.000915	0.00011	0	20	1.2
58.56964	492.49219	387.2	75.6	0.00095	0.0001	0	20	1.1
58.55552	494.898755	432.141295	75.9	0.000951	0.00011	0	20	1.1
53.01599	483.434607	387.2	76.3	0.000772	0.0001	0	20	1.1
37.29812	471.970459	387.044806	76.4	0.000464	0.00006	0	20	1.1
36.69924	460.506312	386.4	76.5	0.000446	0.00006	0.00002	20	1.1
34.01979	449.042164	385.879241	76.7	0.000434	0.00006	0.00005	20	1.1
36.67421	443.893406	406.142672	76.4	0.000518	0.00007	0.00007	20	1.1
44.8936	449.180956	385.7	76.1	0.000676	0.00008	0.00009	20	1.1
46.57986	454.468506	386.235558	75.9	0.000719	0.00009	0.00009	20	1.2
45.68649	459.756056	385.7	75.6	0.000719	0.00009	0.00004	20	1.2
45.85074	465.043606	397.036653	75.5	0.000722	0.00009	0.00002	20	1.2
46.42302	467.651275	398.493162	75.5	0.000728	0.00009	0.00002	20	1.2
46.94368	468.685045	385.7	75.6	0.000742	0.00009	0.00002	20	1.2
45.65841	469.718815	385.7	75.7	0.000734	0.00009	0.00002	20	1.2
45.81524	470.752584	385.7	75.8	0.00073	0.00009	0.00002	20	1.2
46.08537	470.370509	422.055932	75.9	0.000726	0.00009	0.00002	20	1.2
46.12811	466.292925	385.7	76.2	0.000728	0.00008	0.00002	20	1.1
45.74253	462.215341	386.157763	76.3	0.000731	0.00008	0	20	1.1
45.49909	458.137756	385.7	76.4	0.000714	0.00008	0	20	1.1
37.10667	454.060172	400.231714	76.7	0.000499	0.00007	0	20	1.1
32.53649	449.143011	394.605447	76.8	0.000249	0.00006	0	20	1.1

226.573139	1	0.68603
226.359281	1	0.68613
226.145423	1	0.6862
220.792899	1	0.68627
204.52071	1	0.68635
188.248521	1	0.68645
171.976331	1	0.68656
155.704142	1	0.68667
147.425	1	0.68678
144.746429	1	0.68688
142.067857	1	0.68696
139.389286	1	0.68702
136.641514	1	0.68708
133.322195	1	0.68714
130.002877	1	0.6872
126.683558	1	0.68727
123.36424	1	0.68734
117.365425	1	0.68741
109.496876	1	0.68748
101.628327	1	0.68755
93.759778	1	0.68762
87.168046	1	0.68769
84.063742	1	0.68776
80.959437	1	0.68783
77.855132	1	0.6879
74.750828	1	0.68797
73.859207	1	0.68804
75.829866	1	0.68812
77.800526	1	0.6882
79.771185	1	0.68829
81.741844	1	0.68838
89.579679	1	0.68847
98.30198	1	0.68857
107.024281	1	0.68867
115.746582	1	0.68876
120.208092	1	0.68884
122.134875	1	0.68893
124.061657	1	0.68903
125.988439	1	0.68913
127.915222	1	0.68924
128.411094	1	0.68934
128.841109	1	0.68945
129.271124	1	0.68955
129.70114	1	0.68966
128.621988	1	0.68976
124.103916	1	0.68982
119.585843	1	0.68988
115.067771	1	0.68994
110.549699	1	0.69001
111.106219	1	0.69009
114.312032	1	0.69018
117.517846	1	0.69027
120.723659	1	0.69036
123.929472	1	0.69045
121.793321	1	0.69054
119.537004	1	0.69063
117.280686	1	0.69072
115.024368	1	0.69081
106.175926	1	0.69089
91.84612	1	0.69097
77.516314	1	0.69105
63.186508	1	0.69112
49.103524	1	0.69118

10:40:25.593	190.9	65.5	1943
10:40:26.593	191	69.3	1938
10:40:27.593	191	75.6	1939
10:40:28.593	191.1	76.5	1943
10:40:29.593	191.2	76.7	1949
10:40:30.593	191.2	77.3	1953
10:40:31.593	191.3	78.6	1959
10:40:32.593	191.4	79.5	1964
10:40:33.593	191.4	77.8	1972
10:40:34.593	191.5	68	1979
10:40:35.593	191.6	63.1	1979
10:40:36.593	191.6	68	1983
10:40:37.593	191.7	73.1	1979
10:40:38.593	191.8	76	1984
10:40:39.593	191.8	54.6	1979
10:40:40.593	191.9	1.5	1975
10:40:41.593	192	0.3	1953
10:40:42.593	192	9.8	1935
10:40:43.593	192.1	16.4	1920
10:40:44.593	192.2	40.7	1905
10:40:45.593		47.3	1896
10:40:46.593		54.7	1885
10:40:47.593		75	1883
10:40:48.593		74.2	1886
10:40:49.593		73.5	1888
10:40:50.593		75.5	1890
10:40:51.593		80.3	1890
10:40:52.593		81.7	1892
10:40:53.593	193.8	77.3	1894
10:40:54.593	194	76.9	1896
10:40:55.593	194.2	77.5	1898
10:40:56.593	194.4	78.3	1899
10:40:57.593	194.6	84.3	1902
10:40:58.593	194.8	84.8	1910
10:40:59.593	195	80.4	1921
10:41:00.593	195.2	76.9	1935
10:41:01.593	195.3	75.8	1943
10:41:02.593	195.5	71.3	1948
10:41:03.593	195.7	65.5	1945
10:41:04.593	195.9	73.9	1937
10:41:05.593	196.1	76	1927
10:41:06.593	196.3	76.1	1918
10:41:07.593	196.5	75.6	1908
10:41:08.593	196.7	87.4	1903
10:41:09.593	196.9	83.4	1902
10:41:10.593	197.1	78.7	1903
10:41:11.593	197.3	76	1904
10:41:12.593	197.5	77.5	1904
10:41:13.593		82.8	1904
10:41:14.593		79.4	1907
10:41:15.593		76.6	1906
10:41:16.593		78.3	1907
10:41:17.593		79	1903
10:41:18.593		79.7	1903
10:41:19.593		83.3	1904
10:41:20.593		84.2	1908
10:41:21.593	197.6	76.6	1916
10:41:22.593	197.6	74.5	1928
10:41:23.593	197.6	70.3	1936
10:41:24.593	197.6	79.3	1940
10:41:25.593	197.6	82.9	1941
10:41:26.593	197.6	83.5	1941
10:41:27.593	197.6	79.6	1939

37.97881	443.930864	385.791828	76.4	0.000259	0.00006	0	20	1
39.4687	438.718716	385.882808	75.7	0.000426	0.00007	0	20	1
45.57983	433.506569	386.035833	75.2	0.000606	0.00008	0	20	1
47.43421	429.594406	405.539605	75	0.000693	0.00009	0	20	1.1
46.42349	437.784163	385.978067	75	0.000722	0.00009	0	20	1.1
46.3283	445.97392	386.4	75.1	0.000729	0.00008	0	20	1.1
46.50361	454.163677	386.56	75.2	0.00074	0.00008	0	20	1.1
47.66348	462.353434	406.491798	75.5	0.00077	0.00009	0	20	1.2
48.7609	460.699336	391.683716	75.7	0.000774	0.0001	0	20	1.2
43.48045	457.44275	387.2	75.9	0.000689	0.00009	0	20	1.2
39.05507	454.186165	388	76.2	0.000542	0.00008	0	20	1.2
36.89895	450.929579	388	76.3	0.000519	0.00007	0.00001	20	1.2
40.04419	447.09061	413.072185	76.5	0.000594	0.00008	0.00004	20	1.2
42.18439	428.901118	388	76.6	0.000653	0.00008	0.00006	20	1.2
41.83355	410.711627	388	76.8	0.000647	0.00009	0.00007	20	1.2
30.6424	392.522135	388	76.9	0.000359	0.00006	0.00005	20	1.1
47.39089	374.332644	388	77	0.000162	0.00006	0.00005	20	1.1
25.27198	359.17085	377.05752	77	0.000078	0.00006	0.00004	20	1.2
29.53595	351.073684	387.2	76	0.000062	0.00006	0.00004	20	1.2
26.83319	342.976518	387.2	75	0.000078	0.00005	0.00006	20	1.2
26.46688	334.879352	386.4	74.7	0.00012	0.00005	0.00006	20	1.2
28.77408	326.782186	378.730094	74	0.000211	0.00006	0.00007	20	1.2
38.5481	335.365157	376.114754	73.5	0.000376	0.00007	0.00008	20	1.2
41.05961	354.747622	387.2	73.3	0.000547	0.00008	0.00008	20	1.2
40.31118	374.130088	387.2	73.1	0.000597	0.00008	0.00008	20	1.2
40.18683	393.512554	387.2	73.2	0.000615	0.00009	0.00005	20	1.3
41.61008	411.002895	397.879637	73.2	0.000653	0.00009	0.00004	20	1.3
47.185	419.255217	386.602564	73.2	0.00075	0.0001	0.00002	20	1.2
48.25652	427.507539	386.883574	73.2	0.000791	0.0001	0.00003	20	1.2
46.85541	435.759862	386.4	73.2	0.000766	0.0001	0.00002	20	1.3
47.25207	444.012184	391.155109	73.3	0.00075	0.0001	0.00001	20	1.2
47.19949	454.324446	399.171917	73.4	0.000747	0.00009	0	20	1.2
65.7197	466.38442	385.088337	73.4	0.001037	0.00012	0	20	1.2
68.36287	478.444394	384.793824	73.5	0.001191	0.00014	0	20	1.2
71.81142	490.504368	383.813942	73.5	0.0012	0.00014	0	20	1.2
71.98082	502.564342	425.348485	73.9	0.001193	0.00014	0	20	1.2
69.72883	498.195876	382.413166	74.4	0.001161	0.00014	0	20	1.2
63.91066	492.760173	380.733246	74.6	0.001054	0.00013	0	20	1.2
40.68967	487.324471	379.73491	74.8	0.000612	0.00009	0	20	1.3
38.22358	481.888769	378.79085	75.3	0.000562	0.00008	0	20	1.3
39.40578	478.239669	424.770741	75.5	0.000588	0.00008	0	20	1.3
39.88242	481.271275	377.644218	75.3	0.000618	0.00008	0	20	1.2
40.19397	484.302881	377.1	74.7	0.000639	0.00008	0.00002	20	1.2
53.74591	487.334487	375.684195	74.5	0.00083	0.0001	0.00003	20	1.2
56.51268	490.366093	385.369193	74.3	0.000936	0.00012	0.00006	20	1.2
57.03348	492.221523	403.58939	73.9	0.000954	0.00012	0.00004	20	1.2
55.95543	493.152815	375.326767	73.7	0.000915	0.00012	0	20	1.2
53.08672	494.084106	374.901538	73.5	0.000841	0.00011	0	20	1.2
53.9187	495.015397	374.685395	73.5	0.000871	0.00011	0	20	1.2
54.91823	495.946689	398.386008	73.6	0.00088	0.00011	0	20	1.2
54.07687	496.061157	383.414275	73.7	0.000879	0.00011	0	20	1.2
52.20852	495.870439	374.776667	73.8	0.000846	0.00011	0	20	1.3
51.4802	495.67972	374.8	73.8	0.000836	0.00011	0	20	1.3
51.59731	495.489002	374.8	73.8	0.000825	0.00011	0	20	1.3
52.01047	495.344535	422.162433	73.8	0.000856	0.00011	0	20	1.2
68.04669	500.2929	376.4	74.1	0.001166	0.00015	0	20	1.2
78.50606	505.241265	376.51	74.1	0.00132	0.00017	0	20	1.2
80.34294	510.18963	377.519731	73.9	0.001272	0.00016	0	20	1.2
62.138	515.137995	379.244284	73.9	0.001024	0.00014	0	20	1.3
57.95825	518.0863	432.099159	74.4	0.00091	0.00012	0	20	1.2
59.39705	517.494334	380.55	74.9	0.000944	0.00012	0	20	1.2
57.61142	516.902368	381.57821	75	0.00096	0.00012	0	20	1.2
58.55782	516.310402	382.6	75.1	0.000954	0.00012	0	20	1.2

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69.80837	1	0.69131
80.160793	1	0.69139
90.513216	1	0.69148
97.077982	1	0.69157
99.37156	1	0.69165
101.665138	1	0.69173
103.958716	1	0.69182
105.531915	1	0.69192
101.276596	1	0.69201
97.021277	1	0.69209
92.765957	1	0.69216
88.510638	1	0.69224
78.699793	1	0.69232
60.89441	1	0.69241
43.089027	1	0.69247
25.283644	1	0.69253
7.478261	1	0.69259
12.45283	0	0.69265
33.923227	0	0.6927
55.393624	0	0.69275
76.864021	0	0.69281
98.334418	0	0.69288
98.358136	0	0.69296
97.695739	1	0.69304
97.033341	1	0.69313
96.370943	1	0.69322
99.594612	1	0.69332
107.764186	1	0.69342
115.93376	1	0.69352
124.103334	1	0.69362
132.272908	1	0.69371
147.021461	1	0.69383
162.412747	1	0.69397
177.804032	1	0.69411
193.195318	1	0.69425
199.669504	1	0.69439
185.137638	1	0.69452
170.605771	1	0.69461
156.073905	1	0.69469
141.542039	1	0.69477
131.107388	1	0.69485
125.093643	1	0.69493
119.079897	1	0.69503
113.066151	1	0.69515
107.052405	1	0.69527
115.954488	1	0.69539
128.020533	1	0.6955
140.086579	1	0.69561
152.152625	1	0.69572
162.937267	1	0.69583
162.316149	1	0.69594
161.695031	1	0.69605
161.073913	1	0.69616
160.452795	1	0.69627
162.915232	1	0.69642
173.672547	1	0.69659
184.429862	1	0.69675
195.187177	1	0.69689
205.944492	1	0.69701
200.832287	1	0.69713
186.116858	1	0.69725
171.401428	1	0.69737

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10:41:41.593		80.9	1849
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10:41:51.593	194.9	85.9	1707
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10:41:55.593	193.9	80.2	1723
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10:41:57.593	193.3	45.2	1707
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57.92448	515.254103	404.347944	75.1	0.000948	0.00012	0	20	1.2
58.3497	514.864408	384.1	75	0.000946	0.00012	0	20	1.2
58.30534	514.474713	384.98972	74.8	0.000942	0.00012	0	20	1.2
58.26872	514.085018	385.7	74.8	0.00094	0.00012	0	20	1.2
57.69929	513.702333	436.568725	74.6	0.000931	0.00012	0	20	1.2
57.89155	513.89676	387.383467	74.5	0.000934	0.00012	0	20	1.2
57.8175	514.091186	388	74.3	0.000925	0.00012	0	20	1.2
56.97556	514.285612	388.609737	74.1	0.000919	0.00012	0	20	1.3
56.77089	514.480039	388.7	73.8	0.000927	0.00013	0	20	1.3
56.78831	514.674321	434.536709	73.4	0.000922	0.00013	0	20	1.3
56.81739	514.86837	390.011429	73.1	0.000928	0.00013	0	20	1.3
55.96744	515.062419	390.4	72.8	0.000911	0.00012	0	20	1.3
56.05164	515.256468	391.1	72.4	0.000918	0.00013	0	20	1.3
55.83053	515.450517	418.098912	71.9	0.000908	0.00012	0	20	1.3
43.98505	500.05565	406.374211	71.7	0.000666	0.00011	0	20	1.4
24.7233	479.324979	391.9	71.3	0.000271	0.00006	0	20	1.4
21.61924	458.594308	391.9	71.1	0.000146	0.00006	0	20	1.3
33.43236	437.863636	391.474489	70.6	0.000159	0.00007	0.00002	20	1.3
55.07809	418.689543	402.346429	69.2	0.000547	0.0001	0.00005	20	1.2
54.30165	440.028544	392.006087	67.7	0.000819	0.00011	0.00004	20	1.2
54.18939	461.367545	392.7	66.4	0.000907	0.0001	0.00001	20	1.2
56.29729	482.706546	393.145731	65.9	0.000963	0.00011	0	20	1.2
56.88593	504.045547	393.4	65.8	0.000942	0.00011	0	20	1.2
54.68672	517.671892	440.100147	65.8	0.000917	0.0001	0	20	1.2
54.84238	515.78	393.813939	65.9	0.000934	0.0001	0	20	1.2
54.85672	513.888108	394.2	66	0.000941	0.0001	0	20	1.2
52.83639	511.996216	394.2	66.3	0.000918	0.00011	0	20	1.2
36.71733	510.104324	422.34625	66.4	0.000555	0.00008	0	20	1.2
19.83477	495.783441	394.2	66.5	0.000345	0.00006	0	20	1.2
25.61489	479.957702	394.2	66.7	0.000292	0.00005	0	20	1.2
25.73619	464.131963	393.63873	66.5	0.000309	0.00005	0	20	1.2
25.96394	448.306224	393.4	65.8	0.000324	0.00005	0	20	1.2
29.11186	441.139013	408.563162	65.5	0.000385	0.00006	0	20	1.2
36.52631	447.345154	393.679529	65.3	0.000504	0.00007	0.00002	20	1.2
39.56546	453.551294	393.4	65	0.000578	0.00007	0.00003	20	1.1
40.51818	459.757434	393.635623	64.9	0.000625	0.00007	0.00001	20	1.1
43.20459	465.963575	413.819152	65	0.000704	0.00008	0	20	1.2
49.05671	471.890516	394.276583	65.3	0.000776	0.00008	0	20	1.1
49.72954	477.761484	394.2	65.5	0.000826	0.00009	0	20	1.1
52.77388	483.632452	394.2	65.9	0.000865	0.00009	0	20	1.1
50.67428	489.503419	394.704681	66.4	0.000869	0.00009	0	20	1.1
43.04128	495.121996	442.949855	66.8	0.000692	0.00008	0	20	1.1
33.01996	499.613776	395.418818	67.2	0.000421	0.00006	0	20	1.1
34.7902	504.105557	395.459375	67.4	0.000525	0.00007	0	20	1.1
77.86071	508.597337	395.7	67.4	0.001053	0.00012	0.00005	20	1.1
85.32441	513.089118	427.173529	67.4	0.001348	0.00015	0.00011	20	1.1
81.81375	514.392098	401.688003	67.8	0.00133	0.00015	0.00006	20	1.1
78.69272	515.193137	398.2	68.6	0.001249	0.00017	0	20	1.3
75.38704	515.994176	398.498421	69	0.001172	0.00013	0	20	1.1
55.58154	516.795215	398.9	69.7	0.000856	0.0001	0	20	1.1
47.55215	517.042336	449.613122	70.6	0.000775	0.00009	0	20	1.1
49.19414	515.582482	398.522497	71.7	0.000791	0.00009	0	20	1.1
50.8487	514.122628	398.799401	72.3	0.000813	0.00009	0	20	1.1
50.87042	512.662774	398.787634	72.5	0.000826	0.00009	0	20	1.1
51.2723	511.20292	420.737348	72.6	0.000833	0.00009	0	20	1.1
51.45062	511.738336	400.56285	72.7	0.000832	0.00009	0	20	1.1
42.73879	513.034379	398.9	73	0.00066	0.00007	0	20	1
32.11952	514.330423	398.9	73.2	0.000554	0.00006	0	20	1
75.99161	515.626467	398.9	73.5	0.001243	0.00012	0.00002	20	0.9
122.56074	520.505742	444.854639	73.6	0.001972	0.00029	0.00015	20	1.5
125.12834	532.793294	400.694764	73.5	0.002004	0.00134	0.00011	20	6.5
110.36745	545.080845	402.767871	73.8	0.00177	0.002	0	20	10.5

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142.002165	1	0.69761
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145.248918	1	0.69797
146.331169	1	0.69809
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147.582754	1	0.69833
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149.968391	1	0.69884
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237.642204	1	0.69944
278.059136	1	0.69951
318.476069	1	0.69961
341.717194	1	0.69972
328.291468	1	0.69982
314.865743	1	0.69993
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288.014292	1	0.70014
267.478114	1	0.70024
243.909091	1	0.70034
220.340067	1	0.70045
196.771044	1	0.70053
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161.528823	1	0.70064
147.507011	1	0.70069
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121.108995	1	0.70087
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147.556371	1	0.70117
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153.603888	1	0.70135
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159.651404	1	0.70152
243.241231	1	0.70158
391.691107	1	0.70165
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688.590858	1	0.70192
800.45633	1	0.70207
677.91063	1	0.70224
555.364929	1	0.70237
432.819228	1	0.70247
310.273527	1	0.70256
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231.032515	1	0.70274
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180.601194	1	0.70292
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363.504323	1	0.70308
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707.552206	1	0.70326
879.576147	1	0.70355
893.479847	1	0.70489
830.20581	1	0.70689

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108.73841	557.368397	404.431757	74.9	0.001638	0.00191	0	20	10.7
106.33687	569.655949	466.07226	76.3	0.001367	0.00145	0	20	8.6
44.54096	532.658303	407.228936	77.6	0.000511	0.00058	0	20	6.6
33.29362	494.240918	407.903836	78.7	0.000172	0.00029	0	20	4.7
49.56025	455.823534	407.2	79.4	0.000097	0.00026	0	20	3.5
34.79188	417.40615	407.2	79.3	0.000057	0.00011	0	20	2.3
32.51674	384.097612	395.572	77.5	0.000152	0.00011	0.00001	20	2.1
39.77198	400.02966	406.3	76	0.000368	0.00012	0.00004	20	1.8
45.55378	415.961708	406.91013	75.6	0.000567	0.0001	0.00005	20	1.4
46.87851	431.893756	408	75.1	0.000656	0.00011	0.00003	20	1.4
43.80668	447.825803	417.659813	74.6	0.000644	0.00009	0.00001	20	1.3
41.9905	454.494515	412.405225	74.5	0.000639	0.00009	0	20	1.3
40.72234	457.874617	408.8	74.3	0.000627	0.00009	0	20	1.3
40.7553	461.254719	408.8	74	0.00062	0.00008	0	20	1.3
39.56494	464.634821	409.227797	74	0.000613	0.00008	0	20	1.3
39.31662	467.544916	433.725513	73.9	0.000608	0.00008	0	20	1.3
38.89617	457.101274	408.8	73.6	0.000613	0.00008	0.00002	20	1.3
38.38435	446.657631	408.8	73.3	0.000604	0.00008	0.00002	20	1.3
33.15321	436.213989	409.408451	73.2	0.000485	0.00007	0.00002	20	1.3
28.944	425.770346	408.893811	72.9	0.000384	0.00007	0.00003	20	1.3
37.06237	419.418885	412.231148	72.6	0.000356	0.00006	0.00006	20	1.1
36.68075	421.644535	408.379127	72.4	0.000433	0.00007	0.00001	20	1.1
33.55537	423.870185	407.373766	71.7	0.000456	0.00006	0	20	1.1
33.14711	426.095835	407.825532	71.1	0.000466	0.00006	0	20	1.1
33.22972	428.321485	411.678873	70.8	0.00047	0.00006	0	20	1.1
27.50511	412.824561	407.292105	70.4	0.000435	0.00006	0	20	1.1
26.15895	392.473684	406.3	70	0.000381	0.00006	0	20	1.1
21.93065	372.122807	405.918768	69.9	0.000239	0.00005	0	20	1.1
40.26731	351.77193	404.893396	69.5	0.000198	0.00008	0	20	1.1
45.31679	333.21221	372.641692	68.3	0.000102	0.00009	0	20	1.3
34.12954	320.822032	402.9	67.7	0.000042	0.00005	0	20	1.1
20.48871	308.431854	402.9	66.5	0.000032	0.00004	0	20	1.1
19.394	296.041676	402.1	65.3	0.000045	0.00003	0	20	1.1
19.27971	283.651498	376.927005	65	0.000058	0.00003	0	20	1.1
19.80939	274.61886	388.506193	64	0.000063	0.00003	0.00001	20	1.1
17.34679	266.500362	400.496875	63	0.000077	0.00005	0.00001	20	1.1
41.56509	258.381863	399.415152	62.2	0.000083	0.00007	0.00003	20	1.1
42.68723	250.263365	398.9	61.4	0.000047	0.00007	0.00002	20	1.1
41.77252	243.775203	343.039485	60.5	0.000029	0.00007	0	20	1.1
41.24503	240.13565	398.2	60.2	0.000029	0.00007	0	20	1.1
40.88565	236.496097	398.2	59.2	0.000021	0.00005	0	20	1.1
18.20603	232.856545	397.965714	58.2	0.000015	0.00003	0	20	1
18.65	229.216992	360.180077	57.4	0.000026	0.00003	0	20	1
18.93897	232.03394	392.098655	56.7	0.00006	0.00003	0	20	1
18.79957	236.434862	396.6	56.5	0.000107	0.00003	0	20	1
15.94932	240.835783	396.007792	56.3	0.000128	0.00003	0	20	1
12.47797	245.236705	395.05573	55.8	0.000164	0.00004	0	20	1
34.71417	243.610986	348.230567	55.5	0.000161	0.00006	0	20	1.1
37.49167	234.995406	394.2	55.1	0.000091	0.00007	0	20	1.1
41.56636	226.379826	393.608827	54.1	0.000045	0.00007	0	20	1.1
43.44634	217.764246	392.7	48.4	0.000032	0.00008	0	20	1.1
46.51969	209.148666	352.428418	43.1	0.000033	0.00008	0	20	1.1
43.82404	203.207387	377.752941	41.8	0.00003	0.00008	0	20	1.1
42.16489	198.210618	391.145474	40	0.000029	0.00007	0	20	1.1
40.27601	193.213849	390.192941	36.1	0.000028	0.00007	0	20	1.1
38.05736	188.217079	388.737391	33.6	0.000026	0.00007	0	20	1.1
38.79269	183.662114	295.633645	32.3	0.000027	0.00006	0	20	1
35.76981	183.267463	385.975237	30.1	0.000024	0.00005	0	20	0.9
31.37016	182.872813	384.121419	26.7	0.000021	0.00005	0	20	1
8.19138	182.478163	382.654118	22	0.000009	0.00002	0	20	1
10.78326	182.083512	367.56815	16.9	0.000008	0.00002	0	20	0.9
11.64647	190.975445	334.221479	12.9	0.000008	0.00002	0	20	0.9
12.60123	207.938894	378.779183	9.2	0.000019	0.00002	0	20	1

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94.940153	1	0.71267
93.666808	1	0.71274
92.393463	1	0.7128
90.173166	1	0.71287
87.529412	1	0.71293
84.885658	1	0.71299
82.241904	1	0.71305
77.666667	1	0.71311
62.315789	1	0.71317
46.964912	1	0.71322
31.614035	1	0.7133
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71.590679	0	0.71354
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16.434253	1	0.71383
26.298013	1	0.7139
48.373068	1	0.71395
70.448124	1	0.71398
92.523179	0	0.71401
108.284557	0	0.71404
91.625394	0	0.71407
74.966231	0	0.7141
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41.647906	0	0.7142
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1.523707	0	0.71465
1.092672	0	0.71472
0.661638	0	0.71479
0.230603	0	0.71485
7.105435	0	0.7149
22.385942	0	0.71495
37.666448	0	0.71497
52.946955	0	0.71499
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110.27381	0	0.71503

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13.29568	224.902343	377.7162	5.9	0.000051	0.00003	0	20	1
32.65784	241.865792	377.1	4.7	0.000208	0.00005	0	20	0.9
41.62894	261.312064	322.138613	5.1	0.000466	0.00006	0	20	0.9
35.79111	287.574477	372.434154	6.9	0.000494	0.00005	0	20	0.9
31.56169	313.83689	370.005045	9.9	0.000484	0.00005	0	20	0.8
32.94232	340.099303	367.921569	12.6	0.000533	0.00005	0	20	0.8
67.56071	366.361716	366.025798	13.5	0.001142	0.00011	0.00005	20	0.9
101.37057	392.081838	362.356637	14.2	0.00169	0.00015	0.00014	20	0.9
116.87047	417.328725	349.198259	16.7	0.001954	0.00018	0.00009	20	0.9
129.33469	442.575612	341.204293	18	0.001999	0.00021	0	20	1
116.44015	467.822499	333.666093	20.5	0.001663	0.00041	0	20	2.2
90.10022	493.069386	375.534375	24.9	0.001288	0.00027	0	20	1.9
72.02364	488.113846	331.381865	31.5	0.001182	0.00022	0	20	1.7
64.51064	478.883077	322.711462	36	0.000871	0.00012	0	20	1.2
38.95347	469.652308	321.777291	38.1	0.000504	0.00008	0	20	1.2
28.62904	460.421538	320.883706	39.5	0.000394	0.00006	0	20	1.2
23.2	448.853148	382.814492	40.4	0.000313	0.00005	0	20	1.2
19.31545	427.695741	319.9	40.9	0.000272	0.00004	0	20	1.2
16.7329	406.538333	319.328333	41.1	0.000232	0.00004	0	20	1.2
16.92856	385.380926	318.97934	41.1	0.000191	0.00003	0	20	1.2
13.05833	364.223519	330.520859	40.9	0.000135	0.00003	0	20	1.1
12.54439	349.873142	320.009339	40	0.000093	0.00002	0.00001	19.3	1.1
10.50529	336.486318	317.802213	39.5	0.000064	0.00002	0.00003	19	1.1
10.32455	323.099493	317.549396	33.2	0.000044	0.00002	0.00002	19.7	1.1
6.62471	309.712669	316.551074	25.3	0.00003	0.00002	0	20	1.2
10.73379	298.418798	307.911776	22.9	0.000027	0.00002	0	20	1.2
12.66604	299.981642	316.838723	14.7	0.00003	0.00002	0.00001	19.3	1.2
11.72808	301.544486	316.3	6.9	0.000037	0.00002	0.00001	19	1.1
11.70672	303.10733	316.3	3.5	0.000051	0.00002	0.00001	19	1.1
12.02275	304.670174	314.886406	1.7	0.000069	0.00002	0.00001	19	1.1
11.8252	305.690548	313.705513	1	0.000085	0.00002	0.00001	19.7	1.1
11.65446	306.344733	315.680919	0.8	0.000095	0.00002	0.00001	19.3	1.1
11.6271	306.998917	314.8	0.6	0.000101	0.00002	0.00001	19	1.1
11.77397	307.653102	314.8	0.6	0.000105	0.00002	0.00001	19	1.2
11.72	308.128637	311.161424	0.4	0.000108	0.00002	0.00001	19	1.2
11.69983	307.693494	314.1	0.1	0.00011	0.00002	0.00001	19	1.2
11.70665	307.258351	314.1	0	0.000109	0.00002	0.00001	19	1.2
11.74	306.823208	314.1	0	0.000112	0.00002	0.00001	19	1.2
11.69313	306.388065	314.1	0	0.000112	0.00002	0.00001	19	1.2
11.65907	305.990968	311.14271	0	0.000112	0.00002	0.00001	19	1.2
11.72	305.668387	314.1	0	0.000112	0.00002	0.00001	19	1.2
11.84332	305.345806	314.1	0	0.000114	0.00002	0.00001	19	1.2
11.75978	305.023226	313.3	0	0.000114	0.00002	0.00001	19	1.2
13.20916	304.700645	312.310935	0	0.000147	0.00003	0.00002	19	1.2
30.89404	332.152684	313.091779	0.2	0.000393	0.00007	0.00003	19	1.2
71.14953	372.20019	315.028947	0.3	0.001035	0.00014	0.00007	19	1.2
108.99338	412.247696	317.820471	4.2	0.001758	0.00022	0.0001	19	1.2
108.86371	452.295202	323.230853	9.7	0.001599	0.00021	0.00005	19	1.2
98.55514	472.025856	369.876744	11.6	0.001775	0.00044	0	19	2.5
99.34272	469.569489	330.322142	18.7	0.001643	0.00071	0	19	4
67.81564	467.113122	333.624	26.4	0.000857	0.00038	0	19	3.5
41.49605	464.656755	335.44	28.5	0.000504	0.00021	0	19	3.1
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17.15848	430.505138	337.5	35.3	0.000254	0.00004	0	19	1.4
15.21756	413.469285	337.06	35.7	0.000222	0.00004	0	19	1.4
15.29751	396.433432	338.154854	36.2	0.000191	0.00004	0	19	1.4
14.80333	379.930468	352.593347	36.3	0.000165	0.00003	0	19	1.3
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8.18	332.313447	337.342467	35.3	0.000066	0.00002	0.00002	19	1.2
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8.88632	306.130296	334.122375	33.6	0.000041	0.00002	0.00002	19	1.1

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10:45:02.593	191.5	71	1452
10:45:03.593	191.5	63.8	1526
10:45:04.593	191.4	63.8	1586
10:45:05.593	191.4	16.7	1613
10:45:06.593	191.3	11.1	1496
10:45:07.593	191.2	41.3	1348
10:45:08.593	191.2	48.8	1351
10:45:09.593	191.1	38.3	1364
10:45:10.593	191	34	1349
10:45:11.593	191	43	1321
10:45:12.593	190.9	55	1313
10:45:13.593	190.8	66.6	1312
10:45:14.593	190.8	74.3	1312
10:45:15.593	190.7	63.9	1325
10:45:16.593	190.6	64.2	1330
10:45:17.593	190.6	66.5	1343
10:45:18.593	190.5	58	1351
10:45:19.593	190.4	74.5	1356
10:45:20.593		83.4	1390
10:45:21.593		80.8	1428
10:45:22.593		77.2	1458
10:45:23.593		60.3	1468
10:45:24.593		65.9	1471
10:45:25.593		67	1474
10:45:26.593		71.2	1480
10:45:27.593		74.8	1492
10:45:28.593	190.4	73.1	1514
10:45:29.593	190.4	67.5	1537
10:45:30.593	190.4	64.1	1555
10:45:31.593	190.4	72.5	1595
10:45:32.593	190.4	72.6	1635
10:45:33.593	190.4	73.9	1603
10:45:34.593	190.4	72.1	1421
10:45:35.593	190.4	67.8	1457
10:45:36.593	190.4	44.8	1484
10:45:37.593	190.4	7.3	1489
10:45:38.593	190.4	0.1	1485
10:45:39.593	190.4	0	1484

9.44549	297.595066	336.7	31.4	0.000034	0.00002	0.00001	19	1.1
8.68237	289.059836	336.498946	29.8	0.000025	0.00001	0.00001	19	1.1
8.56312	280.524605	336.501248	26.9	0.00002	0.00002	0.00001	19	1.1
8.19449	274.161094	309.479605	25.4	0.000016	0.00001	0.00001	19	1.1
8.34253	274.01088	336.414596	23.7	0.000015	0.00002	0	19	1.1
11.14239	273.860665	336	17.8	0.000016	0.00002	0.00001	19	1.1
12.69342	273.710451	336.7	14.8	0.000022	0.00002	0.00001	19	1.1
12.92789	273.560236	329.056216	12.5	0.000033	0.00002	0.00001	19	1.1
11.88907	275.712289	325.500588	7.3	0.000046	0.00002	0.00001	19	1.1
11.84743	279.405594	337.344586	4.9	0.000062	0.00002	0.00001	19	1
11.66358	283.098898	337.5	3.9	0.00008	0.00002	0.00001	19	1
12.60013	286.792203	337.5	2	0.000098	0.00002	0.00001	19	1
16.79498	290.485508	321.377742	1.2	0.000201	0.00004	0.00001	19	1
52.6134	317.613373	338.93759	1.9	0.000608	0.00008	0.00002	19	1
63.15039	345.490951	340.078525	2.3	0.00094	0.0001	0.00003	19	1
58.17832	373.36853	342.001625	3.3	0.000913	0.0001	0.00002	19	1
49.60033	401.246108	344.912483	6.6	0.000783	0.00009	0	19	1
48.45932	411.016285	366.542414	11.2	0.000714	0.00008	0	19	1
33.85409	399.529949	345.249167	14.9	0.000486	0.00006	0	19	1
29.98156	388.043613	346.875984	19.4	0.000382	0.00005	0	19	1
21.84816	376.557276	346.48	21.5	0.000253	0.00004	0	19	1
17.90954	365.07094	352.972055	22.2	0.000196	0.00003	0.00001	19	1
27.72048	366.529782	346.286957	23	0.000253	0.00005	0.00002	19	1
43.2768	368.542067	347.163212	23.2	0.000423	0.00006	0.00006	19	1
31.92975	370.554353	347.328125	23.3	0.000386	0.00006	0.00005	19	1
28.69387	372.566638	347.533969	24.6	0.000349	0.00005	0.00003	19	1
24.06421	371.385965	359.665442	25.3	0.000343	0.00005	0.00002	19	1
24.84859	359.982456	348.009023	26.7	0.000358	0.00004	0.00001	19	1
21.75504	348.578947	347.912337	28.3	0.000312	0.00004	0.00002	19	1
16.49564	337.175439	348.4	28.7	0.000211	0.00003	0.00003	19	1
18.18987	325.77193	345.025	29.2	0.000152	0.00003	0.00004	19	1
18.58313	319.013549	344.136842	29.4	0.000119	0.00003	0.00004	19	1
16.21751	314.461263	348.4	29.3	0.000119	0.00003	0.00003	19	1
14.77229	309.908976	347.655485	29.5	0.000128	0.00003	0.00002	19	1
17.216	305.356689	347	29.7	0.000136	0.00003	0.00003	19	1
18.68624	301.095044	329.154839	29.6	0.00016	0.00003	0.00003	19	1
22.73213	310.382831	347.534914	29.1	0.000214	0.00004	0.00005	19	1
23.46201	319.670618	347.386334	28.8	0.000267	0.00004	0.00004	19	1
19.4194	328.958406	347.7	28.7	0.000303	0.00004	0.00003	19	1
26.36175	338.246193	347.290217	28.8	0.000366	0.00004	0.00003	19.7	1
29.15156	348.200405	346.366667	28.9	0.000412	0.00005	0.00001	20	1
21.21828	358.717756	347.7	29.1	0.000369	0.00004	0	20	1
29.44895	369.235108	347.7	29.2	0.000435	0.00005	0	19.3	1
36.02199	379.752459	347.90241	29.4	0.00053	0.00006	0	19.7	1
35.83	390.269811	360.586111	29.8	0.000605	0.00006	0	20	1
33.01447	390.816443	349.996104	29.9	0.000554	0.00005	0	19.3	1
23.87951	389.534126	348.370833	30.9	0.000463	0.00005	0	19.7	1
23.73947	388.25181	347.262613	31.5	0.000387	0.00004	0	20	1
23.51204	386.969493	347.313767	31.9	0.000344	0.00004	0	19.3	1
24.34879	385.698238	362.166216	32.2	0.000363	0.00004	0.00001	19.7	1
27.83605	385.522026	346.848751	32.3	0.000402	0.00005	0.00003	20	1.1
27.94032	385.345815	346.2	32.3	0.000427	0.00005	0.00003	19.3	1
24.88936	385.169604	346.2	32.7	0.000403	0.00004	0.00003	19	1
24.52132	384.993392	346.2	33.2	0.000401	0.00004	0.00003	19.7	1
30.44374	385.62949	357.179842	33.7	0.000435	0.00005	0.00004	19.3	1
30.89994	387.181596	345.047059	34.2	0.000452	0.00005	0.00005	19	1
31.21408	388.733703	344.8	35	0.000447	0.00005	0.00005	19.7	1.1
27.25304	390.285809	344.532699	35.3	0.000421	0.00005	0.00004	19.3	1.1
26.07643	391.837916	360.41433	36.5	0.000404	0.00005	0.00004	19	1.1
21.36803	375.091224	343.850319	37.2	0.00034	0.00004	0.00002	19	1.1
15.58982	357.582082	343.03265	37.8	0.000257	0.00003	0.00002	19	1.1
12.98119	340.07294	342.5	39.1	0.000164	0.00003	0.00002	19.7	1.1
12.32716	322.563799	341.89894	39.6	0.000109	0.00002	0.00002	20	1.1

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17.925622	1	0.72058
15.927398	1	0.7206
13.929174	1	0.72061
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62.645979	1	0.72065
94.988636	1	0.72067
127.331294	1	0.72069
159.673951	1	0.72071
164.251536	1	0.72073
167.642085	1	0.72075
171.032634	1	0.72077
174.423183	1	0.72081
180.463588	1	0.72089
194.895204	1	0.72099
209.326821	1	0.72109
223.758437	1	0.72118
238.190053	1	0.72126
217.776375	1	0.72132
184.863841	1	0.72137
151.951307	1	0.72141
119.038774	1	0.72144
100.733475	1	0.72149
116.511727	1	0.72155
132.289979	1	0.72161
148.06823	1	0.72166
163.846482	1	0.72171
158.32222	1	0.72175
139.178318	1	0.72179
120.034416	1	0.72182
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81.746612	1	0.72188
82.048669	1	0.72191
83.139895	1	0.72194
84.231122	1	0.72197
85.322348	1	0.722
88.57146	1	0.72204
95.356314	1	0.72208
102.141169	1	0.72212
108.926023	1	0.72216
115.710878	1	0.72221
138.247601	1	0.72225
164.479207	1	0.7223
190.710813	1	0.72236
216.942418	1	0.72242
236.162361	1	0.72247
204.446335	1	0.72252
172.730309	1	0.72256
141.014283	1	0.7226
109.298257	1	0.72264
87.829649	1	0.72269
84.578674	1	0.72274
81.327698	1	0.72278
78.076723	1	0.72282
74.825748	1	0.72287
78.29229	1	0.72292
84.04603	1	0.72297
89.79977	1	0.72302
95.55351	1	0.72307
92.11989	1	0.72311
74.962508	1	0.72314
57.805126	1	0.72317
40.647744	1	0.72319

10:45:40.593	190.4	0	1482
10:45:41.593	190.4	0	1457
10:45:42.593	190.4	0	1441
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10:45:47.593	190.4	8.1	1363
10:45:48.593		69.6	1342
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10:45:50.593		58.4	1377
10:45:51.593		52.5	1370
10:45:52.593		28.4	1353
10:45:53.593		0.9	1325
10:45:54.593	190.9	0	1288
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10:45:56.593	191	0	1203
10:45:57.593	191.1	2.9	1173
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10:46:00.593	191.3	62.6	1202
10:46:01.593	191.3	24.9	1363
10:46:02.593	191.4	2.2	1274
10:46:03.593	191.5	0	1256
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10:46:06.593	191.7	24	807
10:46:07.593	191.7	36.6	754
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10:46:09.593	191.9	46.5	753
10:46:10.593	191.9	44.6	762
10:46:11.593	192	44.9	759
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10:46:23.593	192.8	46.6	758
10:46:24.593	192.8	46.3	760
10:46:25.593	192.9	46.3	762
10:46:26.593	193	46.1	759
10:46:27.593	193	45.5	761
10:46:28.593	193.1	46.4	760
10:46:29.593	193.2	46	761
10:46:30.593	193.2	45.9	760
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10:46:32.593	193.4	45.9	759
10:46:33.593	193.4	46.1	759
10:46:34.593	193.5	46.6	760
10:46:35.593	193.5	46.3	759
10:46:36.593	193.6	46	759
10:46:37.593	193.7	46	760
10:46:38.593	193.7	45.6	760
10:46:39.593	193.8	46.1	757
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10:46:42.593	194	47	760

11.76176	307.005618	329.343864	39.5	0.000073	0.00002	0.00002	20	1.1
11.70863	295.769663	341.1	39.5	0.000049	0.00002	0.00002	20	1.2
11.59363	284.533708	340.523165	39.4	0.000035	0.00002	0.00002	20	1.2
11.35305	273.297753	340.261019	38.7	0.000026	0.00002	0.00001	20	1.1
11.24384	262.061798	322.525	38.1	0.000021	0.00002	0.00001	20	1.1
11.23927	261.552333	336.151429	38	0.000017	0.00002	0.00001	20	1.1
11.038	262.774556	338.90766	37.7	0.000015	0.00002	0.00001	20	1.1
13.91882	263.996778	338.2	37.3	0.000017	0.00003	0.00001	20	1.1
28.41819	265.219	338.2	37.1	0.000057	0.00004	0.00001	20	1.1
32.50292	268.921482	311.577441	36.3	0.000222	0.00005	0.00002	20	1
26.77568	277.014231	338.2	35.8	0.000373	0.00005	0.00002	20	1
20.09038	285.106979	337.644922	35.8	0.000337	0.00004	0.00001	20	1
16.78007	293.199727	338.045616	36	0.000253	0.00003	0.00002	20	1
11.05295	301.292476	325.200397	36.3	0.000148	0.00002	0.00001	20	1
9.25712	290.821227	336.665505	36.2	0.000108	0.00002	0.00001	20	1
8.77567	279.616682	336	35.1	0.000082	0.00002	0.00001	20	1
9.43429	268.412136	336	34.5	0.000063	0.00002	0.00001	20	1
9.06058	257.207591	333.1275	33.9	0.000047	0.00002	0.00001	20	1
11.93433	253.638675	314.768421	32.3	0.000047	0.00002	0.00002	20	1.1
17.26362	256.020658	335.02604	31.4	0.000044	0.00003	0.00002	20	1.1
17.06139	258.402642	333.893824	30.9	0.000074	0.00003	0.00002	20	1
15.66647	260.784625	334.212756	30.1	0.000118	0.00003	0.00002	20	0.9
11.85284	263.166609	309.384362	29.6	0.000124	0.00002	0.00001	20	0.8
10.53581	257.548696	333.8	29.5	0.000111	0.00002	0.00001	20	0.8
9.29982	251.456213	333.726459	29.1	0.000086	0.00001	0.00001	20	0.8
8.86973	245.36373	333.1	26.8	0.000062	0.00001	0	20	0.8
10.98352	239.271247	332.550202	22.4	0.000051	0.00002	0	20	0.9
12.67718	236.881865	297.62044	17.4	0.000045	0.00002	0	20	0.9
12.46103	240.508808	332.681892	13	0.000046	0.00002	0.00001	20	0.9
11.83	244.135751	331.670649	8.8	0.000053	0.00002	0.00001	20	0.9
11.73182	247.762694	332.4	4.7	0.000069	0.00002	0.00001	20	0.9
11.63628	251.389637	303.707317	1.5	0.000082	0.00002	0.00001	20	0.9
11.63461	253.372848	331.6	0.4	0.00009	0.00002	0.00001	20	0.9
11.70392	255.254853	331.42268	0.1	0.000097	0.00002	0.00001	20	0.9
11.6821	257.136858	330.9	0	0.000101	0.00002	0.00001	20	0.9
11.63	259.018862	330.9	0	0.000105	0.00002	0.00001	20	0.9
11.72	260.714295	298.046667	0	0.000107	0.00002	0.00001	20	0.9
11.73625	261.720373	330.9	0	0.000108	0.00002	0.00001	20	0.9
11.74791	262.726451	330.628425	0	0.00011	0.00002	0.00001	20	1
11.96478	263.73253	330.681423	0	0.000111	0.00002	0.00001	20	1
11.7332	264.738608	329.535041	0	0.000111	0.00002	0.00001	20	1
11.62735	265.437511	309.374494	0	0.000111	0.00002	0.00001	20	1
11.66687	265.748622	330.2	0	0.000111	0.00002	0.00001	20	1
11.69013	266.059733	330.2	0	0.000111	0.00002	0.00001	20	1
11.79962	266.370844	330.2	0	0.000111	0.00002	0.00001	20	1
11.7671	266.681956	307.828958	0	0.000112	0.00002	0.00001	20	1
11.69618	266.819241	330.2	0	0.000113	0.00002	0.00001	20	1
11.76366	266.945823	330.2	0	0.000113	0.00002	0.00001	20	1
11.66062	267.072405	330.2	0	0.000113	0.00002	0.00001	20	1.1
11.83468	267.198987	329.66437	0	0.000112	0.00002	0.00001	20	1
11.81675	267.3	299.962987	0	0.000113	0.00002	0.00001	20	1
11.70593	267.3	329.4	0	0.000113	0.00002	0.00001	20	1
11.64683	267.3	328.937548	0	0.000113	0.00002	0.00001	20	1
11.56756	267.3	329.4	0	0.000114	0.00002	0.00001	20	1
11.83994	267.3	321.019891	0	0.000114	0.00002	0.00001	20	1
11.74006	267.3	323.004627	0	0.000114	0.00002	0.00001	20	1
11.80828	267.3	329.4	0	0.000113	0.00002	0.00001	20	1
11.80773	267.3	329.4	0	0.000114	0.00002	0.00001	20	1
11.99481	267.3	329.4	0	0.000115	0.00002	0.00001	20	1
11.66794	267.297095	303.892877	0	0.000114	0.00002	0.00001	20	1
11.63761	267.170779	329.254135	0	0.000113	0.00002	0.00001	20	1
11.60484	267.044463	328.7	0	0.000115	0.00002	0.00001	20	1
11.61357	266.918147	329.131039	0	0.000115	0.00002	0	20	1

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9.91031	1	0.72329
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161.230855	1	0.72336
233.136465	1	0.7234
305.042075	1	0.72345
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230.7975	1	0.72354
169.661136	1	0.72357
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49.070327	1	0.72363
38.634755	1	0.72365
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26.074908	1	0.72372
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62.446417	1	0.7238
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70.408753	1	0.72383
69.095842	1	0.72384
67.782932	1	0.72386
66.470022	1	0.72388
82.754273	1	0.7239
108.85127	1	0.72392
134.948268	1	0.72394
161.045266	1	0.72396
177.902318	1	0.72398
174.384106	1	0.724
170.865894	1	0.72402
167.347682	1	0.72404
163.82947	1	0.72406
161.699185	1	0.72408
161.072488	1	0.7241
160.445791	1	0.72412
159.819093	1	0.72414
159.192396	1	0.72416
158.690832	1	0.72418
158.244702	1	0.7242
157.798572	1	0.72422
157.352443	1	0.72424
156.819277	1	0.72426
155.958692	1	0.72428
155.098107	1	0.7243
154.237522	1	0.72432
153.376936	1	0.72434
152.750167	1	0.72436
152.305623	1	0.72438
151.86108	1	0.7244
151.416537	1	0.72442
150.986481	1	0.72444
150.771888	1	0.72446
150.557296	1	0.72448
150.342704	1	0.7245
150.128112	1	0.72452
149.917519	1	0.72454
149.712853	1	0.72456
149.508187	1	0.72458

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10:46:55.593	196.5	47	762
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10:46:59.593	197.2	45.5	917
10:47:00.593	197.4	90.3	1418
10:47:01.593	197.6	85.7	1861
10:47:02.593	197.8	81.4	2179
10:47:03.593	198	68.2	2270
10:47:04.593	198.2	78.3	1753
10:47:05.593	198.4	80.9	1791
10:47:06.593	198.6	84.6	2073
10:47:07.593	198.7	75.4	2326
10:47:08.593	198.9	54.2	2211
10:47:09.593	199.1	47.1	1976
10:47:10.593	199.3	52.8	1606
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10:47:12.593		54.1	1406
10:47:13.593		44.2	1408
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10:47:15.593		10.5	1390
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10:47:17.593		7.6	1361
10:47:18.593		7.5	1343
10:47:19.593	197.7	7.5	1324
10:47:20.593	197.5	8.8	1305
10:47:21.593	197.4	11.2	1295
10:47:22.593	197.2	5.9	1281
10:47:23.593	197	0.8	1263
10:47:24.593	196.8	47.5	1243
10:47:25.593	196.6	61.2	1262
10:47:26.593	196.4	67.4	1271
10:47:27.593	196.2	68.3	1276
10:47:28.593	196	65.2	1283
10:47:29.593	195.8	49.7	1289
10:47:30.593	195.6	42.2	1286
10:47:31.593	195.4	16.2	1281
10:47:32.593	195.2	1.4	1272
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10:47:37.593	194.3	0	1186
10:47:38.593	194.1	0	1145
10:47:39.593		0	1217
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10:47:42.593		25.3	804
10:47:43.593		29.1	773
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10:47:45.593		29.7	766

11.52722	266.791832	329.4	0	0.000114	0.00002	0	20	1
12.0016	266.7	301.764076	0	0.000116	0.00002	0.00001	20	1
11.86283	266.7	329.169658	0	0.000117	0.00002	0.00001	20	1
11.64873	266.7	328.7	0	0.000115	0.00002	0.00001	20	1.1
11.56889	266.7	328.7	0	0.000115	0.00002	0.00001	20	1.1
11.55	266.7	328.7	0	0.000115	0.00002	0.00001	20	1.1
11.53174	266.649405	305.42987	0	0.000115	0.00002	0.00001	20	0.9
11.65748	266.505667	328.7	0	0.000115	0.00002	0.00001	20	0.8
11.7379	266.36193	328.7	0	0.000116	0.00002	0.00001	20	0.9
11.71863	266.218193	328.7	0	0.000117	0.00002	0.00001	20	0.9
11.77052	266.074456	328.7	0	0.000118	0.00002	0.00001	20	0.9
11.92266	265.928804	309.845833	0	0.000118	0.00002	0.00001	20	0.9
11.851	265.781093	327.9	0	0.000117	0.00002	0.00001	20	0.9
11.61617	265.633383	327.9	0	0.000116	0.00002	0.00001	20	0.9
11.76548	265.485672	327.9	0	0.000116	0.00002	0.00001	20	0.9
11.6512	265.337962	314.304788	0	0.000116	0.00002	0.00001	20	0.9
12.71323	287.290575	320.244733	0	0.000142	0.00002	0.00001	20	0.9
35.02573	316.88758	327.29383	0	0.000348	0.00005	0.00003	20	0.9
55.1234	346.484585	327.702619	0.1	0.000808	0.0001	0.00005	20	1
86.0911	376.08159	326.765349	1.2	0.001311	0.00014	0.00004	20	1
92.34341	404.130826	360.381324	7.1	0.001325	0.00014	0.00004	20	1
74.94564	426.065609	323.734253	13.4	0.001125	0.0002	0	20	1.6
83.92723	448.000391	321.392458	15.3	0.001417	0.00035	0	20	2.4
98.4267	469.935174	319.303969	17.8	0.001648	0.00075	0	20	4.5
102.35885	491.869957	330.631735	21.9	0.001627	0.00087	0	20	4.9
71.80956	488.215203	347.779272	25.9	0.000889	0.00046	0	20	4.2
33.42747	467.642451	314.226316	31.8	0.000404	0.00017	0	20	3
26.24096	447.069699	313.3	34.6	0.000302	0.0001	0	20	2.2
20.41093	426.496947	313.033263	35.6	0.000239	0.00004	0.00001	20	1.1
17.98409	405.924195	338.4	36.4	0.000222	0.00004	0	20	1.1
16.87773	387.837765	316.869548	36.8	0.000203	0.00003	0.00001	20	1.1
15.73814	370.179811	311.21349	37.1	0.00019	0.00003	0.00002	20	1
16.13258	352.521856	310.937388	37.3	0.000173	0.00003	0.00003	20	1
17.56695	334.863902	310.11791	37.3	0.000148	0.00003	0.00004	20	1.1
19.10179	317.205948	312.631216	37.2	0.00011	0.00004	0.00004	20	1.1
19.01781	305.939068	309	36.8	0.00008	0.00004	0.00004	20	1.1
18.78035	294.710767	309	36.1	0.000063	0.00004	0.00005	20	1.2
18.41134	283.482465	308.349701	35.8	0.000054	0.00004	0.00005	20	1.2
18.47995	272.254164	307.796448	35.5	0.00005	0.00004	0.00004	20	1.2
14.70889	268.126712	295.56	35.1	0.000039	0.00003	0.00003	20	1.2
11.12708	272.927417	307.5	34.6	0.000036	0.00002	0.00003	20	1.2
17.49906	277.728122	306.8	34.2	0.000053	0.00003	0.00003	20	1.1
20.71329	282.528826	306.8	33.9	0.000094	0.00004	0.00003	20	1.1
21.35089	287.329531	301.224883	33.3	0.000163	0.00004	0.00003	20	1
22.15086	292.119494	306.8	33.3	0.000249	0.00004	0.00003	20	1
20.90639	296.90829	306.610955	33.5	0.00028	0.00004	0.00003	20	1
16.19319	301.697086	306.565576	33.7	0.000251	0.00003	0.00002	20	1
15.6584	306.485882	306.8	33.9	0.000224	0.00003	0.00002	20	1
15.45575	303.385817	307.472142	34	0.000195	0.00003	0.00002	20	1
13.06515	291.566484	306.353635	34.2	0.000142	0.00002	0.00001	20	1
10.55009	279.747151	306.1	34.1	0.000105	0.00002	0.00002	20	1
9.92964	267.927818	306.1	34.1	0.000078	0.00002	0.00002	20	1
9.34764	256.108485	295.052592	33.8	0.000054	0.00002	0.00002	20	1
8.4169	248.618953	301.632459	33.4	0.000038	0.00002	0.00002	20	1.1
9.09884	242.674521	305.3	32.6	0.000029	0.00002	0.00001	20	1.1
8.75621	236.730088	305.3	30.8	0.000024	0.00002	0.00002	20	1.1
9.31368	230.785656	305.3	28.3	0.000021	0.00002	0.00003	20	1.1
5.9353	225.461322	269.522965	25.6	0.000019	0.00002	0.00003	20	1.2
11.0294	226.113678	305.185409	22.5	0.000019	0.00002	0.00004	20	1.2
11.40385	226.766035	304.871711	21.3	0.000021	0.00002	0.00005	20	1.2
12.19447	227.418392	304.749265	18.6	0.00003	0.00002	0.00005	20	1.2
12.0617	228.070749	304.6	11.4	0.00004	0.00002	0.00004	20	1.2
11.49076	228.5	275.723674	7.9	0.000045	0.00002	0.00003	20	1.2

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147.920869	1	0.72478
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147.100861	1	0.72482
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147.393042	1	0.72492
170.513131	1	0.72497
193.633221	1	0.72507
216.753311	1	0.72521
239.873401	1	0.72535
253.054348	1	0.72555
258.48913	1	0.7259
263.923913	1	0.72665
269.358696	1	0.72752
274.793478	1	0.72798
243.781728	1	0.72815
211.330302	1	0.72825
178.878876	1	0.72829
146.427449	1	0.72833
116.517928	1	0.72836
104.565737	1	0.72839
92.613546	1	0.72842
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68.709163	1	0.72849
61.701735	1	0.72853
63.678454	1	0.72857
65.655172	1	0.72861
67.631891	1	0.72865
69.60861	1	0.72868
85.521443	1	0.7287
104.874863	1	0.72873
124.228282	1	0.72877
143.581702	1	0.72881
153.490716	1	0.72885
135.80725	1	0.72889
118.123784	1	0.72892
100.440318	1	0.72895
82.756852	1	0.72898
68.360787	1	0.729
55.174449	1	0.72902
41.988111	1	0.72904
28.801773	1	0.72906
16.845002	1	0.72908
15.368832	1	0.7291
13.892661	1	0.72912
12.416491	0	0.72914
10.940321	0	0.72916
19.409694	0	0.72918
45.331718	0	0.7292
71.253741	0	0.72922
97.175764	0	0.72924
123.097787	0	0.72926

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11.15166	228.5	305.3	7.1	0.000053	0.00002	0.00002	20	1.1
11.54454	228.5	305.3	6.7	0.000059	0.00002	0.00002	20	1.1
11.15026	228.5	304.6	7.1	0.00006	0.00002	0.00002	20	1.1
11.37252	228.5	295.629815	7.6	0.000063	0.00002	0.00001	20	1
11.78961	230.136268	292.213601	7.7	0.000068	0.00002	0.00001	20	1.1
14.48919	232.563965	305.3	7.3	0.000069	0.00002	0.00001	20	1.1
9.64664	234.991661	305.3	6.9	0.000053	0.00002	0.00001	20	1.1
9.56633	237.419358	305.3	5.8	0.000057	0.00002	0.00001	20	1.1
10.76716	239.847055	282.802808	3.3	0.000068	0.00002	0.00001	20	1.1
11.90161	241.077983	306.011467	0.8	0.000087	0.00002	0.00001	20	1.1
11.3745	242.228446	305.3	1	0.000094	0.00002	0.00001	20	1.1
9.46075	243.378908	305.99125	2.3	0.000094	0.00002	0.00001	20	1.1
8.82934	244.529371	306.1	3.5	0.000094	0.00002	0.00001	20	1.1
9.12304	244.821842	289.856374	4.4	0.000095	0.00002	0.00001	20	1.1
9.46644	244.269943	306.564187	4.6	0.000093	0.00002	0.00002	20	1.1
9.31068	243.718043	306.8	4.2	0.000105	0.00002	0.00002	20	1.1
11.29215	243.166143	306.689647	1.7	0.000107	0.00002	0.00002	20	1.1
9.75901	242.614243	292.511692	0.1	0.000099	0.00002	0.00002	20	1.1
9.41057	240.795531	303.556941	0	0.000091	0.00002	0.00001	20	1.1
9.30291	238.646137	307.488136	0	0.000083	0.00002	0.00001	20	1.1
9.34453	236.496744	307.229211	0	0.000076	0.00002	0.00001	20	1.1
9.34068	234.347351	307.239248	0	0.000071	0.00002	0.00001	20	1.1
9.19522	232.250114	273.167135	0	0.000068	0.00002	0.00001	20	1.1
9.34593	230.655581	307.5	0	0.000065	0.00002	0.00001	20	1.1
9.28401	229.061048	307.5	0	0.000064	0.00002	0	20	1.1
9.32983	227.466515	307.5	0	0.000064	0.00002	0	20	1.1
9.20717	225.871982	296.339531	0	0.000064	0.00002	0	20	1.1
9.26229	224.708297	294.553462	0	0.000064	0.00002	0	20	1.1
9.29846	223.725764	308.126841	0	0.000063	0.00002	0	20	1.1
9.3692	222.743231	308.2	0	0.000063	0.00002	0	20	1.1
9.20548	221.760699	308.2	0	0.000064	0.00002	0	20	1.1
9.19016	220.797063	268.1875	0	0.000063	0.00002	0	20	1.1
9.14388	219.966922	308.81126	0	0.000063	0.00002	0	20	1.1
9.3	219.136782	308.633249	0	0.000062	0.00002	0	20	1.1
9.24017	218.306641	309	0	0.000062	0.00002	0	20	1.1
8.82179	217.476501	309.79667	0	0.000058	0.00002	0	20	1.1
			0	0.000015	0.00001	0	20	1.2
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			0	0.000001	0	0	20	1.2
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			0	0	0	0	20	1.2
			0	0	0	0	20	1.2
			0	0	0	0	20	1.2

134.98204	0	0.72928
138.189224	1	0.7293
141.396408	1	0.72932
144.603592	1	0.72934
147.810776	1	0.72936
156.080721	1	0.72938
164.668098	1	0.7294
173.255474	1	0.72942
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182.146583	1	0.72946
161.463129	1	0.72948
140.779676	1	0.7295
120.096223	1	0.72952
99.41277	1	0.72954
96.356077	1	0.72956
96.782516	1	0.72958
97.208955	1	0.7296
97.635394	1	0.72962
98.544771	1	0.72964
102.301816	1	0.72966
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109.815905	1	0.7297
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116.307797	1	0.72976
116.535122	1	0.72978
116.762446	1	0.7298
116.98977	1	0.72982
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107.166667	1	0.72992
80.874332	1	0.72994
54.581996	1	0.72996
28.289661	1	0.72998
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