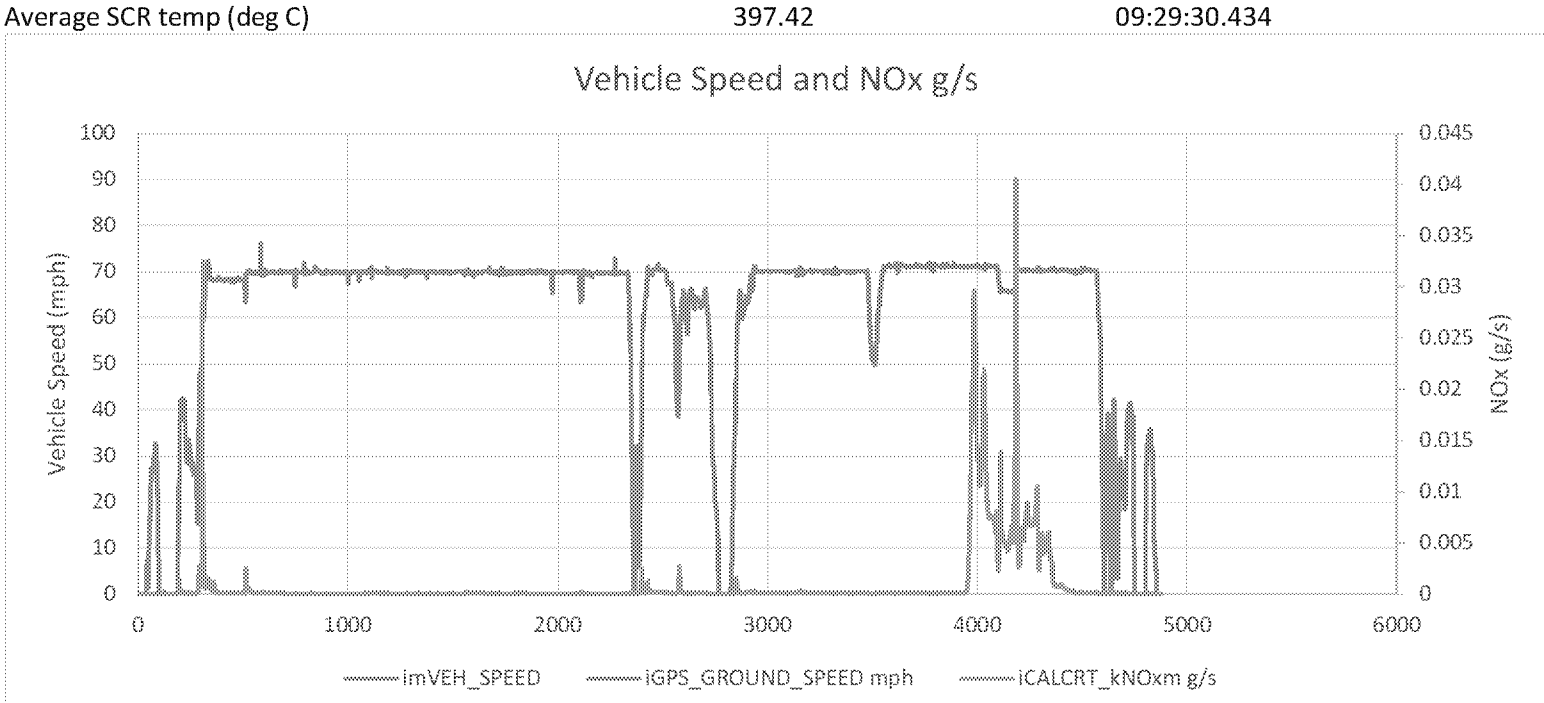
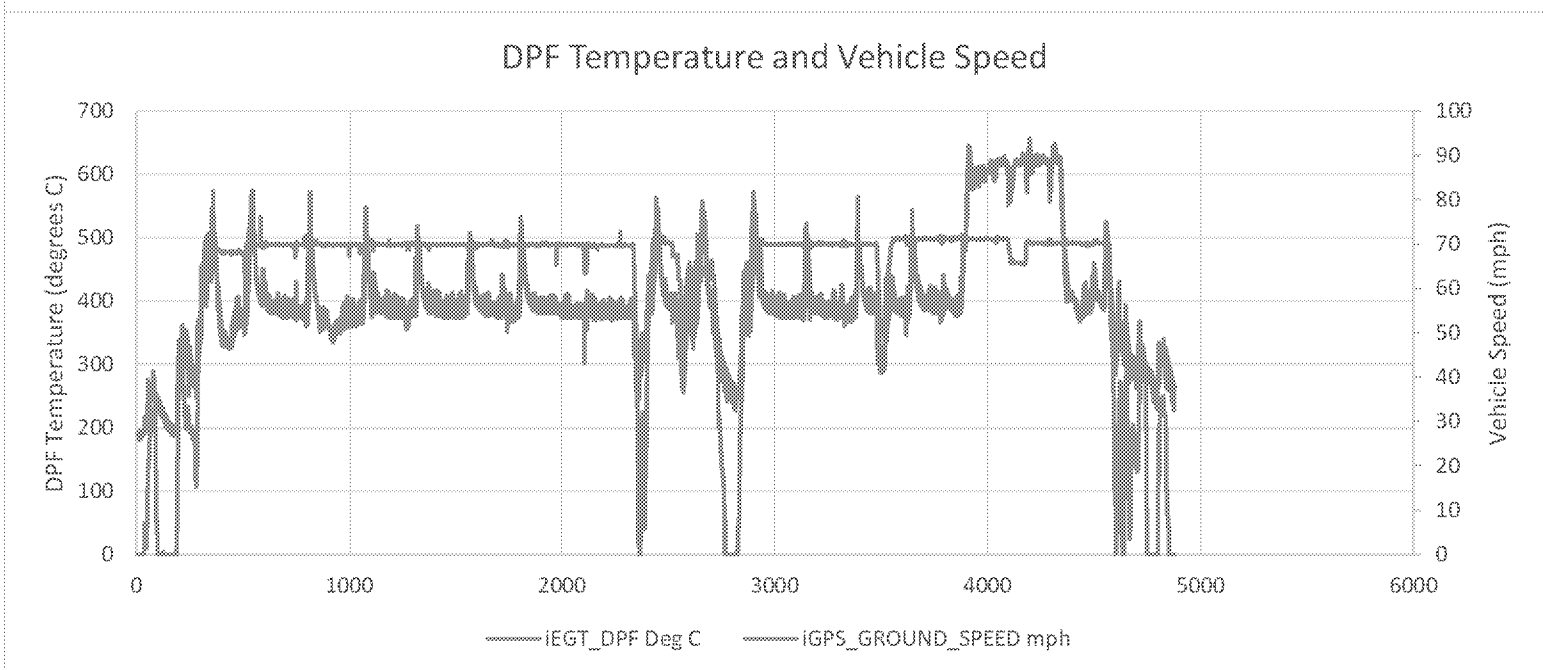
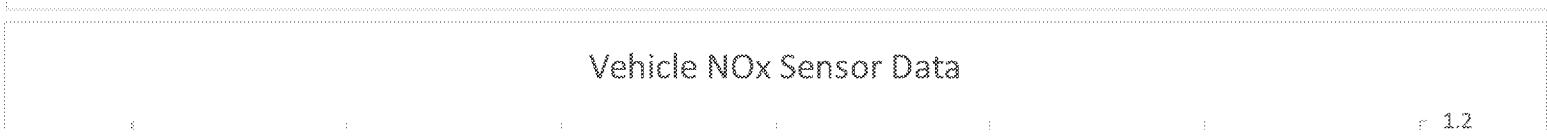
Test Duration (s)	4879
Calculated Test Duration (s)	4879
Average Ambient Temperature (deg C)	10.93
Calculated Average Ambient Temperature (deg C)	10.94
Total Distance Traveled (mi)	83.320
Calculated Total Distance Traveled (mi)	82.360
Total Fuel Consumed (gal)	2.074
Calculated Total Fuel Consumed (gal)	2.074
Overall Fuel Economy (mpg)	40.17
Calculated Overall Fuel Economy (mpg)	39.71
kNOx (g) (corrected NOx)	4.31
Calculated kNOx (g) (corrected NOx)	4.31
kNOx (g/mi) (corrected NOx)	0.052
Calculated kNOx (g/mi) (corrected NOx)	0.052
THC (g)	9.755
Calculated THC (g)	9.755
THC (g/mi)	0.117
Calculated THC (g/mi)	0.118
1st Measured ECT (deg F)	n/a
Test Start Time	09:29:09.434
Test Stop Time	10:50:27.434
Average Speed (mph)	60.77
Regeneration Event?	Yes
Average SCR temp (deg C)	397.42

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
09:29:09.434			
09:29:10.434			
09:29:11.434			
09:29:12.434			
09:29:13.434			
09:29:14.434			
09:29:15.434			0
09:29:16.434		0	0
09:29:17.434		13.6	321
09:29:18.434		14.6	895
09:29:19.434		23.7	835
09:29:20.434		26.6	821
09:29:21.434		24.1	833
09:29:22.434		24.3	828
09:29:23.434		23.8	832
09:29:24.434		23.4	830
09:29:25.434		23.5	829
09:29:26.434		24.2	831
09:29:27.434		24.9	829
09:29:28.434		25.4	830
09:29:29.434		25.2	832
09:29:30.434		25.1	830
		24.7	831
		24.7	829
		24.3	831
		24.9	830
		24.3	829
		24.3	829
		24.3	830
		24.6	829
		31	966
		47.4	1059
		32.8	896
		49.8	1128
		65.7	1278
		63.2	1265
		55.4	1324
		45.3	1450
		33.9	1462
		27.1	1233
		23.6	892
		24.6	890
		23.6	892
		37.3	826
		51.4	822
		65.9	913
		53.4	1285
		54.6	1644
		61	2085
		42.4	2427
		32.3	1863
		66.6	1427
		85.5	1622
		74.6	1852
		77	2006
		74.9	2149
		73.8	2285
		69.7	2435
		66.9	2561
		46.6	2476
		15.5	1835







imVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iSCB_LAT	ikNOxzw
	g/s	Deg C	Deg C	mph	gal/s	g/s	g/s	deg C	ppm
					0				
				0	0	0	0	10	0.1
				0	0	0	0	10	0.1
				0	0	0	0	10	0
				0	0	0	0	10	0
				0	0	0	0	10	0
	25.86114		191.8	0	0.000001	0	0	10	0
	0.71527		191.8	0	0.000002	0	0	10	0
	9.05146		191.8	0	0.000034	0	0.00003	10	0
	14.03935		191.8	0	0.00008	0	0.00005	10	0
	12.54563	163.350303	181.524691	0	0.00008	0.00001	0.00004	10	0.3
	10.05068	163.932404	191.8	0	0.00007	0.00001	0.00005	10	0.4
	9.22553	164.514504	191.8	0	0.000054	0.00001	0.00001	10	0.4
	9.08699	165.096604	191.8	0	0.000046	0.00001	0.00002	10	0.4
	8.99	165.670145	180.998099	0	0.000045	0.00001	0.00001	10	0.4
	8.88921	166.224361	194.2	0	0.000049	0.00001	0.00003	10	0.4
	8.40281	166.778578	194.2	0	0.00005	0.00001	0.00003	10	0.4
	7.59727	167.332795	194.2	0	0.000047	0.00001	0.00004	10	0.4
	6.99507	167.8	181.092827	0	0.000044	0	0.00004	10	0.3
	7.12699	167.8	193.889107	0	0.000043	0	0.00003	10	0.3
	6.93947	167.8	194.2	0	0.000043	0	0.00003	10	0.3
	6.89599	167.8	194.2	0	0.000044	0	0.00003	10	0.3
	6.89905	167.8	184.704516	0	0.000046	0	0.00004	10	0.3
	6.81184	168.419078	191.678942	0	0.000048	0	0.00004	10	0.3
	6.8	169.046945	194.2	0	0.00005	0	0.00005	10	0.3
	6.86626	169.674813	194.2	0	0.000051	0	0.00006	10	0.3
	6.80393	170.302681	187.49694	0	0.000052	0	0.00006	10	0.3
	6.7829	170.4	190.303333	0	0.000051	0	0.00006	10	0.3
	6.89731	170.4	194.2	0	0.000051	0	0.00003	10	0.3
	6.61862	170.4	194.2	0	0.000053	0	0.00005	10	0.3
	7.04223	170.4	189.637402	0	0.000065	0.00001	0.00006	10	0.3
	9.88701	175.603765	189.432938	0	0.000068	0.00001	0.00007	10	0.3
	9.97402	182.309647	194.2	0	0.000068	0.00001	0.00007	10	0.3
	10.56227	189.015529	194.2	0	0.000083	0.00001	0.00005	10	0.3
	15.69173	195.721412	194.424608	0	0.000106	0.00001	0.00004	10	0.3
	14.83868	205.053303	195.699258	0	0.000134	0.00001	0.00002	10	0.3
	12.91265	216.751597	194.2	0	0.000152	0.00001	0.00003	10	0.3
	11.44476	228.449892	194.2	3.3	0.000166	0.00001	0	10	0.4
	12.34812	240.148186	194.2	4.4	0.000172	0.00001	0.00003	10	0.5
	10.45776	244.446152	216.010413	6.9	0.000147	0.00001	0.00008	10	0.5
	6.86566	235.757865	196.5	7.2	0.000116	0.00001	0.00011	10	0.5
	7.21365	227.069579	195.984054	7.1	0.000096	0.00001	0.00011	10	0.5
	7.15621	218.381292	195.709707	7.1	0.000085	0.00001	0.00009	10	0.5
	8.98055	213.560102	203.458783	4	0.000095	0.00001	0.00011	10	0.5
	7.75011	221.612491	194.3175	3	0.000087	0.00001	0.00009	10	0.5
	11.68546	229.66488	196.5	1.7	0.000095	0.00001	0.00008	10	0.5
	13.85076	237.717269	196.5	1.3	0.00012	0.00001	0.00005	10	0.5
	21.73304	246.057143	218.918611	3.8	0.000201	0.00001	0.00005	10	0.5
	27.65904	256.771429	196.5	4.7	0.000418	0.00003	0.00009	10	0.5
	25.28393	267.485714	196.5	7.9	0.000399	0.00002	0.00007	10	0.5
	14.27817	278.2	197.369029	8.9	0.000254	0.00002	0.00011	10	0.5
	20.2786	289.661734	235.886601	12.5	0.000222	0.00002	0.0001	10	0.5
	25.5279	315.947869	207.050446	14.7	0.000299	0.00002	0.00013	10	0.5
	23.82627	342.234003	201.5	15.1	0.000418	0.00002	0.00008	10	0.5
	24.50182	368.520137	204.986454	15.1	0.000442	0.00002	0.00011	10	0.5
	26.93434	394.806271	275.242232	18.2	0.000472	0.00002	0.00012	10	0.5
	29.42667	400.171382	230.397596	19.4	0.000535	0.00002	0.00017	10	0.5
	33.90262	404.800141	215.638862	21.9	0.000632	0.00003	0.00024	10	0.5
	37.7539	409.4289	221.92915	22.7	0.00059	0.00003	0.00022	10	0.5
	26.15675	414.05766	260.904583	25	0.000342	0.00002	0.0002	10	0.4
	13.4238	396.27296	270.297174	25.8	0.000192	0.00001	0.00012	10	0.4

iNOX_B1S1	iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm	ppm	0/1	g
			0
			0
			0
			0
			0
			0
		0	0
		0	0
		0	0
		0	0
		0	0.00001
		0	0.00002
		0	0.00003
		0	0.00004
		0	0.00005
		0	0.00006
		0	0.00007
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00008
		0	0.00009
		0	0.0001
		0	0.00011
		0	0.00012
		0	0.00013
		0	0.00014
		0	0.00015
		0	0.00016
		0	0.00017
		0	0.00018
		0	0.00019
		0	0.0002
		0	0.00021
		0	0.00022
		0	0.00023
		0	0.00024
		0	0.00025
		0	0.00026
		0	0.00029
		0	0.00031
		0	0.00033
		0	0.00035
		0	0.00037
		0	0.00039
		0	0.00041
		0	0.00043
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		0	0.00048
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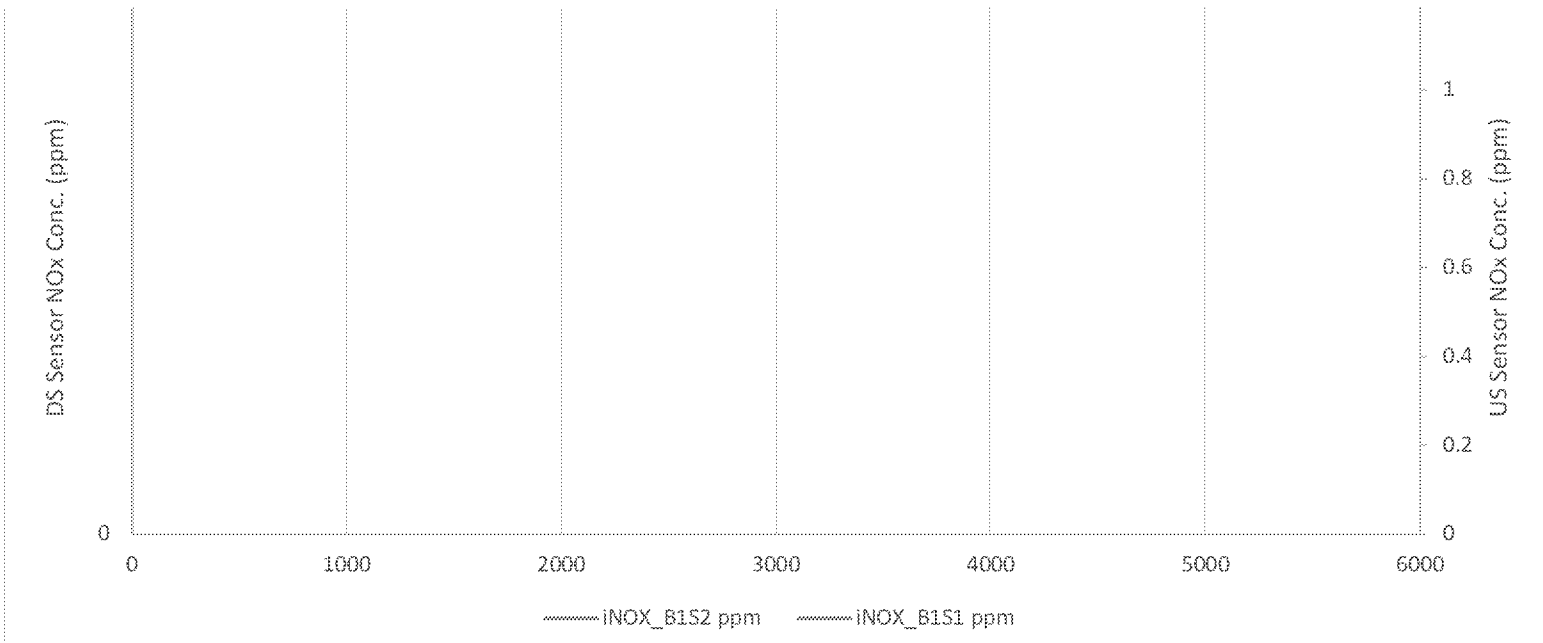
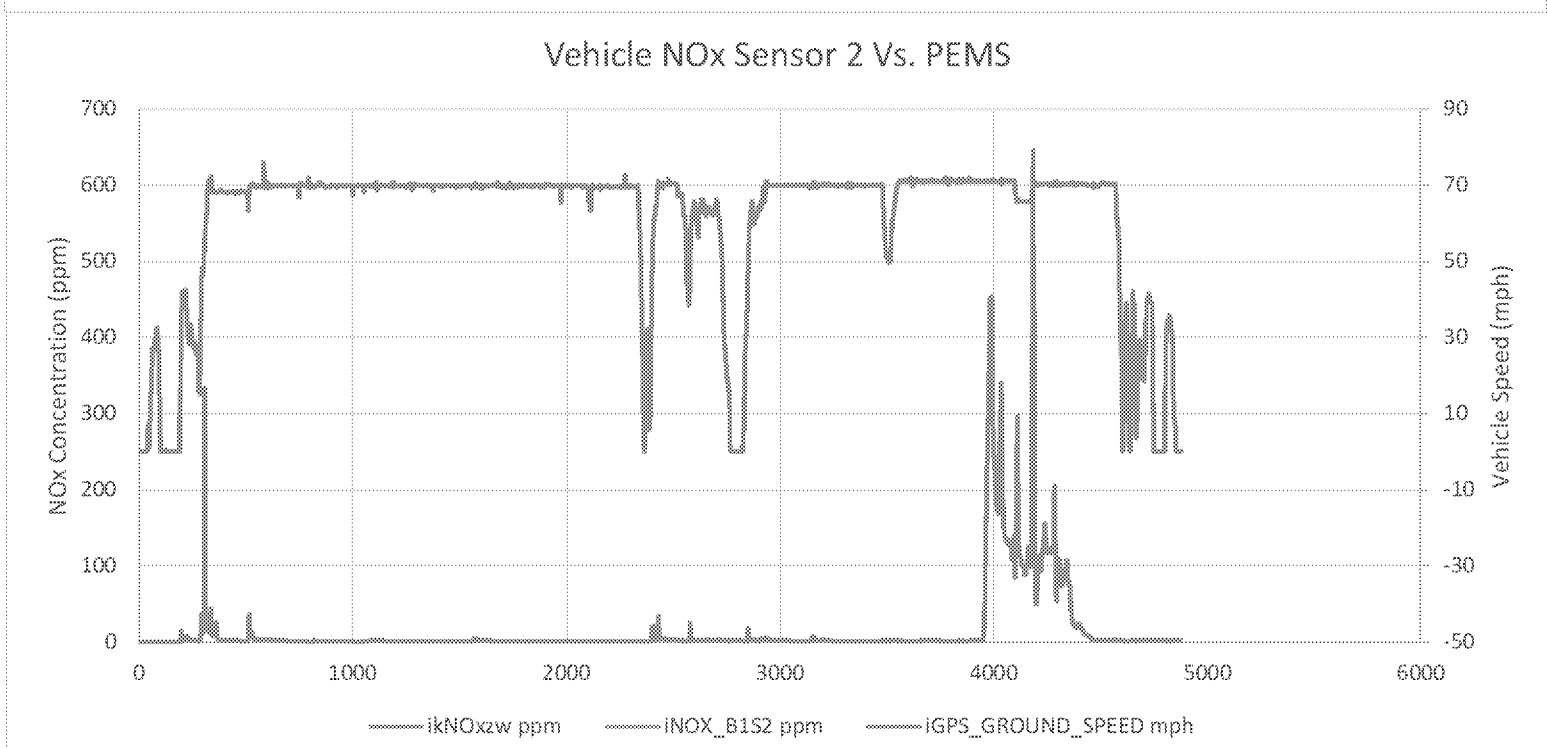
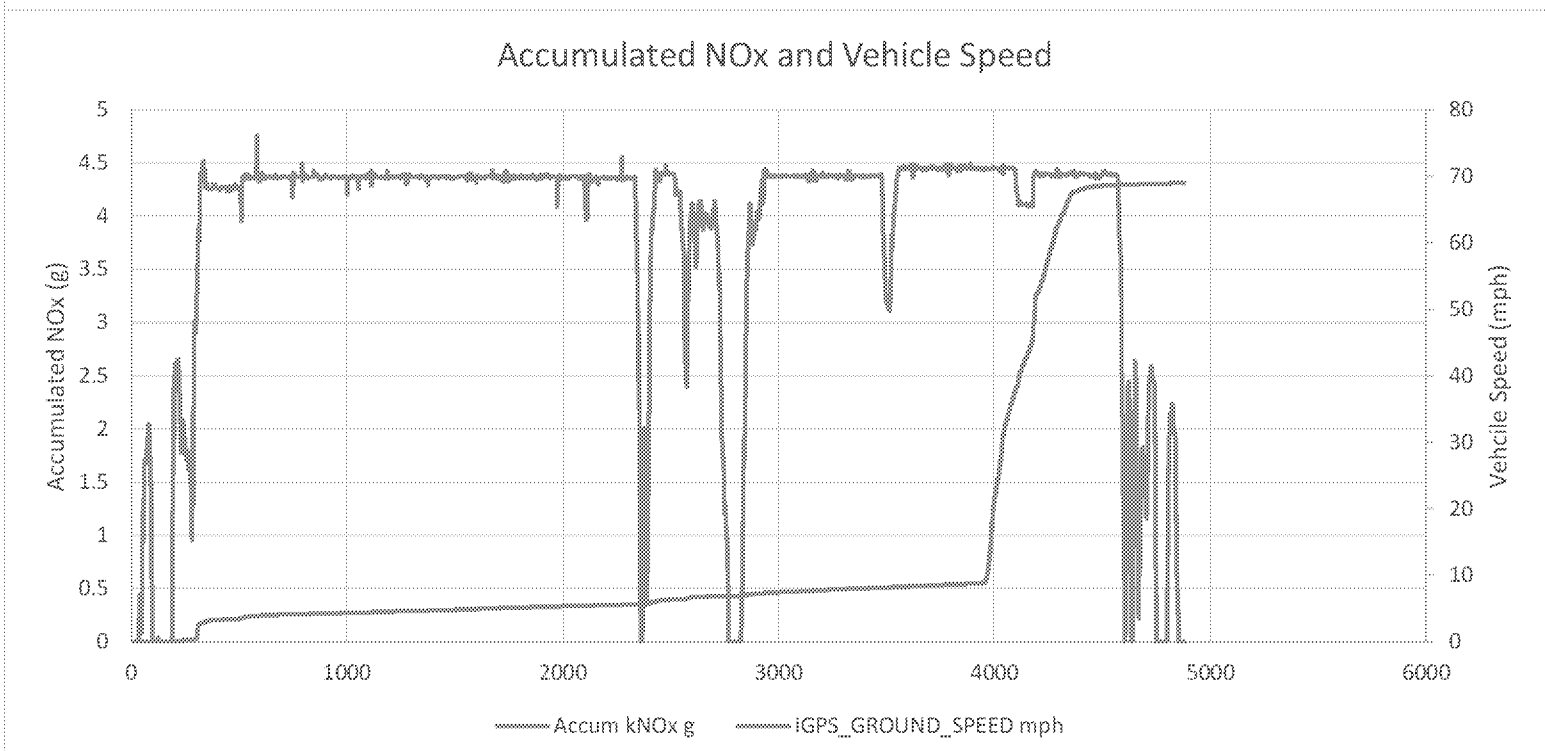
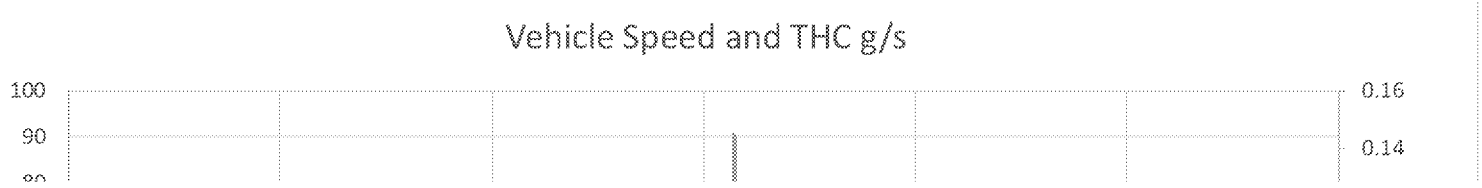
		0	0.00053
		0	0.00054









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53.1	1594
61.9	1629
48	1656
47.8	1665
50.6	1677
55.5	1697
60.3	1727
52.2	1752
59.4	1763
65	1786
66.5	1811
65.3	1840
64.7	1877
64.6	1919
63.6	1947
61	1973
55.7	1979
30.3	1966
22.7	1348
14.5	1310
0	1289
0	1231
0	1194
0	1149
0	1096
0.3	1016
18.9	913
45.1	799
78.5	758
16.6	1017
22.2	911
25.1	893
24.3	891
24.5	890
23.7	891
22.8	831
24.3	829
23.6	830
22.1	832
21.6	829
21.9	831
21.5	831
22.4	830
21.7	830
21.6	833
21.4	829
22.1	830
21.6	828
24.1	830
23.5	832
23.5	831
23.5	831
23.5	830
23.6	831
23.3	832
23.5	827
23.5	831
33.8	1125
29.4	881
26.4	866
25.2	833
25	831

12.66571	369.333467	236.471957	27.3	0.000148	0.00001	0.00013	10	0.4
15.45746	342.393974	237.3	26.9	0.000156	0.00001	0.00014	10	0.4
21.88155	315.454482	253.162254	26.6	0.000175	0.00001	0.00013	10	0.4
15.42548	308.1	255.46	26.8	0.000189	0.00001	0.00007	10	0.4
13.54654	308.1	243.885243	26.9	0.000194	0.00001	0.00005	10	0.4
14.10692	308.1	247.0528	26.9	0.000192	0.00001	0.00011	10	0.5
15.46085	308.1	256.848948	27.4	0.00021	0.00001	0.00014	10	0.5
17.81544	309.513417	264.070501	27.6	0.00024	0.00001	0.00014	10	0.5
15.98079	311.62931	250.1	27.9	0.00024	0.00001	0.00007	10	0.5
16.82359	313.745203	251.805263	28	0.000249	0.00001	0.00004	10	0.5
20.40824	315.861096	255.826944	28.7	0.000279	0.00002	0.00006	10	0.5
20.76825	321.358946	272.726739	28.9	0.000304	0.00002	0.00005	10	0.5
21.75551	330.119154	252.8	29.4	0.000327	0.00002	0.00003	10	0.5
21.44278	338.879362	252.8	29.5	0.000339	0.00002	0	10	0.5
22.61562	347.639569	253.156887	30.2	0.000352	0.00002	0.00001	10	0.5
22.3435	347.422471	288.202079	31.3	0.00035	0.00002	0	10	0.5
20.10759	337.000401	255.5	31.6	0.000295	0.00002	0	10	0.5
16.5111	326.578331	255.5	32.4	0.000254	0.00001	0.00001	10	0.5
16.3	316.15626	255.5	32.7	0.000225	0.00001	0.00006	10	0.5
10.26307	303.11173	280.053617	32.7	0.000136	0.00001	0.0001	10	0.5
11.04774	281.136971	255.5	32.7	0.000124	0.00001	0.00012	10	0.5
10.18556	259.162212	255.5	32.7	0.000096	0.00001	0.00011	10	0.5
14.47403	237.187454	255.5	31.6	0.000092	0.00001	0.00007	10	0.5
19.18901	216.703577	237.930619	31.2	0.000101	0.00001	0.00007	10	0.4
18.50564	202.744312	255.5	30	0.000063	0.00001	0.00002	10	0.4
17.86304	188.785047	255.5	29.6	0.000036	0.00001	0	10	0.4
11.9919	174.825782	255.5	28.1	0.000018	0.00001	0	10	0.4
7.92246	164.224939	210.135327	27.6	0.000011	0.00001	0	10	0.4
8.27467	171.255806	251.809406	25.3	0.000009	0.00001	0.00001	10	0.4
10.84012	178.286673	252.8	24.5	0.000009	0.00001	0	10	0.4
7.92016	185.31754	252.8	20.4	0.000009	0.00001	0.00003	10	0.4
7.15719	191.8	226.353797	15.5	0.000018	0.00001	0.00001	10	0.4
7.21813	191.8	249.770993	14.3	0.000038	0.00001	0.00002	10	0.5
7.1925	191.8	252.8	9.5	0.000056	0.00001	0.00002	10	0.5
7.28431	191.8	250.1	7.8	0.000055	0.00001	0.00002	10	0.5
7.3275	191.8	230.47507	4.4	0.000053	0.00001	0.00003	10	0.6
7.04984	191.8	242.919774	3.3	0.000052	0.00001	0.00003	10	0.6
6.80167	191.8	248.112208	0.8	0.000052	0.00001	0.00004	10	0.6
6.97822	191.8	247.6	0	0.000054	0.00001	0.00003	10	0.6
7.5372	191.8	232.091117	0	0.000056	0.00001	0.00004	10	0.6
6.96417	190.817167	238.518182	0	0.000054	0.00001	0.00004	10	0.6
7.05262	189.659532	245.811619	0	0.000053	0.00001	0.00003	10	0.6
6.96357	188.501897	244.9	0	0.000054	0.00001	0.00004	10	0.6
6.72206	187.344261	232.761736	0	0.000053	0.00001	0.00002	10	0.6
6.64811	186.616816	233.581046	0	0.000052	0.00001	0.00002	10	0.6
7.1409	186.004414	242.3	0	0.000051	0.00001	0.00001	10	0.6
6.91571	185.392013	242.3	0	0.000052	0.00001	0.00003	10	0.6
6.88634	184.779612	225.201616	0	0.000052	0.00001	0.00003	10	0.6
6.06801	184.7	231.437574	0	0.000051	0.00001	0.00002	10	0.6
6.22626	184.7	237.926356	0	0.000046	0.00001	0.00002	10	0.6
6.8207	184.7	237.3	0	0.000045	0.00001	0.00001	10	0.6
6.83215	184.7	223.416309	0	0.000047	0.00001	0.00003	10	0.7
6.86831	184.7	230.342481	0	0.000048	0.00001	0.00001	10	0.7
6.78929	184.7	235.178065	0	0.000048	0.00001	0.00002	10	0.7
6.89997	184.7	234.7	0	0.00005	0.00001	0.00001	10	0.7
6.73807	184.7	216.238934	0	0.000051	0.00001	0.00002	10	0.7
6.85655	184.7	227.689614	0	0.000051	0.00001	0.00001	10	0.7
6.81311	184.7	232.2	0	0.000055	0.00001	0.00001	10	0.7
11.06564	184.7	232.2	0	0.000064	0.00001	0.00001	10	0.7
6.24276	184.7	218.959286	0	0.000055	0.00001	0	10	0.7
6.41129	184.7	221.896569	0	0.000051	0.00001	0	10	0.7
6.52	184.7	227.835613	0	0.00005	0.00001	0	10	0.7
6.71123	184.7	227.1	0.5	0.00005	0.00001	0	10	0.7

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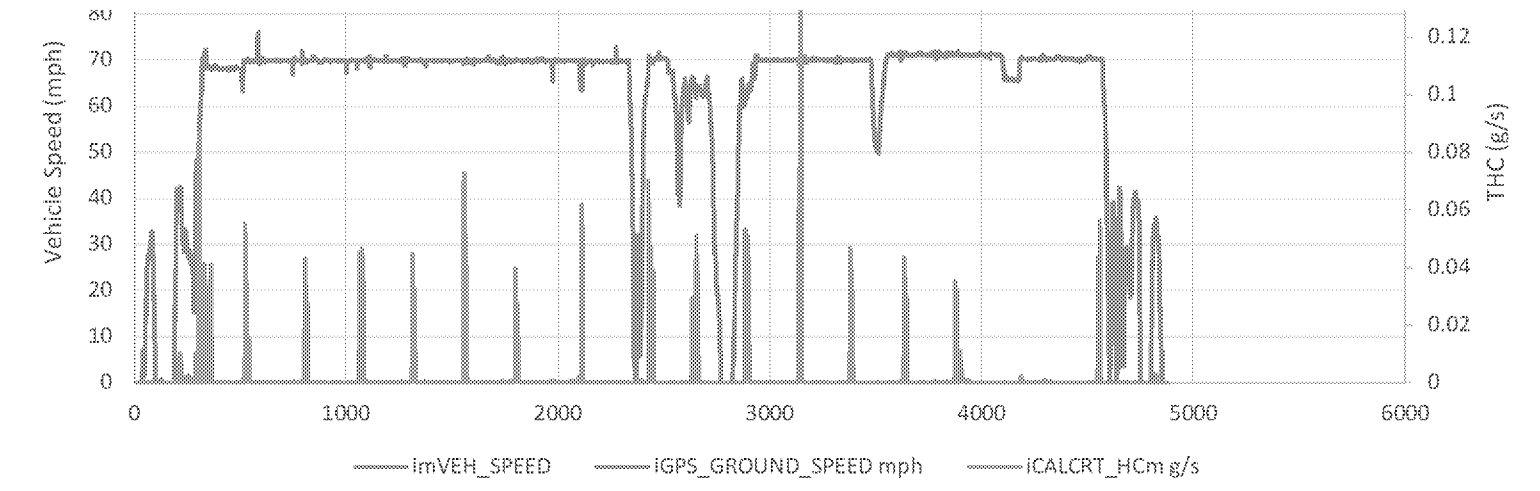

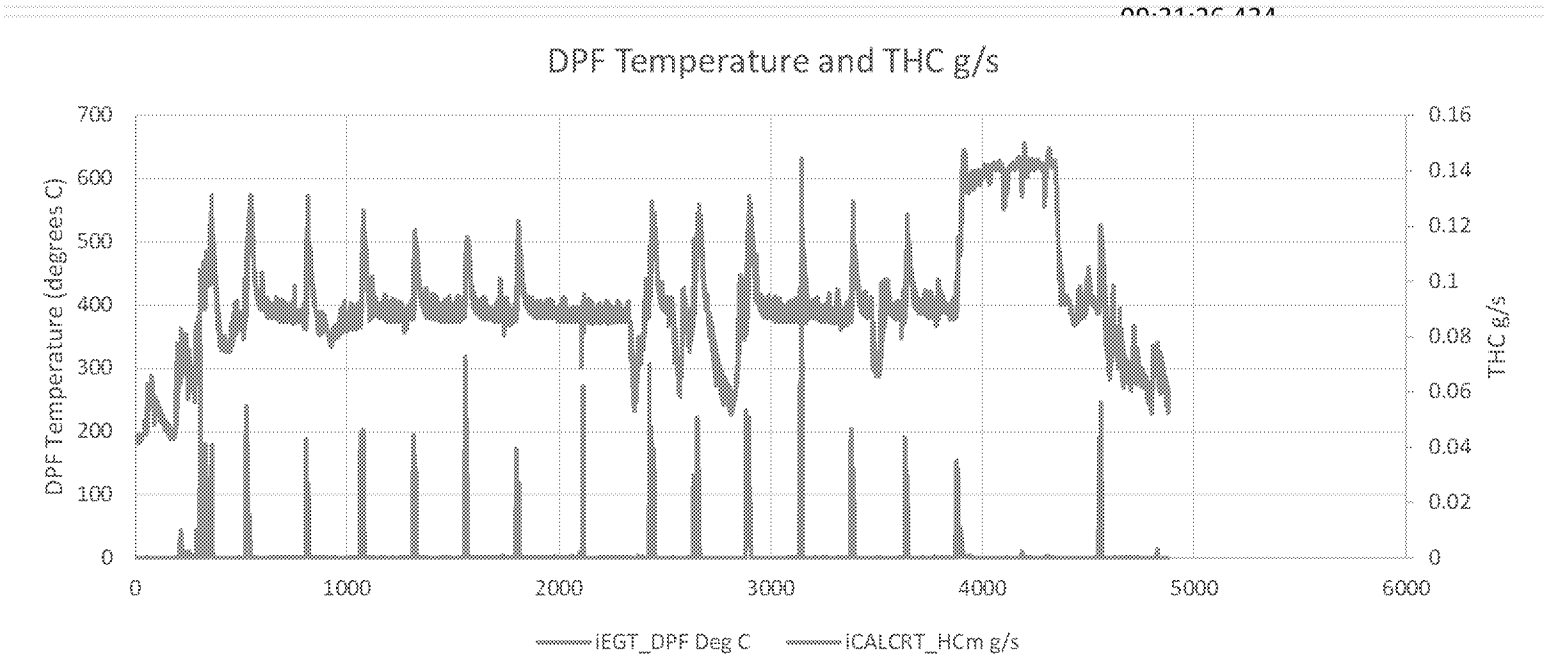

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6.64183	183.635673	225.614851	0	0.000046	0.00001	0	10	0.7
6.59157	183.034019	224.6	0	0.000046	0.00001	0	10	0.7
6.56681	182.432364	216.262621	0	0.000045	0.00001	0	10	0.6
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6.5126	179.636635	208.701756	0	0.000048	0.00001	0	10	0.6
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6.62376	177.5	203.869579	0	0.000048	0.00001	0.00001	10	0.5
6.56575	177.5	215.825937	0	0.000048	0.00001	0.00002	10	0.5
6.56496	177.5	214.2	0	0.000048	0.00001	0.00002	10	0.5
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6.54192	177.216453	200.962402	0	0.000048	0.00001	0.00001	10	0.5
6.54863	176.636603	211.7	0	0.000048	0.00001	0.00003	10	0.5
6.59502	176.056753	211.7	0	0.000048	0.00001	0.00001	10	0.5
6.62117	175.476903	211.7	0	0.000047	0.00001	0.00002	10	0.5
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6.49502	175.1	211.7	0	0.000048	0.00001	0.00001	10	0.5
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6.60942	175.1	194.505473	0	0.000048	0	0.00002	10	0.4
6.68308	175.1	209.2	0	0.000048	0	0.00001	10	0.4
6.52932	175.1	209.2	0	0.000048	0	0.00002	10	0.4
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6.61374	175.1	193.060827	0	0.000048	0	0.00003	10	0.4
6.60295	175.1	206.6	0	0.000048	0	0.00003	10	0.4
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31.62132	384.037383	264.860612	17.1	0.000275	0.00002	0.0001	10	0.5
68.32638	399.197877	205.506548	19.6	0.000987	0.0001	0.00016	10	0.8
77.40962	414.35837	211.194092	19.6	0.001221	0.00063	0.00012	10	4.5
35.4887	429.518864	220.362078	23.4	0.000385	0.00055	0.00004	10	11.2
38.09955	440.291983	309.646965	24.7	0.000594	0.00114	0.00014	10	14.4
52.76789	444.511392	236.833846	31.6	0.00084	0.00136	0.00015	10	14.7
40.11849	448.730802	244.284547	33.9	0.000643	0.00091	0.00007	10	13.6
24.20234	452.950211	253.715107	37	0.00044	0.00059	0.00004	10	12.7
16.53709	438.378277	338.698431	38	0.000221	0.00032	0.00004	10	11.7
19.67329	392.083321	264.330701	40.9	0.000223	0.0004	0.00009	10	10.6
10.86733	345.788366	267.243542	41.9	0.000077	0.0002	0.00002	10	8.9
13.00973	299.493411	269.3	41.3	0.000045	0.00015	0.00002	10	6.8
13.02239	264.102983	268.384273	40.2	0.000031	0.00012	0.00002	10	5.3
12.47787	265.426052	274.7	39.9	0.000035	0.0001	0.00003	10	4.7
14.70012	266.749122	274.7	39.9	0.000059	0.0001	0.00004	10	4
17.60688	268.072191	274.7	39.6	0.000106	0.0001	0.00003	10	3.4
13.90575	272.374727	273.519957	39.5	0.000209	0.00012	0.00004	10	3.3
25.10242	315.079267	276.97473	39.8	0.000327	0.00014	0	10	3.2
23.97333	357.783807	277.4	40.7	0.000388	0.00013	0.00089	10	3
23.88407	400.488347	274.7	40.9	0.000473	0.00013	0.00376	10	3
23.71021	443.192887	335.15	41.7	0.000513	0.00014	0.00633	10	3.1
23.87903	474.535744	293.625835	41.9	0.000531	0.00015	0.00777	10	3.3
23.64665	505.318267	276.746817	41.9	0.000533	0.00017	0.0089	10	3.8
23.36955	536.10079	277.764085	42.2	0.000536	0.00018	0.01005	10	4.2
21.77305	566.883313	362.365806	42.4	0.000502	0.00018	0.00984	10	4.5
15.8077	559.655062	312.262473	42.5	0.000428	0.00017	0.00717	10	4.9
15.12513	548.297037	285.167493	42.5	0.000387	0.00018	0.00724	10	5.9
12.5345	536.939012	288.619479	42	0.00033	0.00017	0.00689	10	6.6
12.24648	525.580988	357.791737	41.9	0.000275	0.00017	0.00468	10	7.3
10.40715	477.911247	332.586029	40.7	0.000168	0.00017	0.00208	10	7.8
10.49217	423.933838	300.232483	38.2	0.000079	0.00016	0.00078	10	8.1
11.90776	369.956429	304.969289	37.5	0.000045	0.00014	0.00033	10	7.3
12.97301	315.979019	307.594093	37.5	0.000031	0.00012	0.00019	10	6
19.96284	283.163467	311.869264	35.8	0.000044	0.00019	0.0002	10	5
22.74685	259.811032	319.703333	33.5	0.000034	0.00017	0.00015	10	4.3
21.45444	236.458596	326.352996	33	0.000026	0.00014	0.0001	10	3.7
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19.93982	199.677353	296.214806	31.3	0.000015	0.0001	0.00008	10	3
13.74875	196.0538	338.812679	30.7	0.000012	0.00008	0.00003	10	2.6
9.1479	192.430247	342.299701	29.5	0.000007	0.00004	0.00001	10	2.3
15.74616	188.806694	335.072111	29.1	0.000013	0.00004	0	10	2.1
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17.83809	265.750688	342.087283	28.4	0.000167	0.00005	0.00001	10	1.7
15.83377	317.189987	340.3	29.4	0.00025	0.00005	0.00043	10	1.8
15.43023	368.629287	340.282403	31.3	0.000302	0.00006	0.00125	10	2.1
13.33996	390.941782	353.816667	31.8	0.000294	0.00007	0.00142	10	2.6
10.37873	387.836506	333.308469	31.8	0.000253	0.00007	0.00134	10	3
10.60887	384.731229	331.4	32.8	0.000231	0.00007	0.00179	10	3.6
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16.21426	358.998471	342.640238	33.4	0.000159	0.00009	0.00134	10	4.2
22.97586	321.823028	324.441724	32.8	0.000156	0.00017	0.001	10	4.4
22.67565	284.647586	321.15803	32.6	0.000074	0.00016	0.00033	10	4.1
22.03909	247.472143	319.539241	32.6	0.000036	0.00013	0.00012	10	3.5
21.64406	222.557502	286.042334	31.9	0.000022	0.00011	0.00006	10	2.8
20.94441	212.507727	316.08869	30.9	0.000015	0.00009	0.00003	10	2.6
15.61993	202.457952	314	30.7	0.000009	0.00005	0.00003	10	2.5
13.15613	192.408177	311.923077	29.3	0.000008	0.00005	0.00003	10	2.4
16.06524	194.924473	250.820118	28.8	0.000023	0.00006	0.00006	10	2.3
18.46811	238.806329	307.922104	28.3	0.00009	0.00007	0.00006	10	2.1
21.16082	282.688186	304.556563	28.2	0.000223	0.00007	0.0002	10	2

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09:34:18.434	7.3	2260
09:34:19.434	77.4	2497
09:34:20.434	16.7	2798
09:34:21.434	86.3	2228

17.60455	326.570042	302.1	28.2	0.000308	0.00006	0.00213	10	1.9
10.83897	360.554886	329.129087	28.6	0.000251	0.00004	0.00244	10	1.9
8.65222	355.921975	298.758929	28.9	0.000217	0.00004	0.00233	10	1.9
11.86736	351.289063	296.6	28.9	0.000216	0.00005	0.00195	10	2.4
20.77002	346.656152	296.6	27.7	0.000239	0.00009	0.00149	10	2.7
16.89614	342.122795	315.949901	27.2	0.000186	0.00007	0.00045	10	2.7
8.3481	337.881831	291.1	27.2	0.000204	0.00006	0.00016	10	2.6
9.59055	333.640867	291.1	28.1	0.000177	0.00005	0.00006	10	2.6
8.72771	329.399904	291.1	28.7	0.000145	0.00004	0.00004	10	2.7
8.55761	323.349767	305.304685	28.8	0.00012	0.00004	0.00004	10	2.7
8.80003	301.712914	288.538363	28	0.000134	0.00005	0.00005	10	2.8
17.52488	280.07606	288.4	27.7	0.000133	0.00007	0.00009	10	2.8
10.80588	258.439206	285.7	27.7	0.000067	0.00005	0.00005	10	2.8
9.58686	237.771144	266.135493	26.6	0.000036	0.00004	0.00003	10	2.7
11.13817	258.255673	283.719766	25.9	0.000034	0.00005	0.00002	10	2.6
17.85472	278.740201	285.7	25.8	0.00008	0.00006	0.00003	10	2.4
17.28449	299.22473	285.7	25.8	0.000189	0.00007	0.00006	10	2.3
12.39634	319.709259	295.342275	26.1	0.000216	0.00005	0.00018	10	2.2
8.6918	319.658185	289.196977	27.2	0.000205	0.00004	0.00047	10	2.2
9.48812	316.096341	283	27.5	0.00022	0.00005	0.00088	10	2.3
5.70244	312.534496	283	26.9	0.000168	0.00004	0.00095	10	2.3
6.60641	308.972652	287.596338	26.7	0.000109	0.00003	0.00055	10	2.3
7.82001	291.184109	285.996928	26.7	0.000075	0.00004	0.00035	10	2.5
10.02103	268.778955	280.1	25.8	0.000057	0.00005	0.00021	10	2.5
20.33836	246.373801	280.1	25.5	0.000073	0.00008	0.00014	10	2.5
18.93468	223.968647	275.366597	23.9	0.000057	0.00008	0.00006	10	2.5
12.69849	211.117882	259.474322	23.4	0.000031	0.00006	0.00001	10	2.4
6.56252	205.653135	280.1	20	0.000013	0.00003	0	10	2.4
7.87344	200.188387	280.1	16.7	0.00001	0.00003	0	10	2.2
12.17055	194.72364	276.497046	16	0.000021	0.00005	0	10	2.1
27.22273	223.402923	247.368597	16	0.000126	0.00009	0	10	2
45.23496	291.3662	276.638119	15.2	0.000587	0.00014	0	10	1.8
56.98203	359.329476	274.7	19	0.001032	0.0002	0	10	1.9
67.6056	427.292752	276.877419	20.4	0.001192	0.00028	0	10	2.2
62.12666	474.271356	360.088119	20.4	0.000632	0.00028	0	10	3.6
25.38145	477.864474	283.452417	27.6	0.000326	0.00026	0	10	5.1
54.62072	481.457591	285.7	30	0.000747	0.00055	0.00005	10	5.5
58.37167	485.050709	287.789502	34.2	0.001129	0.00076	0.00493	10	6.6
68.75234	480.666792	369.810176	35.6	0.001376	0.0018	0.00996	10	13.8
69.81899	462.930943	299.266152	39.2	0.001059	0.00277	0.0036	10	25.4
27.54482	445.195094	312.230821	40.4	0.000424	0.00189	0.00059	10	34.8
10.36429	427.459245	320.186933	45.5	0.000126	0.00083	0.00009	10	36.5
10.72256	410.080544	367.225	47.2	0.000087	0.00074	0.00004	10	31.9
14.9361	395.00998	327.057384	47.9	0.000067	0.00069	0.00006	10	26.1
23.48165	379.939415	328.908119	48.2	0.000087	0.00075	0.00004	10	21.8
27.14453	364.868851	332.910681	47	0.0002	0.00069	0.00004	10	16.9
39.56396	356.423058	343.36474	46.5	0.000483	0.00085	0.00003	10	14.4
26.0393	381.26076	337.488149	46.6	0.000632	0.00086	0.00005	10	13.7
32.6449	406.098461	337.4	46.6	0.000744	0.00107	0.00012	10	14.9
31.06789	430.936163	337.4	48.3	0.000636	0.00114	0.0001	10	16.5
44.48879	455.944355	383.777083	48.9	0.000757	0.0013	0.00376	10	17.2
46.27509	505.137903	342.743811	50.2	0.001113	0.00202	0.02738	10	20.9
49.89159	554.331452	340.004314	52	0.001329	0.00478	0.05558	10	44.7
49.99706	603.525	347.338152	52.5	0.00119	0.0086	0.05795	10	92.5
49.33085	652.718548	454.905508	55	0.001349	0.01881	0.08629	10	184.1
58.40507	622.03859	415.623558	55.8	0.001313	0.03254	0.067	10	304.3
28.18157	583.938688	392.4	55.8	0.000512	0.01735	0.0127	10	333.1
25.77192	545.838786	412.55	58	0.000392	0.01166	0.00383	10	239.1
56.01807	507.738883	442.884507	58.8	0.000664	0.01265	0.0022	10	148.5
34.66874	483.957216	442.402374	59.7	0.000367	0.00379	0.00044	10	83.8
67.75715	463.087439	434.31873	60.8	0.00064	0.00485	0.00045	10	53.1
25.46366	442.217663	435.3	61.1	0.000416	0.00252	0.00026	10	37.6
52.74595	421.347886	431.209642	61.1	0.000788	0.00249	0.00026	10	26.6

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48.8032	443.761667	426.566384	60.3	0.000971	0.00219	0.00005	10	23.4
62.13382	483.428333	426.769862	62.2	0.001292	0.00271	0.00002	10	22.6
63.01245	523.095	420.306579	62.9	0.001163	0.00241	0	10	22.3
46.52534	562.761667	424.889112	62.9	0.000913	0.00194	0	10	21.9
42.92324	564.416429	466.585833	65.7	0.000768	0.0016	0	10	21.5
40.84193	530.273571	410.821331	68.7	0.00064	0.00133	0.00003	10	20.7
25.63631	496.130714	407.152203	69.4	0.000476	0.00098	0	10	19.9
9.32237	461.987857	405.5	69.4	0.000233	0.0005	0.00002	10	19.4
32.18745	441.765181	418.759245	70.2	0.000319	0.00081	0.00003	10	18.3
31.59648	451.813373	401.477668	70.5	0.000504	0.00093	0.00002	10	16.3
38.26046	461.861566	398.8	70.1	0.000584	0.00098	0.00006	10	15.3
32.24224	471.909759	396.85572	70.5	0.000538	0.00083	0.00001	10	14.4
26.17692	486.655412	436.278039	70.7	0.000556	0.00072	0.0014	10	13.7
25.34045	525.173059	393.287843	70.7	0.000618	0.00066	0.01357	10	13.1
27.13639	563.690706	392.6	71.1	0.000685	0.00068	0.03327	10	13
29.89294	602.208353	392.6	71.5	0.000751	0.00078	0.04125	10	13.7
27.8448	640.726	473.894159	71.5	0.000735	0.00086	0.04083	10	15.5
25.40732	648.958128	423.563549	71.5	0.00067	0.00098	0.0331	10	19.2
23.001	654.376847	404.087745	71.9	0.000592	0.00111	0.02423	10	24.7
22.48638	659.795567	408.983333	72.2	0.000551	0.00131	0.01825	10	31
17.51267	665.214286	484.4375	72.2	0.000404	0.00116	0.01102	10	37
14.88655	608.706618	462.433663	72.2	0.000356	0.00118	0.00529	10	41.1
25.08429	541.696814	429.742534	72.3	0.000294	0.00147	0.00238	10	43.7
14.99672	474.68701	432	71.4	0.000216	0.00127	0.00075	10	40
16.17393	407.677206	431.313257	71.1	0.000186	0.00109	0.00032	10	30.6
27.95279	392.6	436.923762	71.1	0.00018	0.00131	0.00021	10	23.3
25.58818	392.6	450.518646	69.9	0.000071	0.00062	0.00012	10	16.4
34.7198	392.6	454.826046	68.6	0.000236	0.00056	0.00007	10	10.7
26.48183	392.6	447.473786	68.2	0.000426	0.00048	0.00007	10	8.8
27.27626	411.746235	437.88145	68.2	0.000489	0.00047	0.00005	10	8.6
26.20862	442.331276	449.954506	68.6	0.000452	0.00043	0.00003	10	8.6
24.53773	472.916317	445.793911	68.8	0.000439	0.00039	0.00103	10	8.4
23.3857	503.501358	448.130097	68.8	0.000511	0.00035	0.00972	10	8
23.34675	535.419616	460.741306	68.8	0.000545	0.00034	0.02124	10	7.9
23.09665	568.323295	434.038043	68.7	0.000566	0.00034	0.02087	10	7.8
23.05929	601.226974	432	68.7	0.000572	0.00034	0.01849	10	7.8
23.59471	634.130654	432	68.7	0.000579	0.00034	0.01915	10	7.8
24.47612	658.60305	526.675645	68.5	0.000595	0.00035	0.02187	10	7.8
24.13287	664.132432	432	68.4	0.000598	0.00036	0.02539	10	7.8
24.23542	669.661815	432.870771	68.2	0.000609	0.00038	0.02899	10	8.2
25.01744	675.191198	437.369876	68.2	0.000615	0.00044	0.03285	10	9.5
24.33925	679.790613	545.966766	68.2	0.000609	0.00057	0.03324	10	12.4
23.87773	681.938296	445.89127	68.2	0.000606	0.0008	0.03309	10	17.3
24.49781	684.08598	452.372969	68.2	0.000604	0.00101	0.03354	10	22
24.94764	686.233663	457.435106	68.1	0.00061	0.00116	0.03531	10	25.1
25.23178	685.059275	573.116878	68.1	0.000615	0.00122	0.0372	10	26.1
24.55452	661.847632	476.501388	68.1	0.000619	0.00119	0.04085	10	25.3
25.45914	638.635989	479.919197	68.1	0.000596	0.00104	0.04089	10	22.6
26.44789	615.424346	486.443421	68.1	0.000555	0.00084	0.02415	10	19.2
25.54831	592.330822	536.074477	68.1	0.000561	0.00067	0.00796	10	14.9
23.92764	570.653182	506.089118	68.1	0.000561	0.00049	0.00268	10	10.7
25.25197	548.975543	504.571914	68	0.000544	0.00033	0.00103	10	7.3
24.77708	527.297903	509	68	0.000493	0.00026	0.00047	10	5.7
24.54923	505.620263	507.640426	68	0.000458	0.00022	0.0003	10	5.1
24.27324	498.507924	502.500243	68	0.000444	0.0002	0.00021	10	4.6
23.55807	491.753747	498.577007	68	0.000429	0.00017	0.00013	10	4
23.67265	484.99957	494.263061	68.1	0.000427	0.00014	0.00011	10	3.4
24.28418	478.245394	484.527053	68.2	0.000432	0.00013	0.00005	10	3.1
24.55874	473.430613	478.196635	68.2	0.000441	0.00012	0.00005	10	2.7
24.14847	469.14386	474.652679	68.2	0.000437	0.00011	0	10	2.6
22.83114	464.857108	467.700267	68.2	0.000409	0.0001	0.00001	10	2.6
21.58545	460.570356	458.597911	68.2	0.000388	0.0001	0	10	2.5
20.71447	448.940537	453.201297	68.2	0.000366	0.00009	0.00001	10	2.4

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09:36:17.434	64.1	1880
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09:36:19.434	62.9	1879
09:36:20.434	61	1879
09:36:21.434	59.6	1882
09:36:22.434	60.1	1881
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09:36:24.434	55.7	1885
09:36:25.434	58.1	1884
09:36:26.434	62.4	1880
09:36:27.434	64.2	1879

18.7658	433.477122	446.898371	68.2	0.000341	0.00008	0.00004	10	2.4
15.7806	418.013707	442.566009	68.5	0.000293	0.00007	0.00003	10	2.4
15.16513	402.550293	435.23125	68.6	0.000259	0.00007	0.00003	10	2.4
15.48664	384.076965	421.802083	68.8	0.000235	0.00007	0.00002	10	2.4
15.8039	363.209756	430.688696	68.8	0.000213	0.00007	0.00003	10	2.4
15.69988	342.342547	426.667333	68.8	0.000184	0.00007	0.00002	10	2.4
15.76769	321.475339	422.230132	68.8	0.000143	0.00007	0	10	2.5
15.68294	306.806316	387.568675	68.8	0.000119	0.00007	0	10	2.5
15.59186	298.385263	417.062967	68.8	0.000113	0.00007	0	10	2.5
15.60232	289.964211	413.282609	68.6	0.000116	0.00007	0	10	2.5
15.50671	281.543158	402.609053	68.5	0.000116	0.00007	0	10	2.5
15.49226	275.964521	368.599086	68.5	0.000116	0.00007	0.00001	10	2.5
15.24	273.138776	401.657889	68.5	0.000119	0.00007	0.00002	10	2.6
15.66763	270.31303	398.8	68.5	0.000123	0.00007	0.00002	10	2.6
15.44129	267.487284	377.56129	68.5	0.000125	0.00007	0.00002	10	2.6
15.71971	266.121951	359.002353	68.4	0.000126	0.00007	0.00001	10	2.5
15.424	265.425087	386.4	68.4	0.000129	0.00007	0.00002	10	2.5
15.51782	264.728223	382.352336	68.2	0.000134	0.00007	0.00002	10	2.5
15.54648	264.031359	368.07037	68.2	0.00014	0.00007	0.00005	10	2.5
15.54394	264.261827	347.089804	68.2	0.000139	0.00007	0.00005	10	2.5
15.28249	264.953185	370.670673	68.1	0.000138	0.00007	0.00007	10	2.6
15.11289	265.644543	367.7	68.1	0.000139	0.00007	0.00005	10	2.5
15.20091	266.335901	352.837673	68.1	0.000145	0.00007	0.00005	10	2.5
15.25829	270.650506	335.09266	68.1	0.000154	0.00007	0.00005	10	2.5
15.4917	277.204723	356.892552	68.1	0.000171	0.00007	0.00004	10	2.5
15.47227	283.75894	353.312416	68.1	0.000187	0.00007	0.00006	10	2.5
15.52456	290.313157	348.646657	68.1	0.000203	0.00007	0.00004	10	2.5
16.85166	298.396429	328.90566	68	0.000228	0.00007	0.00007	10	2.5
18.32722	308.217857	345.242334	68	0.000259	0.00008	0.00007	10	2.5
19.10297	318.039286	342.071351	68	0.000288	0.00008	0.00008	10	2.5
19.40678	327.860714	340.3	68	0.000303	0.00009	0.00005	10	2.6
20.53083	336.390527	336.19001	67.9	0.00031	0.00009	0.00003	10	2.6
20.81363	342.225488	336.95245	67.9	0.000313	0.00009	0.00003	10	2.6
20.97457	348.060449	333.729079	67.9	0.000315	0.0001	0	10	2.6
21.55704	353.89541	331.4	67.9	0.000317	0.0001	0.00005	10	2.6
21.4754	359.445463	343.990188	67.9	0.000327	0.0001	0.00002	10	2.6
22.31345	364.030829	331.4	68	0.000336	0.0001	0.00004	10	2.6
21.67392	368.616195	330.899055	68	0.00033	0.0001	0.00004	10	2.6
22.04069	373.201561	328.5	68.3	0.000333	0.0001	0.00003	10	2.6
21.90469	377.2	351.738445	68.4	0.000337	0.0001	0.00004	10	2.6
21.02	377.2	329.489445	68.2	0.000334	0.0001	0.00001	10	2.6
21.03014	377.2	328.5	68.2	0.000328	0.0001	0.00005	10	2.6
21.05026	377.2	328.5	68.1	0.00032	0.00009	0.00003	10	2.6
20.9868	377.2	349.473573	68.1	0.000311	0.0001	0.00006	10	2.6
20.30561	377.2	330.724628	68.2	0.000311	0.0001	0.00003	10	2.6
21.43765	377.2	328.5	68.2	0.000317	0.0001	0.00004	10	2.7
21.54796	377.2	328.5	68.2	0.00032	0.0001	0.00005	10	2.7
21.17343	377.2	341.317618	68.2	0.000315	0.0001	0.00005	10	2.7
20.85716	376.553119	336.887488	68.2	0.000314	0.0001	0.00007	10	2.7
21.02036	375.767115	328.5	68.2	0.000314	0.0001	0.00003	10	2.8
20.78297	374.981111	328.5	68.2	0.000313	0.0001	0.00003	10	2.8
21.12836	374.195106	339.914851	68.2	0.000321	0.00011	0.00003	10	2.8
21.86377	374.1	332.746365	68.2	0.000326	0.00011	0.00004	10	2.8
21.18453	374.1	325.6	68.2	0.000322	0.0001	0.00005	10	2.7
20.61292	374.1	325.6	68.2	0.000312	0.0001	0.00002	10	2.7
20.21151	374.1	335.43662	68.2	0.000306	0.0001	0.00004	10	2.6
20.055	371.232331	336.013376	68.2	0.000298	0.0001	0.00002	10	2.7
19.94576	367.330741	325.6	68.2	0.000293	0.0001	0.00005	10	2.7
19.25787	363.42915	325.6	68.2	0.000279	0.00009	0.00002	10	2.7
16.21429	359.52756	330.05105	68.2	0.000245	0.00008	0.00003	10	2.7
16.36289	357.310824	331.294174	68.4	0.000226	0.00008	0.00004	10	2.7
18.28449	355.77893	325.6	68.4	0.000246	0.00008	0.00009	10	2.7
21.13184	354.247037	325.6	68.4	0.000291	0.00009	0.00011	10	2.7

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22.70011	352.715143	330.730214	68.4	0.000322	0.0001	0.00009	10	2.7
22.53593	363.913204	331.429059	68.1	0.000326	0.0001	0.00007	10	2.7
23.58924	379.843524	325.6	68	0.000374	0.00011	0.00003	10	2.7
24.63476	395.773845	325.6	68	0.000434	0.00012	0.0001	10	2.7
26.26953	411.704166	342.111613	67.8	0.000474	0.00013	0.0001	10	2.7
26.40498	423.508625	343.683497	67.7	0.000492	0.00013	0.00011	10	2.7
27.1896	434.066731	325.6	67.7	0.000498	0.00013	0.00008	10	2.6
27.45915	444.624837	325.6	67.7	0.000502	0.00013	0.00003	10	2.5
28.34432	455.182943	342.11567	67.7	0.000514	0.00013	0.00002	10	2.5
28.88483	462.475899	363.779961	67.7	0.000525	0.00013	0	10	2.4
28.54893	467.842987	329.916938	67.8	0.000532	0.00013	0	10	2.5
28.92425	473.210076	331.4	67.8	0.000541	0.00013	0	10	2.4
29.58951	478.577165	347.295425	67.8	0.000552	0.00013	0	10	2.4
28.30582	479.707357	370.412389	67.9	0.000549	0.00012	0	10	2.3
27.59855	478.834539	335.934192	67.9	0.000534	0.00012	0	10	2.3
26.74902	477.961721	337.4	67.9	0.000511	0.00012	0	10	2.3
27.89016	477.088903	354.413086	68.4	0.000504	0.00012	0	10	2.3
26.65414	476.202101	374.789796	68.5	0.000489	0.00011	0	10	2.3
26.45365	475.308382	341.678218	68.3	0.000478	0.00011	0	10	2.2
27.39797	474.414662	343.2	68.2	0.000485	0.00011	0	10	2.2
28.06564	473.520942	349.745143	68.2	0.000499	0.00011	0	10	2.2
27.6798	473.1	383.822772	68.2	0.000495	0.00011	0	10	2.2
26.83749	473.1	346.1	68.1	0.000482	0.0001	0	10	2.1
26.414	473.1	348.425265	68.1	0.000485	0.0001	0	10	2.1
27.89849	473.1	359.186047	68.1	0.000505	0.0001	0	10	2
28.88884	475.971921	387.385833	68.1	0.000515	0.0001	0	10	2
29.2835	481.193596	350.194995	68.1	0.000544	0.0001	0	10	2
30.1057	486.415271	352.3	68.1	0.000576	0.00011	0	10	2
29.2805	491.636946	352.3	67.9	0.000571	0.0001	0	10	1.9
28.39435	492.228244	401.332353	68	0.000546	0.0001	0	10	1.9
27.98157	488.000169	355.4	68	0.000522	0.0001	0	10	1.9
28.02724	483.772095	355.4	68.1	0.000496	0.0001	0	10	1.9
26.59612	479.54402	355.4	68.1	0.000475	0.00009	0	10	1.9
25.86011	475.59083	404.692483	68.2	0.000455	0.00009	0	10	1.9
25.27299	472.1459	355.4	68.2	0.000447	0.00009	0	10	1.9
24.4661	468.70097	356.113004	68.2	0.000436	0.00008	0.00001	10	1.8
24.01213	465.256041	358.4	68.3	0.000425	0.00008	0.00003	10	1.8
23.96545	462.203512	406.892681	68.4	0.000429	0.00008	0.00007	10	1.8
24.39792	460.472125	358.4	68.4	0.000427	0.00008	0.0001	10	1.8
24.19727	458.740737	358.4	68.6	0.000432	0.00008	0.0001	10	1.8
23.72555	457.009349	358.4	68.7	0.000429	0.00008	0.00011	10	1.8
23.61755	455.147403	405.616879	68.7	0.000422	0.00007	0.00008	10	1.7
22.25453	452.714085	358.430068	68.6	0.0004	0.00007	0.00012	10	1.7
21.95138	450.280767	361.436857	68.5	0.00039	0.00007	0.0001	10	1.8
21.4998	447.84745	361.5	68.4	0.000386	0.00007	0.00013	10	1.8
22.42843	445.414132	388.876875	68.4	0.000409	0.00007	0.00015	10	1.8
23.62766	447.522998	369.224756	68.4	0.000431	0.00008	0.00013	10	1.8
24.55741	450.070145	361.5	68.4	0.000444	0.00008	0.0001	10	1.8
24.95518	452.617291	361.5	68.2	0.000461	0.00008	0.00005	10	1.8
25.52597	455.164438	386.400927	68.2	0.000476	0.00008	0.00004	10	1.7
25.34942	456.326647	375.05	68.1	0.000472	0.00008	0.00001	10	1.7
26.19542	457.203181	361.5	68.1	0.000462	0.00008	0.00003	10	1.7
25.72308	458.079715	361.5	68.1	0.000462	0.00008	0.00002	10	1.7
26.42745	458.956248	388.543333	68.1	0.000472	0.00008	0.00002	10	1.7
26.28757	459.1	377.78263	68.1	0.000473	0.00008	0.00002	10	1.7
25.37995	459.1	361.5	68.1	0.000463	0.00008	0.00002	10	1.7
24.77819	459.1	361.5	68.1	0.00045	0.00008	0.00003	10	1.7
26.16217	459.1	380.899692	68.1	0.000455	0.00008	0.00003	10	1.7
26.25127	461.085999	381.106287	68.1	0.000469	0.00008	0.00006	10	1.7
27.39381	463.665217	361.5	68.1	0.000489	0.00008	0.00004	10	1.7
27.64408	466.244436	361.5	68.1	0.000499	0.00009	0.00007	10	1.7
27.38713	468.823655	375.879499	68.1	0.000497	0.00008	0.00008	10	1.7
27.55924	457.383461	384.455146	68.1	0.00049	0.00008	0.00005	10	1.7

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09:38:18.434	74.1	1924
09:38:19.434	74.6	1922
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09:38:22.434	72	1921
09:38:23.434	74.7	1922
09:38:24.434	75.9	1922
09:38:25.434	77.7	1921
09:38:26.434	76.8	1920
09:38:27.434	75.9	1922
09:38:28.434	74.7	1921
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09:38:30.434	72.8	1922
09:38:31.434	73.4	1920
09:38:32.434	73.8	1920
09:38:33.434	73.2	1923

27.16654	439.906295	361.5	68.1	0.000479	0.00008	0.00007	10	1.7
25.93373	422.429129	361.5	68.1	0.00041	0.00007	0.00005	10	1.7
13.55141	404.951962	366.530416	68.1	0.000294	0.00006	0.00008	10	1.7
23.12448	385.728276	371.189971	68.1	0.000306	0.00009	0.00012	10	1.7
31.70222	365.555862	361.5	66.3	0.000161	0.00009	0.00012	10	1.6
33.6384	345.383448	361.5	65.7	0.000151	0.00009	0.00006	10	1.5
54.55242	325.211034	359.650565	65.7	0.000809	0.00012	0.00007	10	1.1
61.62939	355.422678	346.368658	63.9	0.001085	0.00016	0.00008	10	1.4
58.42824	420.937437	358.4	63.3	0.001092	0.00065	0	10	6
50.46007	486.452196	358.4	64.9	0.000928	0.00188	0.00005	10	20.8
41.24541	551.966955	361.370254	67.5	0.00081	0.00251	0	10	32.3
30.50195	581.488318	443.807411	68.2	0.000679	0.0023	0.00008	10	36
19.43949	561.508076	362.490194	69.5	0.000547	0.00185	0.00022	10	34.9
29.30939	541.527834	365.835867	69.9	0.000521	0.00142	0.00043	10	27.7
28.27376	521.547592	367.7	69.9	0.000543	0.00109	0.0002	10	20.2
37.6189	515.837189	426.481961	70	0.000601	0.0009	0.00009	10	14.6
31.12545	534.21673	374.1	70	0.000584	0.00063	0.00105	10	10.5
32.34348	552.596272	374.1	69.9	0.000686	0.00053	0.00937	10	8.6
32.9306	570.975813	375.79279	69.6	0.000796	0.00046	0.03946	10	7.3
33.25969	589.109425	480.265328	69.5	0.000837	0.00043	0.05494	10	6.8
31.59257	606.180837	383.348819	69.6	0.000805	0.00043	0.05304	10	7.1
29.21415	623.252248	389.451181	69.6	0.000759	0.00054	0.04983	10	9.3
28.16085	640.32366	397.955303	69.9	0.000725	0.00064	0.04528	10	11.6
26.92354	657.059325	506.908987	70	0.000678	0.00065	0.03997	10	12.5
25.76085	662.553289	434.132406	70	0.000639	0.00062	0.03576	10	12.7
24.06413	668.047253	424.797749	70.1	0.000614	0.00058	0.03016	10	12.2
24.49178	673.541217	433.584	70.1	0.000593	0.00051	0.02528	10	11.1
22.8468	679.035181	524.046945	70.2	0.000569	0.00039	0.01991	10	9
22.3084	688.609936	473.69712	70.2	0.000538	0.00031	0.01606	10	7.5
22.15368	698.310902	457.593189	70.3	0.000534	0.00028	0.01502	10	6.7
22.4182	708.011867	466.563636	70.3	0.000525	0.00023	0.01486	10	5.7
22.60037	717.712833	522.762847	70.3	0.000538	0.00021	0.01475	10	5.1
22.74067	723.825686	537.556881	70.2	0.00055	0.0002	0.01514	10	4.8
22.89063	728.56384	491.487839	70.1	0.000552	0.00018	0.01455	10	4.1
23.00271	733.301995	500.991958	70.1	0.000558	0.00017	0.01439	10	3.8
23.80267	738.04015	552.72669	70	0.000565	0.00016	0.01484	10	3.7
23.48049	714.003087	567.023804	70	0.000569	0.00015	0.01541	10	3.5
21.99877	678.383293	530.591479	69.9	0.000538	0.00014	0.01511	10	3.4
23.48012	642.763498	541.165583	69.9	0.000487	0.00014	0.00979	10	3.7
21.62264	607.143704	557.031015	69.9	0.000485	0.00016	0.00387	10	4.1
22.89981	579.439626	571.358672	69.7	0.000513	0.00018	0.00132	10	4.3
24.01189	556.364548	569.981064	69.7	0.000526	0.00019	0.00054	10	4.4
24.54713	533.28947	574.1	69.7	0.000507	0.00019	0.00026	10	4.3
24.68	510.214392	573.364065	69.6	0.000471	0.00019	0.0002	10	4.3
24.13911	494.222716	543.350294	69.6	0.00044	0.00018	0.00016	10	4.2
23.6881	486.479678	563.824975	69.6	0.00042	0.00017	0.00017	10	4.1
22.91545	478.736639	555.017359	69.6	0.000405	0.00016	0.00015	10	4
22.21067	470.9936	544.278418	69.6	0.000394	0.00015	0.00015	10	3.9
21.90742	464.818902	507.707353	69.6	0.000396	0.00014	0.00018	10	3.6
21.8838	461.337656	525.568208	69.7	0.000397	0.00013	0.00016	10	3.5
21.71171	457.856411	514.751534	69.9	0.000397	0.00013	0.00019	10	3.5
21.90198	454.375165	503.914135	69.9	0.000396	0.00013	0.00017	10	3.5
22.04714	451.9	475.353968	69.9	0.000393	0.00013	0.00019	10	3.4
22.08411	451.9	485.144554	69.9	0.000407	0.00013	0.00017	10	3.4
22.90805	451.9	477.402674	69.9	0.00042	0.00014	0.00014	10	3.3
23.08278	451.9	470.075781	69.9	0.000424	0.00013	0.00014	10	3.3
22.9089	452.222126	459.019804	69.7	0.000437	0.00014	0.0001	10	3.3
23.67651	453.111977	457.808966	69.7	0.000436	0.00014	0.00009	10	3.3
23.62437	454.001828	451.150923	69.7	0.000426	0.00014	0.00003	10	3.3
23.11903	454.891679	446.695588	69.7	0.000428	0.00014	0.00007	10	3.3
23.981	455.416841	446.75037	69.7	0.000427	0.00013	0.00006	10	3.2
23.48834	454.519	435.034336	69.7	0.000421	0.00013	0.00006	10	3.2
22.74571	453.62116	432	69.7	0.000405	0.00013	0.00009	10	3.2

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22.22862	452.72332	430.353684	69.7	0.000399	0.00013	0.00009	10	3.2
22.16296	451.831852	437.412535	69.9	0.000401	0.00013	0.00015	10	3.2
21.68696	451.010794	423.77045	69.9	0.000404	0.00013	0.00014	10	3.3
22.09587	450.189737	419.083036	69.9	0.000406	0.00013	0.00022	10	3.2
22.04714	449.368679	417.972881	69.6	0.000413	0.00013	0.00019	10	3.2
22.20227	448.547621	426.882725	69.9	0.000417	0.00013	0.00018	10	3.2
22.56986	449.305128	416.701768	70	0.000424	0.00013	0.00015	10	3.2
23.58571	450.159829	412.1	70	0.000432	0.00013	0.00012	10	3.1
23.52759	451.01453	408.8	69.9	0.000443	0.00013	0.00013	10	3.1
23.95155	451.869231	424.054494	69.9	0.000444	0.00014	0.00009	10	3.2
23.07122	451.9	411.054706	69.8	0.000437	0.00014	0.00014	10	3.2
24.13965	451.9	405.5	69.7	0.000441	0.00014	0.00009	10	3.2
23.58	451.9	405.5	69.7	0.000433	0.00014	0.0001	10	3.2
23.25901	451.9	411.867671	69.7	0.00042	0.00013	0.0001	10	3.1
23.07778	451.9	410.281547	69.7	0.000417	0.00013	0.00011	10	3.1
22.76408	451.9	399.499892	69.7	0.000418	0.00013	0.00013	10	3.2
23.45829	451.9	398.8	74.5	0.000428	0.00013	0.00012	10	3.2
23.5286	451.9	413.122042	76.1	0.000433	0.00014	0.00013	10	3.2
24.33506	454.787368	405.593119	71.4	0.000445	0.00014	0.00006	10	3.2
26.92794	458.270321	395.7	69.7	0.000472	0.00015	0.00009	10	3.2
27.44204	461.753274	395.7	69.7	0.000507	0.00016	0.00004	10	3.2
29.49625	465.236228	411.328415	69.6	0.000533	0.00017	0.00003	10	3.2
30.542	473.151695	408.61158	69.6	0.000568	0.00018	0.00001	10	3.2
31.71471	482.528949	392.6	69.5	0.000608	0.00019	0	10	3.3
32.38867	491.906203	392.6	69.4	0.00065	0.00021	0	10	3.4
34.99679	501.283458	396.644118	69.3	0.00069	0.00022	0	10	3.4
34.85662	512.105063	422.087885	69.3	0.000706	0.00022	0	10	3.4
35.22369	523.917985	392.6	69.3	0.000732	0.00022	0	10	3.4
35.12297	535.730906	392.6	69.2	0.000749	0.00022	0	10	3.3
35.43937	547.543828	392.6	69.2	0.000753	0.00022	0	10	3.3
35.43349	552.437169	450.866667	69.2	0.000731	0.00022	0	10	3.3
33.89076	548.70047	393.471565	69.2	0.00069	0.00021	0	10	3.3
32.41226	544.963771	395.7	69.3	0.000664	0.0002	0	10	3.4
27.99313	541.227073	398.642595	69.8	0.000612	0.00019	0.00003	10	3.4
27.56314	532.141487	450.508172	69.9	0.000502	0.00016	0.00003	10	3.4
24.65239	515.164971	398.8	70.2	0.000465	0.00016	0.00009	10	3.4
24.29012	498.188454	398.8	70.3	0.000435	0.00015	0.00005	10	3.4
21.14915	481.211937	401.547734	70.3	0.000381	0.00013	0.00008	10	3.4
20.25034	464.674027	430.378936	70.3	0.000341	0.00012	0.00014	10	3.4
18.31869	449.085506	401.493592	70.5	0.000313	0.00011	0.00013	10	3.4
19.72139	433.496984	398.8	70.5	0.000314	0.00012	0.00013	10	3.4
21.44768	417.908463	398.8	70.5	0.000337	0.00013	0.00008	10	3.4
22.67342	406.67363	402.026464	70.4	0.000342	0.00014	0.00007	10	3.4
22.06329	412.426716	398.455556	70.1	0.000326	0.00013	0.00002	10	3.4
22.27847	418.179802	395.7	70.1	0.000345	0.00013	0.00005	10	3.4
22.91979	423.932889	395.7	70.1	0.000393	0.00014	0.00007	10	3.3
23.66659	429.533333	410.550427	69.8	0.00042	0.00013	0.00006	10	3.1
23.88933	434.295238	392.869345	69.7	0.000429	0.00013	0.00008	10	3.1
24.22053	439.057143	389.606373	69.7	0.000434	0.00013	0.00007	10	3.1
24.28186	443.819048	389.5	69.6	0.000437	0.00013	0.00014	10	3
24.41969	448.514371	411.710619	69.6	0.000429	0.00012	0.00011	10	2.9
24.33503	449.359722	389.270723	69.7	0.000431	0.00012	0.00012	10	2.7
24.47997	450.205072	386.4	69.7	0.00043	0.00012	0.00008	10	2.7
23.72685	451.050423	386.4	69.7	0.000431	0.00011	0.00008	10	2.7
24.06212	451.895773	410.213317	69.7	0.000431	0.00011	0.00008	10	2.6
24.05	451.9	386.969989	69.7	0.000431	0.00011	0.0001	10	2.6
24.28302	451.9	383.3	69.7	0.000436	0.00011	0.00013	10	2.4
24.21943	451.9	383.3	69.7	0.000438	0.0001	0.00009	10	2.4
24.36	451.9	407.227989	69.7	0.000437	0.0001	0.00011	10	2.4
24.5621	452.764452	391.202451	69.7	0.000439	0.0001	0.00008	10	2.3
24.4756	453.671537	383.3	69.7	0.000443	0.0001	0.00007	10	2.3
25.08012	454.578622	383.3	69.9	0.000449	0.0001	0.00004	10	2.3
24.69096	455.485707	403.127901	69.9	0.000448	0.0001	0.00002	10	2.2

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09:40:13.434	74.6	1917
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09:40:25.434	75.7	1922
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09:40:27.434	75.3	1920
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09:40:37.434	73.7	1919
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24.33106	454.838927	394.123777	69.9	0.000434	0.0001	0.00003	10	2.2
24.60355	453.968134	381.25682	69.9	0.000434	0.0001	0	10	2.2
23.93737	453.097341	380.3	69.9	0.000425	0.0001	0.00003	10	2.2
23.73973	452.226547	388.658368	69.9	0.000421	0.00009	0.00002	10	2.2
23.03257	450.847864	398.413789	69.9	0.000409	0.00009	0.00004	10	2.2
22.0796	449.164447	380.3	69.9	0.000395	0.00009	0.00004	10	2.2
22.12744	447.48103	380.3	69.9	0.000399	0.00009	0.00005	10	2.2
22.08062	445.797613	390.197031	69.9	0.000403	0.00009	0.00009	10	2.2
22.36636	444.127708	397.305201	69.9	0.000402	0.00009	0.00009	10	2.2
22.13334	442.465239	380.3	69.9	0.0004	0.00008	0.00013	10	2.1
21.92412	440.802771	380.3	69.9	0.0004	0.00008	0.0001	10	2.1
22.06432	439.140302	386.97345	70	0.000399	0.00008	0.00015	10	2.1
22.10337	439.136876	394.732108	70	0.000402	0.00008	0.00012	10	2.1
22.09644	439.932249	380.3	70	0.000403	0.00008	0.00013	10	2.1
22.718	440.727621	380.3	70	0.00041	0.00008	0.00014	10	2.1
22.28654	441.522993	383.164092	69.9	0.00041	0.00009	0.00012	10	2.2
22.95017	442.347371	399.004721	69.9	0.000426	0.00009	0.00016	10	2.2
23.1879	443.197887	380.3	69.9	0.000424	0.00009	0.0001	10	2.2
22.322	444.048402	380.3	69.7	0.000411	0.00009	0.00011	10	2.2
22.55823	444.898918	388.922429	69.7	0.000408	0.00008	0.0001	10	2.1
22.20089	444.687671	397.288529	69.7	0.000409	0.00008	0.00015	10	2.1
22.63425	443.894593	380.3	69.9	0.000414	0.00008	0.00012	10	2
22.28442	443.101514	380.3	69.9	0.00041	0.00008	0.00014	10	2
22.38322	442.308435	381.290769	69.9	0.000407	0.00008	0.00014	10	2
22.23652	441.509634	401.916651	69.9	0.000411	0.00008	0.00013	10	2
22.39635	440.704756	380.3	69.9	0.000408	0.00008	0.00018	10	2
22.0513	439.899878	380.3	69.9	0.000402	0.00008	0.00014	10	2
21.81646	439.095	380.3	69.9	0.000399	0.00008	0.00019	10	2
22.22877	438.6	402.281447	69.9	0.000397	0.00008	0.00017	10	2
21.98557	438.6	380.3	69.9	0.000397	0.00008	0.00019	10	2.1
22.50484	438.6	380.3	69.9	0.000404	0.00008	0.00018	10	2.1
22.99	438.6	380.3	69.9	0.000427	0.00009	0.00017	10	2.1
24.41853	439.757798	404.134412	69.9	0.000444	0.00009	0.00016	10	2.1
25.0094	443.019201	380.3	69.9	0.000459	0.00009	0.00011	10	2.1
25.58327	446.280603	380.3	69.9	0.000471	0.0001	0.00013	10	2.1
25.50048	449.542006	380.3	69.8	0.000465	0.0001	0.00008	10	2.1
25.17457	451.678452	412.402681	69.7	0.000454	0.0001	0.00007	10	2.1
24.88029	450.87864	380.3	69.7	0.000454	0.0001	0.00005	10	2.1
24.65894	450.078829	380.3	69.7	0.000449	0.0001	0.00005	10	2.1
24.30598	449.279017	380.3	69.7	0.000437	0.00009	0.00006	10	2.1
23.69258	448.5	407.881598	69.7	0.000424	0.00009	0.00009	10	2.1
24.035	448.5	385.132805	70.2	0.000425	0.00009	0.00016	10	2.1
24.61167	448.5	377.443333	70	0.000434	0.00009	0.00012	10	2.1
24.10817	448.5	377.2	69.9	0.000436	0.00009	0.00016	10	2.1
24.20206	448.5	402.109618	69.9	0.000435	0.00009	0.00014	10	2.1
23.52908	447.761729	385.153504	69.9	0.000423	0.00009	0.00014	10	2.1
23.33963	446.98214	377.2	69.9	0.000425	0.00009	0.00016	10	2.1
23.45157	446.202551	377.2	69.9	0.000427	0.00009	0.00015	10	2.1
24.06304	445.422962	389.932118	69.9	0.000435	0.00009	0.00016	10	2.1
24.52416	446.381769	390.88069	69.9	0.000445	0.00009	0.0001	10	2
24.69001	448.036907	377.2	69.9	0.000451	0.00009	0.00015	10	2.1
25.54881	449.692045	377.2	69.7	0.000466	0.00009	0.00012	10	2.1
27.72892	451.347184	388.440111	69.7	0.000492	0.0001	0.00013	10	2
27.16978	453.054913	393.569277	69.9	0.000504	0.0001	0.00008	10	2
26.85774	454.789017	374.1	69.7	0.000484	0.0001	0.00007	10	2
26.28712	456.523121	374.1	69.7	0.000474	0.00009	0.00008	10	2
26.36238	458.257225	377.996333	69.7	0.000468	0.00009	0.00007	10	2
26.1395	459.980137	400.331183	69.7	0.000475	0.00009	0.00009	10	2
26.68058	461.692466	374.1	69.7	0.000482	0.0001	0.00006	10	2
26.56276	463.404795	374.1	69.7	0.000478	0.00009	0.00008	10	1.9
26.51358	465.117123	374.1	69.7	0.000475	0.00009	0.00004	10	1.9
25.92239	465.008226	407.082979	69.7	0.000464	0.00009	0.00006	10	1.9
24.88964	462.445375	374.1	69.7	0.000456	0.00009	0.00008	10	1.9

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24.50621	459.882524	374.1	69.9	0.000447	0.00008	0.0001	10	1.9
24.33	457.319673	374.1	69.9	0.000436	0.00008	0.00013	10	1.8
24.25895	454.734648	408.138235	69.9	0.000431	0.00008	0.00012	10	1.8
23.39891	452.104401	374.1	69.9	0.000413	0.00007	0.00017	10	1.7
23.47974	449.474153	374.1	70	0.000411	0.00007	0.00015	10	1.7
23.09699	446.843905	374.1	70	0.000407	0.00007	0.00016	10	1.7
22.06571	444.883423	401.211758	70	0.0004	0.00007	0.00013	10	1.7
22.20843	444.039217	374.1	70	0.000398	0.00006	0.00013	10	1.6
21.90672	443.195012	374.1	70	0.000404	0.00006	0.00014	10	1.6
22.44431	442.350806	374.1	70	0.000403	0.00006	0.00012	10	1.5
22.02097	441.14802	397.853288	70	0.000404	0.00006	0.00016	10	1.4
22.24124	439.534328	374.1	70	0.000404	0.00006	0.00013	10	1.4
21.91405	437.920636	374.1	70	0.000402	0.00006	0.00018	10	1.4
22.02907	436.306944	374.1	70	0.000396	0.00005	0.00015	10	1.4
21.78474	435.3	398.20274	70	0.000393	0.00005	0.00015	10	1.4
21.83551	435.3	374.1	69.9	0.000399	0.00005	0.00015	10	1.3
22.01512	435.3	374.1	69.9	0.000398	0.00005	0.00014	10	1.3
22.31851	435.3	374.1	69.9	0.000404	0.00005	0.00015	10	1.3
22.5414	435.470251	402.826531	69.9	0.000405	0.00005	0.00012	10	1.3
22.39993	436.265815	374.1	69.9	0.000405	0.00005	0.00017	10	1.3
21.98683	437.061379	374.547638	69.9	0.000404	0.00005	0.00015	10	1.3
21.80658	437.856943	377.2	69.9	0.000405	0.00005	0.00017	10	1.3
21.86	438.548131	403.772269	69.9	0.000405	0.00005	0.00018	10	1.3
22.2698	437.762229	380.637917	69.9	0.000406	0.00005	0.00017	10	1.2
21.87231	436.976328	377.2	69.9	0.000404	0.00005	0.00017	10	1.2
21.67966	436.190426	377.2	69.9	0.000407	0.00005	0.00016	10	1.2
22.05606	435.404525	392.714818	69.9	0.000403	0.00005	0.00017	10	1.2
22.24801	435.977825	386.123111	69.9	0.000409	0.00005	0.00016	10	1.2
22.08645	436.75963	377.2	69.9	0.000408	0.00005	0.00021	10	1.2
22.17827	437.541436	377.2	69.9	0.000403	0.00005	0.00017	10	1.2
21.91257	438.323241	385.465385	69.9	0.000409	0.00005	0.00019	10	1.2
22.87299	438.6	393.242255	69.9	0.00043	0.00005	0.0002	10	1.2
23.12929	438.6	377.2	69.9	0.000433	0.00005	0.00018	10	1.2
22.42988	438.6	377.2	69.9	0.000416	0.00005	0.00017	10	1.2
21.28311	438.6	377.455833	69.8	0.000404	0.00005	0.00015	10	1.2
21.99671	437.874952	399.198117	69.8	0.000398	0.00005	0.00023	10	1.2
21.56291	436.288413	377.2	69.9	0.000395	0.00005	0.00025	10	1.2
21.60246	434.701875	377.2	69.9	0.000397	0.00005	0.00029	10	1.2
21.43774	433.115337	377.2	69.9	0.000391	0.00005	0.00028	10	1.2
21.84885	432	400.796095	69.9	0.0004	0.00005	0.00028	10	1.2
21.86883	432	377.2	70	0.000402	0.00005	0.00029	10	1.2
22.29475	432	377.2	69.9	0.00041	0.00005	0.00026	10	1.2
22.77	432	377.2	69.9	0.000431	0.00005	0.00028	10	1.1
24.35143	432.395776	401.998529	69.7	0.000436	0.00005	0.00023	10	1.2
23.35981	433.998106	374.1	69.7	0.000433	0.00005	0.00021	10	1.2
22.91976	435.600437	374.1	69.7	0.000422	0.00005	0.00018	10	1.2
22.90258	437.202768	374.1	69.7	0.000418	0.00005	0.0002	10	1.2
23.08356	437.005682	404.871875	69.7	0.000421	0.00005	0.00021	10	1.2
23.44	424.550076	375.47302	69.7	0.000435	0.00005	0.00015	10	1.2
23.87125	412.09447	374.1	69.9	0.000432	0.00005	0.00019	10	1.2
18.06707	399.638864	374.1	69.9	0.000353	0.00004	0.0001	10	1.2
15.27967	389.223983	381.592493	69.6	0.00031	0.00005	0.00017	10	1.2
32.70562	387.740019	374.181521	69.5	0.00019	0.00004	0.0001	10	1.2
21.58833	386.256056	374.1	67.6	0.000214	0.00005	0.00008	10	1.2
40.31941	384.772092	372.96	67	0.000463	0.00007	0.00007	10	1.1
42.33923	383.567739	375.737413	66.9	0.000791	0.00008	0.00008	10	1.1
40.10322	417.035075	371.288599	66.9	0.000841	0.00008	0.0001	10	1.1
33.93058	450.502412	370.8	68.2	0.000775	0.00008	0.00003	10	1.2
28.50903	483.969749	370.8	68.7	0.000599	0.00006	0.00004	10	1.2
23.75144	515.915658	429.997139	68.7	0.0005	0.00006	0.00018	10	1.2
21.77974	495.046308	383.868645	69.9	0.000382	0.00005	0.00042	10	1.2
20.87902	474.176957	374.1	70.5	0.000365	0.00004	0.00031	10	1.2
20.97727	453.307607	374.1	70.5	0.000361	0.00005	0.00032	10	1.3

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09:42:39.434	53.8	1924
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09:42:41.434	53.7	1924
09:42:42.434	53.3	1922
09:42:43.434	55.5	1921
09:42:44.434	59.3	1920
09:42:45.434	64.1	1919

21.47522	432.438256	394.265824	70.5	0.000361	0.00005	0.00029	10	1.3
21.45803	427.412738	382.541326	70.5	0.000353	0.00005	0.00026	10	1.3
21.50524	422.727078	377.2	70.2	0.000357	0.00005	0.00027	10	1.3
21.49601	418.041417	380.3	70.1	0.000358	0.00005	0.00026	10	1.3
22.22225	413.355757	386.677716	70	0.000356	0.00005	0.00027	10	1.3
21.93219	413.874871	387.332094	70	0.000368	0.00005	0.00021	10	1.2
22.12155	416.299559	380.3	69.9	0.000388	0.00005	0.00022	10	1.2
22.04607	418.724247	377.664372	69.9	0.000386	0.00005	0.00024	10	1.2
21.41872	421.148935	383.248	69.9	0.000388	0.00005	0.00025	10	1.2
22.00495	423.598129	388.861176	69.9	0.0004	0.00005	0.00027	10	1.2
22.35483	426.060576	377.2	69.9	0.000405	0.00005	0.00023	10	1.2
22.68587	428.523024	377.2	69.9	0.000413	0.00005	0.00025	10	1.3
22.28323	430.985472	379.242984	69.9	0.000409	0.00005	0.00022	10	1.2
22.29843	431.02461	389.550489	69.9	0.000399	0.00005	0.00024	10.5	1.2
21.92519	429.365784	374.1	69.9	0.000404	0.00005	0.00024	10.5	1.2
21.98446	427.706957	374.1	69.9	0.000402	0.00005	0.00024	10.5	1.2
21.67511	426.048131	377.309014	69.9	0.000396	0.00005	0.00029	11	1.2
21.5849	425.773392	390.084143	69.9	0.000388	0.00005	0.00029	11	1.2
21.72773	426.635674	374.1	69.9	0.000391	0.00005	0.00032	10.5	1.2
22.04313	427.497955	374.1	69.9	0.000406	0.00005	0.00029	10	1.2
21.9712	428.360237	374.1	69.9	0.000406	0.00005	0.00029	10	1.2
22.26113	428.375495	391.650326	69.9	0.00041	0.00005	0.00027	10.5	1.2
22.47966	427.509158	374.1	69.9	0.000407	0.00005	0.00027	11	1.2
21.69549	426.642822	374.1	69.9	0.000405	0.00005	0.00028	11	1.2
22.10691	425.776485	374.1	69.9	0.000406	0.00005	0.00028	11	1.2
21.67221	423.116176	392.338735	69.9	0.000395	0.00004	0.00031	11	1.1
21.66138	418.263235	374.1	69.9	0.000387	0.00004	0.00029	11	1
21.13613	413.410294	374.1	69.9	0.000379	0.00004	0.00034	11	1
20.16467	408.557353	374.1	70	0.000373	0.00004	0.00033	11	1
20.42485	403.214146	386.576719	70	0.000365	0.00004	0.00039	11	1
20.5262	397.036161	374.1	70	0.000349	0.00003	0.00035	10.5	0.9
20.60681	390.858176	374.1	70	0.00034	0.00003	0.00033	10.5	0.8
19.03152	384.680191	374.1	70.1	0.000324	0.00003	0.00028	10.5	0.8
20.12329	380.077863	376.286718	70.1	0.000321	0.00003	0.00023	10.5	0.7
21.65538	379.314504	370.8	70.1	0.000334	0.00003	0.0002	11	0.7
22.58559	378.551145	370.8	70.1	0.000333	0.00003	0.00013	10.5	0.7
23.61023	377.787786	370.8	71.4	0.000337	0.00003	0.00013	10.5	0.7
24.02524	380.312867	372.112055	71.9	0.000367	0.00003	0.00013	11	0.6
24.95551	393.847073	367.5	69.9	0.00041	0.00003	0.00017	11	0.7
25.21541	407.381279	364.6	69.3	0.000456	0.00003	0.00015	10.5	0.7
26.27056	420.915485	364.6	69.4	0.000485	0.00003	0.00011	10	0.7
27.89375	433.051859	396.404412	69.4	0.000496	0.00004	0.00012	10	0.7
27.04451	438.863236	361.845588	69.5	0.000498	0.00004	0.00006	10.5	0.7
26.86522	444.674612	361.5	69.5	0.000489	0.00003	0.0001	10.5	0.7
31.05773	450.485989	361.5	69.5	0.000508	0.00004	0.00005	10.5	0.7
31.59621	458.374866	404.819498	69.6	0.000548	0.00004	0.00004	11	0.7
27.41281	481.498753	361.5	69.8	0.000507	0.00004	0.00047	11	0.7
26.70696	504.622641	361.5	69.9	0.000574	0.00004	0.00717	11	0.7
26.7418	527.746528	361.5	69.9	0.000648	0.00003	0.03036	10.5	0.6
26.41003	551.019868	451.331343	69.9	0.00067	0.00003	0.04223	10	0.6
25.9072	574.934511	364.873798	69.9	0.000664	0.00003	0.04292	10.5	0.7
24.98695	598.849154	367.996631	69.9	0.000642	0.00003	0.0383	11	0.7
24.92133	622.763797	372.45	69.9	0.000619	0.00003	0.03207	11	0.7
24.27442	645.089003	502.576491	69.9	0.000603	0.00004	0.02564	11	0.8
24.55233	654.812246	386.538045	69.9	0.000606	0.00004	0.02162	10.5	0.8
24.19332	664.535489	392.539981	70	0.000601	0.00004	0.01911	10.5	0.8
24.29539	674.258731	401.2	70	0.000596	0.00004	0.01633	11	0.8
24.05969	683.833048	521.454286	70.1	0.000593	0.00004	0.01471	11	0.8
24.02	688.420918	439.451485	70.1	0.000594	0.00004	0.01458	10.5	0.8
24.65604	693.008787	429.105766	70.1	0.000597	0.00004	0.0167	10.5	0.8
24.50346	697.596656	438.608895	70	0.000608	0.00004	0.02154	10.5	0.8
24.9276	694.257534	572.180392	70	0.000591	0.00004	0.02727	10.5	0.9
27.70576	652.488729	460.219608	69.8	0.000547	0.00004	0.01903	11	1

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24.95876	610.719923	469.301178	69.7	0.000549	0.00006	0.00802	11	1.3
24.41964	568.951118	479.202985	69.7	0.000555	0.00008	0.0024	11	1.8
23.42044	527.44888	502.479831	69.6	0.00052	0.00008	0.00075	11	1.9
23.29774	512.336842	495.299457	69.7	0.000452	0.00008	0.00028	10.5	2
23.32251	497.224805	494.3	69.7	0.000418	0.00008	0.00014	10	2
22.51301	482.112767	494.3	69.8	0.000405	0.00008	0.00012	10.5	2
22.78057	469.163557	482.002554	69.9	0.000404	0.00008	0.00011	11	2
23.51467	466.6261	487.257957	69.9	0.000409	0.00008	0.00013	11	2
23.3512	464.088642	483.896078	69.9	0.000415	0.00008	0.00011	11	1.9
23.33634	461.551184	477.738037	69.9	0.00042	0.00007	0.00008	11	1.8
23.89332	459.039615	465.931921	69.9	0.000426	0.00007	0.00011	10.5	1.7
23.13625	457.263592	462.852453	69.9	0.000422	0.00007	0.00006	10	1.7
23.04374	455.487568	458.983243	69.9	0.000425	0.00007	0.00011	10	1.7
23.18229	453.711544	450.648579	69.9	0.00043	0.00007	0.00006	10.5	1.7
23.42423	451.93552	448.536963	69.9	0.000428	0.00007	0.00008	10.5	1.7
23.12227	450.317831	440.566403	69.9	0.00042	0.00007	0.00008	10.5	1.6
22.47861	448.703373	436.009225	69.9	0.000417	0.00006	0.00007	10.5	1.6
22.62507	447.088916	431.849697	69.9	0.000414	0.00006	0.00009	10	1.5
23.0017	445.474458	432.223391	69.9	0.000419	0.00006	0.00011	10	1.6
23.49636	445.2	426.451581	69.9	0.000431	0.00006	0.00015	10	1.5
23.81296	445.2	419.366385	69.9	0.000436	0.00006	0.00011	10	1.4
23.65251	445.2	414.605718	69.9	0.000425	0.00006	0.00012	10	1.4
22.28661	445.2	423.625893	69.9	0.000404	0.00006	0.0001	10	1.5
21.90069	442.134702	412.828382	69.9	0.000399	0.00006	0.00011	10	1.5
21.86	438.984344	406.211573	69.9	0.000389	0.00006	0.00015	10	1.5
21.45819	435.833986	405.5	69.9	0.000384	0.00006	0.00016	10	1.5
21.69428	432.683628	410.931876	70.9	0.000389	0.00006	0.00024	10	1.5
21.44451	428.249892	408.017123	70.4	0.000386	0.00006	0.00023	10	1.5
21.35753	423.460481	400.214189	70.1	0.000383	0.00006	0.00027	10	1.5
21.02003	418.671071	398.8	70.1	0.000371	0.00006	0.00025	10	1.5
20.76397	413.881661	400.054936	70.1	0.000365	0.00005	0.00028	10	1.5
20.45454	405.049886	400.097451	70.1	0.000354	0.00005	0.00024	10	1.4
19.94988	393.82359	395.7	70	0.000335	0.00005	0.00019	10	1.5
19.19815	382.597295	392.727786	70.1	0.000301	0.00005	0.00015	10	1.4
16.22417	371.370999	388.832462	70.1	0.000263	0.00004	0.00009	10	1.5
15.64395	362.143273	386.04611	70.2	0.000242	0.00004	0.00014	10	1.5
15.44	353.88662	390.907729	70.2	0.000233	0.00004	0.00018	10	1.5
15.28921	345.629968	389.5	70.2	0.000231	0.00004	0.00022	10	1.5
15.65314	337.373315	381.501926	70.2	0.000228	0.00004	0.00022	10	1.5
15.56755	332.230429	373.103518	70.2	0.000224	0.00004	0.00019	10	1.5
15.50665	328.749491	386.4	70.2	0.00022	0.00004	0.00016	10	1.5
15.73548	325.268553	384.433333	70.2	0.000219	0.00004	0.00015	10	1.5
15.55496	321.787615	383.3	70.2	0.00022	0.00004	0.00018	10	1.5
15.84853	319.8	358.532474	70.1	0.000221	0.00004	0.00017	10	1.5
16.00557	319.8	380.3	70.1	0.000222	0.00004	0.00018	10	1.5
16.44999	319.8	379.072568	70.1	0.000229	0.00004	0.00015	10	1.5
16.26496	319.8	377.2	70	0.000247	0.00005	0.00017	10	1.5
18.83221	322.210243	352.09868	69.9	0.000276	0.00005	0.00016	10	1.5
20.79529	328.654741	373.554783	69.9	0.000303	0.00005	0.00011	10	1.5
20.71995	335.09924	370.8	69.7	0.000313	0.00006	0.00007	10	1.5
22.14395	341.543739	368.777898	69.7	0.000331	0.00006	0.00002	10	1.5
22.8307	350.020056	358.145864	69.7	0.000326	0.00006	0.00003	10	1.5
21.99444	363.399086	363.652016	69.6	0.000333	0.00006	0.00001	10	1.5
23.23184	376.778116	361.5	69.5	0.000367	0.00006	0.00009	10	1.5
22.96292	390.157146	361.5	69.5	0.000404	0.00006	0.00009	10	1.5
23.03369	401.048562	374.74	69.5	0.000412	0.00006	0.00011	10	1.5
23.07332	407.400431	357.856436	69.5	0.000412	0.00006	0.00013	10	1.4
23.08966	413.752301	355.4	69.5	0.00041	0.00006	0.00011	10	1.4
23.14262	420.104171	355.4	69.7	0.000414	0.00006	0.00015	10	1.4
23.5881	425.74293	389.909738	69.7	0.000419	0.00006	0.00012	10	1.4
22.87867	428.176612	356.043459	69.7	0.000416	0.00006	0.00015	10	1.4
23.57032	430.610294	355.4	69.7	0.000415	0.00006	0.00012	10	1.3
23.77244	433.043977	355.4	69.7	0.000421	0.00006	0.00013	10	1.4

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09:44:27.434	61.5	1918
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09:44:29.434	68.9	1915
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09:44:32.434	74.1	1916
09:44:33.434	72.1	1918
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09:44:35.434	71	1920
09:44:36.434	72.8	1921
09:44:37.434	72.1	1923
09:44:38.434	69	1925
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09:44:40.434	63.7	1926
09:44:41.434	63.8	1925
09:44:42.434	62.2	1924
09:44:43.434	61.8	1925
09:44:44.434	62.4	1922
09:44:45.434	62.4	1921
09:44:46.434	63.7	1926
09:44:47.434	64.9	1924
09:44:48.434	64.3	1924
09:44:49.434	63	1925
09:44:50.434	63.5	1924
09:44:51.434	62.9	1924

23.44406	435.357085	389.698537	69.7	0.000425	0.00006	0.00012	10	1.4
23.80752	436.139076	361.981701	69.7	0.000431	0.00006	0.00009	10	1.4
23.70016	436.921066	358.4	69.7	0.000425	0.00006	0.00009	10	1.5
23.15318	437.703057	358.4	69.7	0.000425	0.00006	0.00007	10	1.5
23.54494	438.485047	381.002861	69.7	0.000428	0.00006	0.00011	10	1.5
24.24386	439.955925	373.140039	69.7	0.000434	0.00006	0.00007	10	1.5
23.83835	441.54552	361.5	69.7	0.000436	0.00006	0.0001	10	1.5
24.57175	443.135116	361.5	69.7	0.000447	0.00007	0.00006	10	1.5
25.44598	444.724711	372.030882	69.7	0.00046	0.00007	0.00006	10	1.5
25.82961	444.062964	379.064454	69.9	0.000467	0.00007	0.00003	10	1.5
24.21232	442.440944	361.5	69.7	0.000453	0.00006	0.00006	10	1.4
23.93173	440.818924	361.5	69.6	0.000426	0.00006	0.00012	10	1.4
22.1812	439.196903	371.353143	69.8	0.000399	0.00006	0.00011	10	1.5
21.24877	433.316039	384.478431	69.9	0.000383	0.00006	0.00019	10	1.5
20.41697	424.955342	364.6	69.9	0.000371	0.00006	0.00022	10	1.5
20.74377	416.594645	364.6	70.1	0.00036	0.00006	0.00029	10	1.5
20.48419	408.233948	369.005627	70.2	0.00035	0.00006	0.00029	10	1.5
20.4925	399.647093	374.693521	70.2	0.000338	0.00006	0.00025	10	1.5
20.42186	390.950351	364.6	70.2	0.000321	0.00005	0.00023	10	1.5
19.79735	382.253609	364.6	70.2	0.000308	0.00005	0.0001	10	1.5
20.42031	373.556867	365.379844	70.2	0.000304	0.00006	0.00009	10	1.5
20.40996	368.313428	366.147019	70.2	0.000294	0.00005	0.00005	10	1.5
19.83348	364.672766	363.120734	70.1	0.000283	0.00005	0.00006	10	1.5
20.00911	361.032104	361.5	70.1	0.000282	0.00005	0.00006	10	1.5
19.96668	357.391442	361.495692	70.1	0.000277	0.00005	0.00006	10	1.5
19.96863	355.724266	358.435637	70.1	0.000284	0.00005	0.00005	10	1.5
20.90984	356.440086	357.597059	70	0.000295	0.00005	0.00004	10	1.5
21.27874	357.155906	355.4	70	0.0003	0.00005	0.00006	10	1.5
21.14229	357.871725	355.4	69.9	0.000302	0.00005	0.00002	10	1.5
21.19183	358.59426	355.069436	69.9	0.000303	0.00005	0.00002	10	1.4
20.97626	359.335709	352.034966	69.9	0.000303	0.00005	0	10	1.4
21.59913	360.077159	349	69.9	0.000305	0.00005	0	10	1.4
21.04008	360.818608	347.830708	69.9	0.000303	0.00005	0	10	1.4
20.56595	361.5	352.742902	69.9	0.000297	0.00005	0	10	1.4
20.68244	361.5	344.237982	69.9	0.000297	0.00005	0	10	1.4
21.28294	361.5	343.2	69.9	0.000306	0.00005	0	10	1.4
21.89557	361.5	340.3	69.9	0.000312	0.00005	0	10	1.4
22.52486	361.5	347.462571	69.7	0.000325	0.00006	0	10	1.5
23.85221	367.959399	339.703112	69.7	0.000331	0.00006	0	10	1.5
22.01996	374.912466	337.4	69.7	0.000322	0.00005	0	10	1.4
22.21622	381.865533	336.93189	69.6	0.000349	0.00006	0	10	1.4
23.74294	388.818599	350.409455	69.6	0.000399	0.00006	0	10	1.4
23.66636	398.002902	340.484607	69.6	0.00042	0.00006	0	10	1.4
23.91946	407.429623	334.5	69.6	0.000427	0.00006	0.00001	10	1.4
24.10446	416.856344	334.5	69.6	0.000422	0.00006	0	10	1.4
23.38017	426.283065	354.384882	69.6	0.00041	0.00006	0	10	1.4
22.59446	427.593416	357.179249	69.8	0.000393	0.00005	0	10	1.4
22.04842	425.947325	337.4	69.9	0.00039	0.00005	0.00002	10	1.4
22.20054	424.301235	337.4	69.9	0.000394	0.00005	0.00004	10	1.3
22.07217	422.655144	346.731717	69.9	0.000388	0.00005	0.00006	10	1.3
21.9178	418.565076	362.174516	69.9	0.000378	0.00005	0.0001	10	1.4
21.28562	412.859223	341.730059	69.9	0.000366	0.00005	0.0001	10	1.4
21.31809	407.153369	343.2	69.9	0.000363	0.00005	0.00016	10	1.4
20.86881	401.447516	346.132489	70	0.000358	0.00005	0.00012	10	1.4
21.28463	398.8	362.008333	69.9	0.000353	0.00005	0.00012	10	1.4
21.6044	398.8	346.1	69.9	0.000353	0.00005	0.00009	10	1.2
21.77633	398.8	346.1	69.9	0.000355	0.00005	0.00008	10	1.2
21.98526	398.8	349.314306	69.9	0.000354	0.00005	0.0001	10	1.2
21.0275	398.12512	366.674118	69.9	0.000359	0.00005	0.00009	10	1.2
21.12216	396.641866	349	69.9	0.000362	0.00005	0.00017	10	1.2
20.88489	395.158612	349	70	0.000362	0.00005	0.00016	10	1.2
21.2775	393.675359	349	70	0.00036	0.00005	0.00018	10	1.2
21.17132	392.195876	368.755577	70	0.000353	0.00005	0.00012	10	1.2

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09:45:05.434	69.4	1920
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09:45:13.434	73.2	1919
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09:45:44.434	73.2	1926
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20.77789	390.726333	349	70	0.000345	0.00004	0.00015	10	1.2
21.17894	389.256791	349	70	0.000346	0.00005	0.00014	10	1.2
21.35758	387.787248	349	70	0.000343	0.00005	0.00012	10	1.2
21.80844	386.608286	364.921714	69.9	0.000345	0.00005	0.00012	10	1.2
21.23712	390.327684	351.143478	69.9	0.000344	0.00005	0.00009	10	1.2
21.79766	394.047081	349	69.9	0.000355	0.00005	0.00011	10	1.2
22.05707	397.766478	349	69.9	0.000366	0.00005	0.0001	10	1.2
21.91922	401.485876	362.39249	69.9	0.000378	0.00005	0.00012	10	1.2
21.6865	404.780595	357.783542	69.7	0.000383	0.00005	0.00011	10	1.2
21.80083	407.974401	349	69.7	0.000382	0.00005	0.00013	10	1.2
21.86206	411.168207	349	69.7	0.000392	0.00005	0.00013	10	1.2
21.87599	414.362013	359.535966	69.7	0.000399	0.00005	0.00011	10	1.2
21.85519	415.931623	365.583899	69.7	0.000397	0.00005	0.00012	10	1.2
22.04177	416.719212	349	69.7	0.000394	0.00005	0.00011	10	1.2
21.9242	417.506802	350.995756	69.7	0.000394	0.00005	0.00014	10	1.2
22.12526	418.294391	352.3	69.7	0.000397	0.00005	0.00014	10	1.2
22.06806	419.480922	374.007692	69.7	0.000398	0.00005	0.00013	10	1.2
22.26875	421.091071	352.3	69.7	0.000401	0.00005	0.00012	10	1.2
22.3481	422.70122	352.3	69.9	0.000407	0.00005	0.00011	10	1.2
22.84065	424.311369	352.3	69.9	0.000416	0.00005	0.00012	10	1.2
22.24	425.627119	381.956057	69.9	0.00041	0.00005	0.00006	10	1.2
22.5552	426.474576	355.4	69.9	0.000417	0.00005	0.00012	10	1.2
23.15072	427.322034	355.4	69.9	0.000419	0.00005	0.00007	10	1.2
23.15775	428.169492	355.4	69.9	0.000422	0.00005	0.00006	10	1.3
23.26362	429.207843	389.008325	69.9	0.000425	0.00005	0.00004	10	1.3
23.30592	430.80098	355.4	69.7	0.00043	0.00005	0.00004	10	1.3
24.03627	432.394118	355.4	69.7	0.000436	0.00005	0.00005	10	1.3
24.43635	433.987255	355.4	69.7	0.000446	0.00005	0	10	1.2
25.28944	435.572548	394.730019	69.7	0.000459	0.00005	0.00001	10	1.2
25.59675	437.121117	355.981232	69.7	0.000466	0.00005	0	10	1.2
25.10701	438.669686	355.4	69.7	0.00046	0.00005	0	10	1.2
24.5955	440.218254	355.4	69.7	0.000449	0.00005	0	10	1.2
24.21767	441.766823	385.046875	69.7	0.000441	0.00005	0.00001	10	1.2
24.58168	442.694783	365.908667	69.8	0.000446	0.00006	0	10	1.3
25.12009	443.564348	358.4	69.9	0.000457	0.00006	0	10	1.3
25.28301	444.433913	358.4	69.9	0.000459	0.00006	0	10	1.3
25.4668	445.394274	398.081931	69.9	0.000459	0.00006	0	10	1.3
25.48559	447.026827	358.4	69.9	0.000462	0.00006	0	10	1.3
25.79639	448.659381	358.4	69.9	0.000472	0.00006	0	10	1.3
27.0837	450.291935	358.4	69.9	0.000487	0.00006	0	10	1.2
27.73785	451.954212	395.720874	69.9	0.0005	0.00006	0	10	1.1
28.48242	455.568363	361.074367	69.9	0.000521	0.00006	0	10	1.1
28.71726	459.182515	358.4	69.9	0.000528	0.00006	0	10	1.1
27.93139	462.796666	358.4	69.9	0.00052	0.00006	0	10	1.1
26.5619	465.802726	406.637465	69.8	0.000497	0.00006	0	10	1.1
26.06525	462.346056	358.4	69.7	0.000478	0.00005	0	10	1.1
25.16114	458.889387	358.4	69.7	0.000458	0.00005	0	10	1.1
25.23834	455.432717	358.4	69.9	0.000455	0.00005	0	10	1.1
25.20005	451.976047	391.001014	70	0.000457	0.00004	0	10	1
25.75812	451.120169	368.17208	70	0.000459	0.00004	0	10	1
25.33905	450.322795	358.4	69.9	0.000454	0.00004	0	10	1
25.74468	449.525422	358.4	69.9	0.00045	0.00004	0	10	1
25.04853	448.728049	375.341338	69.9	0.000446	0.00004	0	10	0.9
24.06604	447.347824	377.008641	69.9	0.000439	0.00004	0.00002	10	0.9
24.00843	445.734132	358.4	69.9	0.00043	0.00004	0.00002	10	0.9
24.43308	444.12044	360.858187	69.9	0.00043	0.00003	0.00005	10	0.8
24.62848	442.506748	371.49322	67.9	0.000441	0.00004	0.00007	10	0.8
25.46497	443.469022	381.578503	67.3	0.000458	0.00004	0.00009	10	0.8
26.49613	445.98348	361.5	69.3	0.000475	0.00004	0.00006	10	0.8
26.97533	448.497938	361.5	69.7	0.000485	0.00004	0.00004	10	0.8
27.55211	451.012396	373.468451	69.7	0.000488	0.00004	0.00007	10	0.8
26.78136	451.9	385.744035	69.7	0.000487	0.00004	0.00006	10	0.8
26.41	451.9	361.5	69.7	0.000483	0.00004	0.00012	10	0.8

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09:46:38.434	76	1918
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09:46:48.434	68.3	1923
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09:46:50.434	67.7	1923
09:46:51.434	59.6	1921
09:46:52.434	55.2	1921
09:46:53.434	56.4	1923
09:46:54.434	55.3	1925
09:46:55.434	54.4	1926
09:46:56.434	55.8	1925
09:46:57.434	55.7	1926

26.35108	451.9	361.5	69.7	0.000477	0.00004	0.00011	10	0.8
25.68693	451.9	364.877424	69.7	0.000473	0.00004	0.00011	10	0.8
25.50365	451.429932	388.213112	69.7	0.000468	0.00003	0.00013	10	0.7
25.61416	450.630496	361.5	69.7	0.000463	0.00003	0.00012	10	0.7
25.95748	449.83106	361.5	69.7	0.000464	0.00003	0.00015	10	0.7
25.93108	449.031625	361.5	69.8	0.000459	0.00003	0.0001	10	0.7
25.22307	448.234828	397.341246	69.9	0.000454	0.00003	0.00014	10	0.7
24.81692	447.443272	361.5	69.9	0.000451	0.00003	0.00011	10	0.7
24.95419	446.651715	361.5	69.9	0.000454	0.00003	0.00016	10	0.7
25.90601	445.860158	361.5	69.9	0.000461	0.00003	0.00013	10	0.6
27.71705	445.616201	403.059663	69.9	0.00049	0.00003	0.00011	10	0.6
27.65079	448.123433	361.582953	69.9	0.000501	0.00003	0.00005	10	0.6
27.35	450.630665	361.5	69.8	0.000496	0.00003	0	10	0.6
26.75917	453.137898	361.5	69.7	0.000492	0.00003	0.00002	10	0.6
26.60975	455.58356	398.551875	69.7	0.000486	0.00003	0.00001	10	0.6
26.92728	454.670205	365.233315	69.7	0.000485	0.00003	0.00003	10	0.6
26.64263	453.75685	361.5	69.7	0.000483	0.00003	0	10	0.6
26.76095	452.843495	361.5	69.7	0.000484	0.00003	0.00004	10	0.6
26.03379	451.930141	394.266762	69.7	0.000478	0.00003	0.00002	10	0.6
25.70501	451.9	370.54	69.8	0.000468	0.00003	0.00003	10	0.6
25.47696	451.9	361.5	70	0.000464	0.00003	0.00006	10	0.6
26.09817	451.9	361.5	70.1	0.000467	0.00003	0.00004	10	0.6
25.84273	451.9	381.071791	70	0.000469	0.00003	0.00005	10	0.6
26.18117	450.702614	379.911497	69.9	0.000474	0.00003	0.00004	10	0.6
26.69269	449.125029	361.5	69.9	0.000476	0.00003	0.00004	10	0.6
25.42704	447.547445	361.5	69.9	0.000464	0.00003	0.00006	10	0.6
24.29574	445.969861	365.505062	69.9	0.000447	0.00003	0.00006	10	0.7
23.79889	443.553618	386.395634	69.9	0.000429	0.00003	0.00013	10	0.7
23.19795	440.338027	361.5	70	0.000412	0.00003	0.00015	10	0.7
22.16838	437.122436	361.5	70	0.000397	0.00003	0.00019	10	0.8
22.41352	433.906845	361.5	70	0.000403	0.00003	0.00019	10	0.8
22.88779	432.331793	386.300893	70	0.000416	0.00003	0.00023	10	0.8
23.30667	433.147011	362.756591	70	0.00043	0.00003	0.0002	10	0.8
23.78263	433.962228	364.6	70	0.000438	0.00004	0.0002	10	0.8
24.56623	434.777446	364.6	70	0.000443	0.00004	0.00016	10	0.9
24.08164	435.5872	393.048167	70	0.000446	0.00004	0.00014	10	0.9
23.88986	436.3872	364.6	70	0.00044	0.00004	0.00016	10	0.9
23.69497	437.1872	364.6	69.9	0.000438	0.00004	0.00012	10	0.9
24.39057	437.9872	364.6	69.9	0.000442	0.00004	0.00018	10	0.9
24.20449	438.788204	398.705941	69.9	0.00044	0.00004	0.00014	10	0.9
24.55632	439.592493	364.6	69.9	0.000443	0.00004	0.00017	10	0.9
24.61	440.396783	364.6	69.9	0.000448	0.00004	0.00015	10	0.9
24.91084	441.201072	364.6	69.9	0.000454	0.00004	0.00012	10	0.9
27.09165	442.772074	401.564838	69.9	0.000485	0.00004	0.00012	10	0.9
28.15047	449.429128	366.496467	68.6	0.000525	0.00004	0.00007	10	0.9
29.69298	456.086181	364.6	68.1	0.000548	0.00005	0.00005	10	0.9
30.55079	462.743235	364.6	69.1	0.000563	0.00005	0.00001	10	0.9
30.55131	469.400288	402.754506	69.5	0.000583	0.00005	0.00001	10	0.9
30.35299	470.420048	375.04802	69.5	0.000582	0.00005	0	10	0.9
29.42307	471.265459	364.6	69.5	0.000572	0.00005	0	10	0.9
28.96668	472.11087	364.6	69.5	0.000554	0.00005	0	10	1
28.77374	472.95628	393.482394	69.7	0.00053	0.00005	0.00002	10	1
37.19004	477.39485	383.286703	69.7	0.000605	0.00006	0.00005	10	1
31.4891	482.569368	364.6	69.7	0.000544	0.00006	0.00004	10	1
29.04009	487.743886	364.6	69.8	0.000527	0.00005	0.00076	10	1
27.76747	492.918404	390.666273	69.9	0.00061	0.00005	0.01529	10	0.9
27.65054	517.375594	395.010176	69.9	0.000686	0.00005	0.03694	10	0.9
27.41153	548.856622	367.7	70	0.000707	0.00005	0.04536	10	1
27.39955	580.33765	372.893094	69.9	0.0007	0.00005	0.04521	10	1
26.98754	611.818678	408.574249	69.9	0.000683	0.00005	0.04233	10	1
26.43396	629.089851	439.637322	69.9	0.000662	0.00005	0.03943	10	1
26.5999	638.64209	389.950742	69.9	0.000656	0.00005	0.03751	10	1
26.3203	648.194328	397.786451	69.9	0.00065	0.00005	0.03579	10	1

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09:47:06.434	58.6	1920
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09:47:08.434	77	1919
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09:47:10.434	74.4	1922
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26.50623	657.746567	438.71519	69.9	0.000642	0.00005	0.03385	10	1
26.08556	664.069451	481.905941	70	0.000638	0.00005	0.03215	10	1
26.6398	668.479404	423.28546	70	0.000645	0.00005	0.03112	10	1
27.48278	672.889357	433.205446	70	0.000647	0.00005	0.03078	10	1
26.7105	677.29931	447.781833	70	0.00065	0.00005	0.03212	10	0.9
27.15451	672.82581	521.908881	70	0.00065	0.00005	0.03476	10	0.9
26.67318	661.623368	461.769608	69.9	0.000645	0.00005	0.0405	10	0.9
26.58958	650.420925	469.494218	69.9	0.000644	0.00005	0.04644	10	0.9
28.7871	639.218483	478.952406	69.9	0.000595	0.00005	0.03545	10	1
26.09444	622.169238	549.080957	69.9	0.000589	0.00007	0.01531	10	1.4
27.36012	592.166789	495.747082	69.9	0.000614	0.00009	0.00536	10	1.8
27.42667	562.16434	502.29	69.9	0.000609	0.0001	0.00181	10	2
27.27484	532.161891	507.728	69.7	0.000563	0.0001	0.00072	10	2.1
26.61241	507.753439	508.733564	69.7	0.000509	0.00011	0.00037	10	2.1
26.88358	502.286067	504.834045	69.7	0.000488	0.00011	0.00027	10	2.2
27.38267	496.818695	501.3	69.9	0.00049	0.00011	0.00018	10	2.2
27.96561	491.351323	495.972897	69.9	0.000495	0.00011	0.00018	10	2.2
27.77697	486.6525	488.540089	69.9	0.000496	0.00011	0.00012	10	2.2
27.59502	484.1525	483.188616	70.1	0.000495	0.00011	0.00013	10	2.2
27.36305	481.6525	476.119838	69.8	0.000498	0.00011	0.00011	10	2.2
27.32432	479.1525	468.022603	69.7	0.0005	0.00011	0.00012	10	2.2
26.09521	476.260813	467.660775	69.7	0.000479	0.00011	0.00013	10	2.2
24.37255	467.122057	453.961324	69.8	0.000441	0.0001	0.00011	10	2.1
22.55713	457.983301	446.191863	70	0.000406	0.00009	0.00018	10	2.2
21.13326	448.844545	443.552168	70.1	0.000382	0.00008	0.00022	10	2.1
20.09206	439.705789	437.616875	70.2	0.000368	0.00008	0.00026	10	2.1
19.74446	422.460229	433.471754	70.2	0.000352	0.00007	0.00036	10	2.1
16.51944	404.098714	429.825243	70.4	0.000298	0.00007	0.00029	10	2.1
15.59448	385.737199	425.714474	70.4	0.000259	0.00006	0.00023	10	2.1
15.26902	367.375685	417.299205	70.4	0.00023	0.00006	0.00023	10	2.1
15.7167	351.752896	405.475269	70.5	0.000214	0.00006	0.00029	10	2.1
16.02226	337.418919	417.066402	70.5	0.000192	0.00006	0.00025	10	2.1
16.10762	323.084942	413.21186	70.5	0.000166	0.00006	0.0002	10	2.1
15.80833	308.750965	405.796275	70.1	0.000149	0.00006	0.00015	10	2.1
18.58587	308.313149	375.405743	70	0.000185	0.00007	0.00014	10	2.1
22.81553	319.904844	405.5	69.7	0.000252	0.00008	0.00012	10	2.1
23.12052	331.49654	403.723077	69.6	0.000305	0.00008	0.00004	10	2
27.25778	343.088235	399.02243	69.6	0.000389	0.00009	0.00006	10	2
29.65237	365.408475	378.921324	69.8	0.000501	0.0001	0.00002	10	2
32.57684	398.895157	390.729777	70.7	0.000619	0.00012	0.00003	10	2
34.20411	432.38184	386.4	70.9	0.000681	0.00013	0	10	2
34.59213	465.868523	386.4	69.2	0.000698	0.00013	0	10	2
34.06434	490.167797	424.482975	68.6	0.000691	0.00013	0	10	2
33.72954	498.133898	380.3	68.6	0.000684	0.00012	0	10	2
32.0648	506.1	380.3	69.1	0.000672	0.00013	0	10	2
30.0392	514.066102	380.3	69.2	0.000639	0.00012	0	10	2
29.27128	518.12721	445.380931	69.4	0.000623	0.00012	0.00004	10	2
28.72521	509.115078	380.4777	70	0.000589	0.00011	0.00002	10	2
27.90337	500.102946	383.3	70.1	0.000537	0.00011	0.00003	10	2.1
27.16213	491.090815	383.3	70.1	0.000488	0.0001	0	10	2.1
25.85899	482.611962	431.733735	70.2	0.00047	0.0001	0.00002	10	2.1
25.02717	476.391866	383.3	70.2	0.000446	0.0001	0.00003	10	2.1
24.75267	470.17177	384.045153	70.2	0.000434	0.00009	0.00005	10	2.1
23.84933	463.951675	386.4	70.2	0.000431	0.00009	0.00009	10	2.1
22.93155	457.963694	420.370869	70.2	0.00041	0.00009	0.00008	10	2.2
21.94422	452.798665	386.4	70.1	0.000395	0.00009	0.00012	10	2.2
21.8204	447.633636	386.4	70.1	0.000384	0.00009	0.00013	10	2.2
22.19431	442.468607	386.4	70.2	0.000386	0.00009	0.00017	10	2.2
22.22657	438.800508	410.148188	70.2	0.000397	0.00008	0.00015	10	2.1
22.29435	439.599346	386.4	70.1	0.000405	0.00009	0.00012	10	2.2
22.42636	440.398184	386.4	70.1	0.000404	0.00009	0.00012	10	2.2
22.00767	441.197023	386.4	70.1	0.000404	0.00009	0.00009	10	2.2
21.99025	441.80095	412.234859	70	0.000408	0.00009	0.00012	10	2.2

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09:48:56.434	74.3	1918
09:48:57.434	74.4	1917
09:48:58.434	75.2	1922
09:48:59.434	75.3	1923
09:49:00.434	74.2	1923
09:49:01.434	74.5	1921
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09:49:03.434	73.7	1922

22.57157	440.975538	383.3	70	0.000415	0.00009	0.00008	10	2.2
22.01796	440.150125	383.3	70	0.000413	0.00009	0.00011	10	2.2
21.98834	439.324712	383.3	70	0.000411	0.00009	0.0001	10	2.2
22.38	438.698052	409.416019	70	0.000413	0.00009	0.00011	10	2.2
22.414	439.501754	383.3	70	0.000423	0.00009	0.00009	10	2.3
23.36392	440.305455	383.3	69.9	0.000425	0.00009	0.00009	10	2.3
23.08083	441.109157	383.3	69.9	0.000431	0.00009	0.00009	10	2.3
23.92805	441.9	405.594507	69.9	0.000428	0.00009	0.00004	10	2.2
23.3096	441.9	385.986354	69.9	0.000427	0.00009	0.00006	10	2.2
23.78369	441.9	383.3	69.9	0.000436	0.00009	0.00003	10	2.1
22.99	441.9	383.3	69.9	0.000428	0.00009	0.00005	10	2.1
22.72241	441.9	400.216427	69.9	0.000433	0.00009	0.00004	10	2.1
23.33858	442.629738	388.986513	69.9	0.000431	0.00009	0.00004	10	2.1
23.41918	443.43876	383.3	69.9	0.000442	0.00009	0.00006	10	2.1
23.83894	444.247781	383.3	69.9	0.000444	0.00009	0.00006	10	2
24.38188	445.056803	398.688662	69.9	0.000449	0.00008	0.00007	10	1.9
24.25029	445.2	389.882783	69.9	0.000445	0.00008	0.00003	10	1.8
24.0551	445.2	380.3	69.9	0.000445	0.00008	0.00005	10	1.7
24.0796	445.2	380.3	69.8	0.000446	0.00008	0.00005	10	1.7
24.00104	445.2	390.322645	69.7	0.000442	0.00008	0.00004	10	1.7
23.94498	444.685371	396.78001	69.7	0.000434	0.00007	0.00004	10	1.7
23.34835	443.907986	380.3	69.7	0.000429	0.00007	0.00005	10	1.7
23.17849	443.130601	380.3	69.9	0.000425	0.00007	0.00011	10	1.7
23.04641	442.353216	380.3	69.9	0.000422	0.00007	0.00009	10	1.6
22.84682	441.551973	403.079802	69.9	0.000413	0.00006	0.00012	10	1.6
22.55103	440.717375	380.3	69.9	0.000411	0.00006	0.00011	10	1.6
22.48095	439.882777	380.3	70	0.000413	0.00006	0.00015	10	1.6
22.4257	439.048179	380.87398	70	0.000412	0.00006	0.00015	10	1.6
22.90229	438.6	400.790735	70	0.000418	0.00006	0.00016	10	1.5
22.74431	438.6	380.3	70	0.000423	0.00006	0.00017	10	1.5
22.39381	438.6	380.3	69.9	0.000422	0.00006	0.00016	10	1.5
22.48903	438.6	380.3	69.9	0.000423	0.00006	0.0002	10	1.5
23.39687	439.254974	401.891445	69.9	0.000431	0.00006	0.00019	10	1.5
23.83351	440.876197	380.3	69.9	0.000441	0.00006	0.00021	10	1.4
24.26099	442.497421	380.3	69.9	0.00045	0.00006	0.00017	10	1.4
24.30462	444.118644	380.3	69.9	0.000453	0.00006	0.00018	10	1.4
24.27767	445.4775	407.362309	69.9	0.000457	0.00006	0.00018	10	1.4
24.75995	446.310833	380.3	69.9	0.000462	0.00006	0.00017	10	1.4
25.25615	447.144167	380.3	69.9	0.000463	0.00006	0.00018	10	1.4
25.01395	447.9775	380.3	69.9	0.000465	0.00006	0.00012	10	1.4
26.18244	449.448153	406.570356	69.9	0.000475	0.00007	0.00016	10	1.4
26.2931	451.99012	377.2	69.7	0.000488	0.00007	0.00012	10	1.4
26.47966	454.532086	377.2	69.7	0.000489	0.00007	0.00012	10	1.4
26.07888	457.074053	377.2	69.7	0.000486	0.00007	0.0001	10	1.4
26.78313	459.1	416.316418	69.7	0.000484	0.00007	0.00011	10	1.4
27.27701	459.1	377.2	69.7	0.000486	0.00007	0.00013	10	1.4
26.51173	459.1	377.2	69.7	0.000489	0.00007	0.00009	10	1.4
26.32481	459.1	377.2	69.7	0.000488	0.00007	0.00013	10	1.4
26.30151	459.1	416.629	69.7	0.000485	0.00007	0.00008	10	1.4
26.40957	459.1	376.086569	69.7	0.00048	0.00007	0.0001	10	1.4
26.27496	459.1	374.1	69.8	0.000482	0.00006	0.00011	10	1.3
26.58347	459.1	374.1	69.9	0.000481	0.00006	0.00011	10	1.3
25.98556	459.1	416.053511	69.9	0.000477	0.00006	0.0001	10	1.3
25.93	459.1	374.1	69.9	0.000483	0.00006	0.00007	10	1.3
26.37306	459.1	374.1	70.6	0.000489	0.00007	0.00006	10	1.3
26.73819	459.1	374.1	70.8	0.000485	0.00007	0.00002	10	1.4
26.94959	459.1	404.623256	69.9	0.000491	0.00007	0.00006	10	1.3
27.22615	460.692504	383.189109	69.6	0.000497	0.00007	0.00003	10	1.3
27.86979	462.363547	374.1	69.6	0.000503	0.00007	0.00003	10	1.3
27.21915	464.034591	374.1	69.8	0.000505	0.00007	0.00004	10	1.3
27.97747	465.705634	393.448189	69.9	0.000509	0.00006	0.00007	10	1.2
27.42945	465.458753	393.50198	69.9	0.00051	0.00006	0.00009	10	1.2
26.68125	464.619424	374.1	69.9	0.0005	0.00006	0.00004	10	1.2

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27.36607	463.780096	374.1	69.9	0.000488	0.00006	0.00005	10	1.2
26.42079	462.940767	383.048745	69.9	0.000487	0.00006	0.00004	10	1.2
27.13931	462.6	400.033752	69.9	0.000481	0.00006	0.00005	10	1.2
26.75667	462.6	374.1	69.9	0.000483	0.00006	0.00005	10	1.2
26.90887	462.6	374.1	69.9	0.00048	0.00006	0.00006	10	1.2
27.39527	462.6	374.1	69.9	0.000489	0.00006	0.00008	10	1.2
27.07366	462.242226	405.714824	69.9	0.000487	0.00005	0.00004	10	1.1
26.57105	461.358834	374.1	69.9	0.000485	0.00006	0.00007	10	1.2
26.09547	460.475442	374.1	69.9	0.000479	0.00006	0.00003	10	1.2
26.06576	459.592049	374.1	69.9	0.000464	0.00006	0.00009	10	1.2
25.22513	459.1	404.755054	69.9	0.000458	0.00005	0.00007	10	1.2
25.43122	459.1	374.1	70	0.000467	0.00005	0.00013	10	1.1
26.08334	459.1	374.1	70	0.000483	0.00005	0.00011	10	1.1
28.14402	459.1	374.1	69.9	0.000503	0.00005	0.00011	10	1
27.96763	458.54838	410.775589	69.9	0.000513	0.00005	0.0001	10	1
25.82396	456.739789	374.1	69.9	0.000476	0.00005	0.00006	10	1
24.33236	454.931198	374.1	69.9	0.000451	0.00005	0.00011	10	1
23.83865	453.122607	374.1	69.9	0.000441	0.00005	0.00016	10	1
24.42646	451.9	406.145011	69.9	0.000436	0.00005	0.00019	10	1.1
24.62111	451.9	374.1	70	0.000443	0.00005	0.00017	10	1.1
25.61	451.9	374.1	70	0.000451	0.00005	0.00015	10	1.1
25.89383	451.9	374.1	69.8	0.000461	0.00005	0.00013	10	1.1
25.2056	451.9	409.405978	69.7	0.000463	0.00005	0.0001	10	1.1
25.47972	451.9	374.1	69.7	0.000461	0.00005	0.00011	10	1.1
25.83378	451.9	374.1	69.9	0.000464	0.00005	0.00006	10	1.1
26.23386	451.9	374.1	69.9	0.000461	0.00005	0.00008	10	1.1
25.30383	451.9	408.614216	69.9	0.000462	0.00005	0.00006	10	1.1
25.50213	451.9	374.1	69.9	0.000458	0.00005	0.00009	10	1.1
25.62172	451.9	374.1	69.9	0.000464	0.00005	0.00009	10	1
25.05532	451.9	374.1	69.9	0.000459	0.00005	0.00008	10	1
25.48579	451.839271	407.560325	69.9	0.000457	0.00005	0.00008	10	1
25.31955	451.01861	378.447425	69.9	0.000454	0.00005	0.00002	10	1
25.47371	450.197948	374.1	69.9	0.000455	0.00005	0.00004	10	1
25.2449	449.377287	374.1	69.9	0.000455	0.00005	0.00001	10	1
24.74277	448.556626	399.37897	69.9	0.000452	0.00005	0.00004	10	1
25.10438	447.74253	383.327907	69.9	0.000446	0.00005	0.00001	10	1
24.90154	446.92892	374.1	69.9	0.000441	0.00005	0.00002	10	1
24.46174	446.115311	374.1	69.9	0.000442	0.00005	0.00005	10	1
25.32045	445.301701	395.084375	69.9	0.000451	0.00005	0.00002	10	1
26.06773	445.2	384.859941	69.9	0.000472	0.00005	0.00005	10	1
24.94843	445.2	374.1	69.9	0.000465	0.00005	0.00001	10	1
24.33599	445.2	374.1	69.9	0.000445	0.00005	0.00004	10	1
23.50633	445.2	382.334746	69.9	0.000427	0.00004	0.00006	10	1
23.09009	445.2	392.237755	69.9	0.000422	0.00004	0.00009	10	1
23.61574	445.2	374.1	70	0.00043	0.00004	0.0001	10	1
24.7266	445.2	374.1	69.9	0.000447	0.00005	0.00006	10	1
25.31623	445.2	377.254992	69.9	0.000466	0.00005	0.00006	10	1
27.23513	447.185714	394.822964	69.9	0.00049	0.00005	0.00001	10	1
27.89993	450.523049	374.1	69.9	0.00051	0.00005	0.00002	10.5	1
27.60393	453.860384	374.1	69.7	0.00052	0.00005	0	11	1
27.20807	457.197719	374.1	69.6	0.000499	0.00005	0	11	1
26.04171	456.925604	404.955589	69.7	0.000472	0.00005	0	11	1
24.25213	451.86887	374.1	69.7	0.000444	0.00005	0	11	1
22.67259	446.812136	374.1	69.7	0.000413	0.00004	0.00002	11	1
21.81043	441.755402	374.1	69.9	0.000385	0.00004	0.00008	11	1
21.77032	438.298176	399.721542	70	0.00039	0.00004	0.00017	11	1
21.92977	437.495451	374.1	70.1	0.000398	0.00004	0.00015	11	1
22.25592	436.692727	374.1	70	0.000408	0.00004	0.00018	11	1
22.40561	435.890002	374.1	70	0.000413	0.00004	0.00013	11	1
23.2522	435.3	401.542857	69.9	0.000421	0.00004	0.00014	11	1
22.85174	435.3	374.1	69.9	0.000432	0.00004	0.00014	11	1
22.97156	435.3	374.1	69.9	0.000422	0.00004	0.00011	11	1
21.95028	435.3	374.1	69.9	0.000412	0.00004	0.00012	11	1

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21.62148	433.889231	403.608702	69.9	0.000395	0.00004	0.00013	11	1
20.91142	423.12	375.45	69.9	0.000382	0.00004	0.00021	11	1
20.01682	412.350769	374.1	70	0.000368	0.00004	0.00029	11	1
18.50516	401.581538	374.1	70.1	0.000351	0.00004	0.00039	11	1
18.69245	390.52896	383.305053	70.1	0.000325	0.00004	0.00028	11	1
19.90411	378.052815	374.315743	70.2	0.00028	0.00003	0.00019	11	1
16.24366	365.57667	374.1	70.2	0.000247	0.00003	0.00014	11	1
15.13	353.100525	374.1	70.2	0.000231	0.00003	0.0002	11	1
15.34632	340.62438	362.236971	70.3	0.000224	0.00003	0.00031	11	1.1
15.50237	334.124446	370.72331	70.3	0.000215	0.00003	0.00031	11	1.1
15.40389	327.784041	374.1	70.3	0.000203	0.00003	0.00028	11	1.1
16.57539	321.443635	370.8	70.3	0.000211	0.00003	0.00023	11	1.1
20.68527	315.10323	355.79774	70	0.000259	0.00004	0.00019	11	1.1
21.78385	334.405591	360.325319	69.9	0.0003	0.00004	0.00012	11	1.1
24.93032	359.109695	367.7	69.2	0.00036	0.00004	0.00005	11	1
29.32329	383.8138	367.428935	68.9	0.000478	0.00005	0.00005	11	1
29.52862	408.517905	378.272297	68.9	0.000595	0.00006	0	11	1
34.13355	435.522936	370.292059	69.2	0.000698	0.00007	0.00002	11	1
34.63923	462.918182	361.5	69	0.000726	0.00007	0	11	1
36.1681	490.313428	361.5	68.9	0.000743	0.00007	0	11	1
34.4748	517.708674	392.849367	68.9	0.000744	0.00007	0	11	1
32.41385	523.199633	389.664354	68.9	0.000712	0.00006	0	11	1
32.40208	522.294766	363.573835	69.3	0.000699	0.00006	0.00001	11	1
30.44844	521.3899	367.246923	69.5	0.000669	0.00006	0.00003	11	1
29.94029	520.485033	385.655645	69.5	0.000645	0.00006	0.00006	11	1
29.55072	513.294618	397.026951	69.7	0.000616	0.00006	0.00002	11	1
28.11588	503.21377	373.086359	69.7	0.000576	0.00006	0.00003	11	1
27.37063	493.132921	374.1	70	0.000501	0.00005	0	11	1
25.17034	483.052072	394.278	70.1	0.000453	0.00005	0	11	1
23.56591	474.097351	399.373058	70.2	0.000429	0.00005	0.00003	11	1
22.63884	465.565508	377.2	70.3	0.000411	0.00004	0.00009	11	1
22.20176	457.033666	377.2	70.3	0.000397	0.00004	0.00014	11	1
21.68612	448.501823	385.51169	70.3	0.000397	0.00004	0.00018	11	1
21.80856	443.700074	397.190379	70.3	0.000402	0.00004	0.00024	11	1
21.63074	441.253213	378.76369	70.3	0.000398	0.00004	0.00024	11	1
21.61581	438.806352	379.235946	70.2	0.000398	0.00004	0.00024	11	1
22.635	436.359491	385.150694	70.1	0.000418	0.00004	0.00022	11	1
23.49676	436.191212	396.826961	70	0.000438	0.00004	0.00019	11	1
23.78106	437.763015	380.3	70	0.000443	0.00004	0.00016	11	1
23.27773	439.334818	380.3	70	0.00044	0.00004	0.00014	11	1
23.64895	440.906621	380.3	69.9	0.000441	0.00004	0.00019	11	1
24.37235	441.9	405.434247	69.9	0.000445	0.00004	0.00018	11	1
23.83836	441.9	380.3	69.9	0.000443	0.00004	0.00022	11	1
23.33	441.9	380.3	69.9	0.000437	0.00004	0.0002	11	1
23.26554	441.9	380.3	69.9	0.000431	0.00004	0.00021	11	1
23.65465	441.671648	405.816101	69.9	0.000428	0.00004	0.00023	11	1
23.30877	440.87876	377.2	69.9	0.000436	0.00004	0.00022	11	1
26.22854	440.085872	377.2	69.9	0.000531	0.00005	0.00028	11	1
32.91145	439.292984	377.2	69.9	0.000581	0.00006	0.00026	11	1
25.77501	442.844177	406.429859	69.9	0.000481	0.00005	0.00017	11	1
26.50417	476.528117	377.2	69.9	0.000524	0.00005	0.00572	11	1
26.22225	510.212057	377.2	69.9	0.000612	0.00005	0.02682	11	1
26.75661	543.895998	377.2	69.9	0.000663	0.00005	0.04154	11	1
26.40509	574.019678	468.896082	69.9	0.000676	0.00005	0.04453	11	1
26.9263	592.088442	383.458298	69.9	0.000675	0.00005	0.04338	11	1
26.09418	610.157206	387.304865	69.9	0.000663	0.00005	0.04026	11	1
25.94884	628.225969	394.229714	69.9	0.000653	0.00005	0.03597	11	1
25.87217	644.940515	515.825322	69.9	0.000637	0.00005	0.02902	11	1
25.16071	652.346141	410.643491	69.9	0.000622	0.00005	0.02285	11	1
25.24624	659.751767	412.180379	69.9	0.000613	0.00005	0.01868	11	1
25.37073	667.157394	423.16087	69.9	0.000612	0.00005	0.01793	11	1
25.13	674.56302	518.131384	69.9	0.000614	0.00005	0.01961	11	1
25.30236	657.695534	464.310396	69.9	0.000619	0.00005	0.02542	11	1

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09:51:17.434	75.1	1923
09:51:18.434	76.2	1923
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09:51:20.434	76.9	1921
09:51:21.434	75.7	1923
09:51:22.434	76.6	1922
09:51:23.434	75.5	1922
09:51:24.434	74.7	1921
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09:51:26.434	74.4	1923
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09:51:28.434	73.7	1925
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09:51:31.434	72.7	1920
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09:51:43.434	60.6	1922
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09:51:46.434	65.1	1912
09:51:47.434	67.8	1919
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09:51:49.434	74.1	1917
09:51:50.434	76.3	1913
09:51:51.434	78.2	1914
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09:51:53.434	77.3	1916
09:51:54.434	76.5	1913
09:51:55.434	76.8	1915
09:51:56.434	76.5	1918
09:51:57.434	77.1	1916
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09:52:00.434	75.1	1920
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09:52:05.434	77	1920
09:52:06.434	77.3	1920
09:52:07.434	77.7	1923
09:52:08.434	77.9	1922
09:52:09.434	75.9	1923
09:52:10.434	74.7	1923
09:52:11.434	74.5	1925
09:52:12.434	74.7	1925

25.51297	640.025631	449.806746	69.9	0.000618	0.00005	0.03259	11	1
26.11756	622.355728	456.109863	70	0.00056	0.00004	0.03083	11	1
24.98654	604.685825	503.220257	70	0.000542	0.00005	0.01463	11	1.1
25.60295	579.499483	498.327969	70	0.000559	0.00006	0.00511	11	1.4
24.61316	552.965854	484.891176	70	0.000549	0.00007	0.00161	11	1.6
23.91922	526.432225	490.741667	69.9	0.000509	0.00007	0.00059	11	1.6
24.24734	499.898596	494.3	69.9	0.000467	0.00007	0.00028	11	1.7
24.41831	489.546756	492.220096	69.9	0.000447	0.00008	0.0002	11	1.7
23.935	483.522366	488.819646	69.9	0.000448	0.00008	0.00013	11	1.7
24.28176	477.497976	487.3	69.8	0.000458	0.00007	0.00018	11	1.7
24.16931	471.473585	481.67657	69.7	0.000463	0.00008	0.00014	11	1.7
23.97175	467.1999	474.00165	69.7	0.000458	0.00007	0.00014	11	1.6
24.30931	463.716447	469.645094	69.9	0.000456	0.00007	0.00011	11	1.6
24.83499	460.232993	463.784032	69.9	0.000457	0.00007	0.00015	11	1.6
24.30545	456.74954	458.376252	69.9	0.000456	0.00007	0.00014	11	1.6
24.17622	455.012559	452.060431	70	0.000455	0.00007	0.0001	11	1.6
24.13274	454.135782	445.345446	70	0.000448	0.00007	0.00011	11	1.6
24.23212	453.259005	439.814614	70	0.000438	0.00007	0.00006	11	1.6
24.32601	452.382227	435.34912	70	0.000437	0.00007	0.00011	11	1.5
23.95443	451.157572	438.214936	69.9	0.000432	0.00007	0.00006	11	1.5
23.44933	449.507732	427.798404	69.9	0.000428	0.00006	0.0001	11	1.4
23.41209	447.857892	423.655	69.9	0.000425	0.00006	0.00008	11	1.4
23.11512	446.208052	419.016622	69.9	0.000417	0.00006	0.00008	11	1.5
22.2338	443.928695	427.839542	69.9	0.000406	0.00006	0.00011	11	1.5
21.85654	440.66056	414.397059	69.9	0.000398	0.00006	0.0001	11	1.5
21.79527	437.392424	412.1	70.1	0.000393	0.00006	0.00018	11	1.5
21.36867	434.124288	409.355	70.1	0.000389	0.00006	0.00015	11	1.5
20.70246	429.715517	417.636408	70.1	0.000383	0.00006	0.00023	11	1.5
21.03268	423.188424	405.5	70.1	0.000382	0.00005	0.00023	11	1.4
20.72371	416.66133	405.5	70	0.000371	0.00005	0.00025	11	1.4
21.22407	410.134236	403.316373	70	0.000364	0.00005	0.00022	11	1.4
20.65308	404.80666	403.210697	70	0.000357	0.00005	0.00021	11	1.4
20.51966	402.415833	398.8	70	0.000353	0.00005	0.00023	11	1.4
20.74699	400.025006	398.8	70	0.000346	0.00005	0.00017	11	1.4
21.17123	397.634179	398.8	70	0.000345	0.00005	0.00023	11	1.3
21.24113	396.475155	395.7	69.9	0.000346	0.00005	0.00026	11	1.3
22.40559	400.533556	395.373845	69.9	0.000349	0.00005	0.0003	11	1.3
21.59953	404.591957	392.6	69.9	0.000359	0.00005	0.00027	11	1.3
22.08595	408.650359	392.6	69.9	0.000374	0.00005	0.00027	11	1.2
23.34488	413.322906	402.210714	69.9	0.000413	0.00005	0.00028	11	1.2
24.70921	421.475616	389.877941	69.9	0.000449	0.00005	0.00027	11	1.2
26.45603	429.628325	389.5	69.9	0.000476	0.00006	0.00024	11	1.2
27.20909	437.781034	388.286775	69.8	0.000498	0.00006	0.00019	11	1.3
28.29613	445.818321	412.475283	69.6	0.00051	0.00006	0.00029	11	1.2
28.62029	452.68855	386.46309	69.5	0.000523	0.00007	0.00037	11	1.3
28.85316	459.558779	386.4	69.5	0.000533	0.00006	0.0004	11	1.2
28.81912	466.429008	386.4	69.5	0.000542	0.00006	0.0004	11	1.2
29.29728	473.1	420.437143	69.5	0.000549	0.00006	0.00037	11	1.2
29.59837	473.1	389.865358	69.5	0.000555	0.00006	0.00037	11	1.2
28.88997	473.1	383.3	69.6	0.000546	0.00006	0.00032	11	1.1
28.49736	473.1	383.3	69.6	0.000526	0.00005	0.00025	11	1
28.32361	473.543767	427.730392	69.8	0.000518	0.00005	0.00006	11	1
29.89935	476.15416	380.769608	69.9	0.000522	0.00005	0.00007	11	1
30.47988	478.764552	380.3	68.9	0.000538	0.00006	0.00003	11	1
29.81655	481.374945	380.3	68.6	0.000559	0.00006	0	11	1
29.14679	483.858581	425.40592	69.3	0.000554	0.00006	0	11	1
29.34702	484.683663	385.469881	69.6	0.000549	0.00006	0.00003	11	1
29.10139	485.508746	380.3	69.6	0.00055	0.00006	0.00009	11	1
29.8372	486.333828	380.3	69.8	0.000551	0.00006	0.00006	11	1.1
29.12068	487.158911	408.619027	69.9	0.000555	0.00006	0.00008	11	1.1
29.11517	485.101339	398.256931	69.8	0.000538	0.00006	0.00005	11	1.2
28.50593	482.449154	380.3	69.8	0.000522	0.00006	0.00006	11	1.2
28.71544	479.796969	380.3	69.9	0.000515	0.00006	0.00008	11	1.2

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09:52:21.434	73.7	1926
09:52:22.434	73.7	1924
09:52:23.434	74.2	1919
09:52:24.434	74.8	1926
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09:52:26.434	73.6	1928
09:52:27.434	73.6	1923
09:52:28.434	74	1920
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09:53:06.434	75.1	1923
09:53:07.434	74.7	1918
09:53:08.434	74.5	1925
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09:53:15.434	73.1	1925

28.5962	477.144784	405.944992	69.9	0.000519	0.00006	0.0001	11	1.2
28.72	476.8	394.931256	69.9	0.000517	0.00006	0.00013	11	1.2
29.06919	476.8	380.3	69.9	0.000522	0.00006	0.00007	11	1.2
28.23456	476.8	380.3	69.9	0.000518	0.00007	0.0001	11	1.3
27.56179	476.8	395.758738	69.9	0.000502	0.00007	0.00009	11	1.3
27.19417	475.058914	404.401325	69.9	0.00048	0.00006	0.00012	11	1.3
26.79322	472.498492	380.3	69.9	0.000473	0.00006	0.00006	11	1.3
26.83367	469.938071	380.3	70	0.00047	0.00006	0.00002	11	1.2
26.02882	467.37765	380.3	70	0.000461	0.00006	0.00001	11	1.2
25.66939	465.25494	407.815493	70	0.000456	0.00006	0	11	1.2
25.44	463.568193	380.3	70	0.000463	0.00006	0.00001	11	1.2
25.97395	461.881446	380.3	70	0.000468	0.00006	0	11	1.2
26.97822	460.194699	380.3	70	0.000464	0.00006	0.00002	11	1.2
25.41	459.1	412.249109	70	0.000452	0.00005	0	11	1.2
25.33714	459.1	380.3	70	0.000457	0.00006	0.00003	11	1.2
25.26447	459.1	380.3	70	0.000455	0.00006	0.00003	11	1.2
26.0118	459.1	380.3	70	0.000461	0.00006	0.00005	11	1.2
26.17565	459.1	416.957451	70	0.000467	0.00006	0.00007	11	1.2
26.13742	459.1	380.3	69.9	0.000463	0.00006	0.00003	11	1.3
25.35226	459.1	380.3	69.9	0.000463	0.00006	0.00008	11	1.3
25.52694	459.1	380.3	69.9	0.000463	0.00006	0.00005	11	1.3
25.72	458.45165	410.93885	69.9	0.000458	0.00006	0.00008	11	1.3
25.5189	456.704078	377.2	69.9	0.000457	0.00006	0.0001	11	1.3
24.85518	454.956505	377.2	69.9	0.00045	0.00006	0.00011	11	1.3
25.03086	453.208932	377.2	70	0.000447	0.00006	0.00013	11	1.2
25.24392	452.1288	411.211248	70	0.000456	0.00006	0.00007	11	1.3
25.28565	453.040355	377.2	70	0.00046	0.00006	0.00009	11	1.3
25.42988	453.951909	377.2	70	0.000461	0.00006	0.00003	11	1.3
25.92463	454.863464	377.2	69.8	0.000462	0.00006	0.00006	10.5	1.3
25.82493	455.6	415.07913	69.7	0.000467	0.00006	0.00006	10.5	1.3
26.13841	455.6	377.2	69.7	0.000474	0.00006	0.00009	11	1.3
26.1659	455.6	377.2	69.7	0.000467	0.00006	0.0001	11	1.3
25.82816	455.6	377.2	69.9	0.000464	0.00006	0.00008	11	1.3
27.09176	455.892162	416.013031	69.9	0.000473	0.00006	0.00012	11	1.3
27.27965	457.590779	377.316091	69.9	0.000489	0.00006	0.00006	11	1.3
26.85857	459.289396	377.2	69.9	0.000494	0.00006	0.00009	11	1.2
27.7651	460.988013	377.2	69.9	0.000501	0.00006	0.00002	11	1.2
27.97188	462.643336	413.395628	69.9	0.000508	0.00006	0.00002	11	1.2
28.14448	463.493057	382.188713	69.9	0.000506	0.00007	0	11	1.3
28.31542	464.342777	377.2	69.9	0.000507	0.00007	0	11	1.3
27.95573	465.192498	377.2	69.9	0.000505	0.00006	0	11	1.3
26.83934	466.042219	407.151288	69.8	0.000487	0.00006	0	11	1.3
26.28645	465.294965	388.040402	69.7	0.000479	0.00006	0.00002	11	1.3
26.71862	464.431194	377.2	69.7	0.000484	0.00006	0.00001	11	1.2
27.61366	463.567423	377.2	69.9	0.000493	0.00006	0.00002	11	1.2
27.36656	462.703653	400.028341	69.9	0.000494	0.00006	0.00001	11	1.2
27.27	462.6	388.253936	69.9	0.000491	0.00006	0.00002	11	1.2
26.59525	462.6	376.195342	69.9	0.000484	0.00006	0.00003	11	1.2
26.67737	462.6	377.2	69.9	0.000484	0.00006	0.00008	11	1.2
26.56716	462.6	392.546926	69.9	0.000475	0.00006	0.00011	11	1.2
26.39626	461.990889	394.841922	70	0.000473	0.00006	0.00006	11	1.2
26.21267	461.121971	375.380435	70	0.000474	0.00006	0.00009	11	1.2
26.18495	460.253054	374.1	69.9	0.000473	0.00006	0.00005	11	1.2
26.7618	459.384136	386.862213	69.9	0.000476	0.00006	0.00006	11	1.2
26.42456	458.531176	395.245935	69.9	0.000468	0.00006	0.00006	11	1.2
25.77497	457.68597	374.1	69.9	0.000457	0.00006	0.00007	11	1.2
25.60207	456.840763	376.074629	69.9	0.000459	0.00006	0.00015	10.5	1.2
25.34584	455.995557	378.291429	69.9	0.000458	0.00006	0.00012	10.5	1.2
25.1288	454.621451	399.826214	69.9	0.000453	0.00005	0.00015	11	1.2
25.42252	452.782073	374.1	69.9	0.00045	0.00006	0.0001	10.5	1.2
24.2603	450.942694	376.600761	70	0.000442	0.00006	0.00015	10	1.3
24.82048	449.103316	382.003514	70	0.000439	0.00006	0.00011	10	1.3
24.22234	448.5	392.736614	70	0.00044	0.00006	0.00013	10	1.3

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09:54:16.434	74.8	1923
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09:54:18.434	74.8	1926

24.0765	448.5	374.1	70	0.000438	0.00006	0.00017	10	1.3
24.52486	448.5	374.1	70	0.000449	0.00006	0.00019	10	1.3
25.35177	448.5	377.979429	70	0.000458	0.00006	0.00019	10	1.3
26.20779	449.456495	397.696471	69.9	0.000467	0.00006	0.00013	10	1.3
25.91061	451.254419	374.1	69.9	0.000474	0.00006	0.00015	10	1.3
26.27379	453.052342	374.1	69.7	0.000476	0.00006	0.00012	10	1.3
26.75606	454.850266	381.902913	69.7	0.000481	0.00006	0.00013	10	1.2
26.25677	455.6	399.110714	69.7	0.000472	0.00006	0.00011	10	1.2
26.13181	455.6	374.1	69.7	0.00047	0.00006	0.0001	10	1.2
26.11461	455.6	374.1	69.7	0.000468	0.00006	0.00011	10	1.2
25.89222	455.6	374.1	69.9	0.00047	0.00006	0.00007	10	1.2
25.51099	454.961875	406.224382	69.9	0.000465	0.00006	0.00012	10	1.2
25.07995	453.246485	374.1	69.9	0.000456	0.00005	0.00006	10	1.2
24.81142	451.531094	374.1	69.9	0.00045	0.00005	0.00008	10	1.2
24.56527	449.815704	374.1	69.9	0.000438	0.00005	0.00007	10	1.2
23.67422	448.111667	408.606458	69.9	0.000428	0.00005	0.00014	10	1.2
23.53739	446.445	374.1	69.9	0.000422	0.00005	0.00015	10	1.2
23.22565	444.778333	374.1	69.9	0.000414	0.00005	0.00013	10	1.2
23.03832	443.111667	374.1	69.9	0.000411	0.00005	0.00017	10	1.2
22.98229	441.682601	404.240792	70	0.000416	0.00005	0.00015	10	1.2
22.9312	440.886269	374.1	70	0.000406	0.00005	0.00022	10	1.2
22.32752	440.089937	374.1	70	0.000413	0.00005	0.00021	10	1.2
23.20594	439.293605	374.1	70	0.00042	0.00005	0.00025	10	1.2
22.16169	438.710399	405.017735	70	0.00042	0.00005	0.00025	10	1.2
22.33194	439.566209	375.28378	70	0.000426	0.00005	0.00024	10	1.2
23.22542	440.422018	374.1	70	0.000434	0.00005	0.00024	10	1.2
23.05174	441.277827	376.073861	70	0.000437	0.00005	0.0002	10	1.2
24.19651	442.124775	405.902226	70	0.000449	0.00005	0.00025	10	1.2
23.75714	442.948129	377.2	69.9	0.000449	0.00005	0.00019	10	1.2
24.4971	443.771482	377.2	69.9	0.000449	0.00005	0.00023	10	1.2
25.21264	444.594835	377.2	69.9	0.000462	0.00005	0.0002	10	1.2
26.18346	446.08291	407.793254	69.7	0.000485	0.00006	0.00018	10	1.2
26.86335	449.414645	377.2	69.7	0.000501	0.00006	0.00016	10	1.2
27.2782	452.746381	377.2	69.7	0.000501	0.00006	0.00013	10	1.2
27.49039	456.078116	377.2	69.7	0.000497	0.00006	0.00017	10	1.2
26.13459	459.1	414.128631	69.6	0.000492	0.00006	0.00007	10	1.2
27.60788	459.1	377.462781	69.6	0.000496	0.00006	0.00011	10	1.2
27.53459	459.1	377.2	69.8	0.000495	0.00006	0.00004	10	1.2
27.11498	459.1	377.2	69.9	0.000493	0.00006	0.00009	10	1.3
27.74044	459.105109	406.340895	69.9	0.000501	0.00007	0.00007	10	1.4
27.87379	460.808273	378.877306	69.9	0.000501	0.00007	0.00009	10	1.4
28.60347	462.511436	374.1	69.9	0.000513	0.00007	0.00011	10	1.4
28.32834	464.214599	374.1	69.9	0.000518	0.00007	0.00006	10	1.4
28.64123	465.917762	400.290323	69.8	0.000523	0.00007	0.00011	10	1.4
28.10635	467.646512	383.529501	69.7	0.000525	0.00007	0.00006	10	1.4
28.68627	469.378328	374.1	69.7	0.000527	0.00007	0.0001	10	1.4
28.63747	471.110143	374.1	69.7	0.000525	0.00007	0.00007	10	1.4
28.66291	472.841959	401.499296	69.7	0.000526	0.00007	0.00006	10	1.3
28.24875	473.865176	390.389293	69.7	0.000524	0.00007	0.00009	10	1.3
28.95755	474.764326	374.1	69.7	0.000531	0.00007	0.00007	10	1.3
29.27	475.663475	374.1	69.7	0.000532	0.00007	0.00011	10	1.3
29.51166	476.562625	394.611111	69.7	0.000537	0.00007	0.00006	10	1.3
29.24889	477.421922	397.04889	69.7	0.000549	0.00007	0.00007	10	1.3
29.28772	478.266924	374.1	69.7	0.000551	0.00007	0.00003	10	1.2
29.2884	479.111927	374.1	69.7	0.000546	0.00007	0.00003	10	1.2
28.94764	479.956929	377.849261	69.7	0.000538	0.00006	0.00005	10	1.2
28.94564	479.772736	399.164234	69.7	0.000528	0.00006	0.00002	10	1.2
28.82443	478.885087	374.1	69.8	0.000526	0.00006	0.00004	10	1.2
28.84953	477.997438	374.1	69.9	0.000522	0.00006	0.00002	10	1.2
28.44	477.109789	388.781761	69.9	0.000517	0.00006	0.00009	10	1.2
28.17553	476.204818	400.360258	69.9	0.000515	0.00006	0.00004	10	1.2
28.03778	475.290561	375.572424	69.9	0.000516	0.00006	0.00007	10	1.2
28.33889	474.376303	377.2	69.9	0.00051	0.00006	0.00006	10	1.2

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28.3172	473.462046	382.168132	69.9	0.00051	0.00006	0.00006	10	1.2
28.63046	472.593046	404.883448	69.9	0.000515	0.00006	0.00008	10	1.2
28.32786	471.753717	377.2	69.9	0.000513	0.00006	0.00004	10	1.2
28.10067	470.914388	377.2	69.9	0.000508	0.00006	0.00005	10	1.1
28.11079	470.07506	377.2	69.9	0.000508	0.00006	0	10	1.1
27.97333	468.85521	410.040379	69.9	0.000512	0.00006	0.00004	10	1.1
27.6421	467.139103	376.217221	69.9	0.000507	0.00006	0.00001	10	1.1
27.0758	465.422996	375.336724	69.9	0.000486	0.00006	0.00004	10	1.1
26.85658	463.706889	377.2	69.9	0.000468	0.00005	0.00003	10	1.1
25.37231	461.69322	411.703736	69.9	0.000454	0.00005	0.00005	10	1
25.32392	459.138911	374.600979	70	0.000453	0.00005	0.0001	10	1
25.6767	456.584603	377.2	70	0.000463	0.00005	0.00009	10	1
24.99116	454.030294	377.2	70	0.000452	0.00005	0.00012	10	1
25.31892	451.767231	414.509751	70	0.000448	0.00005	0.00009	10	1
25.06756	450.967419	374.260995	70	0.00045	0.00005	0.00012	10	1
24.65252	450.167608	374.1	70	0.000445	0.00005	0.00012	10	1
24.21118	449.367796	374.1	70	0.000439	0.00005	0.00016	10	1
23.93292	448.567984	398.445275	70	0.00043	0.00004	0.00016	10	1
23.93491	447.781243	382.04375	70	0.00043	0.00004	0.00016	10	0.9
24.23834	446.995715	374.1	70	0.000434	0.00004	0.00019	10	0.9
24.50353	446.210188	377.2	70	0.000433	0.00004	0.00015	10	0.9
23.8798	445.424661	389.932118	70	0.000432	0.00004	0.00021	10	0.9
23.15026	444.045849	389.09957	70	0.000419	0.00004	0.00019	10	0.9
22.87025	442.42939	375.96179	70	0.000411	0.00004	0.00023	10	0.9
22.42252	440.812932	377.2	70	0.000405	0.00004	0.00023	10	0.9
22.12657	439.196473	384.907846	70	0.000408	0.00004	0.00027	10	0.9
22.60424	438.6	393.603431	70	0.000416	0.00004	0.00027	10	0.9
22.5789	438.6	377.2	70	0.000422	0.00004	0.00024	10	0.9
22.47	438.6	377.2	70	0.000417	0.00003	0.00029	10	0.9
22.1713	438.6	381.774212	70	0.000413	0.00003	0.00026	10	0.9
21.94163	438.160414	395.680196	70	0.00041	0.00003	0.0003	10	0.9
21.87152	437.383761	377.2	70	0.000407	0.00003	0.00028	10	0.9
21.94917	436.607108	377.2	69.9	0.000415	0.00003	0.00032	10	0.9
21.85366	435.830454	377.2	69.9	0.000409	0.00003	0.00031	10	0.9
21.69316	435.551346	401.971011	69.9	0.000404	0.00003	0.00032	10	0.9
21.72256	436.344234	380.3	69.9	0.000416	0.00003	0.00036	10	0.9
22.69973	437.137122	380.3	69.9	0.000441	0.00004	0.00032	10	1
24.43312	437.93001	380.3	69.9	0.000457	0.00004	0.00035	10	1
26.21073	439.37049	409.326483	69.9	0.000487	0.00005	0.00025	10	1
26.8034	444.341392	380.675198	69.9	0.000506	0.00005	0.00018	10	1.1
28.17886	449.312294	380.3	69.8	0.00054	0.00006	0.00013	10	1.1
37.45348	454.283196	380.3	69.7	0.00067	0.00008	0.0001	10	1.1
31.8175	460.192454	412.766953	69.6	0.000635	0.00007	0.00193	10	1.1
34.59407	495.432898	383.442078	69.5	0.000751	0.00007	0.01445	10	1.1
35.43481	530.673342	380.3	69.5	0.000875	0.00008	0.04906	10	1.1
36.37727	565.913785	381.339242	69.3	0.000928	0.00009	0.06909	10	1.3
35.98974	601.154229	461.734063	69.3	0.000924	0.00009	0.07274	10	1.3
34.98002	617.008169	415.133069	69.3	0.000903	0.00009	0.0672	10	1.3
34.26216	632.385392	399.910697	69.5	0.000868	0.00009	0.0595	10	1.3
32.12928	647.762614	409.588333	69.5	0.000834	0.00008	0.05384	10	1.3
29.66022	663.139837	482.542958	69.9	0.000765	0.00008	0.04758	10	1.3
28.89392	667.75225	465.311207	70	0.000735	0.00007	0.04806	10	1.3
26.99193	669.904892	441.32066	70.1	0.000695	0.00007	0.05007	10	1.2
25.37504	672.057534	451.418242	70.1	0.000646	0.00006	0.0497	10	1.2
24.44269	674.210176	501.610578	70.2	0.000567	0.00006	0.04033	10	1.4
22.03996	639.311938	507.665615	70.3	0.000488	0.00009	0.02311	10	2.2
20.49874	590.430309	476.956961	70.3	0.000463	0.00013	0.00975	10	3.4
18.47263	541.548681	483.599065	70.4	0.000437	0.00015	0.00359	10	4.3
18.41675	492.667052	489.362054	70.4	0.000401	0.00015	0.00138	10	4.6
16.80858	464.199754	493.348577	70.4	0.000338	0.00014	0.00062	10	4.8
16.083	442.646547	497.8	70.4	0.000279	0.00014	0.00038	10	4.9
16.16645	421.09334	500.700758	70.4	0.000253	0.00014	0.00026	10	5.1
18.25197	399.540133	488.618333	70.4	0.000263	0.00016	0.00025	10	5.1

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09:56:24.434	76	1919

20.44745	392.6	472.723971	70.4	0.000283	0.00016	0.00021	10	4.9
22.29156	392.6	496.092934	70.4	0.000317	0.00016	0.00019	10	4.3
24.39047	392.6	489.868212	70.2	0.000331	0.00015	0.00018	10	3.8
22.03765	392.6	478.598169	69.8	0.000329	0.00013	0.00015	10	3.4
23.78565	399.552186	449.659794	69.7	0.000369	0.00012	0.00017	10	2.9
24.55074	412.845085	470.204887	69.5	0.000417	0.00011	0.00015	10	2.6
26.04545	426.137983	461.36498	69.5	0.000459	0.00011	0.00017	10	2.4
26.65293	439.430882	454.275	69.5	0.00048	0.00011	0.00017	10	2.2
25.86379	446.114003	444.873894	69.5	0.000472	0.0001	0.00018	10	2.1
25.32941	447.72885	439.360534	69.6	0.000454	0.0001	0.00017	10	2.1
24.76748	449.343697	433.662992	69.6	0.000445	0.00009	0.00016	10	2.1
24.80093	450.958544	428.962712	69.8	0.000448	0.00009	0.00019	10	2.1
24.794	451.9	433.165037	69.9	0.00046	0.0001	0.0002	10	2.1
24.66788	451.9	417.676644	69.9	0.00046	0.0001	0.00023	10	2.1
24.79314	451.9	414.071951	69.9	0.000458	0.0001	0.00018	10	2.1
24.66352	451.9	412.1	69.9	0.000455	0.0001	0.00024	10	2.1
25.1908	451.582097	424.819657	69.9	0.000454	0.0001	0.0002	10	2.1
25.00441	450.760643	405.5	69.9	0.000456	0.0001	0.00021	10	2.1
25.15071	449.939188	404.62996	69.9	0.000453	0.0001	0.00019	10	2.1
24.56475	449.117734	399.897273	69.9	0.000446	0.0001	0.00017	10	2.1
24.45037	448.298919	421.508178	69.9	0.000441	0.00009	0.00021	10	2.1
23.92794	447.488108	398.596373	69.9	0.000438	0.00009	0.00019	10	2.1
23.47773	446.677297	395.7	69.9	0.000432	0.00009	0.00023	10	2.1
22.21329	445.866486	395.7	69.9	0.000406	0.00009	0.00019	10	2.1
21.97894	444.91423	418.440834	69.9	0.000396	0.00008	0.00023	10	2.1
21.79599	443.308781	392.93162	69.2	0.000393	0.00008	0.00025	10	2.1
21.66393	441.703333	392.6	69	0.000393	0.00008	0.00026	10	2.1
21.85266	440.097884	392.6	69.8	0.000398	0.00008	0.00028	10	2.1
21.57321	438.6	411.22209	70.1	0.000407	0.00008	0.00024	10	2.1
22.37974	438.6	392.222424	70	0.000416	0.00009	0.00027	10	2.1
22.31259	438.6	389.5	70	0.000413	0.00009	0.00023	10.5	2.3
22.22777	438.6	389.5	69.9	0.000411	0.00009	0.00023	10.5	2.3
21.85736	438.6	402.387874	69.9	0.000405	0.00009	0.00022	10	2.3
22.1605	438.6	397.805109	69.9	0.000408	0.00009	0.00024	10	2.3
22.17844	438.6	389.5	69.9	0.000413	0.00009	0.00025	10	2.3
22.13799	438.6	389.5	69.9	0.000417	0.00009	0.00022	10.5	2.4
21.60269	438.6	398.426448	69.9	0.000414	0.0001	0.00024	11	2.5
21.50897	438.6	396.94726	69.9	0.000406	0.0001	0.0002	11	2.5
21.76715	438.6	386.4	69.9	0.000409	0.0001	0.00023	11	2.5
22.10031	438.6	386.4	69.9	0.000418	0.0001	0.0002	10.5	2.4
23.13915	438.6	392.664	69.9	0.000434	0.0001	0.00025	10	2.4
23.12749	440.13646	400.418101	69.7	0.000437	0.0001	0.00022	10.5	2.4
23.9821	442.586955	386.4	69.7	0.000451	0.0001	0.00018	11	2.4
24.99408	445.03745	386.4	69.7	0.00047	0.00011	0.00019	10.5	2.4
25.65099	447.487946	392.077714	69.7	0.000476	0.00011	0.00013	10	2.3
25.65176	449.536999	404.408391	69.7	0.000475	0.00011	0.00015	10	2.3
26.47298	451.303608	386.4	69.7	0.000492	0.00011	0.00011	10.5	2.3
26.26504	453.070216	386.4	69.7	0.000488	0.0001	0.00008	11	2.2
25.8371	454.836825	387.960064	69.7	0.00048	0.00011	0.00006	11	2.2
25.31546	455.071827	407.180373	69.7	0.00047	0.0001	0.00008	11	2.2
24.7138	454.141945	385.207929	69.7	0.000458	0.0001	0.00012	11	2.2
24.7575	453.212063	383.3	69.8	0.000453	0.0001	0.00012	11	2.2
24.69889	452.282181	386.986449	69.9	0.000448	0.0001	0.00018	11	2.2
24.11399	451.9	401.645643	69.9	0.000442	0.0001	0.00016	11	2.2
24.34678	451.9	381.788119	69.9	0.000451	0.0001	0.00018	11	2.2
25.66167	451.9	380.3	69.9	0.000475	0.0001	0.00016	11	2.2
26.19056	451.9	384.762178	69.9	0.000481	0.0001	0.00015	11	2.2
27.11641	452.873596	402.446863	69.9	0.000492	0.0001	0.00013	11	2.2
27.09265	454.646995	380.3	69.9	0.000483	0.0001	0.00011	11	2.2
26.36282	456.420394	380.3	69.7	0.000483	0.0001	0.00014	11	2.2
27.86981	458.193793	380.3	69.7	0.000504	0.00011	0.0001	11	2.2
28.85709	459.947277	405.610217	69.7	0.000522	0.00011	0.00012	11	2.2
28.35871	461.67995	380.3	69.7	0.000522	0.00011	0.00009	11	2.1

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27.96909	463.412624	380.3	69.7	0.000514	0.00011	0.00014	11	2.1
27.27256	465.145297	380.3	69.7	0.000503	0.00011	0.00011	11	2.2
27.61846	466.1	410.924653	69.8	0.000501	0.0001	0.00013	11	2.1
27.97475	466.1	379.442815	69.9	0.000498	0.0001	0.00013	11	2.1
27.55783	466.1	377.2	69.9	0.0005	0.00011	0.00011	11	2.1
27.43446	466.1	377.2	69.9	0.000493	0.0001	0.00013	11	2
26.15835	464.849258	412.620412	69.9	0.000469	0.00009	0.00008	11	1.9
25.22949	461.450503	377.2	69.9	0.000458	0.00009	0.00012	11	1.9
24.77828	458.051747	377.2	69.9	0.000444	0.00009	0.0001	11	1.9
24.31289	454.652992	377.2	69.9	0.000441	0.00009	0.00017	11	1.9
24.95311	451.740965	413.371382	70	0.000448	0.00009	0.00018	11	1.9
25.09661	450.903939	377.2	70	0.000447	0.00009	0.00014	11	1.9
24.878	450.066913	377.2	70	0.000449	0.00008	0.00018	11	1.9
24.18941	449.229887	377.2	70	0.000442	0.00008	0.00016	11	1.8
24.29847	448.393306	411.324322	70	0.000435	0.00008	0.0002	11	1.8
24.07914	447.559763	378.611881	70	0.000433	0.00007	0.00016	11	1.7
23.72429	446.726219	377.2	70	0.000429	0.00007	0.0002	11	1.7
23.32345	445.892675	377.2	70	0.000419	0.00007	0.00017	11	1.7
21.80156	444.80568	410.866993	70	0.000407	0.00006	0.0002	11	1.6
21.83517	442.472425	377.566308	70	0.000398	0.00006	0.00023	11	1.5
21.9892	440.13917	377.2	70.1	0.000399	0.00006	0.00023	11	1.5
22.03794	437.805916	377.2	70.1	0.000401	0.00006	0.00027	11	1.5
21.70773	435.472661	396.6635	70.1	0.000404	0.00006	0.00026	11	1.5
21.87824	434.542677	384.348578	70.1	0.000407	0.00006	0.00029	11	1.5
21.89409	433.724833	377.2	70	0.000401	0.00006	0.00026	11	1.5
21.854	432.906989	380.3	70	0.000408	0.00006	0.00028	11	1.5
21.95465	432.089145	394.905457	70	0.000407	0.00006	0.00029	11	1.5
22.33281	431.297041	385.666685	70	0.000411	0.00006	0.00031	11	1.5
22.33481	430.508087	380.3	69.9	0.000409	0.00006	0.0003	11	1.5
21.35946	429.719132	380.3	69.9	0.000399	0.00006	0.00027	11	1.5
21.88884	428.930178	393.464286	69.9	0.000396	0.00006	0.0003	11	1.5
21.70431	429.460569	388.207086	69.9	0.000396	0.00006	0.00028	11	1.5
22.24922	430.251669	380.3	69.9	0.000406	0.00006	0.00029	11	1.5
22.22311	431.042769	380.3	69.9	0.00042	0.00006	0.00028	11	1.5
22.37887	431.833869	390.326923	69.9	0.000417	0.00006	0.00024	11	1.5
22.58704	432.640541	388.52244	69.9	0.000425	0.00006	0.00025	11	1.5
22.8162	433.451351	380.3	69.9	0.000431	0.00006	0.00022	11	1.5
23.64253	434.262162	380.3	70.9	0.000437	0.00006	0.00023	11	1.5
23.77362	435.072973	390.694922	70.5	0.000442	0.00007	0.00017	11	1.5
24.22293	437.130508	389.323438	70.2	0.000453	0.00007	0.00018	11	1.5
24.86715	439.672881	380.3	69.8	0.000463	0.00007	0.00014	11	1.5
25.10574	442.215254	380.3	69.7	0.000457	0.00006	0.00013	11	1.4
25.20519	444.757627	397.446875	69.7	0.000461	0.00007	0.0001	11	1.4
25.53069	445.865479	391.498431	69.7	0.000468	0.00007	0.00007	11	1.4
25.39642	446.671143	380.3	69.7	0.000466	0.00007	0.0001	11	1.4
25.7496	447.476807	380.219315	69.7	0.000464	0.00007	0.00008	11	1.4
25.38359	448.282471	391.489667	69.7	0.000455	0.00007	0.00012	11	1.4
24.39872	447.892434	390.49989	69.7	0.000442	0.00006	0.00009	11	1.4
24.35303	447.060151	377.2	69.8	0.000442	0.00006	0.00015	11	1.4
23.90396	446.227869	377.2	69.9	0.000441	0.00006	0.00015	11	1.4
24.54959	445.395586	392.083721	69.9	0.000444	0.00006	0.00017	11	1.4
24.43634	443.961893	391.585896	69.9	0.000445	0.00006	0.00016	11	1.4
23.86124	442.343453	375.473725	69.9	0.000442	0.00006	0.00014	11	1.4
23.04837	440.725012	374.1	69.9	0.000417	0.00006	0.00019	11	1.4
21.91432	439.106572	381.837923	69.9	0.000408	0.00005	0.00018	11	1.4
22.3	438.055809	389.6395	69.9	0.000408	0.00005	0.00021	11	1.4
22.43541	437.263682	374.1	69.9	0.000417	0.00006	0.00021	11	1.4
22.67091	436.471555	374.1	70.1	0.00042	0.00006	0.00023	11	1.4
22.56898	435.679429	377.082203	70	0.000426	0.00006	0.00022	11	1.4
23.37525	437.482887	392.872805	69.9	0.000439	0.00006	0.00023	11	1.4
24.69752	441.672691	374.1	70	0.00045	0.00006	0.00021	11	1.3
26.23156	445.862494	374.1	70	0.000481	0.00006	0.00016	11	1.3
26.81129	450.052297	380.574488	70	0.000496	0.00007	0.00017	11	1.4

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09:58:17.434	75.2	1914
09:58:18.434	75.7	1909
09:58:19.434	75.9	1911
09:58:20.434	77.2	1913
09:58:21.434	77.3	1912
09:58:22.434	76.1	1919
09:58:23.434	74	1920
09:58:24.434	73.7	1919
09:58:25.434	73.2	1924
09:58:26.434	72.5	1925
09:58:27.434	73.3	1923
09:58:28.434	73.7	1926
09:58:29.434	73	1924
09:58:30.434	72.6	1922

26.36345	451.447045	399.156859	69.6	0.000485	0.00006	0.00014	11	1.4
25.98718	450.636749	376.027937	69.7	0.000477	0.00006	0.00017	11	1.3
25.19214	449.826454	374.1	69.7	0.000459	0.00006	0.00013	11	1.3
24.39475	449.016158	374.1	69.9	0.000447	0.00006	0.00015	11	1.3
24.12366	447.928755	404.400294	69.9	0.000433	0.00006	0.00019	11	1.3
23.54905	446.355079	374.1	69.9	0.000424	0.00005	0.00019	11	1.3
23.22816	444.781402	374.1	69.9	0.000422	0.00005	0.00022	11	1.3
23.11316	443.207725	374.1	69.9	0.000422	0.00005	0.00019	11	1.2
22.39904	441.9	407.63477	70	0.000417	0.00005	0.00025	11	1.2
22.76289	441.9	374.432027	70	0.000431	0.00005	0.00024	11	1.2
23.43241	441.9	374.1	70	0.000437	0.00005	0.00027	11	1.2
23.36747	441.9	374.1	69.7	0.000441	0.00005	0.00026	11	1.2
24.43	442.21075	404.075884	69.6	0.000452	0.00005	0.00025	11	1.2
25.43813	445.588462	374.1	69.6	0.000469	0.00005	0.00023	11	1.2
26.89538	448.966174	374.1	69.6	0.000499	0.00006	0.00015	11	1.2
28.82525	452.343886	374.1	69.6	0.000532	0.00006	0.00019	11	1.2
31.18135	456.094572	407.409691	69.6	0.000571	0.00007	0.00009	11	1.2
32.30296	469.832673	380.092647	69.6	0.000648	0.00007	0.0001	11	1.2
33.78382	483.570774	377.2	69.6	0.000682	0.00008	0.00005	11	1.2
34.13144	497.308876	377.2	69.5	0.000705	0.00007	0.00007	11	1.1
35.12746	510.459534	442.252714	69.4	0.00073	0.00007	0.00007	11	1.1
35.70142	520.255064	378.375619	69.3	0.000769	0.00008	0.00011	11	1.1
37.40009	530.050594	380.211078	69.3	0.000805	0.00008	0.00026	11	1.1
36.50517	539.846125	380.3	69.3	0.000804	0.00007	0.00024	11	1
35.2949	549.641655	439.924894	69.3	0.000759	0.00007	0.00021	11	1
32.04308	541.105524	404.636026	69.3	0.000699	0.00006	0.00012	11	1
30.25937	531.46133	386.4	69.6	0.000655	0.00006	0.00017	11	0.9
29.05878	521.817135	386.4	69.9	0.000632	0.00005	0.00015	11	0.9
28.88973	512.17294	408.492838	70	0.000577	0.00005	0.00012	11	1
26.17409	499.877595	421.177651	70.3	0.000507	0.00005	0.00012	11	1
24.21793	486.282357	392.6	70.4	0.000447	0.00004	0.00012	11	0.9
22.43868	472.687119	392.6	70.5	0.000401	0.00004	0.00021	11	0.9
21.09681	459.091881	392.6	70.5	0.000385	0.00003	0.00028	11	0.9
17.49635	439.651746	413.247551	70.5	0.00034	0.00003	0.00037	11	0.9
14.94384	413.646962	392.6	70.5	0.000284	0.00003	0.00051	11	0.9
15.30131	387.642177	392.6	70.7	0.000255	0.00002	0.00065	11	0.9
15.25664	361.637392	392.6	70.7	0.00023	0.00002	0.00075	11	0.9
15.34174	339.558815	371.773341	70.7	0.000202	0.00003	0.00058	11	0.9
15.62074	327.04615	392.6	70.7	0.000167	0.00002	0.0004	11	0.9
15.40615	314.533485	392.6	70.5	0.000149	0.00002	0.00024	11	0.9
15.45419	302.020821	392.6	70.4	0.000143	0.00002	0.00022	11	0.9
15.56391	296.769586	352.419695	70.2	0.000158	0.00003	0.0002	11	0.9
18.16833	305.42727	389.5	70.1	0.000206	0.00003	0.00029	11	0.9
21.18127	314.084955	388.316364	69.9	0.000273	0.00004	0.0003	11	1
23.08526	322.74264	386.4	69.9	0.000321	0.00004	0.00021	11	1
22.73202	335.922501	361.321743	69.9	0.000329	0.00004	0.00015	11	1
24.68405	358.079219	380.3	70.1	0.000382	0.00004	0.00014	11	1
25.97961	380.235937	379.0104	69.5	0.000442	0.00004	0.00021	11	1
26.65418	402.392655	377.2	69.3	0.000481	0.00005	0.00013	11	1
26.65518	421.263846	393.837488	69.3	0.000498	0.00005	0.00017	11	1
27.54976	430.975385	370.8	69.3	0.000514	0.00005	0.00013	11	1
28.11303	440.686923	370.506316	69.4	0.000522	0.00005	0.00011	11	1
28.48033	450.398462	367.7	69.4	0.000537	0.00006	0.00011	11	1
28.55759	459.1	409.20459	69.5	0.000548	0.00006	0.00007	11	1
28.3179	459.1	367.7	69.5	0.000543	0.00006	0.00009	11	1
27.72222	459.1	367.7	69.6	0.000529	0.00006	0.00005	11	1
27.27914	459.1	367.7	69.6	0.00051	0.00005	0.00012	11	1
26.5397	458.748647	411.600281	69.7	0.000494	0.00005	0.00008	11	1
25.80368	456.165172	369.850588	69.7	0.000474	0.00005	0.00012	11	1
25.62301	453.581696	367.7	69.9	0.000466	0.00005	0.00015	11	1
25.15941	450.998221	367.7	69.9	0.000461	0.00005	0.0002	11	1
24.5866	448.473626	400.983773	69.9	0.000447	0.00005	0.00026	11	1
24.90367	447.674401	373.145391	69.9	0.000444	0.00005	0.00021	11	1

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24.67013	446.875176	367.7	70	0.000454	0.00005	0.00022	11	1.1
25.17925	446.075951	367.7	70	0.000463	0.00005	0.00019	11	1.1
25.32094	445.276726	392.438701	70	0.000459	0.00005	0.00023	11	1.1
24.91191	445.2	375.779787	70	0.000452	0.00005	0.0002	11	1.2
24.64699	445.2	367.7	70	0.000443	0.00005	0.0002	11	1.2
24.17548	445.2	367.7	70	0.000438	0.00005	0.00021	11	1.2
24.27892	445.2	383.629958	70	0.000438	0.00005	0.00019	11	1.2
23.40009	443.447702	387.450735	70	0.000428	0.00005	0.00021	11	1.2
22.66563	441.0407	370.8	69.7	0.000412	0.00005	0.0002	11	1.2
21.97643	438.633698	370.8	69.6	0.000395	0.00005	0.00026	11	1.3
22.02406	436.226696	378.075103	69.6	0.0004	0.00005	0.00032	11	1.3
21.93767	433.764036	387.596875	70	0.000392	0.00005	0.00037	11	1.3
21.61783	431.266533	370.8	70.1	0.000387	0.00005	0.00038	11	1.3
21.75831	428.769031	370.8	69.8	0.000393	0.00005	0.00038	11	1.3
21.6925	426.271528	373.967596	69.9	0.000396	0.00005	0.0004	11	1.3
22.46724	426.306565	386.651337	69.9	0.000405	0.00005	0.00035	11	1.3
22.68697	427.953971	374.1	69.9	0.000422	0.00005	0.0004	11	1.3
23.04584	429.601377	374.1	69.9	0.000422	0.00005	0.00031	11	1.3
22.43507	431.248783	377.57897	69.9	0.000421	0.00005	0.00033	11	1.3
22.5002	432.438817	392.036413	69.7	0.000414	0.00005	0.00031	11	1.3
22.41146	433.245466	374.1	69.9	0.000422	0.00005	0.00032	11	1.3
22.70879	434.052114	374.1	70	0.000429	0.00005	0.00035	11	1.3
22.55247	434.858763	374.1	69.9	0.000422	0.00005	0.00032	11	1.3
23.30631	435.659437	395.888639	69.9	0.000432	0.00005	0.00034	11	1.3
23.39879	436.452897	374.1	69.9	0.000446	0.00005	0.00028	11	1.3
23.25014	437.246357	374.1	69.7	0.000443	0.00005	0.00029	11	1.3
23.33467	438.039817	374.1	69.7	0.000433	0.00005	0.00027	11	1.3
22.82945	438.6	401.169746	69.7	0.000431	0.00005	0.00028	11	1.3
23.07727	438.6	374.1	69.7	0.000436	0.00005	0.00029	11	1.3
23.03112	438.6	374.1	69.7	0.000436	0.00005	0.00027	11	1.3
23.0089	438.6	374.1	69.7	0.000438	0.00006	0.00029	11	1.4
25.26024	444.040147	400.422628	69.7	0.00056	0.00007	0.00034	11	1.4
29.03553	459.407794	374.1	69.7	0.000571	0.00008	0.00031	11	1.4
26.16631	474.775441	374.1	69.7	0.000491	0.00007	0.00056	11	1.4
25.4889	490.143088	374.1	69.7	0.000564	0.00007	0.01082	11	1.3
25.61781	509.898409	430.990856	69.7	0.000626	0.00007	0.03304	11	1.3
25.54626	541.279465	377.460861	69.7	0.000639	0.00006	0.03935	11	1.3
25.44867	572.660521	380.3	69.7	0.000635	0.00006	0.03697	11	1.3
25.14636	604.041576	381.937838	70	0.000618	0.00006	0.03131	11	1.3
24.24026	632.849414	502.829513	70.1	0.000609	0.00006	0.02593	11	1.3
24.32339	643.644727	392.749358	70.1	0.000603	0.00006	0.02096	11	1.3
24.72609	654.44004	396.677642	70.1	0.0006	0.00006	0.0175	11	1.3
24.99722	665.235353	403.911961	70	0.000604	0.00006	0.01548	11	1.3
24.44512	675.280772	532.74866	70	0.000604	0.00006	0.01489	11	1.3
24.67135	679.49807	418.75202	69.9	0.0006	0.00006	0.01517	11	1.3
24.85567	683.715368	425.254483	69.9	0.000599	0.00006	0.0176	11	1.3
24.67766	687.932666	433.953947	69.9	0.000602	0.00006	0.02244	11	1.3
25.61439	692.149964	523.784599	69.9	0.000578	0.00006	0.02721	11	1.3
25.22756	653.907939	478.009043	69.9	0.00051	0.00005	0.01949	11	1.3
22.67939	611.822812	463.979412	69.9	0.00049	0.00005	0.00802	11	1.4
22.59824	569.737685	473.368742	69.9	0.000493	0.00006	0.00267	11	1.6
22.48219	527.652559	486.159705	69.9	0.000494	0.00007	0.00096	11	1.7
23.11381	508.257364	492.026762	70	0.000471	0.00007	0.00045	11	1.7
23.85249	497.042894	489.771898	70	0.000456	0.00007	0.00031	11	1.7
23.79867	485.828424	490.453743	69.9	0.000445	0.00007	0.00021	11	1.7
24.036	474.613953	483.572786	69.9	0.000445	0.00008	0.00019	11	1.8
23.88802	470.262605	482.690677	69.9	0.000444	0.00008	0.00014	11	1.8
24.19979	466.982381	481.448384	69.7	0.000446	0.00007	0.00019	11	1.7
23.77322	463.702156	473.924501	69.7	0.000435	0.00007	0.00014	11	1.7
22.9381	460.421931	470.747773	69.7	0.00043	0.00007	0.00013	11	1.7
23.0806	457.56849	461.017553	69.7	0.00043	0.00007	0.00015	11	1.7
22.90866	455.003146	457.419307	69.7	0.000424	0.00007	0.00013	11	1.7
22.72814	452.437803	453.256667	69.8	0.000417	0.00007	0.00014	11	1.7

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22.62484	448.132014	443.283871	70	0.000428	0.00007	0.00018	11	1.7
23.01364	447.340647	436.825319	70	0.000428	0.00007	0.00015	11	1.7
22.35554	446.549281	432	70	0.000418	0.00007	0.00016	11	1.7
22.86086	445.757914	429.858301	70	0.000425	0.00007	0.00014	11	1.7
22.64674	445.2	433.26978	70	0.000435	0.00007	0.00013	11	1.7
23.79862	445.2	421.270254	69.9	0.000447	0.00008	0.00013	11	1.7
24.06584	445.2	418.7	69.7	0.000455	0.00008	0.00007	11	1.7
23.56395	445.2	416.654	69.6	0.000438	0.00007	0.0001	11	1.8
22.70812	444.788471	428.394521	69.7	0.000416	0.00007	0.00007	11	1.8
21.93478	443.235529	411.82473	69.7	0.000404	0.00007	0.00011	11	1.7
21.70552	441.682588	408.8	69.7	0.000402	0.00007	0.00011	11	1.7
22.50163	440.129647	408.8	69.7	0.000405	0.00007	0.00012	11	1.7
21.45292	438.575848	418.989538	69.7	0.000404	0.00007	0.00014	11	1.7
21.87487	436.965699	407.183658	69.7	0.000402	0.00006	0.00014	11	1.7
21.46882	435.35555	402.539802	69.9	0.000402	0.00006	0.00018	11	1.7
21.90844	433.745401	402.2	69.9	0.000398	0.00006	0.00014	11	1.6
21.95894	432.135253	410.546269	70	0.000412	0.00006	0.00019	11	1.6
22.15735	433.45292	402.317405	70	0.000415	0.00006	0.00014	11	1.6
22.42788	435.039077	398.8	69.8	0.000418	0.00006	0.00014	11	1.6
22.69148	436.625234	398.8	69.7	0.000412	0.00006	0.00013	11	1.6
22.5569	438.211391	407.408427	69.7	0.000418	0.00006	0.00012	11	1.6
22.31878	438.6	405.127723	69.7	0.000411	0.00006	0.00014	11	1.6
22.5246	438.6	395.7	69.7	0.000422	0.00006	0.00013	11	1.6
23.36433	438.6	395.7	69.9	0.000432	0.00007	0.00015	11	1.6
23.94897	438.6	397.473816	69.9	0.00044	0.00007	0.00012	11	1.6
23.66705	438.6	407.08877	69.9	0.000435	0.00006	0.00012	11	1.5
22.84478	438.6	392.6	70	0.000414	0.00006	0.00008	11	1.5
21.8304	438.6	392.6	70	0.000402	0.00006	0.00012	11	1.5
21.88856	438.6	392.6	70	0.000402	0.00006	0.00015	11	1.5
22.2331	438.6	409.109901	70	0.000413	0.00006	0.00017	11	1.5
22.41852	438.6	391.764216	69.9	0.000416	0.00006	0.00017	11	1.5
22.17918	438.6	389.5	69.9	0.000417	0.00006	0.00012	11	1.5
22.648	438.6	389.5	70.1	0.00042	0.00006	0.00015	11	1.5
22.70686	438.903958	408.837329	70.2	0.000428	0.00006	0.00012	11	1.5
23.51071	439.695515	389.5	70.2	0.000442	0.00006	0.00016	11	1.5
23.47799	440.487071	389.5	70	0.000447	0.00006	0.00013	11	1.4
23.59658	441.278628	389.5	69.9	0.000436	0.00006	0.00012	11	1.4
23.07016	441.718542	412.467255	69.9	0.000423	0.00006	0.00014	11	1.4
22.61291	440.874552	386.4	69.9	0.000424	0.00006	0.00013	11	1.4
22.70697	440.030563	386.4	69.9	0.000419	0.00006	0.0002	11	1.4
22.75544	439.186573	386.4	69.9	0.000418	0.00006	0.00017	11	1.4
23.17234	438.839643	408.39375	69.9	0.000422	0.00006	0.0002	11	1.4
23.09454	439.625357	386.4	69.9	0.000426	0.00006	0.00019	11	1.4
22.75854	440.411071	386.4	69.9	0.000428	0.00006	0.00018	11	1.4
22.71353	441.196786	386.4	70	0.00043	0.00006	0.00017	11	1.4
23.0145	441.9	411.789918	70	0.000434	0.00006	0.00015	11	1.4
23.31587	441.9	386.4	70	0.00044	0.00006	0.00018	11	1.4
23.62154	441.9	386.4	69.9	0.000441	0.00006	0.00015	11	1.3
23.43663	441.9	386.4	69.6	0.000442	0.00005	0.00017	11	1.3
23.7989	441.9	406.478199	69.5	0.00044	0.00005	0.00015	11	1.3
23.5307	442.682621	389.197794	69.8	0.000435	0.00005	0.00017	11	1.3
23.58664	443.474748	383.3	69.9	0.000432	0.00005	0.00017	11	1.3
23.52	444.266875	383.3	69.9	0.000433	0.00005	0.00017	11	1.3
23.4903	445.059001	399.912552	69.9	0.000433	0.00005	0.00018	11	1.3
23.66081	444.532858	392.204332	69.9	0.00043	0.00006	0.00012	11	1.3
23.52496	443.721249	383.3	69.9	0.000432	0.00006	0.00014	11	1.4
23.40333	442.909641	383.3	69.9	0.000429	0.00006	0.00012	11	1.4
23.44087	442.098032	395.694591	69.9	0.000435	0.00006	0.00016	11	1.4
23.53866	441.294613	391.871209	69.9	0.000435	0.00006	0.00016	11	1.4
23.37426	440.493836	380.3	69.9	0.000432	0.00006	0.00018	11	1.4
22.66066	439.69306	380.3	69.9	0.00043	0.00006	0.00024	11	1.4
22.63325	438.892283	387.936479	69.9	0.000415	0.00006	0.00024	11	1.4

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21.78806	437.594723	395.725569	70	0.000404	0.00006	0.00025	11	1.4
21.74574	436.011609	380.3	70	0.000402	0.00006	0.00026	11	1.4
22.015	434.428496	380.3	70	0.000399	0.00005	0.00028	11	1.4
22.20826	432.845383	380.953511	70	0.000406	0.00005	0.00026	11	1.4
22.26644	432	398.395	70	0.000409	0.00006	0.00027	11	1.4
22.23102	432	380.3	70	0.000416	0.00006	0.00023	11	1.4
22.55239	432	380.3	69.7	0.000418	0.00006	0.00022	11	1.4
22.71553	432	380.3	69.6	0.000418	0.00006	0.00021	11	1.4
23.06452	432.160445	405.392182	69.6	0.000423	0.00006	0.00019	11	1.4
22.50382	432.966699	380.3	69.6	0.000418	0.00006	0.00021	11	1.4
22.39613	433.772954	380.3	69.8	0.000411	0.00006	0.00018	11	1.4
22.06343	434.579208	380.3	69.9	0.000413	0.00005	0.00022	11	1.4
22.40236	435.212111	405.734631	70.2	0.000414	0.00005	0.00021	11	1.3
21.96771	434.382965	380.3	70.3	0.00041	0.00005	0.00024	11	1.3
21.89104	433.553819	380.3	70	0.000403	0.00005	0.00025	11	1.3
22.15131	432.724673	380.3	69.9	0.000416	0.00005	0.00025	11	1.3
23.05299	432.103536	404.945127	70	0.000436	0.00005	0.00028	11	1.3
23.33859	432.925249	380.3	70	0.000436	0.00005	0.00023	11	1.3
23.45624	433.746962	380.3	70	0.000439	0.00005	0.00022	11	1.3
23.23097	434.568675	380.3	70.1	0.000435	0.00005	0.00017	11	1.3
22.6152	435.3	405.747183	70	0.000424	0.00005	0.00019	11	1.3
23.13084	435.3	380.3	69.9	0.000429	0.00005	0.00018	11	1.3
23.13816	435.3	380.3	69.9	0.000414	0.00005	0.00017	11	1.3
22.20617	435.3	380.3	69.9	0.000404	0.00005	0.00019	11	1.3
21.77989	435.213085	403.843724	69.9	0.000405	0.00005	0.00021	11	1.3
21.72178	433.661032	383.824272	69.9	0.000406	0.00005	0.00029	11	1.3
21.53966	432.108978	380.3	69.9	0.000401	0.00005	0.00028	11	1.3
21.67921	430.556925	380.3	69.9	0.0004	0.00005	0.0003	11	1.3
22.07238	429.004871	393.163381	70	0.000412	0.00005	0.0003	11	1.3
22.52009	429.452938	387.724926	70	0.000426	0.00005	0.0003	11	1.3
22.44604	430.205172	380.3	70	0.000423	0.00005	0.00026	11	1.3
22.59536	430.957405	380.3	70	0.000426	0.00005	0.00022	11	1.3
23.06184	431.709638	386.304103	70	0.000422	0.00005	0.00022	11	1.3
22.57254	432	393.843092	70.3	0.000415	0.00005	0.00018	11	1.3
22.38469	432	380.3	70.1	0.000411	0.00005	0.00022	11	1.3
22.1709	432	380.3	70	0.000414	0.00005	0.00018	11	1.3
22.85075	432	382.773856	70.2	0.000417	0.00005	0.00019	11	1.3
22.76745	432	396.779375	70.2	0.00042	0.00005	0.00014	11	1.3
22.40859	432	380.3	70	0.000422	0.00005	0.00013	11	1.3
22.13048	432	380.3	69.9	0.000406	0.00005	0.00014	11	1.3
22.70291	432	380.55887	69.9	0.000412	0.00005	0.00011	11	1.3
22.24	432	398.412585	69.9	0.000418	0.00005	0.00014	11	1.3
22.20537	432	380.3	69.9	0.000412	0.00005	0.00013	11	1.3
22.14254	432	380.3	69.9	0.000405	0.00005	0.00017	11	1.3
22.18635	432	380.3	69.9	0.00041	0.00005	0.00016	11	1.3
22.07379	432.267414	401.862807	69.9	0.000409	0.00005	0.00016	11	1.3
22.13987	433.080222	380.3	69.9	0.000416	0.00005	0.00016	11	1.3
22.52052	433.89303	380.3	69.9	0.000426	0.00005	0.00014	11	1.3
22.77338	434.705837	380.3	69.9	0.000428	0.00005	0.00015	11	1.3
22.56361	435.3	404.858391	69.9	0.000422	0.00005	0.0001	11	1.3
22.426	435.3	380.3	70	0.000419	0.00005	0.00014	11	1.3
22.16784	435.3	380.3	70	0.000423	0.00005	0.00015	11	1.3
22.57048	435.3	380.3	69.7	0.000439	0.00005	0.00018	11	1.2
23.62023	435.410285	406.582143	69.6	0.00044	0.00005	0.00015	11	1.2
22.72291	436.265207	380.3	69.7	0.000436	0.00005	0.00012	11	1.2
22.39236	437.12013	380.3	69.7	0.000426	0.00005	0.00013	11	1.2
22.51038	437.975052	380.3	69.9	0.000418	0.00005	0.00012	11	1.2
22.68299	438.6	406.3861	69.9	0.000411	0.00005	0.00016	11	1.2
22.45586	438.6	380.3	69.9	0.000415	0.00005	0.00017	11	1.2
22.32216	438.6	380.3	69.9	0.000417	0.00005	0.00023	11	1.2
22.52467	438.6	380.3	70	0.000422	0.00005	0.00022	11	1.2
22.24612	438.6	409.220923	70	0.000426	0.00005	0.00025	11	1.2
22.36253	438.6	380.586346	69.9	0.000428	0.00005	0.00027	11	1.2

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22.43065	438.6	380.3	69.9	0.000427	0.00005	0.00024	11	1.2
22.11539	438.6	380.3	69.9	0.000423	0.00005	0.00027	11	1.2
22.11087	438.6	408.198927	69.9	0.000417	0.00005	0.00026	11	1.2
22.21872	438.6	381.454455	69.9	0.000415	0.00005	0.00031	11	1.2
21.80995	438.6	380.3	69.9	0.000421	0.00005	0.00028	11	1.2
21.72449	438.6	380.3	69.9	0.000418	0.00005	0.00028	11	1.2
22.11624	438.734791	409.164216	69.9	0.000418	0.00005	0.00027	11	1.2
21.89643	439.527679	380.585784	69.9	0.000415	0.00005	0.00029	11	1.2
23.00981	440.320567	380.3	69.9	0.00043	0.00005	0.00032	11	1.2
22.23318	441.113455	380.3	69.9	0.000429	0.00005	0.0003	11	1.2
21.72715	441.906471	404.683333	69.9	0.000426	0.00005	0.00035	11	1.2
22.8205	442.715294	383.219276	69.9	0.000439	0.00005	0.00034	11	1.2
23.24763	443.524118	380.3	69.9	0.000449	0.00005	0.00034	11	1.2
22.94455	444.332941	380.3	69.9	0.000456	0.00005	0.0003	11	1.2
22.73996	445.141765	402.119027	69.9	0.000441	0.00005	0.00033	11	1.2
22.33766	444.405809	388.076479	69.9	0.000441	0.00005	0.00033	11	1.2
23.09396	443.55	380.3	69.9	0.000437	0.00005	0.00031	11	1.2
22.6937	442.694191	380.3	69.9	0.000438	0.00005	0.00031	11	1.2
22.89516	441.842636	406.614563	69.9	0.000441	0.00005	0.00027	11	1.3
23.09489	441.04592	383.621569	69.9	0.000435	0.00005	0.0003	11	1.2
22.54344	440.249203	380.3	69.9	0.000436	0.00005	0.00029	11	1.2
22.06475	439.452487	380.3	66.5	0.000426	0.00005	0.00031	11	1.3
22.16808	438.65577	399.87274	65.4	0.000423	0.00005	0.00032	11	1.3
22.32931	437.1	386.063267	65.4	0.000425	0.00005	0.00031	11	1.3
22.52047	435.487097	380.3	69	0.000422	0.00005	0.00032	11	1.3
21.99961	433.874194	380.3	70	0.000411	0.00005	0.00031	11	1.3
21.49459	432.26129	394.482863	69.9	0.000408	0.00005	0.00038	11	1.3
20.68373	427.379848	388.728791	70	0.000393	0.00005	0.00035	11	1.3
20.76998	421.86654	380.3	70	0.000385	0.00005	0.00042	11	1.3
19.87447	416.353232	380.3	70.1	0.000382	0.00005	0.00045	11	1.3
20.82328	410.839924	383.781071	70.1	0.000376	0.00005	0.00046	11	1.3
20.71597	407.205063	387.969853	70.1	0.000367	0.00005	0.00043	11	1.3
20.7297	404.673418	380.3	70.1	0.000365	0.00005	0.00041	11	1.3
21.74184	402.141772	380.3	70.1	0.000366	0.00005	0.00041	11	1.3
21.61903	399.610127	383.313752	70.1	0.000359	0.00005	0.00034	11	1.3
21.33	400.989831	384.911671	70.1	0.00036	0.00005	0.00036	11	1.3
21.73228	404.210169	380.3	70	0.000363	0.00004	0.00031	11	1.1
21.7827	407.430508	380.3	69.9	0.000375	0.00004	0.0003	11	1.1
21.5668	410.650847	382.341369	69.9	0.000395	0.00004	0.00028	11	1.1
22.09913	413.862564	388.867659	69.7	0.000404	0.00004	0.00026	11	1.1
21.95618	417.067225	377.2	69.7	0.000417	0.00005	0.00027	11	1.1
22.17665	420.271886	377.2	69.7	0.000415	0.00005	0.00022	11	1.1
21.94473	423.476548	377.2	69.7	0.000411	0.00004	0.00025	11	1.1
22.00304	425.3	394.036618	69.7	0.00041	0.00004	0.00022	11	1.1
21.97684	425.3	374.1	69.7	0.000411	0.00004	0.00027	11	1.1
22.2334	425.3	374.1	69.9	0.00041	0.00004	0.00025	11	1.1
22.1186	425.3	374.1	69.9	0.000416	0.00005	0.00023	11	1.1
22.45385	425.612802	394.4095	69.9	0.000434	0.00005	0.00023	11	1.1
23.14174	426.458213	374.1	69.9	0.000438	0.00005	0.00019	11	1.1
23.0484	427.303623	374.1	69.9	0.00043	0.00005	0.00019	11	1.1
22.82636	428.149034	374.1	69.9	0.000422	0.00005	0.00014	11	1.1
22.92474	428.99107	399.554455	69.9	0.000417	0.00005	0.00017	11	1.1
22.83415	429.821807	374.1	69.9	0.000421	0.00005	0.00014	11	1.2
22.90601	430.652544	374.1	69.9	0.000415	0.00005	0.00016	11	1.1
22.3613	431.483281	374.1	69.9	0.000421	0.00005	0.00015	11	1.1
23.02624	432.605975	397.125218	69.9	0.000436	0.00005	0.00016	11	1.1
23.34863	434.209084	374.1	69.9	0.000445	0.00005	0.00017	11	1.1
23.32953	435.812193	374.1	69.9	0.000447	0.00005	0.00011	11	1.1
23.6799	437.415302	374.1	69.9	0.000448	0.00005	0.00015	11	1.1
24.01285	439.021174	403.441427	69.9	0.000455	0.00005	0.0001	11	1.1
23.84962	440.634866	374.1	69.9	0.000456	0.00005	0.00011	11	1.1
24.39584	442.248557	374.1	69.7	0.000455	0.00005	0.00009	11	1.1
24.19605	443.862249	374.1	69.7	0.000453	0.00005	0.00006	11	1.1

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24.05327	445.2	409.297321	69.7	0.000455	0.00005	0.00007	11	1.1
24.08872	445.2	374.1	69.7	0.000457	0.00005	0.00004	11	1.1
23.62918	445.2	374.1	69.9	0.000454	0.00005	0.00009	11	1.1
24.22628	445.2	374.1	69.9	0.000448	0.00005	0.00005	11	1.1
23.86575	445.257414	403.376471	69.9	0.000443	0.00005	0.00008	11	1.1
24.58929	446.997222	379.293088	69.9	0.000452	0.00005	0.00003	11	1.1
25.33106	448.737029	374.1	69.9	0.000464	0.00005	0.00005	11	1.1
26.52459	450.476837	374.1	69.9	0.000488	0.00005	0.00002	11	1.1
27.11125	452.371525	412.499307	69.7	0.000516	0.00006	0.00002	11	1.1
27.13	454.962324	374.1	69.6	0.000519	0.00005	0.00002	11	1
27.12434	457.553123	374.1	69.7	0.000508	0.00005	0	11	1
27.14535	460.143923	374.1	69.7	0.000504	0.00005	0.00004	11	1
27.33806	462.689019	411.469472	69.7	0.000508	0.00005	0.00001	11	1
27.73713	464.400929	379.236161	69.7	0.000516	0.00005	0.00008	11	1
28.02644	466.112839	374.1	69.9	0.00052	0.00005	0.00007	11	1
28.43048	467.824749	374.1	69.9	0.00052	0.00005	0.00006	11	1
27.6816	469.536659	408.092657	69.9	0.000509	0.00005	0.00006	11	1
26.54019	465.4017	384.716308	69.8	0.000481	0.00005	0.00003	11	1
25.75471	461.042094	374.1	69.9	0.000461	0.00004	0.00008	11	1
25.02293	456.682488	374.1	69.9	0.000453	0.00004	0.00007	11	1
24.62508	452.322882	396.229498	70	0.000451	0.00004	0.00015	11	1
25.31409	451.9	382.031887	70	0.000457	0.00004	0.00013	11	1
25.9605	451.9	374.1	70	0.000461	0.00004	0.00014	11	1
25.89257	451.9	374.1	70	0.000465	0.00004	0.00013	11	1
25.04605	451.9	395.607475	70	0.000458	0.00004	0.00011	11	1
24.13699	449.815842	386.977767	70	0.000443	0.00004	0.00015	11	1
23.71481	447.340594	374.1	70	0.000432	0.00004	0.00015	11	1
22.27552	444.865347	374.1	70	0.000416	0.00004	0.00022	11	1
23.09963	442.390099	387.9657	70	0.000414	0.00004	0.00021	11	1
22.36064	441.24973	384.700651	70	0.000407	0.00004	0.0002	11	1
22.5515	440.438919	374.1	70	0.000415	0.00004	0.00019	11	1
21.91539	439.628108	374.1	70	0.000419	0.00004	0.0002	11	1
22.28244	438.817297	386.723571	70	0.000419	0.00004	0.00022	11	1
22.43838	436.788027	388.058004	70	0.00042	0.00004	0.00018	11	1
21.91585	434.312655	374.1	70	0.000407	0.00004	0.00021	11	1
21.8156	431.837282	374.1	70	0.000403	0.00004	0.00021	11	1
21.43642	429.36191	384.215159	70	0.000392	0.00004	0.00026	11	1
20.8054	426.958221	385.121238	70	0.000393	0.00004	0.00029	11	1
21.06439	424.575584	374.1	70	0.000395	0.00004	0.00035	11	1
21.45968	422.192946	374.1	70	0.000399	0.00004	0.00034	11	1
22.46521	419.810309	376.457429	70	0.000411	0.00004	0.00029	11	1.1
22.23608	418.7	389.373777	70	0.000408	0.00004	0.00028	11	1.1
21.9529	418.7	377.2	69.9	0.000404	0.00004	0.00029	11	1.1
21.35521	418.7	377.2	69.9	0.000399	0.00004	0.00038	11	1.1
21.52	418.7	377.818377	69.9	0.000398	0.00004	0.00041	11	1.1
21.54656	418.260612	389.601603	69.9	0.000396	0.00004	0.00045	11	1
21.59249	417.495129	377.2	69.9	0.00039	0.00004	0.00041	11	1
21.65259	416.729645	377.2	70	0.000389	0.00004	0.00042	11	1.1
21.6645	415.964161	377.2	70	0.000391	0.00004	0.00043	11	1.1
21.29142	415.60863	394.369382	70	0.000397	0.00004	0.00041	11	1.1
21.33615	416.401899	377.2	70	0.000404	0.00004	0.00045	11	1.1
21.97016	417.195168	377.2	70	0.000405	0.00004	0.00044	11	1
21.76857	417.988437	377.2	69.9	0.000395	0.00004	0.00041	11	1
21.55544	418.7	395.999387	69.9	0.000396	0.00004	0.00039	11	1
21.39937	418.7	377.2	69.9	0.000395	0.00004	0.00041	11	1
21.81339	418.7	377.2	69.9	0.000396	0.00004	0.00042	11	1
22.63981	418.7	377.2	69.9	0.000419	0.00004	0.00042	11	1
23.47462	419.049123	395.333954	69.9	0.00044	0.00004	0.00043	11	1
24.37267	423.766999	379.559329	69.9	0.000459	0.00005	0.00033	11	1
24.93452	428.484874	377.2	69.9	0.000464	0.00005	0.0003	11	1
25.42122	433.20275	377.2	69.7	0.000469	0.00005	0.00021	11	1
25.15318	437.920626	394.742857	69.6	0.000468	0.00005	0.00018	11	1
24.39367	437.923239	386.867621	69.7	0.000457	0.00005	0.00015	11	1

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24.069	437.132631	375.126228	69.7	0.000442	0.00005	0.00017	11	1
23.48121	436.342022	374.1	69.7	0.000433	0.00005	0.00023	11	1
23.68387	435.551414	381.531429	69.9	0.00043	0.00004	0.00024	11	1
23.73756	435.3	389.01	69.9	0.000428	0.00004	0.00031	11	1
23.39693	435.3	374.1	70	0.000425	0.00004	0.00025	11	1
23.17914	435.3	374.1	70	0.000424	0.00005	0.00028	11	1.1
23.21447	435.3	377.672152	70	0.000423	0.00004	0.00025	11	1
23.77743	436.619834	393.440653	70	0.000441	0.00004	0.00026	11	1
24.03467	439.114793	374.1	70	0.000451	0.00005	0.00024	11	1.1
24.48308	441.609753	374.1	70	0.000457	0.00005	0.00022	11	1.1
25.61638	444.104713	380.001012	70	0.000473	0.00005	0.00021	11	1.1
25.79856	445.670949	395.340095	69.9	0.000481	0.00005	0.00013	11	1.1
25.24185	446.51043	374.1	69.9	0.000471	0.00005	0.00015	11	1.1
24.93139	447.349911	374.1	69.9	0.00046	0.00005	0.00012	11	1.1
24.82147	448.189392	384.109431	69.9	0.000457	0.00005	0.00015	11	1.1
25.10576	447.483871	393.895846	69.9	0.000454	0.00005	0.00015	11	1.1
24.48285	445.870968	374.1	69.9	0.000469	0.00005	0.00014	11	1.1
28.9883	444.258065	374.1	69.9	0.000597	0.00007	0.0002	11	1.1
26.07605	442.645161	378.809629	69.9	0.000491	0.00006	0.0001	11	1.1
22.75928	439.740193	395.582174	70	0.000428	0.00005	0.00089	11	1.2
18.22497	435.725683	374.1	70	0.000373	0.00005	0.00207	11	1.2
30.68564	431.711173	374.1	69.6	0.000392	0.00006	0.00183	11	1.2
31.52448	427.696663	374.1	69.5	0.000362	0.00006	0.00066	11	1.2
29.01086	406.376854	394.132621	68.9	0.000285	0.00006	0.00013	11	1.3
28.25395	359.421156	374.694269	68.7	0.000173	0.00007	0	11	1.3
32.30361	312.465458	377.2	67.4	0.00009	0.00007	0	11	1.3
31.86456	265.509761	377.2	67	0.00005	0.00007	0	11	1.2
31.45279	231.643466	301.616798	65.6	0.00003	0.00007	0	11	1.2
30.87313	256.607563	374.093529	65.1	0.000018	0.00005	0	11	1.2
24.99848	281.571661	370.858235	63.8	0.000057	0.00005	0	11	1.2
30.17781	306.535759	366.809661	63.4	0.000255	0.00006	0	11	1.2
27.67202	331.574545	351.352251	63.4	0.000418	0.00007	0	11	1.3
24.29846	375.210909	357.163793	63.4	0.000387	0.00008	0	11	1.7
20.01322	418.847273	355.76699	63.7	0.000373	0.00007	0.00029	11	1.7
23.82956	462.483636	354.555337	63.8	0.00054	0.00008	0.01419	11	1.7
48.34135	506.12	405.715417	63.9	0.001171	0.00015	0.06178	11	1.6
57.61741	522.809323	367.398698	63.9	0.0014	0.00018	0.0392	11	1.6
60.68734	537.594465	354.774535	65.2	0.001333	0.00019	0.01105	11	1.6
57.93473	552.379607	358.557549	65.7	0.000862	0.00013	0.00182	11	1.6
24.79165	567.164749	416.661268	68.3	0.000561	0.00009	0.0002	11	1.6
24.81391	545.785693	402.882359	69.2	0.000474	0.00008	0.00002	11	1.6
22.16932	516.197587	376.289318	69.2	0.000383	0.00007	0	11	1.6
20.24779	486.609481	380.022927	69.9	0.000348	0.00006	0.00006	11	1.6
20.23992	457.021375	393.481622	70.2	0.00035	0.00006	0.00016	11	1.6
19.77081	441.44046	394.926024	70.2	0.000344	0.00006	0.00022	11.5	1.6
20.36583	431.525375	385.435421	70.2	0.00034	0.00006	0.00019	11.5	1.5
21.03893	421.61029	386.4	70.2	0.000338	0.00005	0.00015	11	1.5
21.45762	411.695205	390.408743	70	0.000344	0.00005	0.00011	11	1.4
21.82148	411.600767	391.820058	70	0.000354	0.00005	0.00008	11	1.4
22.43165	415.556653	386.4	69.8	0.000378	0.00006	0.00007	11.5	1.4
23.006	419.512539	386.4	69.7	0.00041	0.00006	0.00003	12	1.4
24.32977	423.468425	388.731805	69.6	0.000439	0.00006	0.00002	12	1.4
25.73012	428.894414	396.83	69.6	0.000468	0.00006	0	12	1.4
26.13376	435.587921	383.3	69.4	0.000487	0.00006	0	12	1.4
26.43736	442.281429	383.3	69.4	0.000492	0.00007	0	12	1.4
27.11	448.974937	382.389274	69.4	0.000499	0.00007	0	12	1.4
27.15825	452.89207	401.95549	69.5	0.000498	0.00007	0	12	1.4
27.12786	454.654185	380.3	69.3	0.000496	0.00007	0	12	1.4
26.93952	456.4163	378.222727	69.3	0.000488	0.00007	0	12	1.4
26.98564	458.178414	378.005197	69.3	0.000487	0.00007	0	12	1.4
26.29031	458.703632	405.989823	69.5	0.000494	0.00007	0	12	1.4
26.27474	457.872673	376.323512	69.6	0.00049	0.00007	0	12	1.4
26.29012	457.041714	374.1	69.6	0.000479	0.00006	0	12	1.4

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25.65358	456.210755	374.1	69.6	0.000464	0.00006	0	12	1.4
25.43199	455.146627	410.605208	69.6	0.000462	0.00006	0	12	1.4
24.75894	453.435783	374.1	69.6	0.000455	0.00006	0	12	1.4
24.90235	451.72494	374.1	69.6	0.000451	0.00006	0	12	1.4
24.92963	450.014096	374.1	69.6	0.000449	0.00006	0	12	1.4
24.36071	448.304683	409.090099	69.6	0.000447	0.00006	0	12	1.4
24.16918	446.606279	374.1	69.6	0.000439	0.00006	0	12	1.4
23.65697	444.907874	373.228049	69.6	0.000434	0.00006	0	12	1.4
23.2148	443.20947	370.8	69.7	0.00043	0.00006	0	11.5	1.4
23.02388	441.9	403.963251	69.7	0.000423	0.00006	0.00004	11	1.4
23.28522	441.9	370.8	69.8	0.000419	0.00006	0.00001	11	1.4
23.65298	441.9	370.8	69.9	0.00043	0.00006	0.00004	11	1.4
24.10906	441.9	370.8	69.9	0.000437	0.00006	0	11.5	1.4
23.265	441.518142	403.642433	69.9	0.000422	0.00006	0.00002	12	1.4
22.63849	439.900098	370.8	69.9	0.000403	0.00006	0	11.5	1.4
21.59051	438.282054	370.8	69.9	0.000395	0.00006	0.00006	11	1.4
21.89864	436.664011	370.8	69.7	0.000401	0.00006	0.00007	11	1.4
21.31784	435.176023	404.511928	69.7	0.000402	0.00006	0.00009	11	1.4
21.84554	434.38636	374.524158	69.7	0.000409	0.00006	0.00012	11	1.4
22.48894	433.596698	374.1	69.7	0.000413	0.00006	0.0001	11	1.4
22.37587	432.807035	374.1	69.7	0.000426	0.00006	0.00014	11	1.4
22.76798	432.017373	394.149366	69.7	0.000438	0.00006	0.0001	11	1.3
23.43432	434.327452	380.151374	69	0.000451	0.00006	0.0001	11	1.4
24.24896	436.70726	374.1	68.8	0.000459	0.00006	0.00007	11	1.4
24.8442	439.087067	374.1	69.3	0.000466	0.00006	0.00002	11	1.4
25.48384	441.466875	391.309318	69.5	0.000477	0.00006	0.00001	11	1.4
25.14918	442.557749	384.923709	69.5	0.000481	0.00006	0	11	1.4
25.1872	443.361842	374.1	69.5	0.000481	0.00006	0	11	1.4
25.13299	444.165936	374.1	69.6	0.000466	0.00006	0	11	1.4
24.78468	444.970029	387.776875	69.6	0.000457	0.00006	0	11	1.4
24.52544	445.2	388.173482	69.6	0.000451	0.00006	0	11	1.4
24.64545	445.2	374.1	69.6	0.000453	0.00006	0	11	1.4
24.66079	445.2	374.1	69.7	0.000454	0.00006	0	11	1.4
25.38677	445.2	392.846624	69.7	0.000464	0.00006	0	11	1.4
25.02129	445.2	384.995481	69.7	0.000463	0.00006	0	11	1.4
24.87422	445.2	374.1	69.7	0.000455	0.00006	0	11	1.4
25.144	445.2	374.1	69.7	0.000453	0.00006	0	11	1.4
24.42308	445.2	383.028082	69.7	0.000448	0.00006	0	11	1.4
24.18775	445.2	392.116602	69.7	0.000444	0.00006	0	11	1.4
24.27184	445.2	374.1	69.7	0.000442	0.00006	0	11	1.4
24.68418	445.2	374.1	69.7	0.000448	0.00006	0	11	1.4
23.98204	445.2	374.351414	69.7	0.000451	0.00006	0	11	1.4
24.34018	443.747399	399.354665	69.7	0.000445	0.00006	0	11	1.4
23.62343	440.58269	373.222826	69.7	0.00043	0.00006	0.00001	11	1.4
22.646	437.417981	371.929294	69.7	0.000408	0.00005	0	11	1.4
21.9571	434.253273	371.897098	69.7	0.000392	0.00005	0.00011	11	1.4
21.72018	432	398.532899	69.9	0.000394	0.00005	0.00013	11	1.4
22.35937	432	371.471624	69.9	0.000399	0.00005	0.00015	11	1.4
22.19196	432	374.1	69.9	0.000415	0.00005	0.00014	11	1.4
22.76643	432	374.1	69.9	0.000423	0.00006	0.00013	11	1.4
22.85177	432.150218	402.258398	69.8	0.000426	0.00006	0.00015	11	1.4
22.75106	432.949249	374.1	69.7	0.000431	0.00006	0.0001	11	1.4
22.96763	433.748281	374.1	69.7	0.000424	0.00006	0.00012	11	1.4
23.43452	434.547312	374.1	69.7	0.000433	0.00006	0.00009	11	1.4
24.30837	435.391339	399.969359	69.7	0.000448	0.00006	0.00014	11	1.4
23.91568	436.966142	377.792582	69.7	0.000453	0.00006	0.0001	11	1.3
24.10352	438.540945	374.1	69.6	0.000455	0.00006	0.00012	11	1.4
24.16939	440.115748	374.1	69.6	0.000454	0.00006	0.00014	11	1.4
23.61683	441.690551	394.108112	69.6	0.000443	0.00006	0.00014	11	1.4
23.046	440.511117	384.222917	69.6	0.000435	0.00006	0.00017	11	1.4
22.94593	438.909175	374.1	69.6	0.000429	0.00006	0.00018	11	1.4
23.01939	437.307233	374.1	69.6	0.000423	0.00006	0.00021	11	1.3
23.12386	435.705291	386.663948	69.7	0.000422	0.00005	0.00019	11	1.3

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10:06:53.434	70.1	1920
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23.03803	435.916429	387.214286	69.7	0.000417	0.00005	0.00021	11	1.3
22.55664	436.741635	374.1	69.7	0.000424	0.00006	0.00024	11	1.4
22.62942	437.566842	374.1	69.7	0.000429	0.00006	0.00027	11	1.4
23.08	438.392048	387.387554	69.7	0.000437	0.00006	0.00029	11	1.4
23.35446	439.76599	387.542822	69.7	0.000448	0.00006	0.00027	11	1.4
24.03109	441.324799	374.1	69.7	0.000461	0.00006	0.00029	11	1.4
24.65601	442.883609	374.1	69.7	0.000465	0.00006	0.00023	11	1.4
25.73847	444.442419	379.745079	69.6	0.000475	0.00006	0.00021	11	1.4
25.69282	445.2	395.941676	69.6	0.000487	0.00006	0.00018	11	1.3
25.62744	445.2	374.1	69.6	0.000483	0.00006	0.00015	11	1.3
25.42671	445.2	374.1	69.6	0.000477	0.00006	0.00018	11	1.3
24.7945	445.2	375.757476	69.6	0.00047	0.00006	0.00017	11	1.3
24.98595	445.648421	395.450932	69.6	0.00047	0.00006	0.0002	11	1.3
25.8569	446.437895	374.1	69.6	0.000474	0.00006	0.00016	11	1.3
26.15338	447.227368	374.1	69.6	0.000483	0.00006	0.00022	11	1.3
26.20168	448.016842	374.1	69.7	0.000483	0.00006	0.00016	11	1.3
25.64923	448.182912	402.040435	69.7	0.00048	0.00006	0.00015	11	1.3
25.12693	447.365676	374.1	69.7	0.000467	0.00006	0.00015	11	1.3
24.53972	446.54844	374.1	69.7	0.000456	0.00006	0.00014	11	1.3
24.60177	445.731204	374.1	69.7	0.000449	0.00006	0.00018	11	1.3
24.64584	444.920745	402.990981	69.7	0.000445	0.00006	0.00019	11	1.2
24.14661	444.122872	374.1	69.7	0.000439	0.00005	0.00022	11	1.2
23.76603	443.325	374.1	69.7	0.000441	0.00005	0.00021	11	1.2
23.64675	442.527128	374.1	69.7	0.00044	0.00005	0.00025	11	1.2
23.69505	441.725371	405.824777	69.7	0.000434	0.00005	0.00026	11	1.2
23.74587	440.909347	370.975532	69.7	0.000435	0.00005	0.00025	11	1.2
23.77741	440.093323	373.610121	69.7	0.000435	0.00005	0.00025	11	1.2
24.09032	439.2773	370.8	69.7	0.000434	0.00005	0.00022	11	1.2
24.13347	438.6	404.466896	69.7	0.000436	0.00005	0.00021	11	1.2
23.61965	438.6	371.166306	69.7	0.000432	0.00005	0.00016	11	1.2
23.29822	438.6	370.8	69.7	0.00043	0.00005	0.00019	11	1.2
23.28621	438.6	370.8	69.7	0.000427	0.00005	0.00014	11	1.2
23.3641	438.6	399.953041	69.7	0.000426	0.00005	0.00013	11	1.2
23.203	438.6	374.784329	69.7	0.000425	0.00005	0.00013	11	1.2
22.78443	438.6	370.8	69.7	0.000419	0.00005	0.00012	11	1.2
22.84423	438.6	371.647297	69.7	0.000421	0.00005	0.00016	11	1.2
23.75949	438.6	397.545073	69.7	0.000434	0.00005	0.00011	11	1.2
23.74616	440.216093	374.618475	69.7	0.000445	0.00005	0.00015	11	1.2
24.08528	441.850161	373.740594	69.7	0.000449	0.00005	0.00011	11	1.2
23.98054	443.484229	374.1	69.7	0.000455	0.00005	0.00017	11	1.2
24.39118	445.118297	398.863462	69.6	0.000453	0.00005	0.00017	11	1.2
25.10237	445.2	382.139823	69.6	0.000457	0.00005	0.00016	11	1.2
24.64279	445.2	374.1	69.6	0.000458	0.00005	0.00017	11	1.2
24.35592	445.2	374.1	69.7	0.000449	0.00005	0.00014	11	1.2
23.49	445.2	392.967961	69.7	0.000439	0.00005	0.0002	11	1.1
24.54727	446.56924	384.659406	69.7	0.00045	0.00005	0.00018	11	1.1
25.71747	448.141272	374.1	69.7	0.000473	0.00005	0.00021	11	1.2
25.88523	449.713304	374.1	69.6	0.000487	0.00005	0.00014	11	1.1
25.98117	451.285336	383.230694	69.5	0.000481	0.00006	0.00013	11	1.2
24.25635	449.326979	393.973747	69.6	0.000456	0.00005	0.00013	11	1.2
23.22603	445.101985	374.1	69.6	0.00042	0.00005	0.00016	11	1.2
22.21313	440.876992	374.1	69.7	0.000402	0.00005	0.00023	11	1.2
22.15073	436.651998	383.871429	69.7	0.000403	0.00005	0.00026	11	1.2
22.3436	435.3	387.716959	69.9	0.000409	0.00005	0.00028	11	1.2
22.64844	435.3	372.378824	69.9	0.000412	0.00005	0.00026	11	1.2
23.03686	435.3	374.1	69.9	0.000422	0.00005	0.00025	11	1.2
23.64467	435.3	376.994019	69.9	0.00043	0.00005	0.00025	11	1.2
23.33814	435.3	393.10456	69.9	0.000434	0.00005	0.00023	11	1.2
23.22689	435.3	374.1	69.9	0.000435	0.00005	0.00021	11	1.2
23.31256	435.3	374.1	69.8	0.000435	0.00005	0.0002	11	1.2
23.5231	435.3	374.1	69.7	0.00043	0.00005	0.00024	11	1.2
23.42426	435.3	396.227157	69.7	0.000422	0.00005	0.0002	11	1.2
22.71651	435.3	374.1	69.7	0.000416	0.00005	0.00022	11	1.2

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22.78975	435.3	374.1	69.7	0.00042	0.00005	0.00023	11	1.2
22.38587	435.3	374.1	69.7	0.000415	0.00005	0.00025	11	1.2
22.6128	435.051613	399.985465	69.7	0.000411	0.00005	0.00025	11	1.2
22.15881	434.263082	374.1	69.7	0.000412	0.00005	0.00026	11	1.2
22.92226	433.474552	374.1	69.7	0.000423	0.00005	0.00029	11	1.2
22.65166	432.686022	374.1	69.7	0.000421	0.00005	0.00026	11	1.2
22.7674	432.21716	401.807511	72	0.000417	0.00005	0.00029	11	1.2
22.58149	433.887623	375.546082	72.8	0.000425	0.00005	0.00026	11	1.2
23.40749	435.558087	374.1	70.3	0.000439	0.00005	0.00029	11	1.2
23.87545	437.22855	374.1	69.4	0.000453	0.00005	0.00029	11	1.2
23.70563	438.883718	406.031009	69.5	0.000452	0.00005	0.00027	11	1.2
24.41843	440.468732	374.131899	69.6	0.000456	0.00005	0.00027	11	1.2
24.60387	442.053746	374.1	69.6	0.000463	0.00005	0.00023	11	1.2
24.60441	443.638761	374.1	69.6	0.000465	0.00005	0.00024	11	1.2
24.97378	445.212298	402.24375	69.6	0.000466	0.00005	0.00018	11	1.2
24.64017	446.032174	376.804891	69.6	0.000462	0.00005	0.00018	11	1.2
25.01738	446.85205	374.1	69.6	0.000464	0.00005	0.00013	11	1.2
25.2969	447.671925	374.1	69.6	0.000473	0.00006	0.00011	11	1.2
25.298	448.491801	401.289172	69.6	0.000472	0.00006	0.00011	11	1.3
25.50781	447.706654	381.604323	69.6	0.000471	0.00006	0.00007	11	1.2
25.11768	446.905294	374.1	69.6	0.000465	0.00006	0.0001	11	1.3
24.84889	446.103934	374.1	69.6	0.000462	0.00006	0.00008	11	1.3
24.39968	445.302574	393.048551	69.6	0.000456	0.00006	0.00011	11	1.3
24.13587	444.505598	384.634638	69.6	0.000445	0.00006	0.0001	11	1.3
24.16063	443.709266	374.1	69.7	0.000437	0.00006	0.00014	11	1.3
24.02607	442.912934	374.1	69.7	0.000434	0.00005	0.00013	11	1.3
23.62208	442.116602	387.157061	69.7	0.000434	0.00005	0.00015	11	1.3
23.40845	440.648098	388.882953	69.7	0.000436	0.00005	0.00018	11	1.3
22.71316	438.928452	374.1	69.8	0.000428	0.00005	0.00014	11	1.3
22.66866	437.208807	374.1	69.9	0.000409	0.00005	0.00017	11	1.3
22.56906	435.489161	391.374194	69.9	0.000406	0.00005	0.00017	11	1.3
22.55724	435.3	382.8	69.9	0.000414	0.00005	0.00024	11	1.3
22.65451	435.3	374.1	69.9	0.000424	0.00005	0.00023	11	1.3
22.71976	435.3	374.1	69.9	0.00042	0.00005	0.00021	11.5	1.3
22.71926	435.3	386.871795	69.9	0.000429	0.00006	0.00022	11.5	1.3
22.97131	435.909756	386.794455	69.7	0.00043	0.00006	0.00019	11.5	1.4
22.6522	436.722764	374.1	69.7	0.000429	0.00006	0.0002	11.5	1.4
22.86737	437.535772	374.1	69.7	0.000434	0.00006	0.0002	11	1.4
23.4901	438.34878	382.277496	69.7	0.000438	0.00006	0.00027	11	1.4
23.26202	438.6	388.1621	69.7	0.000436	0.00006	0.0002	11	1.4
23.00108	438.6	374.1	69.7	0.000435	0.00006	0.00022	11	1.3
23.50301	438.6	374.1	69.7	0.000446	0.00006	0.00024	11	1.3
23.27	438.6	377.227583	69.7	0.000445	0.00006	0.00023	11	1.3
23.20647	438.6	389.380451	69.7	0.000448	0.00006	0.00025	11	1.3
23.43196	438.6	374.1	69.7	0.000449	0.00006	0.00019	11	1.4
23.76187	438.6	374.1	69.7	0.000445	0.00006	0.00022	11	1.4
23.75442	438.6	381.759375	69.6	0.000443	0.00006	0.00015	11	1.4
24.34714	439.592935	390.710484	69.6	0.000449	0.00006	0.00019	11	1.4
24.8531	441.22337	374.1	69.6	0.000454	0.00006	0.00017	11	1.4
24.70864	442.853804	374.1	69.6	0.000461	0.00006	0.00019	11	1.4
24.9071	444.484239	379.992534	69.6	0.000468	0.00006	0.00022	11	1.4
24.98359	445.2	396.0225	69.6	0.00047	0.00007	0.00017	11	1.4
25.13241	445.2	374.1	69.6	0.000468	0.00007	0.00016	11	1.4
24.67287	445.2	374.1	69.6	0.000461	0.00007	0.00014	11	1.4
23.73757	445.2	374.1	69.7	0.000452	0.00006	0.00019	11	1.4
24.75959	445.2	398.810735	69.7	0.000449	0.00006	0.00018	11.5	1.4
24.55794	445.2	374.1	69.7	0.000448	0.00006	0.0002	11.5	1.4
24.35678	445.2	374.1	69.7	0.000447	0.00006	0.00019	11	1.4
24.27222	445.2	374.1	69.7	0.000451	0.00006	0.00021	11	1.4
24.02562	444.727188	404.642419	69.7	0.000451	0.00006	0.00024	11.5	1.4
23.93711	443.113496	374.1	69.7	0.000444	0.00006	0.00022	11.5	1.4
23.43	441.499804	374.1	69.7	0.000432	0.00006	0.00024	11	1.4
23.03746	439.886112	374.1	69.7	0.000426	0.00006	0.00022	11.5	1.4

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23.20627	435.089585	404.921203	69.7	0.000418	0.00006	0.00023	11.5	1.4
22.42162	417.796902	374.1	69.9	0.000402	0.00006	0.00022	11.5	1.4
21.64747	400.50422	374.1	69.9	0.000404	0.00006	0.00025	12	1.4
18.07136	383.211537	374.1	69.9	0.000307	0.00004	0.00021	12	1.4
13.85315	363.785012	371.269231	69.9	0.00034	0.00006	0.00032	12	1.5
32.59345	325.77542	374.1	68.9	0.000326	0.00009	0.00034	12	1.5
32.26607	287.765827	374.1	68.5	0.000153	0.00009	0.0001	12	1.5
31.46286	249.756235	370.8	66.8	0.000082	0.00008	0.00006	12	1.4
30.86989	211.746643	314.370752	66.3	0.000045	0.00007	0.00002	12	1.3
29.51688	198.400358	346.691206	64.2	0.000028	0.00007	0.00002	12	1.3
28.8675	186.825179	362.087021	63.4	0.000022	0.00007	0.00001	12	1.3
28.01276	175.25	358.147736	60.9	0.000022	0.00006	0.00001	12	1.2
27.74651	163.674821	314.610734	60.1	0.000021	0.00006	0.00003	12	1.2
27.37581	157.458137	309.932245	58.3	0.000021	0.00006	0	12	1.2
26.6198	153.094929	345.71276	57.7	0.00002	0.00006	0	12	1.2
25.0842	148.731722	338.848064	55.8	0.000019	0.00006	0	12	1.3
24.09823	144.368514	329.879831	55.2	0.000018	0.00005	0	12	1.3
22.50609	140.860291	268.921136	51.7	0.000017	0.00005	0	12	1.3
20.74988	138.196852	324.481551	50.6	0.000015	0.00005	0	12	1.3
19.07221	135.533414	321.272895	46	0.000014	0.00004	0	12	1.2
17.85548	132.869976	317.487532	44.4	0.000013	0.00004	0	12	1.2
13.95988	133.162236	240.948788	40.9	0.000007	0.00002	0	12	1.2
6.37281	138.422922	310.474554	39.7	0.000005	0.00001	0	12	1.2
7.86562	143.683607	307.383979	34.4	0.000006	0.00002	0	12	1.3
9.01171	148.944293	303.382105	32.7	0.000007	0.00002	0	12	1.3
0.80915	154.036514	232.660563	24.9	0.000002	0.00001	0	11.5	1.3
11.18973	157.832291	302.1	22.3	0.000001	0	0	11.5	1.3
0.69888	161.628067	301.349409	22.3	0	0	0	12	1.3
0.68539	165.423844	299.3	15.5	0	0	0	12	1.3
0.65617	168.921357	246.622723	7.5	0	0	0	12	1.3
0.55	171.919636	299.3	5.6	0	0	0	12	1.3
0.5673	174.917916	298.676368	2.6	0	0	0	12	1.3
0.56774	177.916196	296.6	1.6	0	0	0	12	1.3
0.89464	186.711313	246.760911	0.4	0.000001	0	0	12	1.3
10.92056	208.715618	296.06442	0	0.000039	0.00005	0	12	1.3
32.61697	230.719923	293.146316	0	0.000172	0.00007	0	12	1.3
27.41261	252.724229	289.593684	0	0.000279	0.00009	0	12	1.3
37.78614	275.980557	279.354066	1.1	0.000559	0.00011	0	12	1.2
63.47259	308.081823	283	1.4	0.001056	0.00019	0	12	1.3
46.1205	340.183089	283	1.4	0.000433	0.00009	0	12	1.5
27.31464	372.284354	283	8	0.000395	0.00009	0	12	1.6
35.70915	400.58133	340.351837	14	0.000502	0.0001	0	12	1.6
41.32027	410.81886	285.70802	15.3	0.000829	0.00013	0.00005	12	1.6
52.40137	421.05639	288.381287	19.3	0.001222	0.00019	0.00028	12	1.7
48.40538	431.293919	292.975337	20.6	0.001036	0.00017	0.00082	12	1.7
33.74596	441.531449	349.670799	26.2	0.000588	0.0001	0.00067	12	1.7
35.59832	412.054305	322.335149	28	0.000647	0.00011	0.00057	12	1.6
19.3499	381.09404	312.578452	30.5	0.000369	0.00006	0.00004	12	1.6
14.71697	350.133775	316.916111	31.4	0.000263	0.00005	0.00026	12	1.6
15.86553	319.17351	318.62166	31.9	0.000165	0.00004	0.0002	11.5	1.6
11.0087	301.518895	321.770265	32.1	0.000063	0.00002	0.00003	11	1.4
6.81197	288.636959	325.6	27.5	0.000038	0.00002	0	11	1.1
6.83629	275.755023	325.6	25.9	0.000026	0.00001	0	11	1
6.70677	262.873087	316.822316	20.1	0.000022	0.00001	0	11.5	1
6.81368	254.963793	310.089706	18.2	0.000024	0.00001	0	12	1
6.7861	249.791379	328.5	12.5	0.000031	0.00001	0	11.5	1
6.74767	244.618966	330.841448	10.6	0.000036	0.00001	0	11.5	1
7.01251	239.446552	322.507616	7	0.000046	0.00001	0	11.5	1
9.36339	250.701658	306.132407	5.8	0.000068	0.00002	0	11	1
17.63369	273.610475	331.4	6	0.000118	0.00003	0	11.5	1
27.30304	296.519292	331.4	6.1	0.000322	0.00005	0	11.5	1
51.73348	319.428109	331.247854	9.5	0.000696	0.00009	0	11.5	1.1
71.3072	341.364608	329.270118	10.6	0.000919	0.00013	0.00009	11.5	1.1

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45.42071	362.663627	327.064216	16.6	0.000391	0.00007	0.0002	11	1.1
56.84487	383.962647	325.6	18.6	0.000759	0.00013	0.00069	11	1.1
91.18052	405.261667	330.286319	21.6	0.001612	0.00022	0.00071	11	1.2
70.03792	429.671102	353.120891	22.6	0.001245	0.00029	0	11	2.1
46.30893	456.906029	328.26333	31.4	0.000537	0.00046	0	11	5.8
78.93748	484.140956	331.4	34.3	0.001272	0.00105	0	11	6.7
91.87544	511.375884	354.534984	34.3	0.001673	0.00135	0	11	7.5
86.60835	516.081346	385.957749	38	0.001239	0.00183	0	11	13.4
44.83087	509.988661	347.61158	46.5	0.000351	0.00089	0	11.5	20.1
42.99755	503.895977	354.207383	48.9	0.000635	0.00204	0	12	21.6
86.04	497.803293	355.4	51.5	0.00115	0.00244	0.00003	12	19
56.67682	498.551042	407.99883	52.4	0.000852	0.00145	0	11.5	16.5
53.31265	508.553494	363.479628	55.7	0.000933	0.00151	0	11	15.9
46.55707	518.555945	368.944079	56.8	0.000842	0.00131	0	11	15.3
49.27577	528.558397	373.562673	58.6	0.000813	0.00114	0	11.5	13.7
43.69634	526.248462	440.374308	59.2	0.000812	0.00099	0	12	11.5
53.60881	500.665983	377.735119	60.5	0.000726	0.00072	0	11.5	9
27.98686	475.083504	380.3	60.9	0.000346	0.00031	0.00001	11	7.5
33.47541	449.501025	380.3	61.7	0.000487	0.00036	0.00005	11.5	6.2
32.17952	426.718808	399.572541	62	0.000476	0.00026	0.00001	12	4.7
19.54674	452.993037	383.249029	61.9	0.00045	0.0002	0.00007	11.5	4.2
42.31817	479.267265	380.3	61.9	0.000729	0.00028	0.00014	11.5	3.8
39.97478	505.541493	380.3	62.3	0.000769	0.00024	0.00001	11.5	3.3
32.93123	531.815721	425.9875	62.4	0.000678	0.0002	0	11	3.2
34.27605	514.35772	404.202941	63.8	0.000642	0.00018	0	11	3
21.46707	490.652257	380.3	64.2	0.000433	0.00012	0	11	2.9
17.78471	466.946793	380.3	64.2	0.000315	0.0001	0	11	2.9
22.8674	443.24133	388.07507	65	0.000375	0.00012	0.00002	11	2.7
38.58902	453.58392	394.581467	64.7	0.000651	0.00017	0	11	2.5
45.11631	481.078536	380.3	64.6	0.000827	0.00019	0	11	2.4
60.31805	508.573151	380.3	65.6	0.00111	0.00025	0	11	2.3
52.27426	536.067767	383.088512	65.9	0.001107	0.00025	0.00023	11	2.3
48.606	561.977079	437.835307	67.6	0.001024	0.00022	0.00591	11.5	2.3
39.46352	586.209752	384.54246	68.2	0.000934	0.00022	0.03305	12	2.8
35.65935	610.442426	388.034621	69.7	0.000951	0.00043	0.07008	12	6
33.88721	634.675099	392.534143	70.2	0.000695	0.00097	0.05091	12	18.5
22.17849	627.388943	491.303039	70.8	0.00043	0.00108	0.01868	12	30.5
22.95994	580.951597	410.522866	71	0.000351	0.00118	0.00763	12	34.5
21.46604	534.514251	416.614754	70.6	0.000358	0.0013	0.00332	11.5	30.6
27.62764	488.076904	423.82345	70.4	0.000406	0.00109	0.00124	11.5	22
23.42856	471.501565	443.501988	70	0.00036	0.00066	0.00043	12	14.8
25.28338	504.48445	435.866732	69.9	0.000428	0.00048	0.00127	12	10.5
29.48445	537.467335	439.370659	69.6	0.000598	0.00044	0.03258	12	8.3
28.22741	570.45022	444.07035	69.5	0.000682	0.00039	0.04751	11.5	7.1
26.81447	598.658228	513.224332	69.4	0.000687	0.00033	0.04325	11.5	6.3
26.25302	614.945741	452.284887	69.4	0.00066	0.00029	0.041	12	5.7
25.78082	631.233253	456.011486	69.5	0.000642	0.00027	0.03963	12	5.5
25.7394	647.520765	461.027778	69.5	0.000631	0.00025	0.03806	12	5.2
25.01526	661.94907	563.27875	69.5	0.000616	0.00023	0.03653	12	4.9
24.90395	666.16381	470.811188	69.5	0.000623	0.00023	0.03648	12	4.8
25.71083	670.37855	473.016914	69.6	0.000622	0.00023	0.03622	12	4.7
25.18163	674.593289	477.851837	69.6	0.00062	0.00022	0.0364	12	4.7
25.53034	678.808029	545.848405	69.6	0.000615	0.00022	0.03588	12	4.7
25.18832	674.210829	507.874102	69.6	0.000613	0.00022	0.03551	11.5	4.6
25.62951	668.710089	493.949619	69.5	0.000618	0.00022	0.03753	11.5	4.6
27.66779	663.209349	498.56288	69.5	0.000633	0.00022	0.03899	12	4.5
31.14302	657.708609	546.400693	69.3	0.000667	0.00024	0.02332	12	4.6
29.31755	630.608761	534.496432	69.3	0.000682	0.00026	0.00858	12	4.8
29.19339	599.786675	515.225882	69.5	0.00068	0.00026	0.00275	11.5	4.7
27.85535	568.964589	520.117533	69.6	0.000635	0.00024	0.00094	11.5	4.5
27.36516	538.142503	522.282382	70	0.000562	0.00022	0.00032	12	4.4
26.14846	522.860158	519.485181	70.2	0.000487	0.00021	0.00016	12	4.4
24.73168	512.012032	513.849012	70.3	0.00045	0.00019	0.00006	12	4.2

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24.46793	501.163905	509.262517	70.4	0.00044	0.00019	0.00003	12	4.3
24.3267	490.315779	498.523301	70.5	0.000433	0.00019	0.00001	12	4.3
24.71062	486.071512	492.361275	70.5	0.000436	0.00018	0.00004	12	4.2
25.62526	484.370005	488.768584	70.4	0.00045	0.00018	0.00002	12	4.1
26.10632	482.668498	481.559811	70.4	0.000455	0.00018	0	12	4.1
25.51757	480.966991	473.492966	70.4	0.000453	0.00018	0	12	4
24.99744	479.225215	469.277463	70.4	0.00045	0.00017	0	12	3.9
24.89838	477.457476	460.898134	70.5	0.000451	0.00017	0	12	3.8
24.92104	475.689737	454.477658	70.5	0.000448	0.00017	0	11.5	3.8
24.61899	473.921999	449.79	70.4	0.000444	0.00017	0	11.5	3.8
24.59108	472.178947	451.492385	70.4	0.000441	0.00016	0	12	3.8
24.35222	470.457354	438.487097	70.4	0.000438	0.00016	0	12	3.8
24.42068	468.73576	433.049596	70.4	0.000432	0.00016	0	12	3.7
23.72778	467.014166	432.6	70.4	0.00043	0.00016	0	12	3.7
23.65588	465.310817	440.783284	70.4	0.000413	0.00015	0	12	3.7
23.52559	463.628125	424.374194	70.4	0.000411	0.00015	0	12	3.7
23.41165	461.945433	420.81791	70.4	0.000415	0.00015	0	11.5	3.7
22.58934	460.26274	418.7	70.5	0.000413	0.00015	0	11.5	3.6
23.60326	459.648706	433.231467	70.5	0.000424	0.00015	0	11.5	3.6
23.45968	461.424455	412.1	70.4	0.000434	0.00015	0	11.5	3.6
24.33488	463.200203	412.1	70.4	0.000455	0.00016	0	12	3.6
25.98439	464.975951	409.571486	71.3	0.000472	0.00016	0	12	3.6
27.1334	467.402524	430.971513	71.6	0.000508	0.00017	0	12	3.5
28.00277	470.951637	405.5	70.5	0.000521	0.00018	0	12	3.5
27.93519	474.50075	405.5	70.2	0.000517	0.00018	0	12	3.5
28.14395	478.049863	405.5	70.2	0.000512	0.00018	0	12	3.5
27.77192	480.3	433.347937	70.2	0.00051	0.00018	0	12	3.5
28.14544	480.3	401.573947	70.2	0.000509	0.00018	0	12	3.6
27.68013	480.3	398.8	70.2	0.000501	0.00018	0	12	3.6
27.29274	480.3	398.8	70.3	0.000491	0.00017	0	12	3.5
27.1593	479.886272	436.503808	70.3	0.00048	0.00017	0	12	3.5
26.65762	476.380099	398.705652	70.3	0.000474	0.00017	0	12	3.5
25.97363	472.873926	395.7	70.3	0.000459	0.00017	0	12	3.6
24.72491	469.367753	395.7	70.4	0.000445	0.00016	0	11.5	3.6
24.09363	465.926741	426.223429	70.4	0.000434	0.00016	0	11.5	3.6
24.35948	463.378816	396.539862	70.4	0.000431	0.00016	0	12	3.7
23.71005	460.830891	392.6	70.4	0.000425	0.00015	0	12	3.6
23.48909	458.282965	392.6	70.5	0.000419	0.00015	0	12	3.6
22.61178	455.73504	414.546352	70.5	0.000407	0.00015	0	12	3.6
23.33061	455.6	399.596545	70.5	0.000418	0.00015	0	12	3.6
23.74628	455.6	392.6	70.5	0.000424	0.00015	0	12	3.7
22.88353	455.6	392.6	70.4	0.000421	0.00015	0	12	3.6
24.02288	455.6	408.222297	70.4	0.000434	0.00016	0.00001	12	3.7
24.25501	455.6	402.810304	70.4	0.000445	0.00016	0	12	3.7
24.13894	455.6	389.5	70.4	0.000452	0.00016	0	12	3.7
24.22085	455.6	389.5	70.3	0.000447	0.00016	0	12	3.7
24.4035	455.6	399.948955	70.3	0.00044	0.00016	0	12	3.8
24.25557	456.171807	406.073555	70.4	0.000437	0.00016	0	12	3.8
24.61593	457.015181	389.5	70.4	0.000438	0.00016	0.00001	12	3.7
25.50343	457.858554	389.5	70.4	0.000459	0.00016	0	12	3.7
25.23632	458.701928	392.880571	70.4	0.000471	0.00016	0	12	3.6
25.4615	459.564438	410.67617	70.3	0.000465	0.00016	0	12	3.5
25.00799	460.444056	388.060954	70.3	0.000457	0.00015	0	12	3.4
25.33273	461.323674	386.4	70.3	0.000463	0.00015	0	12	3.4
26.08091	462.203292	391.291583	70.3	0.00047	0.00015	0	12	3.3
25.83728	463.073392	409.983937	70.3	0.000473	0.00015	0	12	3.2
25.97807	463.935674	386.4	70.3	0.000477	0.00014	0	12	3.1
26.17227	464.797955	386.4	70.3	0.000472	0.00014	0	12	3.1
26.82351	465.660237	386.4	70.3	0.000477	0.00014	0	12	3
22.81585	449.603374	412.524839	70.3	0.000438	0.00013	0	12	2.9
14.95767	415.936791	386.4	70.3	0.000326	0.0001	0	12	2.9
13.77925	382.270207	386.4	69.8	0.000252	0.00009	0.00003	12	2.9
13.86339	348.603624	386.4	69.7	0.000184	0.00008	0.00004	12	2.8

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37.33504	374.749722	383.3	68.6	0.000413	0.00015	0.00001	12	2.6
28.12969	403.863035	381.803846	67.4	0.000492	0.00014	0	12	2.5
26.39344	432.976347	380.3	67.2	0.000497	0.00012	0	12	2.4
24.90255	451.607041	409.431373	67.7	0.000469	0.00011	0	12	2.4
23.73302	450.770015	380.3	67.9	0.00042	0.0001	0	12	2.4
22.04281	449.932989	379.595455	67.9	0.000389	0.0001	0	12	2.4
21.64593	449.095963	377.2	67.9	0.00038	0.00009	0	12	2.4
21.58821	448.268872	408.744434	67.9	0.00038	0.00009	0.00002	12	2.4
21.01792	447.466342	377.2	67.9	0.000385	0.00009	0.00002	12	2.4
21.95526	446.663813	377.2	67.7	0.000395	0.00009	0.00004	12	2.4
23.50068	445.861284	377.2	67.7	0.000418	0.0001	0.00003	12	2.4
23.95468	445.793067	410.63222	67.5	0.000442	0.0001	0	12	2.4
24.67839	449.162764	377.233399	67.4	0.000454	0.0001	0	12	2.3
25.13109	452.532461	377.2	67.3	0.000463	0.0001	0	12	2.2
24.55365	455.902158	377.2	67.3	0.000454	0.0001	0.00006	12	2.2
24.48851	458.883994	411.705794	67.3	0.000446	0.0001	0.00002	12	2.2
23.39989	454.648584	382.384053	67.3	0.000425	0.00009	0.00001	12	2.2
22.30839	450.413174	377.2	67.3	0.000399	0.00009	0	12	2.2
21.19973	446.177764	377.2	67.3	0.000377	0.00008	0	12	2.1
21.11	441.942354	400.717771	67.3	0.000365	0.00008	0.00002	12	2.1
13.12978	404.497194	380.392896	67.5	0.000322	0.00007	0.00004	12	2
13.8965	366.716582	377.2	67.6	0.000277	0.00006	0.00013	12	2
19.66561	328.935969	377.2	67.6	0.000335	0.0001	0.0002	12	2
31.94852	292.074946	341.543478	66.7	0.000209	0.00011	0.00007	12	2
32.17425	267.431312	373.034125	66.4	0.000097	0.00011	0	12	1.9
31.40391	242.787678	374.489008	65.2	0.000047	0.00009	0	12	1.6
30.83661	218.144044	373.454021	64.8	0.00003	0.00009	0	12	1.6
30.44754	193.500411	309.57897	63.7	0.000023	0.00008	0	12	1.5
13.83088	223.874926	343.761106	63.3	0.000016	0.00006	0	12	1.5
26.71265	258.327048	362.070697	62.2	0.000104	0.00006	0	12	1.4
21.63798	292.779171	357.719293	61.8	0.000242	0.00005	0	12	1.3
15.36212	327.231293	347.288819	62.3	0.000261	0.00004	0	12	1.3
13.02798	306.03445	344.783738	62.4	0.000254	0.00004	0.00003	12	1.4
24.27177	277.17717	344.144653	62.1	0.000271	0.00007	0.00001	12	1.4
29.01088	248.319889	343.2	62	0.000162	0.00007	0	12	1.5
29.31983	219.462608	314.845357	60.7	0.000077	0.00007	0	12	1.4
28.79659	202.775961	308.442525	60.2	0.000039	0.00007	0	12	1.4
28.02366	190.567973	332.632009	58.9	0.000025	0.00007	0	12	1.3
27.92	178.359985	328.627618	58.5	0.000021	0.00006	0	12	1.3
26.44553	166.151997	291.289557	57.1	0.00002	0.00006	0	12	1.3
24.87639	159.295388	287.413124	56.7	0.000019	0.00006	0	12	1.3
23.40877	154.222573	318.177821	53.2	0.000017	0.00005	0	12	1.3
21.91869	149.149757	314.478939	52	0.000016	0.00005	0	12	1.4
21.07128	144.076942	290.028071	48	0.000014	0.00004	0	12	1.4
13.1091	145.085615	262.350148	46.7	0.000005	0.00002	0	11.5	1.4
6.53798	149.665957	303.567132	44.2	0.000005	0.00002	0	11.5	1.4
6.83292	154.246299	302.1	43.4	0.000005	0.00002	0	11.5	1.4
6.898	158.82664	296.197753	42.5	0.000005	0.00002	0	11	1.4
6.85527	163.511511	260.716379	42.2	0.000005	0.00002	0	11	1.5
6.8693	168.268721	296.6	40.9	0.000009	0.00002	0	11.5	1.5
6.95351	173.02593	294.742162	40.5	0.000019	0.00002	0	11.5	1.6
6.73106	177.78314	286.448058	39.7	0.000029	0.00002	0	11.5	1.6
29.92615	200.794557	255.740079	39.4	0.000178	0.00008	0	12	1.6
80.73862	239.735675	289.033913	38.6	0.000861	0.00028	0	12	1.6
51.02017	278.676794	285.7	38.4	0.000453	0.00014	0	11.5	1.9
84.15971	317.617912	284.243429	38.4	0.001131	0.00035	0	11	2.3
95.01468	355.224499	301.377874	39.3	0.00183	0.00099	0	11.5	5
94.63022	391.453155	288.984866	43.8	0.001472	0.00223	0	11.5	13.8
42.47864	427.681811	298.221495	45.2	0.000436	0.00127	0	11	23.2
67.11498	463.910468	310.878452	50.7	0.000875	0.00271	0	11.5	25.6
62.01978	489.419699	377.57003	52.6	0.001007	0.00234	0	12	22.1
55.79863	501.880228	325.017728	54.7	0.001041	0.00167	0	12	16.1

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54.55183	514.340758	333.681818	55.4	0.000989	0.00112	0	12	11.3
44.83153	526.801287	339.813944	58	0.00084	0.00072	0	12	8.4
38.15273	533.258602	424.036618	58.9	0.000582	0.00044	0	11.5	7
24.86368	527.745434	350.02918	60.6	0.000458	0.00029	0	11.5	5.6
51.79221	522.232267	355.4	61.2	0.000685	0.00035	0	12	4.7
31.66812	516.719099	355.4	61.6	0.000599	0.00026	0	12	4.2
29.09551	510.394573	427.403766	61.7	0.00053	0.00021	0	12	4
29.96536	501.887464	361.5	62.8	0.000494	0.00019	0.00004	12	3.8
25.50822	493.380355	361.837954	63.2	0.00046	0.00017	0.00005	12	3.8
28.78832	484.873246	364.6	63.4	0.000484	0.00018	0.00012	12	3.6
28.59577	477.060015	412.044571	63.5	0.00052	0.00017	0.00007	12	3.4
27.53875	482.158339	373.892079	63.9	0.000492	0.00016	0.00006	12	3.3
37.77406	487.256664	367.7	64	0.000594	0.00018	0.00014	11.5	3.1
35.91333	492.354989	367.7	64.2	0.000673	0.00019	0.00007	11	2.9
32.39135	497.453314	411.92299	64.2	0.000632	0.00018	0.00001	11.5	3
32.42665	471.8438	385.801618	65.1	0.000596	0.00017	0	12	2.9
29.41436	443.9938	370.8	65.4	0.000342	0.00011	0	11.5	2.8
13.88293	416.1438	370.8	65.8	0.000168	0.00007	0	11.5	2.8
17.48768	388.2938	375.726979	65.9	0.000141	0.00008	0	11.5	2.7
24.30001	395.555253	372.702253	64.9	0.00023	0.00009	0	11.5	2.5
25.47751	405.378485	370.8	64.6	0.000343	0.0001	0	12	2.4
20.26526	415.201717	370.8	64.6	0.000352	0.00009	0	12	2.3
14.78142	425.024949	389.62507	64.3	0.000295	0.00007	0	12	2.3
13.19089	394.86292	373.385714	64.2	0.000247	0.00006	0.00008	11.5	2.3
14.04666	363.549051	367.7	64.2	0.000196	0.00005	0.00018	11	2.4
13.20006	332.235182	367.7	63.1	0.000179	0.00005	0.0002	11	2.4
21.91056	300.921314	346.694085	62.8	0.000228	0.00009	0.00013	11	2.4
28.8458	284.003499	353.689303	61.5	0.000175	0.00011	0.00003	11	2.4
16.58563	269.390389	362.556611	61.1	0.000041	0.00005	0	11	2.4
12.38176	254.777279	361.5	59.8	0.000024	0.00005	0	11	2.2
12.53049	240.16417	336.118255	59.3	0.000026	0.00005	0	11	2.2
12.6995	237.793252	335.646124	58.4	0.000061	0.00004	0	11	2.1
12.2083	238.406748	356.629412	58.1	0.000083	0.00004	0	11	2.1
12.69592	239.020245	355.4	57.3	0.000111	0.00005	0	11	2.1
28.89222	239.633742	332.305293	57.1	0.000263	0.00009	0	11	2.1
35.6702	294.909829	326.08995	56.6	0.000557	0.00013	0	11	2.1
37.0336	370.506302	347.039976	56.4	0.00073	0.00014	0	11	2.1
36.84442	446.102775	343.2	58	0.000766	0.00015	0	11	2.1
33.32384	521.699248	393.502269	58.5	0.000725	0.00014	0	11	2.1
33.00888	532.931182	372.208632	60.3	0.000719	0.00013	0	11	2.1
33.1266	534.79966	345.12206	61	0.000692	0.00013	0	11	2.1
29.38186	536.668139	346.104096	62.4	0.00064	0.00012	0.00002	11	2.1
27.05595	538.536617	388.707561	62.9	0.000588	0.00011	0	11	2.1
25.59634	524.8624	390.251089	64	0.00054	0.00011	0	11	2.1
22.99405	506.0624	354.088107	64.4	0.00047	0.0001	0	11	2.1
20.33078	487.2624	357.603846	64.4	0.000378	0.00008	0.00002	11	2.1
20.1492	468.4624	362.274225	65	0.000367	0.00008	0.00007	11	2.1
23.13016	466.019981	392.378801	65.6	0.0005	0.00011	0.00006	11.5	2.1
25.96251	479.804803	362.734567	65.7	0.000432	0.0001	0.00004	11.5	2.1
23.93921	493.589625	364.6	66	0.000412	0.00009	0.00019	11	2.1
22.174	507.374448	364.6	66.1	0.000472	0.00009	0.00659	11	2.1
24.82577	527.689817	428.253435	66.1	0.000548	0.00009	0.01902	11	2
23.08469	560.795786	368.193548	66.1	0.000563	0.00009	0.02972	11	2
22.4785	593.901754	371.658537	66.3	0.000546	0.00008	0.02214	11	2
22.3691	627.007722	374.1	66.3	0.000545	0.00008	0.01965	11	2
22.62123	652.671703	505.388725	66.3	0.000542	0.00008	0.0172	11	2
22.15424	653.837808	383.500366	66.3	0.000537	0.00008	0.01579	11	2
22.54647	655.003913	388.592109	66	0.00053	0.00008	0.01522	11	2
17.20339	656.170018	395.333333	65.9	0.000443	0.00007	0.01199	11	2
14.35856	638.259105	504.686207	65.7	0.000366	0.00006	0.00733	11	2
15.05759	588.417141	410.043107	65.6	0.000339	0.00007	0.00368	11	2.1
23.62979	538.575176	416.8432	64.5	0.000389	0.0001	0.00194	11	2.2
26.37403	488.733212	426.607529	64.2	0.000327	0.00009	0.00053	11	2.2

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14.86956	489.868505	439.066798	63.8	0.000235	0.00006	0.00006	11	2.1
14.52357	519.978343	445.2	63.3	0.000272	0.00006	0.00187	11	2.1
19.42081	550.088181	446.490933	63.1	0.000363	0.00006	0.00825	11	2
22.54551	579.059014	505.580227	62.5	0.000485	0.00008	0.01218	11	2
30.11892	593.566056	461.773798	62.3	0.000685	0.00011	0.02506	11	2
33.9634	608.073099	458.667647	62	0.000817	0.00013	0.03872	11	2
34.74541	622.580141	463.170856	61.9	0.000862	0.00013	0.04479	11	2
35.13086	637.087183	512.966713	62.5	0.000873	0.00014	0.05093	11	2
32.50277	646.082273	493.785602	62.7	0.00085	0.00013	0.04991	11	2
29.22767	653.809545	482.436986	63.6	0.000756	0.00012	0.0454	11	2
24.45887	661.536818	487.872727	63.9	0.000625	0.0001	0.03807	11	2
19.95997	669.264091	544.132676	64.3	0.000519	0.00008	0.02517	11	2
22.8054	670.4	528.683953	64.4	0.000511	0.00008	0.01497	11	2.1
23.2145	670.4	506.786975	64.3	0.000544	0.00009	0.01629	11	2.1
24.77787	670.4	513.08255	64.2	0.000555	0.00009	0.02373	11	2.1
22.92535	670.4	558.57767	64.2	0.000514	0.00008	0.03192	11	2.1
21.16955	637.416092	545.46	64.2	0.000477	0.00008	0.02669	11	2.1
23.11282	600.061723	528.975124	64.2	0.000497	0.0001	0.01371	11	2.5
24.18198	562.707354	534.75133	64.2	0.000506	0.00013	0.0044	11	3.1
18.50597	525.352985	534.841292	64.3	0.000444	0.00012	0.00134	11	3.4
17.78231	501.898162	537.352012	64.3	0.000395	0.00011	0.00041	11	3.4
17.9866	482.760759	542.7	64.3	0.000336	0.00011	0.00022	11	3.4
19.21685	463.623356	542.7	64.3	0.000329	0.00012	0.00011	11	3.5
21.10711	444.485953	532.798056	64.3	0.000322	0.00012	0.00008	11	3.5
20.64848	433.172319	502.759601	64	0.000322	0.00012	0.00003	11	3.5
19.6644	429.080626	528.284095	63.8	0.000318	0.00012	0.00005	11	3.4
17.51481	424.988933	519.924468	63.8	0.000312	0.00011	0.00005	11	3.4
17.28177	420.897239	512.490643	63.8	0.000291	0.00009	0.00007	11	3.1
14.66165	415.743235	475.096135	63.8	0.000246	0.00008	0.00007	11	3
15.45921	409.357132	499.326846	63.4	0.000256	0.00008	0.00004	11	3
19.55451	402.97103	491.621646	63.3	0.000286	0.00009	0.00008	11	2.8
19.1939	396.584928	484.577778	62.9	0.000307	0.00009	0.00003	11	2.8
19.92866	393.764841	442.101982	62.7	0.000304	0.00009	0.00004	11	2.8
19.1337	396.862824	468.194515	62.5	0.000302	0.00009	0.00002	11	2.8
19.16846	399.960807	461.728552	62.5	0.000304	0.00009	0.00002	11	2.7
18.23697	403.05879	454.325037	62.4	0.000301	0.00009	0.00004	11	2.7
18.25129	406.723582	426.325616	62.4	0.000305	0.00008	0.00005	11	2.7
18.96206	412.495194	441.110588	62.2	0.000324	0.00009	0.0001	11	2.7
21.77468	418.266807	434.849398	62.1	0.000363	0.0001	0.00006	11	2.6
23.48916	424.03842	430.196825	62.1	0.000412	0.00011	0.00004	11	2.7
23.72231	429.762271	427.016931	62.1	0.000434	0.00011	0	11	2.6
23.75282	435.260962	418.749604	62.4	0.000424	0.00011	0	11	2.6
23.18819	440.759652	415.487267	62.5	0.000404	0.00011	0	11	2.6
23.08949	446.258343	411.19387	62.7	0.000402	0.00011	0.00001	11	2.6
23.13499	451.757034	423.864078	62.8	0.000406	0.00011	0.00003	11	2.6
22.50465	453.553572	410.538149	63.2	0.000405	0.00011	0	11	2.6
22.56874	455.251285	402.931894	63.4	0.000407	0.00011	0.00002	11	2.6
23.36168	456.948998	398.8	63.7	0.000429	0.00011	0	11.5	2.6
24.70337	458.646711	410.885443	63.8	0.000439	0.00011	0.00005	11.5	2.6
24.58716	462.919961	410.053465	64	0.000447	0.00011	0.00002	11	2.6
26.74256	468.131367	393.613604	64.1	0.000473	0.00012	0.00002	11	2.6
27.1915	473.342773	392.6	64.5	0.000506	0.00013	0.00003	11.5	2.6
27.69104	478.554179	405.822651	64.7	0.000528	0.00013	0	11.5	2.6
27.76356	478.046301	414.783957	65.1	0.000533	0.00014	0	11.5	2.7
27.35092	474.657279	391.124388	65.2	0.000535	0.00014	0	11.5	2.8
26.8087	471.268258	389.5	65.6	0.00051	0.00014	0	11	2.8
21.54009	467.879236	389.5	65.7	0.000418	0.00012	0	11	2.8
18.33224	452.269747	415.449068	66.1	0.000343	0.0001	0.00003	11	2.8
12.2969	423.153423	386.4	66.3	0.000258	0.00008	0.00003	11	2.8
13.25605	394.0371	386.4	65.8	0.000207	0.00007	0.00007	11.5	2.9
14.09733	364.920777	386.4	65.6	0.000172	0.00007	0.00008	11.5	2.9
13.6878	341.569888	366.637389	65.6	0.000139	0.00007	0.00003	11.5	2.9

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10:14:23.434	35	1658
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13.77445	335.152123	386.4	64.5	0.000134	0.00007	0.00002	12	2.9
13.0068	328.734358	386.4	63.4	0.000137	0.00007	0	12	2.9
13.14976	322.316593	384.507368	63.2	0.000144	0.00007	0.00002	11.5	2.9
12.99673	317.1175	350.334133	62.5	0.000151	0.00006	0.00001	11.5	2.9
13.83832	318.511731	382.806931	62.3	0.000166	0.00007	0.00002	12	3
18.22094	319.905962	380.374257	61.7	0.00022	0.00008	0.00002	12	2.9
12.37894	321.300192	380.3	61.5	0.000202	0.00007	0	12	2.9
13.05241	322.694423	358.393959	61	0.000188	0.00006	0	12	2.9
12.48388	304.104176	371.990441	60.8	0.000178	0.00006	0.00002	12	2.9
12.33844	285.433669	374.753431	60	0.000157	0.00006	0.00005	11.5	3
12.15358	266.763163	374.1	59.8	0.000129	0.00006	0.00003	11	3
11.68731	248.092657	339.05945	58.7	0.000099	0.00006	0.00001	11.5	3
11.77837	232.248757	351.476119	58.3	0.000074	0.00006	0	12	3.1
22.49333	216.987908	368.65525	57.1	0.000083	0.00009	0	12	3.1
26.72885	201.72706	367.7	56.7	0.000082	0.00013	0	11.5	2.8
26.15644	186.466212	329.581207	55.5	0.000049	0.00012	0	11.5	2.8
13.49014	183.157185	324.39256	55.1	0.000015	0.00005	0	12	2.6
6.49476	184.336256	361.5	54.1	0.000007	0.00003	0	12	2.5
6.81867	185.515328	359.09677	53.7	0.000006	0.00003	0	11.5	2.4
6.74	186.694399	332.940449	52.6	0.000006	0.00003	0	11	2.3
6.6975	188.956307	312.575149	52.2	0.000008	0.00002	0	11.5	2.1
6.70157	191.786043	353.922941	48.6	0.000015	0.00002	0	12	2.1
6.76013	194.615779	352.3	47.4	0.000024	0.00002	0	12	2.1
6.82992	197.445516	349.193858	44.1	0.000033	0.00002	0	12	2.1
6.96894	199.810733	297.009706	43	0.000039	0.00003	0	12	2.2
6.94473	201.684668	345.23	39	0.000043	0.00003	0	12	2.2
6.89651	203.558603	343.2	37.7	0.000046	0.00003	0	12	2.1
6.83073	205.432538	343.2	33.9	0.000048	0.00003	0	11.5	2.1
6.82582	206.6	286.951078	32.5	0.000049	0.00003	0	11	2.1
6.76304	206.6	339.765941	30.5	0.00005	0.00003	0	11	2.1
6.90127	206.6	337.4	29.8	0.00005	0.00003	0	11	2.1
6.88	206.6	335.748933	29	0.00005	0.00003	0	11	2.1
6.72	206.6	272.044366	28.7	0.00005	0.00003	0	11	2.1
6.72	206.6	328.157647	27.9	0.00005	0.00002	0	11	2.1
6.8702	206.6	328.5	27.7	0.000051	0.00002	0	11	2
6.78209	206.6	327.487664	27.7	0.000051	0.00002	0	11	2
6.62753	206.6	282.637249	27.1	0.000051	0.00002	0	11	2
6.78809	206.6	310.825098	26.1	0.00005	0.00002	0	11	2
6.71566	206.6	320.440932	25.8	0.00005	0.00002	0	11	2
6.86223	206.6	319.8	24.2	0.00005	0.00002	0	11	2
6.88	206.6	286.985625	23.7	0.00005	0.00002	0	11	2
6.7008	206.090986	299.225816	21.2	0.00005	0.00002	0	11	2
6.94881	205.490024	314.955159	20.4	0.00005	0.00002	0	11	2
6.8437	204.889062	314	19.9	0.00005	0.00002	0	11	2
6.75829	204.288101	301.39376	19.8	0.000051	0.00002	0	11	2
6.76289	204.1	288.167554	19.1	0.000051	0.00002	0	11	1.9
6.7589	204.1	309.290971	18.9	0.00005	0.00002	0	11	1.9
6.74557	204.1	308.1	18.2	0.000051	0.00002	0	11	1.9
6.85993	204.1	295.342725	18	0.000051	0.00002	0	11	1.9
6.74	203.708031	277.419358	17.2	0.00005	0.00002	0	11	1.9
6.6566	203.08288	303.638585	17	0.000051	0.00002	0	11	1.9
6.74351	202.45773	302.1	16.2	0.000052	0.00002	0	11	1.9
6.87331	201.83258	300.826582	15.9	0.000052	0.00002	0	11	1.9
6.94421	201.5	266.252428	14.3	0.000051	0.00002	0	11	1.9
6.80997	201.5	299.3	13.8	0.000051	0.00002	0	11	1.9
6.89233	201.5	298.251421	12	0.000051	0.00002	0	11	2
6.91644	201.5	296.6	11.4	0.00005	0.00002	0	11	2
6.81035	201.285547	256.835147	7.5	0.000051	0.00002	0	11	2
6.85496	200.637653	296.152609	6.2	0.000049	0.00002	0	11	2
6.50035	199.989758	293.8	1.6	0.000048	0.00002	0	11	2
6.50842	199.341864	293.8	0	0.000048	0.00002	0	11	2
6.33496	198.9	253.431001	0	0.000048	0.00002	0	11	2
6.49051	198.9	291.1	0	0.000048	0.00002	0	11	2

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6.34803	198.9	291.1	0	0.000048	0.00002	0	11	2
6.65461	198.766041	247.853582	0	0.000049	0.00002	0	11	2
6.59043	198.173302	288.4	0	0.000049	0.00002	0	11	2
6.41	197.580563	288.4	0	0.000049	0.00002	0	11	2
6.6385	196.987824	286.6792	0	0.000048	0.00002	0	11	2
6.47475	196.5	241.632537	0	0.000048	0.00002	0	11	2
6.55	196.5	285.7	0	0.000048	0.00002	0	11	2
6.55122	196.5	285.7	0	0.000048	0.00002	0	11	2
6.54654	196.5	284.896047	0	0.000048	0.00002	0	11	2
6.45362	196.5	254.146071	0	0.000048	0.00002	0	11	2
6.44	196.5	272.336198	0	0.000048	0.00002	0	11	2
6.60333	196.5	283	0	0.000047	0.00002	0	11	2
6.42947	196.5	280.1	0	0.000047	0.00002	0	11	2
6.52	196.5	256.638065	0	0.000047	0.00002	0	11	2
6.42792	195.992067	271.376522	0	0.000047	0.00002	0	11	2
6.343	195.42007	280.1	0	0.000047	0.00002	0	11	2
6.38697	194.848073	279.893925	0	0.000047	0.00002	0	11	2
6.51143	194.276076	253.212571	0	0.000047	0.00002	0	11	2
6.37235	194.2	264.662807	0	0.000047	0.00002	0	11	2
6.44462	194.2	275.577036	0	0.000047	0.00002	0	11	2
6.33648	194.2	274.7	0	0.000048	0.00002	0	11	2
6.5342	194.2	259.718056	0	0.000048	0.00002	0	11	2
6.58946	193.778427	258.425	0	0.000048	0.00002	0	11	2
6.46998	193.184661	274.7	0	0.000047	0.00002	0	11	2
6.41139	192.590896	274.7	0	0.000048	0.00002	0	11	2
6.56871	191.99713	259.549371	0	0.000048	0.00002	0	11	2
6.45753	191.8	252.069345	0	0.000047	0.00002	0	11	2
6.36947	191.8	272	0	0.000047	0.00002	0	11	2
6.43518	191.8	270.311619	0	0.000047	0.00002	0	11	2
6.41	191.8	269.3	0	0.000048	0.00002	0	11	2
6.40084	191.8	240.832178	0	0.000047	0.00002	0	11	2
6.35616	191.8	269.3	0	0.000047	0.00002	0	11	2
6.33522	191.8	269.3	0	0.000047	0.00002	0.00001	11	2
6.47378	191.8	269.3	0	0.000047	0.00002	0	11	2
6.55	191.8	236.13	0	0.000047	0.00002	0	11	2
6.5376	191.8	266.6	0	0.000047	0.00002	0	11	2
6.45246	191.8	266.6	0	0.000047	0.00002	0	11	2
6.44348	191.8	266.6	0	0.000047	0.00002	0	11	2
6.41387	191.65317	230.972277	0	0.000047	0.00002	0	11	2
6.41987	191.063489	263.8	0	0.000047	0.00002	0.00001	11	2
6.29006	190.473808	263.8	0	0.000047	0.00002	0	11	2
6.50411	189.884128	263.8	0	0.000047	0.00002	0	11	2
6.52655	189.4	227.257115	0	0.000047	0.00002	0	11	2
6.62194	189.4	263.763494	0	0.000046	0.00002	0	11	2
6.40891	189.4	263.8	0	0.000047	0.00002	0	11	2
6.40558	189.4	261.1	0	0.000047	0.00002	0	11	2
6.41364	189.608455	231.438088	0	0.000049	0.00002	0	11	2
6.36462	195.739481	256.419288	0	0.000062	0.00003	0	11	2
8.31505	201.870507	258.714917	0	0.00007	0.00003	0	11	2
10.98388	208.001533	258.3	0	0.00007	0.00003	0	11	2
6.84348	214.132559	242.331532	0	0.00006	0.00003	0	11	2
6.19157	218.606436	256.118967	1.3	0.000076	0.00003	0	11	1.9
9.32328	223.061881	258.3	1.7	0.000094	0.00003	0	11	1.9
11.00871	227.517327	255.5	0.4	0.000103	0.00003	0	11	1.8
10.26511	231.972772	247.361643	0	0.000104	0.00003	0	11	1.8
12.6249	239.340095	252.852791	2.5	0.000113	0.00003	0	11	1.8
11.82287	246.863905	255.5	3.3	0.000131	0.00003	0	11	1.8
11.32063	254.387714	255.5	5.2	0.000158	0.00004	0	11	1.8
17.68277	261.911524	255.077221	5.8	0.000248	0.00005	0	11	1.8
40.66133	283.769712	255.081683	8	0.00076	0.00015	0	11	1.8
33.13105	310.431545	252.8	8.7	0.000552	0.00011	0	11	1.8
34.68696	337.093377	254.876081	13.8	0.0004	0.00009	0.00001	11	1.8

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10:16:23.434	87.7	2353
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10:16:28.434	83.5	1924
10:16:29.434	82.7	2047
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10:16:32.434	82.9	1573
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10:17:11.434	63.6	1689
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10:17:21.434	58.6	1730
10:17:22.434	56.6	1739
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41.03523	363.755209	269.831944	15.5	0.000574	0.00012	0	11	1.8
43.76987	372.661959	289.278176	19.6	0.000745	0.00014	0	11	1.8
26.78831	370.312219	262.649132	20.9	0.000486	0.00009	0	11	1.8
11.6343	367.962478	268.305398	25.8	0.000213	0.00004	0	11	1.8
21.98665	365.612738	276.93	27.5	0.000287	0.00007	0	11	1.8
31.2621	381.956373	300.644158	27.4	0.000437	0.00009	0	11	1.7
28.8841	412.459666	276.8375	27.4	0.000568	0.0001	0	11	1.7
37.62311	442.962959	281.584162	30.4	0.000705	0.00011	0.00005	11	1.7
33.61189	473.466251	285.2275	31.4	0.000745	0.00012	0.00003	11	1.8
41.334	496.127896	377.476238	34.7	0.000453	0.00009	0.00006	11	1.8
26.80932	501.89413	296.6	35.8	0.000429	0.00009	0.00005	11	1.8
41.37857	507.660364	297.970769	36.6	0.000776	0.00015	0.00007	11	1.8
59.86825	513.426597	301.798688	36.9	0.0012	0.0002	0.00001	11	1.8
61.70725	524.391356	380.638643	40.2	0.001206	0.00022	0	11	2
56.88668	541.289335	312.694059	41.3	0.001072	0.00068	0	11	6.6
48.66529	558.187314	319.059574	45.7	0.001017	0.00132	0	11	13.8
52.16463	575.085293	325.173667	47.2	0.000968	0.00156	0	11	17.1
44.10371	583.138118	434.898776	50.7	0.000866	0.00145	0	11	17.7
49.12365	575.466224	338.424877	51.9	0.00091	0.00147	0	11	16.8
50.94015	567.794331	343.854966	54.2	0.000978	0.00124	0	11	13.2
52.23696	560.122437	348.019969	54.9	0.000989	0.00099	0	11	10.3
39.40857	552.074442	446.700965	57.1	0.00044	0.00039	0	11	8.5
16.46448	542.653245	355.4	57.8	0.000501	0.00041	0	11	7.5
38.9065	533.232047	356.233552	58.7	0.000602	0.00043	0	11	6.5
27.62056	523.810849	358.4	59	0.000576	0.00033	0	11	5.6
31.19186	517.332129	435.712121	60	0.000602	0.00031	0	11	5.3
35.92477	521.046988	361.5	60.3	0.000693	0.00032	0	11	4.8
40.59122	524.761847	362.287568	61.3	0.000745	0.0003	0	11	4.3
38.4647	528.476707	364.6	61.6	0.000764	0.00029	0	11	4
40.00286	529.534861	442.605318	62.7	0.000723	0.00026	0	11	3.8
32.65922	522.180118	367.7	63.1	0.000697	0.00024	0	11	3.6
35.95192	514.825374	367.7	64.4	0.000674	0.00023	0	11	3.6
30.03789	507.47063	367.7	64.8	0.000568	0.0002	0	11	3.5
25.49036	494.395109	436.05	65.6	0.000473	0.00016	0	11	3.3
9.96849	451.507585	371.509941	65.9	0.000242	0.00008	0	11	3.2
6.77419	408.620061	370.8	65.8	0.000154	0.00006	0	11	3.2
14.94051	365.732538	370.8	65.7	0.000153	0.00008	0	11	3.2
13.40272	322.845014	353.608989	64.5	0.000159	0.0001	0	11	3.2
26.16453	307.315239	364.5	64.1	0.000134	0.00012	0	11	3.1
14.77682	293.876314	370.8	62.5	0.000048	0.00007	0	11	3.1
13.23584	280.437389	367.7	62	0.000035	0.00007	0	11	3
14.75465	266.998464	345.446036	60.9	0.000053	0.00007	0	11	2.8
20.18928	289.635571	345.719197	60.6	0.00013	0.00008	0	11	2.7
23.36818	323.540519	365.95144	60	0.000258	0.0001	0	11	2.6
27.03274	357.445468	362.000448	59.8	0.000431	0.00013	0	11	2.5
24.66926	391.350416	365.495387	60.1	0.000504	0.00013	0	11	2.5
26.62799	426.485714	367.594428	60.2	0.000481	0.00012	0	11	2.4
23.2864	462.2	353.866898	60.5	0.000472	0.00011	0.00416	11	2.4
24.79025	497.914286	352.3	60.6	0.000543	0.00011	0.01634	11	2.4
32.07429	533.628571	363.87475	60.8	0.00071	0.00013	0.03971	11	2.3
32.90102	562.005703	415.270837	60.9	0.000818	0.00014	0.0531	11	2.3
29.14482	584.031268	356.480709	61.5	0.000733	0.00013	0.04225	11	2.3
21.92867	606.056834	360.041452	61.7	0.000601	0.0001	0.03267	11	2.3
15.88591	628.082399	367.210963	62.3	0.000467	0.00008	0.0186	11	2.2
22.11781	640.716781	466.455152	62.5	0.000495	0.00008	0.01779	11	2.1
22.4854	642.675714	378.953221	62.1	0.000544	0.00008	0.01776	11	2
24.88921	644.634647	385.595389	62	0.00059	0.00008	0.02751	11	1.9
25.66961	646.59358	393.921311	62	0.000611	0.00009	0.03237	11	1.9
26.656	648.613204	517.403774	62	0.000664	0.00009	0.03459	11	1.8
32.02279	650.834865	412.97717	62.3	0.000739	0.0001	0.03855	11	1.8
31.93126	653.056526	426.609545	62.4	0.000792	0.00011	0.0413	11	1.8
31.75822	655.278187	438.28295	62.9	0.000791	0.0001	0.04296	11	1.7
31.44755	657.772218	542.595976	63.1	0.000783	0.0001	0.04743	11	1.7

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31.15533	661.002656	460.345357	63.7	0.000774	0.0001	0.05086	11	1.7
28.29833	664.233094	474.059894	63.9	0.000726	0.0001	0.04691	11	1.7
23.16793	667.463532	486.697196	64.5	0.000623	0.00008	0.04033	11	1.7
15.55793	669.23547	572.323095	64.7	0.000446	0.00006	0.02737	11	1.7
14.92073	656.438441	501.361233	64.7	0.000393	0.00007	0.0199	11	2.2
14.91391	643.641411	509.009854	64.7	0.000366	0.00009	0.01448	11	3
20.95141	630.844381	514.145152	64	0.000406	0.00011	0.01224	11	3.5
22.16578	617.318251	561.014154	63.8	0.000444	0.00014	0.00697	11	4.1
21.98659	590.225142	532.508847	63.5	0.000499	0.00017	0.00329	11	4.2
24.12053	563.132033	530.834291	63.4	0.000537	0.00019	0.00134	11	4.3
23.71208	536.038923	539	63.5	0.000539	0.00018	0.00061	11	4.2
24.12257	508.990988	529.16881	63.5	0.000516	0.00018	0.00027	11	4.2
23.90329	504.484922	537.503477	63.9	0.00048	0.00018	0.00017	11	4.3
24.87819	499.978856	535.599413	64	0.000463	0.00019	0.00011	11	4.4
26.62506	495.47279	530.51856	64.2	0.000501	0.00022	0.00011	11	4.5
30.35522	490.966724	513.260964	64.3	0.000583	0.00024	0.0001	11	4.4
34.06395	504.684029	514.523092	64.8	0.000688	0.00026	0.00005	11	4.2
33.786	519.101505	507.76	65	0.000698	0.00023	0.00004	11	3.7
32.39228	533.518981	497.481343	65.9	0.000643	0.00019	0.00002	11	3.3
30.10502	547.936456	507.802754	66.2	0.000712	0.00021	0.00007	11	3.3
34.85395	548.684903	492.851233	67	0.000716	0.00021	0.00008	11	3.2
34.17091	546.887635	475.511928	67.3	0.000657	0.00019	0.00002	11	3.2
27.19371	545.090367	466.19375	68.3	0.000605	0.00018	0.00001	11	3.3
30.13173	543.293098	474.810082	68.6	0.0006	0.00018	0	11	3.3
21.61294	508.94873	476.594444	69.2	0.000508	0.00016	0.00002	11	3.3
14.37046	458.573699	450.245401	69.4	0.000327	0.00011	0	11	3.3
14.36606	408.198669	446.380774	69.5	0.000262	0.00011	0.00005	11	3.4
32.60393	357.823639	438.441429	69.5	0.000265	0.0002	0.00006	11	3.5
22.98805	344.361369	407.255479	68.2	0.000118	0.00016	0.00003	11	3.4
19.86177	362.725185	436.19882	67.8	0.000112	0.00011	0.00002	11	2.7
29.80269	381.089001	430.267485	66.4	0.000257	0.00013	0	11	2.6
24.29933	399.452818	425.567457	65.9	0.000396	0.00013	0	11	2.7
36.2386	426.88463	415.4	66.4	0.000678	0.0002	0	11	2.8
58.82737	463.71687	414.417434	66.6	0.001228	0.00032	0	11	2.8
61.45053	500.54911	410.871184	67.5	0.001143	0.00031	0	11	2.8
31.27014	537.38135	408.8	67.8	0.000621	0.00025	0	11	4
28.31809	561.507206	480.365815	70	0.000522	0.00028	0	11	5.2
26.61985	541.360147	405.5	70.8	0.00047	0.00026	0	11	5.3
23.99033	521.213088	405.5	71	0.000422	0.00023	0	11	5.3
22.93581	501.066029	405.5	71.1	0.000386	0.00021	0	11	5.1
21.35786	482.027895	443.713924	71.1	0.000377	0.0002	0	11	5
22.46917	469.63555	406.883121	71.1	0.000379	0.00018	0	11	4.7
22.05209	457.243206	405.5	71	0.000379	0.00017	0.00004	11	4.4
18.805	444.850861	402.2	71	0.000367	0.00016	0.00007	11	4.4
21.24774	432.458517	412.874932	70.9	0.000386	0.00016	0.00014	11	4.2
22.96348	428.853096	405.527326	70.9	0.00038	0.00017	0.00008	11	4.1
22.74316	425.585283	402.2	70.4	0.000349	0.00015	0.00002	11	4
21.48879	422.317469	401.814575	70.3	0.000326	0.00014	0.00003	11	3.7
21.96126	419.049656	404.404023	70.2	0.000349	0.00013	0.00005	11	3.4
23.11036	423.918539	399.971995	70.2	0.000387	0.00013	0.00013	11	3.3
22.4181	429.762368	396.053242	70.1	0.000408	0.00013	0.00012	11	3.2
22.77033	435.606196	395.7	70.1	0.000425	0.00013	0.00011	11	3.1
22.45463	441.450025	410.046403	70	0.000424	0.00012	0.00009	11	3
22.91759	444.297403	397.241543	70	0.000433	0.00012	0.00012	11	2.9
23.64591	446.894805	392.6	70	0.00044	0.00012	0.00013	11	2.9
23.6223	449.492208	392.6	70	0.000441	0.00012	0.00007	11	2.8
24.15941	451.96521	416.652864	70	0.000442	0.00012	0.00011	11	2.8
23.53647	452.858498	392.748723	70	0.000441	0.00012	0.00008	11	2.8
23.9348	453.751787	389.5	70	0.000443	0.00011	0.00014	11	2.6
24.32975	454.645075	389.5	70	0.000447	0.00012	0.00009	11	2.6
24.68942	455.538363	411.785143	70.1	0.00045	0.00012	0.00009	11	2.6
24.43467	456.416053	394.918515	70.1	0.000451	0.00011	0.00007	11	2.6
24.61996	457.292587	386.4	70	0.000454	0.00011	0.00004	11	2.5

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10:18:39.434	76.6	1926
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10:19:06.434	75.8	1924
10:19:07.434	74.1	1924
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10:19:13.434	75.9	1924
10:19:14.434	75.3	1925
10:19:15.434	75	1928
10:19:16.434	74.7	1926
10:19:17.434	74.8	1922
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10:19:19.434	76.9	1922
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10:19:30.434	75.7	1931

25.09191	458.169121	386.4	70	0.000459	0.00011	0.00006	11	2.5
25.23958	459.045655	411.834846	69.9	0.000458	0.00011	0.00004	11	2.5
25.36543	461.529452	394.553607	69.9	0.000455	0.00011	0.00003	11	2.5
27.77765	464.119487	386.4	69.9	0.000488	0.00012	0	11	2.5
27.90098	466.709521	386.4	69.9	0.000506	0.00012	0	11	2.5
27.104	469.299556	409.048889	69.9	0.0005	0.00012	0	11	2.5
26.13436	468.85625	396.753824	69.9	0.000481	0.00012	0	11	2.5
25.39875	468.014904	383.3	69.9	0.000464	0.00011	0	11	2.4
24.73598	467.173558	383.3	69.9	0.000458	0.00011	0	11	2.3
25.30996	466.332212	399.290169	70	0.000454	0.0001	0	11	2.2
25.41154	466.1	399.877636	70	0.000457	0.0001	0	11	2.2
25.72744	466.1	381.464706	70	0.000465	0.0001	0	11	2.2
26.29344	466.1	380.3	70	0.000471	0.0001	0	11	2.2
25.9836	466.1	393.628155	70	0.000471	0.0001	0	11	2.2
25.89817	464.945343	402.002849	70	0.000475	0.0001	0	11	2.2
25.61837	463.229657	380.3	70	0.000465	0.0001	0	11	2.2
24.69544	461.513971	380.3	70	0.000447	0.0001	0	11	2.2
24.38493	459.798284	383.141967	69.9	0.000441	0.0001	0	11	2.2
23.92177	458.045257	401.293541	69.9	0.000427	0.00009	0	11	2.1
23.30711	456.266601	380.3	70	0.000412	0.00009	0	11	2.1
23.41311	454.487945	380.3	70	0.000411	0.00009	0	11	2.1
23.1791	452.709289	385.046403	70.1	0.000418	0.00009	0.00001	11	2.1
24.03731	451.9	402.480435	70.1	0.000436	0.00009	0.00001	11	2.1
24.10954	451.9	380.3	69.9	0.000446	0.00009	0.00002	11	2.1
24.19185	451.9	380.3	69.9	0.000448	0.00009	0	11	2.1
24.4612	451.9	380.3	70	0.000442	0.00009	0.00007	11	2.1
24.2071	451.9	408.626839	70	0.000438	0.00009	0.00003	11	2.1
24.48576	451.9	380.3	70	0.000443	0.00009	0.00007	11	2.1
24.29929	451.9	380.3	70	0.000445	0.00009	0.00005	11	2.1
24.32814	451.9	380.3	70	0.000444	0.00009	0.00003	11	2.1
23.98908	451.760252	415.994499	70	0.000438	0.00009	0.00002	11	2.1
23.96695	450.952459	380.827505	70	0.000434	0.00009	0	11	2.1
23.85928	450.144666	380.3	70	0.000436	0.00009	0	11	2.1
23.69631	449.336873	380.3	70	0.000429	0.00009	0	11	2.1
23.85592	448.529081	404.492243	70	0.000427	0.00009	0.00001	11	2.1
23.85509	449.273019	387.85549	70	0.000429	0.00009	0	11	2.1
24.09458	450.074906	380.3	70	0.000433	0.00009	0.00001	11	2.1
24.43401	450.876792	380.3	70	0.000446	0.00009	0.00003	11	2.1
24.55332	451.678679	393.872246	70	0.000444	0.00009	0.00002	11	2.1
24.42507	451.308127	394.566738	70	0.000446	0.00009	0.00004	11	2.1
23.85361	450.490623	380.3	70	0.000434	0.00009	0.00004	11	2.1
23.61646	449.673119	380.3	70	0.000425	0.00009	0.00006	11	2.1
23.71528	448.855614	382.966174	70	0.000426	0.00009	0.00005	11	2.1
23.92315	448.951469	398.702063	70	0.000436	0.00009	0.00005	11	2.1
24.2549	449.750529	377.2	70	0.000443	0.00009	0.00002	11	2.1
24.80979	450.549589	377.2	70	0.000453	0.00009	0.00001	11	2.1
24.47142	451.348649	377.2	70	0.000454	0.00009	0.00002	11	2.1
25.05111	451.9	407.614867	70	0.000455	0.00009	0	11	2.1
24.6053	451.9	377.2	70	0.000451	0.00009	0.00001	11	2.1
25.01611	451.9	377.2	70	0.000453	0.00009	0	11	2.1
25.44047	451.9	377.2	70	0.000456	0.00009	0.00003	11	2.1
25.62889	452.652645	403.211607	70	0.000463	0.0001	0.00002	11	2.1
25.81125	454.466247	377.2	70	0.000472	0.0001	0.00004	11	2.1
25.98951	456.279849	377.2	69.9	0.000467	0.0001	0.00005	11	2.1
25.96844	458.093451	377.2	69.9	0.000465	0.0001	0.00005	11	2.1
25.73543	459.1	406.719295	70	0.000466	0.0001	0.00007	11	2.1
25.53339	459.1	377.2	70	0.000468	0.0001	0.00005	11	2.1
25.92074	459.1	377.2	70.1	0.000472	0.0001	0.0001	11	2.1
25.46288	459.1	377.2	70.1	0.000472	0.0001	0.00003	11	2.1
25.84598	459.1	413.966503	70.1	0.000467	0.0001	0.00005	11	2.1
25.88003	459.1	377.2	70.1	0.000467	0.0001	0.00005	11	2.2
25.60513	459.1	377.2	70	0.000464	0.0001	0.00004	11	2.1
25.54843	459.1	377.2	70	0.00046	0.0001	0.00004	11	2.1

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25.81862	459.1	409.289806	70	0.000461	0.0001	0.00001	11	2.1
26.18232	459.1	378.173441	70	0.000462	0.0001	0.00002	11	2.1
25.48628	459.1	374.1	70	0.000458	0.0001	0	11	2.1
25.87537	459.1	374.1	70	0.000465	0.0001	0	11	2.1
25.58966	459.1	397.135714	70	0.000467	0.0001	0	11	2.1
26.40544	459.1	388.530815	70	0.000472	0.0001	0	11	2.1
26.46976	459.1	374.1	70	0.00047	0.0001	0	11	2.1
26.43477	459.1	374.1	70	0.000468	0.0001	0	11	2.1
25.74025	459.1	386.927927	70.1	0.000469	0.0001	0	11	2.1
25.47473	457.936117	395.35	70.1	0.000461	0.00009	0	11	2
25.29441	456.188544	374.1	70.1	0.000454	0.00009	0	11	2
24.71391	454.440971	374.1	70.1	0.00045	0.00009	0	11	2
24.47342	452.693398	379.772917	70	0.00044	0.00009	0	11	2
23.92754	451.455991	398.317157	70	0.000434	0.00009	0	11	2
24.16525	450.642789	374.1	70	0.000435	0.00009	0	11	2
24.10909	449.829586	374.1	70	0.000434	0.00009	0.00002	11	2
23.87663	449.016384	374.1	70	0.000435	0.00009	0	11	2
24.38776	448.792758	403.823529	70	0.000439	0.00009	0.00003	11	2
24.82865	449.594834	374.1	70	0.000447	0.00009	0.00001	11	2
24.54125	450.39691	374.1	70	0.000455	0.00009	0.00001	11	2
24.62482	451.198986	374.1	70	0.000454	0.00009	0	11	1.9
24.33101	451.795792	410.479718	70	0.000449	0.00009	0.00002	11	1.9
23.92153	450.968742	374.1	70	0.00044	0.00008	0.00003	11	1.9
24.11771	450.141693	374.1	70	0.000435	0.00008	0.00003	11	1.9
24.27	449.314644	374.1	70	0.000437	0.00008	0.00008	11	1.9
24.29579	448.487778	403.797914	70	0.000434	0.00008	0.00005	11	1.9
24.02933	447.672963	377.063186	70	0.000434	0.00008	0.00007	11	1.9
23.545	446.858148	374.1	70	0.000429	0.00008	0.00007	11	1.8
23.38038	446.043333	374.1	70	0.000428	0.00007	0.00008	11	1.8
23.69938	445.228519	399.872496	70	0.000431	0.00008	0.00006	11	1.8
24.15326	445.2	381.593382	70	0.000437	0.00008	0.00003	11	1.8
24.19943	445.2	374.1	70	0.000446	0.00008	0.00005	11	1.7
24.20314	445.2	374.1	70	0.000446	0.00007	0.00003	11	1.7
24.60517	445.2	388.870775	70	0.000449	0.00007	0.00007	11	1.7
25.0149	446.439828	389.241021	70	0.000456	0.00007	0.00003	11	1.7
25.08	448.081985	374.1	70	0.000464	0.00008	0.00009	11	1.7
24.95463	449.724142	374.1	70	0.00046	0.00008	0.00005	11	1.7
24.7579	451.366299	382.071311	70	0.000453	0.00008	0.00005	11	1.7
24.77359	451.348715	393.340039	70	0.000451	0.00007	0.00007	11	1.7
24.59896	450.531996	374.1	70	0.000451	0.00007	0.00004	11	1.7
24.26599	449.715277	374.1	70	0.000447	0.00007	0.00008	11	1.6
24.20519	448.898559	377.933983	70	0.000441	0.00007	0.00006	11	1.6
24.18304	448.5	395.738073	70	0.000435	0.00007	0.00006	11	1.6
23.86322	448.5	374.1	70	0.000433	0.00007	0.00004	11	1.6
23.8824	448.5	374.1	70.1	0.000439	0.00007	0.00004	11	1.6
24.17679	448.5	377.547303	70.1	0.000443	0.00007	0.00006	11	1.7
24.44173	448.075125	397.671885	70.1	0.000447	0.00007	0.00005	11	1.7
23.98436	447.250125	374.1	70.1	0.000439	0.00007	0.00012	11	1.7
24.03333	446.425125	374.1	70.1	0.000435	0.00007	0.00008	11	1.7
24.71014	445.600125	377.485714	70.1	0.000439	0.00007	0.00008	11	1.7
24.05226	445.631455	396.088901	70	0.000441	0.00007	0.00005	11	1.7
24.22848	446.469231	374.1	70	0.000445	0.00007	0.00007	11	1.7
25.18895	447.307007	374.1	70	0.000453	0.00008	0.00008	11	1.7
24.61819	448.144783	380.61	70	0.000452	0.00007	0.00006	11	1.7
24.42118	447.60907	396.492941	70	0.000444	0.00007	0.00008	11	1.7
23.93783	446.062315	374.1	70	0.000434	0.00007	0.00008	11	1.6
23.92081	444.515561	374.1	70	0.000429	0.00007	0.00012	11	1.7
23.48239	442.968807	374.1	70	0.00042	0.00007	0.00013	11	1.7
23.23605	441.9	402.595119	70.1	0.000421	0.00007	0.00018	11	1.7
22.99784	441.9	374.1	70.1	0.000418	0.00007	0.00018	11	1.7
22.89053	441.9	374.1	70.1	0.000421	0.00007	0.00018	11	1.7
22.94672	441.9	374.1	70.1	0.000427	0.00007	0.0002	11	1.7
23.0559	441.73411	406.321421	69.9	0.000431	0.00007	0.00018	11	1.7

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10:21:23.434	67.1	1922
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10:21:25.434	59.7	1916
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10:21:29.434	58.7	1910
10:21:30.434	61.7	1906
10:21:31.434	63.8	1907
10:21:32.434	65.7	1908
10:21:33.434	66.7	1912
10:21:34.434	68.6	1921
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10:21:36.434	84.4	1927

22.98429	440.92489	374.1	69.9	0.000414	0.00007	0.00019	11	1.7
22.29354	440.115669	374.1	70.1	0.000412	0.00007	0.00015	11	1.7
21.89099	439.306449	374.1	70.1	0.000408	0.00007	0.00022	11	1.7
21.96928	438.491957	404.892373	70	0.000404	0.00007	0.00021	11	1.7
21.87714	437.641222	374.1	70	0.000407	0.00007	0.00026	11	1.7
21.94667	436.790487	374.1	70.1	0.000406	0.00006	0.00026	11	1.7
21.65821	435.939753	374.1	70.1	0.000412	0.00007	0.00025	11	1.7
22.37165	435.503531	402.064158	70.1	0.000416	0.00007	0.00027	11	1.7
22.17471	436.324223	374.1	70.1	0.000417	0.00007	0.00021	11	1.7
22.69288	437.144914	374.1	70.1	0.000427	0.00007	0.00024	11	1.7
22.70649	437.965606	376.028778	70.1	0.000427	0.00007	0.0002	11	1.7
22.19	438.793167	405.664239	70	0.000426	0.00007	0.00019	11	1.7
22.46026	439.644121	377.2	70	0.000435	0.00007	0.00017	11	1.7
23.22579	440.495075	377.2	70	0.000443	0.00007	0.00019	11	1.7
23.05	441.346029	377.2	70	0.000444	0.00007	0.00017	11	1.7
23.57969	441.9	403.593291	69.9	0.00045	0.00007	0.00014	11	1.7
24.19131	441.9	377.2	69.9	0.000451	0.00007	0.00012	11	1.7
23.93785	441.9	377.2	69.9	0.00045	0.00007	0.00007	11	1.7
23.41	441.9	377.2	69.9	0.000436	0.00007	0.0001	11	1.7
23.70233	441.9	407.131602	70	0.000431	0.00007	0.00007	11	1.7
24.52129	441.9	377.2	70	0.000434	0.00007	0.00008	11	1.7
23.51229	441.9	377.2	70	0.000438	0.00007	0.00005	11	1.7
23.49	441.9	377.2	70	0.000439	0.00007	0.00005	11	1.7
24.07063	442.325192	406.181532	70	0.000441	0.00007	0.00007	11	1.7
24.24013	443.911731	377.2	70	0.000445	0.00007	0.00003	11	1.7
24.65868	445.498269	376.915135	70	0.00046	0.00007	0.00006	11	1.7
25.45965	447.084808	374.1	70	0.000479	0.00008	0.00002	11	1.8
26.12541	448.409058	410.051389	69.9	0.000487	0.00008	0.00004	11	1.8
25.40749	447.567007	374.1	69.9	0.000471	0.00008	0.00002	11	1.8
24.48685	446.724955	374.1	70.1	0.000451	0.00008	0.00005	11	1.8
23.76611	445.882904	374.1	70.1	0.00043	0.00008	0.00008	11	1.8
23.78553	445.354343	408.569218	70.1	0.000428	0.00008	0.0001	11	1.8
24.39958	446.170973	374.1	70.1	0.000441	0.00008	0.00015	11	1.8
24.77522	446.987602	374.1	70.1	0.000453	0.00008	0.00009	11	1.8
24.76071	447.804232	374.1	70.1	0.000455	0.00008	0.0001	11	1.8
24.97665	448.5	410.715429	70	0.000462	0.00008	0.00006	11	1.8
25.18805	448.5	375.301174	70	0.000464	0.00008	0.00005	11	1.8
24.86293	448.5	374.1	70	0.000458	0.00008	0.00002	11	1.8
25.58979	448.5	374.1	70	0.000461	0.00008	0.00001	11	1.8
25.69552	448.5	402.159429	70	0.000461	0.00008	0.00003	11	1.8
26.26814	448.5	377.783569	70	0.000468	0.00008	0.00001	11	1.8
25.48939	448.5	374.1	70.2	0.000461	0.00008	0.00002	11	1.8
25.08376	448.5	374.1	70.2	0.00045	0.00008	0.00002	11	1.8
24.72299	448.5	399.665217	70.1	0.000449	0.00008	0.00006	11	1.8
24.32302	447.739273	382.625	70.1	0.00044	0.00008	0.00005	11	1.8
23.98114	446.928262	374.1	70.1	0.000432	0.00008	0.00004	11	1.8
25.89501	446.117252	374.1	70.1	0.000511	0.00009	0.00006	11	1.8
32.33223	445.306242	392.964435	70.1	0.000535	0.0001	0	11	1.8
26.91439	469.246245	382.67189	70.1	0.00048	0.00009	0	11	1.8
26.27388	496.917413	370.8	70.1	0.000524	0.00009	0.007	11	1.7
28.19563	524.588581	373.708696	70.1	0.000625	0.00009	0.0287	11	1.7
29.49311	552.259749	400.490449	69.4	0.000711	0.00009	0.0469	11	1.7
30.39354	573.752785	424.541855	69.2	0.000771	0.0001	0.05676	11	1.7
32.10746	591.889798	380.007556	69.4	0.000821	0.00011	0.06201	11	1.7
34.03582	610.026811	385.413636	69.4	0.00085	0.00011	0.06417	11	1.7
35.54645	628.163825	402.157282	69.4	0.000917	0.00012	0.06776	11	1.7
37.23022	641.32192	464.222747	69.4	0.00095	0.00012	0.06984	11	1.7
38.27402	651.020089	410.484273	69.2	0.000986	0.00013	0.07971	11	1.7
39.38601	660.718258	421.982377	69.2	0.001029	0.00013	0.10482	11	1.7
39.06116	670.416428	448.245	69.3	0.001055	0.00013	0.14433	11	1.7
37.24587	662.441701	517.286202	69.3	0.000959	0.00012	0.14455	11	1.7
34.26792	639.890061	457.233796	69.5	0.000854	0.00011	0.09331	11	1.7
32.67135	617.33842	469.590566	69.6	0.00077	0.00015	0.03256	11	2.4

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10:21:45.434	55.5	1942
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10:22:26.434	74.2	1925
10:22:27.434	76	1925
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10:22:29.434	76.7	1923
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31.03241	594.78678	480.067026	70	0.000732	0.00023	0.01112	11	4
29.5271	572.463561	522.094658	70.1	0.000684	0.00027	0.00368	11	4.9
27.36577	550.439453	490.8	70.3	0.00059	0.0003	0.00151	11	6
25.761	528.415344	490.8	70.4	0.000496	0.00033	0.00073	11	7.1
23.55444	506.391236	490.8	70.5	0.000429	0.00031	0.0004	11	7.4
21.42439	485.213676	488.789141	70.5	0.000387	0.00029	0.00027	11	7.4
20.0864	465.066618	482.834722	70.8	0.000362	0.00026	0.00022	11	7
18.72773	444.919559	479.022973	70.9	0.000329	0.00021	0.00025	11	6.1
15.83026	424.7725	473.637097	70.6	0.000283	0.00016	0.00021	11	5.6
15.35457	403.790536	446.075	70.5	0.000253	0.00015	0.00019	11	5.3
15.45412	381.39306	465.409713	70.7	0.000232	0.00014	0.00022	11	5.2
15.47583	358.995584	461.701351	70.7	0.000211	0.00014	0.0002	11	5.1
15.60178	336.598107	456.710015	70.8	0.000184	0.00014	0.00018	11	5
15.32218	318.707947	391.327259	70.8	0.000155	0.00013	0.00011	11	4.8
15.26121	314.339733	448.041038	70.6	0.000139	0.00012	0.00007	11	4.3
15.21657	309.97152	441.9	70.5	0.000135	0.00011	0.00007	11	4.1
16.22435	305.603307	440.161051	70.2	0.000159	0.00011	0.00005	11	3.8
19.02078	305.70218	370.718527	70.1	0.000225	0.00011	0.00008	11	3.4
21.80268	323.89501	428.425372	69.7	0.000295	0.00012	0.00006	11	3.1
23.13105	342.087839	424.415832	69.6	0.00032	0.00012	0.00005	11	3.1
23.76519	360.280669	417.116	69.4	0.000365	0.00013	0.00003	11	3
24.51371	378.463654	397.369373	69.4	0.000418	0.00013	0.00004	11	3
25.95828	396.515853	404.423611	69.4	0.000466	0.00014	0.00001	11	3
27.42064	414.568052	399.523786	69.4	0.000499	0.00015	0	11	2.9
27.93856	432.620251	395.7	69.4	0.000515	0.00015	0	11	2.9
27.91105	450.67245	413.687907	69.4	0.000517	0.00015	0	11	2.9
27.91156	454.3317	397.462745	69.6	0.000508	0.00015	0	11	2.9
26.83486	456.940819	387.025265	69.7	0.000493	0.00014	0	11	2.8
26.14218	459.549939	386.4	69.7	0.000462	0.00013	0	11	2.8
24.35146	462.159059	405.799213	69.7	0.000443	0.00013	0	11	2.8
23.59121	459.030659	396.621146	70	0.000426	0.00012	0	11	2.8
23.52732	454.735423	383.3	70.1	0.000416	0.00012	0	11	2.8
23.46221	450.440188	380.4313	70.1	0.000415	0.00012	0	11	2.9
22.65095	446.144952	392.351367	70.1	0.000417	0.00012	0	11	2.9
22.84714	445.2	393.144792	70.1	0.000422	0.00012	0	11	2.9
23.1709	445.2	380.3	70.1	0.000426	0.00012	0	11	2.9
22.92679	445.2	380.3	70.1	0.000431	0.00012	0	11	2.9
23.31397	445.2	384.037219	70.1	0.000432	0.00012	0	11	2.9
23.43677	445.631601	400.96737	70.1	0.000431	0.00012	0	11	2.9
23.68323	446.444409	380.3	70.1	0.000438	0.00013	0	11	2.9
23.57348	447.257217	380.3	70.1	0.000437	0.00013	0	11	3
23.54331	448.070025	380.3	70.1	0.000434	0.00013	0	11	3
23.76679	448.124656	403.99264	70.1	0.000432	0.00013	0	11	3
23.25026	447.327747	380.3	70.1	0.000427	0.00013	0	11	3
22.96517	446.530838	380.3	70	0.000419	0.00012	0	11	2.9
22.77121	445.733929	380.3	70	0.000404	0.00012	0	11	2.9
22.17223	444.927546	407.250545	70	0.0004	0.00012	0.00001	11	2.9
22.09745	444.101926	380.3	70	0.000408	0.00012	0.00002	11	2.9
22.73442	443.276307	380.3	70.1	0.000423	0.00012	0.00001	11	3
22.30378	442.450688	380.3	70.1	0.000427	0.00012	0.00006	11	3
22.59198	442.171938	405.834783	70.2	0.000436	0.00012	0.00004	11	3
23.13699	442.988567	380.3	70.2	0.000444	0.00013	0.00006	11	3
23.8	443.805197	380.3	70.4	0.000446	0.00013	0.00004	11	3
23.54049	444.621826	380.3	70.5	0.000443	0.00013	0.00005	11	3
22.95143	444.72297	408.10423	70.1	0.000425	0.00013	0.00005	11	3.1
21.91065	443.089307	380.3	70	0.000411	0.00013	0.00009	11	3.1
22.20421	441.455644	380.3	70	0.000404	0.00012	0.00014	11	3.1
22.15249	439.82198	380.3	70	0.000405	0.00012	0.00012	11	3.1
22.08487	438.994684	406.8	70.1	0.000408	0.00012	0.00015	11	3.1
22.82422	440.560892	380.3	70.1	0.000424	0.00012	0.00011	11	3
23.62856	442.1271	380.3	70.1	0.000441	0.00013	0.00011	11	3
23.94984	443.693308	380.3	70.1	0.000455	0.00013	0.0001	11	3.1
24.65845	445.297943	407.2335	69.9	0.000467	0.00013	0.00007	11	3

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10:22:47.434	75.1	1925
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10:22:50.434	74.8	1927
10:22:51.434	74.1	1926
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10:22:53.434	75.7	1927
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10:23:27.434	69.9	1927
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10:23:39.434	77	1922
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25.83891	447.87539	384.416551	69.9	0.000479	0.00013	0.00006	11	2.9
26.28985	450.452838	380.3	70.1	0.000489	0.00013	0.00001	11	2.8
26.15733	453.030285	380.3	70.1	0.000482	0.00013	0.00001	11	2.7
26.16354	455.597171	407.926299	70	0.000473	0.00013	0	11	2.7
25.20551	454.654015	383.848808	69.9	0.000464	0.00012	0.00001	11	2.7
24.95444	453.710859	380.3	70	0.00046	0.00012	0	11	2.5
25.01116	452.767703	380.3	70	0.000459	0.00011	0.00004	11	2.5
24.59609	451.833642	411.573563	70	0.000456	0.00011	0.00003	11	2.5
24.39478	451.004172	384.449234	70	0.000448	0.00011	0.00005	11	2.5
24.43419	450.174701	377.631146	70.1	0.000443	0.00011	0.0001	11	2.5
24.24065	449.345231	377.2	70.1	0.000439	0.00011	0.00005	11	2.5
24.10534	448.51576	402.464239	70.1	0.00044	0.0001	0.00009	11	2.4
24.39095	448.5	381.34	70.1	0.000434	0.0001	0.00005	11	2.3
24.10715	448.5	377.2	70.1	0.000444	0.0001	0.00005	11	2.2
24.28622	448.5	377.2	70.1	0.000452	0.0001	0.00002	11	2.2
24.9079	448.5	397.522222	70.2	0.000457	0.0001	0	11	2.2
26.02055	450.089048	384.415343	70.3	0.000469	0.0001	0.00002	11	2.2
25.85826	451.868496	377.2	70.1	0.000471	0.0001	0.00002	11	2.2
25.966	453.647945	377.2	70	0.000478	0.0001	0.00005	11	2.1
25.96615	455.427393	399.48277	70	0.000478	0.0001	0.00001	11	2.1
25.94563	456.380178	385.278091	70	0.000472	0.0001	0.00002	11	2.1
27.03129	457.244162	377.2	70.1	0.000476	0.0001	0.00002	11	2
26.92908	458.108146	374.1	70.1	0.000481	0.0001	0.00002	11	2
25.87696	458.97213	398.137377	70.1	0.000472	0.00009	0.00004	11	2
25.06317	456.226231	387.766667	70.1	0.00046	0.00009	0.00001	11	2
24.26015	452.853264	374.1	70.1	0.000447	0.00009	0.00005	11	1.9
23.83069	449.480296	374.1	70.1	0.000433	0.00008	0.00007	11	1.9
23.31778	446.107328	387.913714	70.1	0.000424	0.00008	0.00015	11	1.9
23.30581	443.984736	385.499644	70.1	0.000418	0.00008	0.00013	11	1.8
22.83255	442.322267	374.1	70.1	0.000406	0.00007	0.00012	11	1.8
22.19488	440.659798	374.1	70.1	0.000402	0.00007	0.00012	11	1.8
21.925	438.99733	388.232022	70.1	0.0004	0.00007	0.00013	11	1.8
22.20675	438.6	387.379412	70.1	0.000412	0.00007	0.00017	11	1.7
22.90871	438.6	374.1	70.1	0.00043	0.00007	0.00014	11	1.7
22.73388	438.6	374.1	70.1	0.000436	0.00007	0.00018	11	1.7
23.07224	438.6	381.321488	70.1	0.000442	0.00007	0.00011	11	1.7
23.52063	439.087417	391.29773	70.1	0.000439	0.00007	0.00013	11	1.7
23.31922	439.898427	374.1	70	0.00044	0.00007	0.00012	11	1.7
23.49277	440.709437	374.1	70	0.00044	0.00007	0.00012	11	1.7
23.33759	441.520447	377.630243	70.1	0.000434	0.00007	0.00014	11	1.7
23.21985	441.471909	396.756035	70.1	0.000426	0.00007	0.00013	11	1.7
23.26395	440.667228	377.2	70.1	0.000426	0.00007	0.00019	11	1.7
23.48485	439.862546	377.2	70.1	0.000429	0.00007	0.00014	11	1.7
23.06932	439.057864	377.2	70	0.000424	0.00007	0.00014	11	1.7
22.39312	437.504616	399.618281	70	0.000409	0.00007	0.0001	11	1.7
21.80711	434.963122	377.2	70	0.000401	0.00007	0.00014	11	1.7
21.70917	432.421629	377.2	70	0.000393	0.00007	0.00016	11	1.7
20.91919	429.880135	378.533764	70.1	0.00039	0.00007	0.00013	11	1.7
21.57932	428.317964	392.563761	70.1	0.000392	0.00007	0.00015	11	1.7
21.58328	427.479641	377.2	70.1	0.000392	0.00007	0.0001	11	1.7
21.50013	426.641317	377.2	70.1	0.000391	0.00007	0.00012	11	1.7
21.74162	425.802994	377.2	70.1	0.000389	0.00007	0.0001	11	1.7
21.37546	425.644065	395.094035	70.1	0.00039	0.00007	0.00013	11	1.7
21.64453	426.504227	377.2	70.1	0.0004	0.00007	0.00013	11	1.7
22.69288	427.364389	377.2	70.1	0.000427	0.00007	0.0001	11	1.7
22.59982	428.224551	377.2	70	0.00044	0.00007	0.00007	11	1.7
24.84011	430.348124	398.580792	70	0.000456	0.00008	0.00001	11	1.7
25.84848	435.025237	377.2	69.8	0.000481	0.00008	0	11	1.7
26.61408	439.70235	377.2	69.7	0.000501	0.00008	0	11	1.7
26.98293	444.379463	377.2	69.7	0.00051	0.00009	0	11	1.8
27.93985	448.923285	410.880121	69.7	0.000513	0.00009	0	11	1.8
27.99421	452.480298	377.2	69.7	0.000521	0.00009	0	11	1.8
28.49	456.037311	376.387297	69.7	0.000526	0.00009	0	11	1.8

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10:23:52.434	72.7	1927
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10:24:41.434	74.5	1914
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10:24:45.434	74.9	1917

28.18041	459.594324	374.1	69.7	0.000527	0.00009	0	11	1.8
27.98718	462.732966	417.973938	69.7	0.000521	0.00009	0	11	1.8
27.91456	463.590809	375.227941	69.7	0.000518	0.00009	0	11	1.8
28.21878	464.448652	374.1	69.7	0.000522	0.00009	0	11	1.8
27.96829	465.306495	374.1	69.8	0.000519	0.00009	0	11	1.8
27.98664	465.844849	413.846875	69.9	0.000509	0.00009	0	11	1.8
27.28006	462.442837	378.6	69.9	0.000492	0.00009	0	11	1.8
25.26764	459.040824	374.1	69.9	0.000475	0.00008	0	11	1.7
25.00802	455.638812	374.1	70.1	0.000461	0.00008	0	11	1.7
24.95165	452.236799	396.203692	70.2	0.000446	0.00008	0	11	1.7
24.483	450.416052	382.39085	70.2	0.000444	0.00008	0	11	1.7
24.81707	448.769051	374.1	70.2	0.00044	0.00008	0	11	1.8
24.15342	447.12205	374.1	70.2	0.000435	0.00008	0	11	1.8
23.89759	445.475049	393.253879	70.2	0.000432	0.00008	0	11	1.8
23.41372	445.2	381.133731	70.1	0.00043	0.00008	0	11	1.8
23.99544	445.2	374.1	70.1	0.000431	0.00008	0	11	1.8
24.08927	445.2	370.8	70.1	0.000435	0.00008	0	11	1.8
24.29543	445.2	396.307093	70.1	0.000441	0.00008	0	11	1.8
24.40001	445.2	382.225344	70	0.000443	0.00008	0	11	1.8
24.31613	445.2	371.428908	70	0.000445	0.00008	0	11	1.8
24.72391	445.2	374.1	70	0.000447	0.00008	0	11	1.8
24.13722	445.2	393.257231	70	0.000446	0.00008	0	11	1.8
23.75445	443.854684	384.425884	70.1	0.000443	0.00008	0	11	1.8
23.59818	442.231866	374.1	70.1	0.000428	0.00007	0	11	1.8
22.85182	440.609048	374.1	70.1	0.000418	0.00007	0	11	1.8
23.73588	438.986231	387.845902	70.1	0.000425	0.00007	0	11	1.8
24.36081	440.436368	388.119006	70.1	0.000444	0.00008	0	11	1.8
25.15799	442.8463	374.1	70.1	0.000457	0.00008	0	11	1.8
25.4137	445.256232	374.1	69.9	0.000475	0.00008	0	11	1.8
26.96431	447.666164	385.172045	69.9	0.000501	0.00009	0	11	1.8
28.32423	453.541745	393.247059	69.9	0.000526	0.00009	0	11	1.7
29.24448	461.250836	374.1	69.9	0.000552	0.00009	0	11	1.7
30.09843	468.959927	374.1	69.7	0.000583	0.0001	0	11	1.7
32.23307	476.669018	379.685554	69.7	0.000637	0.00011	0	11	1.7
33.03418	484.963858	407.029801	69.6	0.000651	0.00011	0	11	1.7
33.12905	493.780224	374.1	69.6	0.000679	0.00011	0	11	1.7
33.8147	502.59659	374.1	69.5	0.000691	0.00011	0	11	1.7
33.25349	511.412957	374.1	69.5	0.000682	0.00011	0	11	1.7
32.23721	514.896608	425.176591	69.5	0.000658	0.00011	0	11	1.7
31.5408	511.106085	374.1	69.5	0.000643	0.0001	0	11	1.7
30.13753	507.315561	375.704849	69.7	0.000629	0.0001	0	11	1.7
27.16894	503.525037	377.2	69.7	0.00058	0.0001	0	11	1.7
27.99941	495.637903	423.434653	70.1	0.000504	0.00009	0	11	1.7
24.95151	481.928226	378.152208	70.2	0.000428	0.00008	0	11	1.8
22.5031	468.218548	380.3	70.3	0.000384	0.00007	0	11	1.8
21.04255	454.508871	380.3	70.4	0.00037	0.00007	0	11	1.8
19.97455	439.295063	407.398837	70.5	0.000356	0.00006	0.00012	11	1.8
19.0925	420.89962	380.3	70.5	0.000335	0.00006	0.00024	11	1.8
16.78022	402.504178	380.3	70.7	0.000296	0.00005	0.00017	11	1.8
15.21029	384.108735	380.3	70.7	0.000259	0.00005	0.00018	11	1.8
15.01937	366.599879	374.499444	70.7	0.00024	0.00005	0.00025	11	1.8
15.37861	356.413574	380.181998	70.7	0.000233	0.00005	0.00034	11	1.8
15.32266	346.227268	380.3	70.7	0.000222	0.00005	0.00033	11	1.8
15.22242	336.040963	380.3	70.7	0.000216	0.00005	0.00026	11	1.8
18.38207	325.854658	360.758256	70.4	0.000248	0.00006	0.00021	11	1.8
21.67859	339.843152	374.824632	70.3	0.000299	0.00007	0.00013	11	1.8
22.16	354.451514	377.614908	69.8	0.000323	0.00007	0	11	1.8
23.93217	369.059875	377.2	69.7	0.000364	0.00008	0	11	1.8
25.19056	383.668236	378.794799	69.6	0.000431	0.00008	0	11	1.8
27.28428	399.158984	375.82146	69.6	0.000487	0.00009	0	11	1.8
28.19334	414.852691	374.1	69.5	0.000511	0.00009	0	11	1.8
28.44744	430.546399	370.8	69.5	0.000513	0.00009	0	11	1.8
28.39136	446.240106	392.377279	69.5	0.000506	0.00009	0	11	1.8

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0	0.49779
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0	0.49797
0	0.49806
0	0.49815

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10:24:50.434	73.6	1926
10:24:51.434	74	1927
10:24:52.434	74.1	1927
10:24:53.434	72.9	1927
10:24:54.434	72.7	1930
10:24:55.434	72.1	1928
10:24:56.434	72.9	1928
10:24:57.434	74.1	1926
10:24:58.434	73.9	1926
10:24:59.434	73.9	1926
10:25:00.434	73.9	1927
10:25:01.434	73.7	1926
10:25:02.434	74.2	1926
10:25:03.434	74.1	1924
10:25:04.434	72.8	1925
10:25:05.434	72.2	1928
10:25:06.434	73.5	1926
10:25:07.434	74.6	1926
10:25:08.434	72.9	1924
10:25:09.434	72.3	1925
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10:25:26.434	62	1918
10:25:27.434	56.7	1921
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10:25:29.434	54.4	1928
10:25:30.434	53.4	1927
10:25:31.434	55.2	1927
10:25:32.434	54.6	1927
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10:25:34.434	55.1	1927
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10:25:36.434	57.3	1926
10:25:37.434	55.3	1928
10:25:38.434	57.7	1926
10:25:39.434	63.6	1929
10:25:40.434	67.3	1927
10:25:41.434	67.7	1928
10:25:42.434	73.4	1931
10:25:43.434	74.3	1923
10:25:44.434	74.1	1926
10:25:45.434	74.8	1925
10:25:46.434	75.8	1926
10:25:47.434	75.1	1925
10:25:48.434	75.3	1925

28.15143	449.954319	381.504764	69.5	0.000504	0.00009	0	11	1.8
27.24058	451.65329	367.7	69.6	0.000498	0.00009	0	11	1.8
26.02336	453.352261	367.7	69.6	0.000484	0.00009	0	11	1.8
26.30022	455.051232	377.847691	69.9	0.000473	0.00009	0	11	1.8
25.58512	453.947618	389.373382	70	0.000463	0.00009	0	11	1.8
24.69939	451.506876	367.7	70.1	0.000454	0.00008	0	11	1.8
24.09824	449.066135	367.7	70.1	0.000442	0.00008	0	11	1.8
23.73716	446.625393	367.7	70.1	0.000429	0.00008	0.00002	11	1.9
23.2785	444.510843	395.753169	70.1	0.000425	0.00008	0.00004	11	1.9
23.37999	442.854217	367.7	70.1	0.000411	0.00008	0.00007	11	1.9
23.2802	441.19759	367.7	70.1	0.000414	0.00008	0.00004	11	1.9
22.95751	439.540964	367.7	70.1	0.000421	0.00008	0.00009	11	1.9
23.50257	438.6	393.472255	70.1	0.000434	0.00008	0.00006	11	1.9
23.29602	438.6	367.7	70.1	0.000434	0.00008	0.00009	11	1.9
23.45064	438.6	367.7	70.1	0.000433	0.00008	0.00008	11	1.9
23.35414	438.6	367.7	70	0.000433	0.00008	0.00011	11	1.9
23.43877	438.88624	396.182948	70	0.000438	0.00008	0.00012	11	1.9
23.71866	439.670461	367.7	70	0.00044	0.00008	0.00008	11	1.9
23.78293	440.454682	367.7	70	0.000437	0.00008	0.00011	11	1.9
23.56636	441.238902	369.599209	70	0.000432	0.00008	0.00009	11	1.9
23.2637	441.772734	405.65875	70	0.000418	0.00008	0.00012	11	1.9
23.05281	440.962122	371.610357	70.1	0.000423	0.00008	0.00009	11	1.9
23.21818	440.151511	370.8	70.1	0.000415	0.00008	0.00013	11	1.9
21.88318	439.340899	370.8	70.1	0.000409	0.00008	0.00012	11	1.9
21.9755	438.6	400.660386	70.1	0.000403	0.00007	0.00012	11	1.9
21.97	438.6	373.924118	70.1	0.000404	0.00007	0.00016	11	1.9
22.6145	438.6	370.8	70.1	0.000411	0.00008	0.00014	11	1.9
22.68768	438.6	370.8	70	0.000431	0.00008	0.00017	11	1.9
23.60192	438.6	394.845625	70	0.000446	0.00008	0.00015	11	1.9
24.57688	440.108247	382.099265	70	0.00046	0.00008	0.00016	11	1.9
24.96722	441.728277	374.1	70	0.00047	0.00009	0.00013	11	1.9
24.23345	443.348306	374.1	70	0.000447	0.00008	0.00011	11	1.9
23.49938	444.968336	393.977958	70	0.000435	0.00008	0.00012	11	1.8
23.64447	445.893332	385.706029	70	0.000437	0.00008	0.00014	11	1.8
24.82401	446.702354	374.1	70	0.000452	0.00008	0.00021	11	1.8
25.39625	447.511375	374.1	70	0.000465	0.00008	0.00014	11	1.8
24.80254	448.320397	387.943279	70	0.000471	0.00008	0.00012	11	1.8
29.1331	459.494861	389.03773	69.9	0.000619	0.00011	0.00012	11	1.7
28.80246	473.627073	374.1	69.9	0.000513	0.00009	0.00009	11	1.7
28.29195	487.759285	374.1	70	0.000517	0.00009	0.00186	11	1.7
28.53606	501.891497	378.728922	70	0.000616	0.00009	0.01874	11	1.7
28.44	523.926403	414.293366	69.9	0.00069	0.00009	0.04197	11	1.6
27.38662	553.959406	375.639352	69.9	0.00069	0.00008	0.04664	11	1.5
26.10164	583.992409	379.191689	69.9	0.000661	0.00008	0.04352	11	1.5
25.66819	614.025413	398.806616	69.9	0.000636	0.00008	0.03755	11	1.5
25.63604	632.452613	463.029633	70.1	0.000632	0.00008	0.03175	11	1.5
25.57456	641.686686	394.87534	70.1	0.000629	0.00007	0.02559	11	1.5
25.30423	650.920759	400.56597	70.1	0.000621	0.00007	0.02127	11	1.5
25.36202	660.154832	408.158455	70.1	0.000619	0.00007	0.01874	11	1.5
25.28941	667.952974	515.036769	70.1	0.000622	0.00007	0.01853	11	1.5
25.42603	673.274428	423.941176	70.1	0.000624	0.00007	0.01993	11	1.5
25.49292	678.595882	433.5664	70	0.000623	0.00007	0.02432	11	1.5
25.69179	683.917337	440.733535	70	0.000625	0.00007	0.03189	11	1.5
26.59149	679.167206	563.909091	69.8	0.000572	0.00007	0.03203	11	1.5
23.91685	637.425178	456.747317	69.7	0.000515	0.00006	0.01689	11	1.6
22.86	595.683151	466.901316	70	0.00051	0.00006	0.00591	11	1.6
22.39868	553.941123	476.197895	70.1	0.000492	0.00006	0.00183	11	1.6
22.07955	512.570473	494.435625	70.1	0.000485	0.00006	0.00067	11	1.6
22.39991	501.776584	488.168859	70.1	0.000459	0.00006	0.00025	11	1.6
22.49636	490.982695	487.3	70.1	0.000435	0.00006	0.00014	11	1.6
23.05924	480.188805	487.3	70.1	0.000428	0.00006	0.00006	11	1.6
22.82555	469.549237	480.267838	70.1	0.00042	0.00006	0.00002	11	1.6
23.07185	466.877481	480.155217	70.1	0.00042	0.00006	0	11	1.6

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10:25:50.434	76	1924
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10:25:52.434	75.4	1922
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10:25:54.434	76.1	1923
10:25:55.434	76.9	1920
10:25:56.434	76.9	1920
10:25:57.434	76.9	1924
10:25:58.434	77.3	1922
10:25:59.434	76.6	1924
10:26:00.434	75	1921
10:26:01.434	77.1	1921
10:26:02.434	75.9	1923
10:26:03.434	75.3	1921
10:26:04.434	74.5	1924
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10:26:06.434	75.3	1924
10:26:07.434	75.7	1922
10:26:08.434	76.7	1924
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10:26:33.434	75.4	1927
10:26:34.434	73.8	1924
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10:26:36.434	76.5	1926
10:26:37.434	76.6	1925
10:26:38.434	77	1929
10:26:39.434	76.7	1917
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10:26:48.434	75.4	1924
10:26:49.434	75	1931
10:26:50.434	73.2	1920
10:26:51.434	74.7	1918

23.4882	464.205725	476.77	70	0.000425	0.00006	0	11	1.5
23.32644	461.533969	471.803343	70	0.000439	0.00007	0	11	1.5
23.24271	459.023408	463.412903	70	0.000437	0.00007	0	11	1.6
22.75274	458.162823	459.07598	70	0.000437	0.00006	0	11	1.5
24.51397	457.302238	455.644608	70	0.000454	0.00007	0	11	1.5
23.97218	456.441652	449.376097	70	0.000462	0.00007	0	11	1.5
24.82457	455.637884	448.024628	70	0.000468	0.00007	0	11	1.5
25.2099	457.359902	439.393485	70	0.000482	0.00007	0	11	1.5
26.53884	459.081919	435.264276	69.9	0.00049	0.00007	0	11	1.5
26.95816	460.803936	430.873298	69.9	0.000493	0.00007	0	11	1.5
27.33739	462.525953	439.606144	69.9	0.000499	0.00008	0	11	1.5
27.78825	464.24635	426.932344	69.9	0.000508	0.00008	0	11	1.5
28.19192	465.966675	419.489911	69.9	0.000516	0.00008	0	11	1.6
28.36	467.686999	415.007037	69.9	0.00052	0.00008	0	11	1.6
28.41037	469.407324	428.257407	69.9	0.000517	0.00008	0	11	1.6
27.91519	470.344075	416.001864	69.9	0.000506	0.00008	0	11	1.6
28.27299	471.181997	406.247353	69.9	0.000511	0.00008	0	11	1.5
28.61502	472.019919	405.460453	69.9	0.000522	0.00008	0	11	1.5
28.42274	472.857841	415.063713	69.9	0.00052	0.00008	0	11	1.5
28.7937	473.1	414.526007	69.9	0.000518	0.00008	0	11	1.5
28.53033	473.1	398.8	69.9	0.000511	0.00008	0	11	1.6
28.13	473.1	398.8	69.9	0.000509	0.00008	0	11	1.6
28.28953	473.1	413.38375	70	0.000509	0.00008	0	11	1.6
27.07864	471.803204	409.195842	70	0.000492	0.00008	0	11	1.6
26.5557	470.116863	392.6	70	0.000485	0.00008	0	11	1.7
26.34253	468.430523	392.6	70	0.000475	0.00008	0	11	1.7
26.38958	466.744182	401.736458	70.1	0.000472	0.00008	0	11	1.7
26.66065	465.568289	412.648762	70.1	0.000477	0.00008	0	11	1.7
26.24675	464.707915	391.123966	70.1	0.000473	0.00008	0	11	1.7
26.37953	463.847542	389.5	70.1	0.000471	0.00008	0	11	1.7
26.33135	462.987168	394.003295	70.1	0.000472	0.00008	0.00001	11	1.7
26.98682	463.072857	412.119352	70.1	0.000479	0.00008	0	11	1.7
27.44108	463.932596	388.376592	70	0.000486	0.00008	0.00001	11	1.7
27.54055	464.792336	386.4	70	0.000497	0.00008	0.00002	11	1.7
26.8661	465.652076	386.4	70	0.000497	0.00008	0.00001	11	1.7
27.37773	466.1	413.748039	70	0.000499	0.00008	0.00002	11	1.7
27.68775	466.1	386.4	70	0.000503	0.00009	0	11	1.7
27.79676	466.1	386.4	70	0.000498	0.00008	0.00001	11	1.7
26.99959	466.1	386.4	70	0.000491	0.00008	0	11	1.7
27.59724	465.817172	419.647867	70	0.000486	0.00008	0.00002	11	1.7
26.4991	464.95489	385.91198	70	0.000482	0.00008	0.00003	11	1.7
25.75044	464.092609	383.3	70	0.000477	0.00008	0.00001	11	1.7
26.02471	463.230328	383.3	70	0.000474	0.00008	0.00005	11	1.7
26.2998	462.370366	418.717042	70	0.000471	0.00008	0.00001	11	1.7
26.38124	461.516707	383.3	70	0.00047	0.00008	0.00001	11	1.7
25.71015	460.663049	383.3	70	0.000464	0.00008	0	11	1.7
25.62429	459.80939	383.3	70.1	0.000462	0.00008	0	11	1.7
25.53442	459.1	420.861943	70.1	0.000463	0.00008	0	11	1.8
25.80904	459.1	383.3	70.1	0.000466	0.00008	0	11	1.8
26.00347	459.1	383.3	70.1	0.000464	0.00008	0	11	1.8
25.36228	459.1	380.3	70.1	0.000466	0.00008	0	11	1.8
24.95285	459.067944	413.022034	70.1	0.000459	0.00008	0	11	1.8
25.32079	458.224367	385.337265	70	0.000455	0.00008	0	11	1.8
26.03656	457.380791	380.3	70	0.000466	0.00009	0.00001	11	1.8
25.69521	456.537214	380.3	70	0.00047	0.00009	0	11	1.8
26.41835	455.693637	401.78019	70	0.000479	0.00009	0	11	1.8
25.91426	456.374198	388.844115	70	0.000473	0.00009	0	11	1.8
25.86345	457.245061	380.3	70	0.000465	0.00009	0	11	1.8
25.53608	458.115924	380.3	70	0.000467	0.00009	0	11	1.8
25.71886	458.986788	401.472019	70	0.000472	0.00009	0	11	1.8
25.86525	458.357498	392.339961	70	0.000474	0.00009	0.00001	11	1.8
25.33041	457.504048	380.3	70	0.000466	0.00009	0.00001	11	1.9
26.17936	456.650597	380.3	70	0.000469	0.00009	0.00002	11	1.9

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0	0.50807

10:26:52.434	73.9	1919
10:26:53.434	74.4	1926
10:26:54.434	75.1	1926
10:26:55.434	77	1920
10:26:56.434	78	1925
10:26:57.434	76.7	1921
10:26:58.434	76.7	1923
10:26:59.434	75.5	1920
10:27:00.434	76.1	1925
10:27:01.434	76.6	1924
10:27:02.434	77.4	1918
10:27:03.434	76.6	1921
10:27:04.434	72.3	1920
10:27:05.434	29.9	1919
10:27:06.434	0.8	1893
10:27:07.434	0	1863
10:27:08.434	0	1830
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10:27:17.434	0	1540
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10:27:20.434	9.8	1475
10:27:21.434	18.2	1459
10:27:22.434	22.1	1444
10:27:23.434	24	1431
10:27:24.434	32.2	1422
10:27:25.434	37.1	1413
10:27:26.434	46.1	1405
10:27:27.434	55.6	1401
10:27:28.434	62.9	1399
10:27:29.434	62	1403
10:27:30.434	52	1402
10:27:31.434	53.4	1399
10:27:32.434	56.1	1399
10:27:33.434	51.4	1391
10:27:34.434	50.5	1386
10:27:35.434	49.9	1382
10:27:36.434	50.2	1372
10:27:37.434	51.7	1374
10:27:38.434	53.5	1368
10:27:39.434	66.1	1372
10:27:40.434	80.8	1377
10:27:41.434	84.3	1387
10:27:42.434	93.2	1404
10:27:43.434	99.5	1424
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10:27:45.434	99.6	1482
10:27:46.434	97.9	1515
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10:27:48.434	99	1584
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10:27:51.434	91.2	1661
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10:27:54.434	76.1	1688

25.83	455.797147	396.949786	70	0.000473	0.00009	0.00002	11	1.9
25.32336	455.6	395.881809	70	0.000468	0.00009	0.00001	11	1.9
25.49125	455.6	380.3	70	0.000466	0.00009	0.00004	11	1.9
25.92596	455.6	380.3	70	0.00047	0.00009	0.00003	11	1.9
25.52722	455.6	387.164365	70	0.000469	0.00009	0.00005	11	1.9
25.11735	455.09228	402.725818	70	0.00046	0.00009	0.00002	11	1.9
25.06409	454.19683	380.3	70	0.000457	0.00009	0	11	1.9
24.91424	453.301379	380.3	70	0.000459	0.00009	0	11	1.9
25.10772	452.405929	380.3	70	0.000453	0.00009	0	11	1.9
24.85925	452.666895	406.597747	70.2	0.000458	0.00009	0	11	1.9
25.90724	454.429873	380.3	70.3	0.000471	0.00009	0.00001	11	1.9
26.40333	456.19285	380.3	70.1	0.00048	0.00009	0.00005	11	1.9
26.72916	457.955828	380.3	70.1	0.000488	0.00009	0.00001	11	1.9
23.95796	443.166061	412.747059	69.9	0.000446	0.00009	0.00001	11	1.9
13.90322	397.770222	380.3	69.9	0.000303	0.00007	0.00001	11	1.9
21.42617	352.374384	379.360606	69.4	0.000336	0.0001	0.00004	11	2
32.93258	306.978546	377.2	69.2	0.000215	0.00012	0.00001	11	2
31.5549	265.78777	323.752967	67.5	0.000097	0.00012	0	11	2.1
31.09101	245.127594	374.049703	66.9	0.000053	0.00011	0	11	2
30.64404	224.467419	370.858407	64.4	0.000032	0.0001	0	11	1.9
29.86034	203.807243	367.7	63.6	0.000023	0.0001	0	11	1.9
29.09839	183.147067	299.999296	61.6	0.000022	0.0001	0	11	1.9
28.56094	175.791771	343.192574	61	0.000015	0.00007	0	11	1.9
14.49683	169.005297	356.770854	59.4	0.000009	0.00004	0	11	1.9
12.41946	162.218822	355.358051	58.9	0.00001	0.00005	0	11	1.9
25.31054	155.432348	313.254351	57.5	0.000019	0.00009	0	11	1.9
26.37254	152.316403	307.384582	57	0.00002	0.00009	0	11	2
14.28755	150.558051	339.216415	55.7	0.000012	0.00006	0	11	2
10.02	148.799699	337.4	55.2	0.000008	0.00004	0	11	2
11.28902	147.041346	294.935714	54	0.000008	0.00004	0	11	2
11.41988	154.94273	291.333994	53.6	0.000008	0.00004	0	11	2
11.32104	166.081222	326.744896	52.8	0.000012	0.00004	0	11	2
11.39473	177.219714	323.264202	52.5	0.00003	0.00004	0	11	2
11.29005	188.358206	302.367056	51.9	0.000052	0.00004	0	11	2.1
11.20295	202.865033	287.954739	51.7	0.000071	0.00004	0	11	2
12.78202	218.878105	312.076087	51.2	0.000096	0.00004	0	11	2
15.50474	234.891176	308.370771	51.1	0.000149	0.00005	0.00003	11	2
15.81766	250.904248	297.641725	51	0.000189	0.00005	0.00001	11	2
12.19159	261.287737	293.044208	50.9	0.000186	0.00004	0.00001	11	1.9
11.11221	269.405181	300.423847	50.9	0.000172	0.00004	0	11	1.9
11.59142	277.522625	297.169559	50.9	0.000162	0.00004	0.00006	11	1.9
10.82111	285.640069	295.400139	50.7	0.000158	0.00003	0.00016	11	1.9
10.75455	287.092289	293.131318	50.6	0.000161	0.00003	0.00015	11	1.9
10.73221	285.11091	293.8	50.4	0.000161	0.00003	0.00017	11	1.9
10.8	283.12953	293.8	50.4	0.000162	0.00003	0.00019	11	1.9
10.98817	281.14815	290.929817	50.3	0.000167	0.00003	0.00021	11	1.9
11.72916	286.626796	287.295243	50.2	0.000166	0.00003	0.00019	11	1.9
13.60181	300.484111	291.1	49.9	0.000192	0.00004	0.00017	11	1.9
19.16346	314.341427	291.1	49.8	0.00027	0.00005	0.00017	11	1.9
21.34786	328.198742	291.1	49.7	0.000355	0.00007	0.00008	11	1.9
26.6198	350.248745	311.963101	49.7	0.000485	0.00009	0.0001	11	1.9
27.61019	388.489057	294.249787	50.8	0.000571	0.00009	0.00009	11	1.9
29.24814	426.729369	296.6	51.2	0.00065	0.0001	0.00004	11	1.9
33.17525	464.969681	298.457761	52.1	0.000751	0.00012	0	11	2
34.45682	497.706699	391.916012	52.4	0.000883	0.00015	0	11	2
38.94219	512.327726	308.431601	54.1	0.000782	0.00013	0	11	2
31.45158	526.948753	314.415906	54.7	0.000723	0.00012	0	11	2
31.46011	541.56978	318.423277	56.6	0.000734	0.00013	0	11	2
34.32688	552.199094	437.12932	57.3	0.000726	0.00012	0	11	2
29.18408	538.906042	335.330118	58.8	0.000627	0.00011	0	11	2
23.58051	525.612991	337.407754	59.3	0.000544	0.0001	0	11	2
24.48349	512.31994	343.2	60.4	0.000488	0.00009	0	11	2
22.18635	500.873313	422.894412	60.8	0.000414	0.00008	0	11	2

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10:28:00.434	94.7	1753
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10:28:02.434	93.6	1782
10:28:03.434	93.4	1796
10:28:04.434	90.7	1807
10:28:05.434	93.3	1820
10:28:06.434	91.9	1826
10:28:07.434	95.6	1837
10:28:08.434	94.7	1850
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10:28:12.434	90.6	1901
10:28:13.434	83.6	1907
10:28:14.434	71.6	1913
10:28:15.434	77.2	1919
10:28:16.434	79	1924
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10:28:18.434	73.2	1929
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10:28:24.434	74.7	1959
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10:28:26.434	75.5	1960
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10:28:41.434	74.6	1958
10:28:42.434	73.8	1958
10:28:43.434	73.2	1955
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10:28:51.434	76.1	1959
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10:28:57.434	75.4	1960

20.82333	498.378066	349.659118	61.2	0.000373	0.00008	0	11	2
24.74186	495.882818	352.209323	61.3	0.000416	0.00008	0	11	2
29.47859	493.387571	355.4	61.4	0.000563	0.00011	0.00001	11	2
31.64249	490.892324	404.869031	61.5	0.000631	0.00011	0.00003	11	2
31.63899	503.946838	375.666569	62.2	0.00067	0.00012	0	11	2
31.51252	517.598799	361.5	62.4	0.000698	0.00012	0	11	2
32.97851	531.25076	364.6	63.2	0.000711	0.00012	0	11	2
31.43701	544.902721	416.429365	63.5	0.000686	0.00012	0	11	2
30.55	545.697465	393.793242	64.4	0.000665	0.00012	0	11	2
31.19882	544.788591	369.833529	64.7	0.000672	0.00012	0	11	2
32.89167	543.879718	373.804806	65.3	0.000694	0.00012	0	11	2
33.43384	542.970844	398.260748	65.5	0.000707	0.00013	0	11	2
34.00808	545.918195	412.508029	66.1	0.000727	0.00013	0	11	2
33.95645	550.502518	378.989406	66.3	0.000734	0.00013	0	11	2
33.82206	555.086841	380.3	67	0.000741	0.00013	0	11	2
34.68652	559.671164	388.237312	67.2	0.000751	0.00013	0	11	2
34.86048	558.722437	441.148397	67.9	0.000746	0.00013	0	11	2
32.57376	552.060723	384.493939	68.1	0.000669	0.00012	0	11	2
28.81277	545.399009	386.4	68.9	0.000707	0.00013	0	11	2
31.29521	538.737296	387.231888	69.2	0.000653	0.00012	0	11	2
29.15983	530.254854	440.283088	69.4	0.000598	0.00011	0	11	2
29.17743	519.582727	389.5	69.5	0.000561	0.0001	0	11	1.9
27.88334	508.9106	389.5	69.8	0.000519	0.0001	0	11	1.9
26.83527	498.238473	389.5	69.9	0.000498	0.0001	0	11	1.9
35.16833	491.325	432.867351	70.1	0.0006	0.00011	0	11	1.9
31.26455	493.057673	389.5	70.1	0.000603	0.00012	0	11	2
29.36209	494.790347	389.5	70.4	0.000585	0.00011	0	11	1.9
28.86982	496.52302	389.5	70.5	0.000559	0.0001	0	11	1.9
28.00424	496.263916	438.128824	71	0.000521	0.0001	0	11	1.9
27.70399	490.423292	389.5	71.1	0.00049	0.0001	0	11	1.9
26.38286	484.582667	389.5	71.2	0.000471	0.00009	0	11	1.9
26.36661	478.742043	389.5	71.2	0.00046	0.00009	0	11	1.9
25.35084	473.041965	422.473816	71.2	0.000461	0.00009	0	11	1.9
25.49757	471.335065	392.605	71.2	0.000456	0.00009	0	11	1.9
24.9624	469.628164	386.4	71.2	0.000464	0.00009	0.00001	11	2
25.07156	467.921263	386.4	71.2	0.000461	0.00009	0.00003	11	2
25.06362	466.214362	413.683195	71.2	0.000448	0.00009	0.00001	11	2
24.50458	464.517878	395.699652	71.2	0.00044	0.00009	0.00007	11	2
24.57711	462.822141	386.4	71.2	0.000439	0.00009	0.00005	11	2
24.08782	461.126405	386.124542	71.2	0.000443	0.00008	0.00006	11	1.9
24.31344	459.430669	402.19662	71.2	0.000444	0.00008	0.00005	11	1.9
23.86112	459.792601	395.262062	71.2	0.000444	0.00008	0.00005	11	1.9
25.37475	460.652974	383.3	71.2	0.000463	0.00009	0.00007	11	1.9
26.66795	461.513348	383.3	71.2	0.000483	0.00009	0.00002	11	1.9
26.78614	462.373722	395.279639	71.1	0.000497	0.00009	0.00004	11	1.9
27.07216	461.94894	400.620176	71.1	0.000506	0.00009	0	11	1.9
26.82365	461.065548	383.3	71.1	0.000499	0.0001	0.00001	11	1.9
26.48043	460.182155	383.3	71.1	0.000487	0.00009	0.00001	11	1.9
25.21942	459.298763	394.930619	71.1	0.00047	0.00009	0.00001	11	1.9
25.56558	459.1	395.747921	71.1	0.000461	0.00009	0.00002	11	1.9
25.10223	459.1	380.3	71.1	0.000462	0.00009	0.00001	11	1.9
25.05251	459.1	380.3	71.1	0.000461	0.00009	0.00006	11	1.9
25.66135	459.1	389.955775	71.4	0.000464	0.00009	0	11	1.9
26.4621	460.191114	400.272157	71.5	0.000477	0.00009	0.00006	11	1.8
27.26575	461.948143	380.3	71.1	0.000493	0.00009	0.00001	11	1.8
26.99984	463.705171	380.3	71	0.0005	0.00009	0	11	1.8
27.78075	465.462199	391.37292	71	0.000505	0.00009	0	11	1.8
28.16097	466.1	403.590935	71	0.00051	0.00009	0	11	1.8
27.43123	466.1	380.3	71	0.0005	0.00009	0	11	1.8
26.84602	466.1	380.3	71	0.000488	0.00009	0	11	1.8
27.09294	466.1	384.099517	71.1	0.000483	0.00009	0	11	1.8
26.41394	465.57689	403.028169	71.1	0.000472	0.00008	0	11	1.8
26.61358	464.697714	380.3	71.1	0.000468	0.00008	0.00002	11	1.7

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10:30:00.434	76.4	1956

26.26935	463.818538	380.3	71.1	0.000467	0.00008	0	11	1.7
26.48441	462.939362	389.686092	71.2	0.000475	0.00008	0	11	1.7
27.81253	463.124146	402.010775	71.2	0.000493	0.00008	0	11	1.7
27.7011	463.977805	378.753075	71.2	0.000501	0.00008	0	11	1.6
27.72909	464.831463	377.2	71.2	0.000501	0.00008	0.00001	11	1.6
27.32059	465.685122	381.32616	71.1	0.000503	0.00008	0	11	1.6
26.5725	465.193474	404.664263	71.1	0.000485	0.00008	0	11	1.6
25.52179	463.429806	377.2	71.1	0.000459	0.00007	0	11	1.6
25.27013	461.666138	377.2	71.1	0.000453	0.00007	0	11	1.6
25.37632	459.902469	382.629196	71.2	0.000452	0.00007	0	11	1.6
24.84943	458.639251	402.540347	71.2	0.000445	0.00007	0	11	1.7
24.38998	457.793841	377.2	71.2	0.000442	0.00007	0.00001	11	1.7
24.81756	456.94843	377.2	71.2	0.000449	0.00007	0.00001	11	1.7
25.02016	456.103019	377.2	71.2	0.000451	0.00007	0.00002	11	1.7
23.38448	453.16732	405.918261	71.2	0.000433	0.00007	0.00001	11	1.7
22.58373	447.160702	377.2	71.3	0.00041	0.00007	0.00003	11	1.7
21.59078	441.154085	377.2	71.3	0.000396	0.00007	0.00008	11	1.7
21.54653	435.147468	377.2	71.4	0.000389	0.00007	0.00015	11	1.7
20.51706	425.198322	395.095719	71.5	0.000382	0.00007	0.00024	11	1.7
19.72468	410.909082	377.2	71.6	0.00036	0.00006	0.00028	11	1.7
17.23108	396.619842	377.2	71.6	0.00032	0.00006	0.00031	11	1.8
15.88754	382.330602	377.2	71.6	0.00028	0.00005	0.00022	11	1.8
15.40564	366.558498	376.057086	71.6	0.000256	0.00005	0.00033	11	1.8
15.55123	348.771937	377.2	71.7	0.000243	0.00005	0.00043	11	1.8
15.6713	330.985375	377.2	71.7	0.00022	0.00005	0.00041	11	1.8
15.13363	313.198814	377.2	71.8	0.00019	0.00005	0.00026	11.5	1.8
16.22635	307.082066	347.196814	71.8	0.000176	0.00005	0.00014	11.5	1.8
20.91594	320.332243	377.2	71.3	0.000209	0.00006	0.00009	11	1.8
25.70317	333.582419	377.2	71.2	0.000274	0.00007	0.00001	11.5	1.8
24.89522	346.832596	375.462368	70.1	0.000373	0.00008	0	12	1.8
31.03368	362.941906	366.83875	69.7	0.000483	0.00009	0	12	1.8
34.82744	398.704949	374.045108	70.1	0.000619	0.00011	0	12	1.8
37.82733	434.467991	370.816145	70.2	0.000699	0.00012	0	12	1.8
36.00982	470.231034	369.661791	70.3	0.000719	0.00012	0	12	1.8
35.07562	505.236695	423.434085	70.3	0.000727	0.00012	0	12	1.8
34.2649	510.704496	373.108298	70.4	0.000719	0.00012	0	12	1.8
34.03122	516.172296	367.7	70.5	0.000703	0.00012	0	12	1.8
32.47377	521.640097	370.8	70.7	0.000691	0.00011	0	12	1.8
32.04789	527.107898	421.542222	70.8	0.000675	0.00011	0	12	1.8
30.90233	521.684775	388.303696	71	0.000735	0.00012	0	12	1.8
39.89432	515.184528	374.1	71.1	0.00076	0.00013	0	12	1.8
30.47537	508.684281	374.739814	71.2	0.000586	0.00011	0.00013	12	1.8
29.54788	502.184034	413.011714	71.2	0.000585	0.0001	0.00366	12	1.8
28.06202	529.267028	396.084783	71.3	0.000633	0.0001	0.02694	12	1.8
26.25131	561.636274	379.309341	71.3	0.000649	0.00009	0.04349	12	1.8
25.77537	594.005519	383.398283	71.4	0.000647	0.00009	0.04223	12	1.8
26.00786	626.374765	433.639902	71.5	0.000639	0.00009	0.03756	12	1.8
25.69397	643.299185	439.283958	71.6	0.000636	0.00009	0.03449	12	1.8
25.65687	654.067276	396.941342	71.6	0.00063	0.00009	0.03238	12	1.8
26.04136	664.835367	405.199075	71.6	0.000629	0.00009	0.02978	12	1.8
25.35281	675.603458	453.173418	71.6	0.000633	0.00009	0.02694	12	1.8
25.55	681.994074	486.420553	71.5	0.000627	0.00009	0.02457	12	1.8
25.25327	686.189381	428.580139	71.5	0.000625	0.00009	0.02245	12	1.8
25.07448	690.384688	436.226087	71.3	0.000619	0.00009	0.0218	12	1.8
24.99696	694.579995	445.075304	71.3	0.000616	0.00009	0.02368	12	1.8
25.43279	680.58233	543.00411	71.3	0.000616	0.00009	0.02961	12	1.8
25.195	644.077476	465.285811	71.3	0.000552	0.00008	0.02478	12	1.9
22.98008	607.572621	474.39755	71.2	0.000516	0.00008	0.01204	12	1.9
23.68873	571.067767	482.478873	71.2	0.000526	0.00008	0.00421	12	1.9
23.92308	541.65313	512.652289	71.1	0.000532	0.00008	0.00127	12	1.9
23.7	526.830896	495.538871	71.1	0.000499	0.00008	0.00038	12	1.9
24.21855	512.008663	499.718133	71.1	0.000474	0.00008	0.00018	12	1.9
25.09728	497.18643	501.3	71.1	0.000467	0.00008	0.00007	12	1.9

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25.19545	482.576117	494.3	71.1	0.000472	0.00009	0.00002	12	1.9
25.69543	479.032318	491.444	71.2	0.00048	0.00009	0	12	1.9
25.84439	475.48852	484.475617	71.2	0.000475	0.00009	0	12	1.9
25.75361	472.825787	476.114118	71.1	0.000472	0.00009	0	12	1.9
25.87717	471.984643	472.010448	71.1	0.000485	0.00009	0	12	1.9
26.35894	471.143499	465.118868	71.1	0.000492	0.00009	0	12	1.9
26.36731	470.302355	460.456767	71.1	0.00049	0.0001	0	12	2
26.30921	469.742557	462.488538	71.1	0.000482	0.0001	0	12	2
26.53168	470.606542	448.555731	71.1	0.000489	0.0001	0	12	2
27.60033	471.470526	445.277647	71.1	0.000506	0.0001	0	12	2.1
27.60642	472.33451	437.444012	71.1	0.000509	0.00011	0	12	2.1
26.3	472.996579	452.894408	71	0.0005	0.0001	0	12	2.1
27.08763	472.089373	428.8	70.9	0.000497	0.0001	0	12	2.1
26.09721	471.182167	427.838667	71.1	0.000483	0.0001	0	12	2.1
26.30807	470.274961	422.907631	71.1	0.000477	0.0001	0	12	2.1
26.49647	469.379853	441.958611	71.1	0.000475	0.0001	0	12	2.1
26.0212	468.519902	418.48457	71.1	0.000461	0.0001	0	12	2.1
25.12704	467.659951	415.128293	71.2	0.000455	0.0001	0	12	2.1
25.84797	466.8	412.1	71.2	0.000462	0.0001	0	12	2.1
26.71564	466.1	436.579935	71.2	0.000478	0.0001	0	12	2.1
25.67385	466.1	408.454006	71.2	0.000473	0.0001	0	12	2.1
25.5746	466.1	405.5	71.2	0.000469	0.0001	0	12	2.1
25.88056	466.1	405.5	71.2	0.000473	0.0001	0	12	2.1
25.61554	465.973649	433.619444	71.2	0.000475	0.0001	0	12	2.1
26.82143	465.114121	403.203337	71.2	0.000478	0.0001	0	12	2.1
25.86952	464.254592	398.973333	71.2	0.000472	0.0001	0	12	2.1
25.68099	463.395064	398.8	71.2	0.00047	0.0001	0	12	2.1
25.8254	462.792684	426.064531	71.1	0.000471	0.0001	0	12	2.1
26.46646	465.361806	402.609417	71.1	0.000487	0.0001	0	12	2.1
28.27882	467.930927	396.137218	71.1	0.000508	0.0001	0	12	2.1
28.85732	470.500049	395.7	71.1	0.000524	0.00011	0	12	2.1
28.08403	473.069171	423.663871	71	0.000515	0.00011	0	12	2.1
26.65228	471.387695	399.607818	71	0.000493	0.0001	0	12	2.1
27.64594	469.654593	392.92164	71.1	0.000484	0.0001	0	12	2.1
26.60714	467.92149	392.6	71.2	0.000479	0.0001	0	12	2.1
26.77292	466.188388	418.529167	71.2	0.000485	0.0001	0	12	2.1
26.69925	466.1	400.930962	71.2	0.000488	0.0001	0	12	2.1
26.32324	466.1	392.6	71.2	0.000488	0.0001	0	12	2.1
25.92545	466.1	392.235047	71.2	0.00049	0.00011	0	12	2.2
27.83738	466.1	410.358216	71.1	0.000495	0.00011	0	12	2.2
27.37567	466.858088	401.229843	71.1	0.000496	0.00011	0	12	2.2
27.42011	467.722499	389.5	71.1	0.000502	0.00011	0	12	2.2
27.49656	468.58691	389.5	71.1	0.000502	0.00011	0	12	2.2
27.50923	469.451321	410.581954	71.1	0.000498	0.00011	0	12	2.2
27.44314	468.135994	401.028252	71.1	0.00049	0.00011	0	12	2.2
27.16863	466.367871	387.048212	71.1	0.000484	0.0001	0	12	2.2
26.29061	464.599747	386.4	71.1	0.000466	0.0001	0	12	2.2
23.54275	462.831624	406.588691	71.2	0.000441	0.0001	0	12	2.2
23.12313	460.397133	398.016765	71.2	0.000422	0.00009	0	12	2.2
23.08441	457.862189	386.4	71.3	0.000417	0.00009	0.00002	12	2.1
23.02341	455.327245	386.4	71.3	0.000429	0.00009	0.00005	12	2.1
23.56387	452.7923	395.183167	71.3	0.00044	0.00009	0.00006	12	2.1
23.33868	451.365113	403.358663	71.3	0.00044	0.00009	0.00011	12	2.1
22.84063	450.53967	386.4	71.5	0.000427	0.00009	0.00009	12	2.1
22.87917	449.714227	386.4	71.5	0.000418	0.00009	0.0001	12	2.1
21.70105	448.888784	389.460643	71.3	0.000411	0.00008	0.0001	12	2.1
22.01702	448.5	404.873216	71.3	0.000409	0.00008	0.00017	12	2.1
22.19876	448.5	386.4	71.3	0.000416	0.00008	0.00021	12	2.1
22.3144	448.5	386.4	71.3	0.000428	0.00009	0.00022	12	2.2
23.26444	448.5	392.829294	71.2	0.000438	0.00009	0.00024	12	2.2
22.83716	449.659325	403.69251	71.2	0.000437	0.00009	0.00019	12	2.2
23.52908	451.394842	389.5	71.4	0.00045	0.00009	0.00022	12	2.2

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24.41111	453.130359	389.5	71.5	0.000464	0.0001	0.00017	12	2.2
25.40754	454.865876	391.094051	71.2	0.000479	0.0001	0.00015	12	2.2
25.27163	455.6	409.225494	71.1	0.000475	0.0001	0.00011	12	2.2
25.12032	455.6	389.5	71.1	0.000469	0.0001	0.0001	12	2.2
24.81859	455.6	389.5	71.1	0.000467	0.0001	0.00008	12	2.2
24.52636	455.6	389.5	71.1	0.000464	0.0001	0.00004	12	2.2
24.54454	456.2033	416.71379	71.1	0.000466	0.0001	0.00006	12	2.2
24.93003	457.927013	389.5	71.2	0.000467	0.0001	0.00003	12	2.2
26.01152	459.650726	389.5	71.2	0.000483	0.0001	0.00006	12	2.2
26.40641	461.37444	387.450067	71.2	0.000493	0.00011	0.00002	12	2.2
27.28009	462.6	419.663086	71.2	0.000495	0.0001	0.00004	12	2.1
25.91039	462.6	386.4	71.2	0.000489	0.0001	0.00003	12	2.1
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25.64231	462.6	386.4	71.2	0.000475	0.0001	0.00004	12	2.2
25.92742	462.464061	423.915481	71.2	0.000477	0.0001	0	12	2.1
25.55432	461.603687	387.521688	71.3	0.000474	0.0001	0.00002	12	2.1
25.98654	460.743314	386.4	71.3	0.00048	0.0001	0	12	2.1
26.46649	459.88294	386.4	71.2	0.000496	0.00011	0.00003	12	2.1
28.05445	459.255902	418.587339	71.2	0.000489	0.00011	0.00002	12	2.1
27.41987	460.988146	386.4	71.1	0.000489	0.00011	0.00001	12	2.1
27.62786	462.720391	386.4	71.1	0.000499	0.00011	0.00002	12	2.1
27.73702	464.452635	383.3	71.1	0.000508	0.00011	0	12	2.1
28.41324	466.143101	418.194286	71.1	0.000525	0.00011	0	12	2.1
28.71611	467.022719	384.60642	71	0.000527	0.00011	0	12	2.1
28.36283	467.902337	383.3	71	0.000519	0.00011	0	12	2.1
28.47869	468.781955	383.3	71.1	0.000513	0.00011	0	12	2.2
27.65045	469.72168	418.846699	71.2	0.000506	0.00011	0	12	2.1
27.94797	471.459971	385.119921	71.2	0.00051	0.0001	0	12	2
29.12935	473.198262	380.3	71.2	0.000528	0.00011	0	12	2
29.08793	474.936552	380.3	71.1	0.00054	0.00011	0	12	2
28.53669	476.674843	412.650214	71.1	0.000519	0.0001	0	12	2
28.26313	477.624784	391.77671	71.1	0.000526	0.00011	0	12	2
28.77191	478.51356	380.3	71.1	0.000533	0.00011	0	12	2
29.6274	479.402336	380.3	71.1	0.000543	0.0001	0	12	1.9
29.86038	480.291112	416.807937	71.1	0.000558	0.00011	0	12	1.9
29.93547	480.3	380.3	71.1	0.000568	0.00011	0	12	1.9
30.35371	480.3	380.3	71.1	0.000561	0.00011	0	12	1.9
29.1889	480.3	380.3	71.1	0.000551	0.00011	0	12	1.9
29.65026	480.349767	421.027532	71.1	0.000556	0.00011	0	12	1.9
30.81512	482.065874	387.230693	71.1	0.000577	0.00011	0	12	1.9
31.07592	483.781981	380.3	71.1	0.000579	0.00011	0	12	1.9
29.55195	485.498088	380.3	71	0.000578	0.00011	0	12	1.8
29.37895	487.214195	417.826429	71	0.000558	0.0001	0	12	1.8
29.04433	485.68553	391.9833	71.1	0.000544	0.0001	0	12	1.8
28.74579	483.986089	382.616155	71.2	0.000533	0.0001	0	12	1.8
29.0828	482.286647	383.3	71.2	0.000534	0.0001	0	12	1.8
29.96093	480.587206	409.257746	71.2	0.000552	0.0001	0	12	1.8
30.40855	481.732406	399.910893	71.4	0.000578	0.00011	0	12	1.8
30.97139	483.456119	383.3	71.5	0.000577	0.00011	0	12	1.8
30.14379	485.179833	383.3	71.1	0.000569	0.0001	0	12	1.8
29.56229	486.903546	406.328571	71	0.000563	0.0001	0	12	1.8
28.98132	481.345133	403.894059	71.1	0.000537	0.0001	0	12	1.8
26.7488	473.611539	383.3	71.1	0.000488	0.00009	0	12	1.8
23.7786	465.877946	383.3	71.4	0.00044	0.00008	0	12	1.8
22.02954	458.144352	394.09872	71.5	0.0004	0.00008	0.0001	12	1.8
20.81517	445.844442	401.249355	71.7	0.000376	0.00007	0.00018	12	1.8
19.96921	431.305607	383.3	71.7	0.000367	0.00007	0.00029	12	1.8
19.13368	416.766772	383.3	71.7	0.000344	0.00007	0.00034	12	1.9
16.47522	402.227937	384.099427	71.7	0.000308	0.00005	0.00028	12	1.6
15.99039	386.4432	387.144961	71.8	0.000267	0.00005	0.00031	12	1.6
15.11972	369.6432	383.3	71.8	0.000246	0.00004	0.0004	12	1.6
15.17402	352.8432	383.3	71.8	0.000236	0.00004	0.00048	12	1.6
14.92138	336.0432	379.738	71.8	0.000222	0.00004	0.00048	12	1.6

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17.3986	333.008943	383.3	71.8	0.000211	0.00005	0.00026	12	1.6
21.68875	335.916063	381.614199	71.3	0.000277	0.00006	0.00026	12	1.5
23.2677	338.823183	380.3	71.2	0.000332	0.00006	0.00014	12	1.5
27.9365	357.814761	367.467756	70.7	0.000464	0.00008	0.00004	12	1.5
32.05104	393.413868	380.3	70.5	0.000579	0.00009	0	12	1.5
35.00644	429.012974	378.644459	70.4	0.000675	0.0001	0	12	1.5
35.66055	464.612081	377.2	70.4	0.000721	0.0001	0	12	1.5
36.62503	490.970603	415.58625	70.2	0.00075	0.0001	0	12	1.5
36.19888	506.525056	377.2	70.1	0.000766	0.0001	0	12	1.5
36.57726	522.079509	377.2	70.3	0.000782	0.0001	0	12	1.4
35.79296	537.633962	377.2	70.3	0.000771	0.0001	0	12	1.4
33.14574	543.715218	441.080773	70.4	0.000723	0.00009	0.00002	12	1.4
31.51888	537.238981	380.3	70.5	0.000698	0.00009	0.00001	12	1.4
30.73947	530.762743	381.581709	70.9	0.000669	0.00009	0.00004	12	1.4
30.31892	524.286506	383.3	71.1	0.000629	0.00009	0	12	1.5
28.82747	515.683454	439.499411	71.3	0.000572	0.00008	0	12	1.5
27.39063	503.443493	386.4	71.3	0.000495	0.00007	0	12	1.5
24.0741	491.203532	387.148133	71.6	0.000425	0.00007	0.00002	12	1.5
22.90582	478.96357	389.5	71.7	0.000397	0.00006	0.00006	12	1.5
23.79812	469.17306	426.722941	71.6	0.000419	0.00006	0.00011	12	1.5
25.6681	467.356294	389.5	71.6	0.000459	0.00007	0.00007	12	1.6
24.76643	465.539528	389.5	71.4	0.000462	0.00007	0.00001	12	1.6
23.24734	463.722761	389.5	71.3	0.00044	0.00007	0.00001	12	1.6
23.72155	461.956593	418.102791	71.3	0.000438	0.00007	0	12	1.6
23.87759	460.272281	389.5	71.3	0.000437	0.00007	0.00002	12	1.6
23.09558	458.587969	389.5	71.3	0.000424	0.00007	0	12	1.6
22.51063	456.903657	389.5	71.3	0.000413	0.00006	0.00004	12	1.6
22.17756	455.198147	420.155072	71.3	0.000408	0.00007	0.00004	12	1.7
22.11433	453.420035	389.5	71.3	0.000402	0.00006	0.00005	12	1.7
21.69513	451.641923	389.5	71.3	0.000399	0.00006	0.00009	12	1.7
21.89664	449.863812	389.5	71.3	0.000407	0.00006	0.00009	12	1.7
21.95882	448.320434	416.971347	71.3	0.000414	0.00007	0.00015	12	1.7
22.13398	447.549766	389.5	71.3	0.000428	0.00007	0.00008	12	1.7
22.38929	446.779099	389.5	71.2	0.000423	0.00007	0.00011	12	1.7
21.86427	446.008431	389.5	71.1	0.00042	0.00007	0.00009	12	1.7
21.9533	445.237763	409.074571	71.2	0.000417	0.00007	0.00008	12	1.7
22.57313	445.97508	395.511188	71.2	0.000422	0.00007	0.00011	12	1.7
22.60114	446.790096	389.5	71.2	0.000422	0.00007	0.00009	12	1.7
21.92441	447.605112	389.5	71.2	0.000421	0.00007	0.00011	12	1.7
22.31934	448.420128	406.188301	71.2	0.000429	0.00007	0.00007	12	1.7
22.43882	450.047282	395.52238	71.2	0.000433	0.00007	0.00007	12	1.7
23.30659	451.762672	389.5	71.2	0.000454	0.00007	0.00003	12	1.7
24.37879	453.478062	389.5	71.2	0.000474	0.00007	0	12	1.7
25.1203	455.193453	403.524045	71.1	0.000491	0.00008	0	12	1.7
25.1411	456.257273	403.335637	71.1	0.000487	0.00008	0	12	1.7
25.54525	457.118705	389.5	71.1	0.000482	0.00008	0	12	1.7
25.82746	457.980138	389.5	71.1	0.00048	0.00008	0	12	1.7
25.30898	458.84157	398.059223	70.8	0.000476	0.00008	0	12	1.8
24.94159	457.161651	401.72017	70.7	0.000463	0.00008	0	12	1.8
23.30837	454.392581	389.5	71.1	0.000427	0.00008	0	12	1.8
21.74759	451.623511	386.602533	71.2	0.0004	0.00007	0	12	1.8
21.93274	448.854441	402.94344	71.2	0.000401	0.00008	0.00003	12	1.9
21.72289	442.221769	395.770118	71.2	0.000394	0.00007	0.0001	12	1.9
20.89544	435.021962	386.4	71.3	0.000399	0.00007	0.00015	12	1.9
20.47541	427.822155	386.4	71.3	0.000394	0.00007	0.00027	12	1.9
20.37368	420.622348	392.684406	71.4	0.000378	0.00007	0.00032	12	1.9
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19.94886	404.564672	386.4	71.5	0.000352	0.00007	0.00029	12	2
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22.35053	388.25154	386.4	71.6	0.000358	0.00008	0.00007	12	1.9
22.73361	393.771831	386.4	71.6	0.000347	0.00008	0.00001	12	1.9
23.67103	403.308482	384.554105	71.2	0.000363	0.00008	0.00002	12	1.9

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10:34:07.434	87.9	1958
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24.70257	412.845134	383.3	71.1	0.000422	0.00009	0.00004	12	1.9
26.32157	422.381785	388.566355	70.9	0.000469	0.00009	0.00007	12	1.9
25.44038	429.71742	392.183268	70.9	0.000471	0.00009	0.00002	12	1.9
25.78348	436.08258	380.3	70.9	0.000467	0.00009	0.00001	12	1.9
25.51511	442.447739	380.3	70.9	0.000468	0.00009	0.00001	12	1.9
25.73268	448.812898	380.3	71	0.000464	0.00009	0	12	1.9
24.97702	451.455922	401.481529	71	0.000453	0.00009	0.00001	12	1.9
24.29373	450.593634	377.2	71.1	0.000447	0.00008	0.00001	12	1.9
24.17932	449.731347	377.2	71.1	0.000442	0.00008	0.00003	12	1.9
23.60741	448.869059	379.04	71.1	0.00043	0.00008	0.00003	12	1.9
22.8	448.057836	398.307624	71.1	0.000416	0.00008	0.00011	12	2
22.62947	447.284821	377.2	71.2	0.000416	0.00008	0.00011	12	1.9
22.73944	446.511806	377.2	71.2	0.000426	0.00008	0.00011	12	1.9
22.92067	445.738791	377.2	71.2	0.00043	0.00008	0.0001	12	1.9
21.9284	445.2	406.410753	71.2	0.000418	0.00008	0.0001	12	1.9
22.3565	445.2	377.2	71.2	0.00042	0.00008	0.00014	12	1.9
22.38705	445.2	377.2	71.2	0.00042	0.00008	0.00011	12	1.9
22.27	445.2	377.2	71.5	0.000433	0.00008	0.00012	12	1.9
22.994	445.409322	408.1	71.6	0.000435	0.00008	0.0001	12	1.9
22.38883	446.20221	377.421863	71.2	0.000433	0.00008	0.00009	12	1.9
23.4812	446.995099	380.3	71.1	0.000441	0.00008	0.00007	12	1.9
23.02655	447.787987	380.3	71.1	0.000444	0.00008	0.00006	12	1.9
23.48013	448.582967	411.356206	71.1	0.000449	0.00008	0.00004	12	1.9
24.02608	449.396364	383.2	71.1	0.000455	0.00008	0.00001	12	1.9
23.88925	450.209761	380.3	71.1	0.000451	0.00008	0.00001	12	1.9
24.16112	451.023158	380.3	71.1	0.000456	0.00008	0	12	1.9
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23.92465	450.296314	386.791631	71.1	0.000452	0.00008	0	12	1.9
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26.19782	447.843678	408.189176	71.2	0.000472	0.0001	0	12	1.9
26.0868	485.610509	383.675564	71.2	0.000497	0.00009	0.00195	12	1.9
25.36417	523.37734	380.3	71.2	0.000578	0.00009	0.02111	12	1.9
25.54843	561.144171	380.752	71.2	0.000623	0.00009	0.03453	12	1.9
25.8744	598.911002	438.342653	71.2	0.000635	0.00009	0.03514	12	1.9
26.11574	618.885945	420.303829	71.2	0.000642	0.00009	0.03321	12	1.9
26.0403	634.605828	390.778635	71.2	0.000643	0.00009	0.02835	12	1.9
25.56316	650.32571	395.422927	71.1	0.000637	0.00009	0.02272	12	1.9
25.94982	666.045593	452.304155	71.1	0.000636	0.00009	0.01862	12	1.9
25.79792	673.545796	451.38875	71.1	0.000641	0.0001	0.01709	12	1.9
25.92984	677.896829	415.80362	71.1	0.000641	0.0001	0.01829	12	1.9
26.1092	682.247861	424.885294	71.1	0.000636	0.00009	0.02139	12	1.9
25.20803	686.598894	466.664316	71.1	0.00063	0.00009	0.02703	12	1.9
25.1706	665.797654	505.93835	71.2	0.000589	0.00009	0.03195	12	1.9
24.36798	631.748272	448.27748	71.2	0.000537	0.00008	0.02203	12	2
25.02366	597.698889	456.871168	71.7	0.000542	0.00009	0.00835	12	2
25.9668	563.649506	470.019075	71.9	0.00058	0.00009	0.00323	12	2
26.53459	541.830908	495.517108	71.2	0.000576	0.0001	0.00101	12	2
26.2095	527.997699	480.186654	71	0.000534	0.0001	0.00031	12	2
25.64768	514.164489	483.8	71.1	0.000523	0.0001	0.00018	12	2.1
39.72729	500.331279	484.64466	71.1	0.000616	0.00013	0.00016	12	2.1
30.74041	508.989915	485.62797	71.1	0.000606	0.00013	0.00029	12	2.1
30.40974	535.035865	480.3	71.1	0.000644	0.00012	0.00211	12	2
30.77198	561.081814	480.3	71.2	0.000691	0.00012	0.00722	12	2
29.88264	587.127763	480.3	71.2	0.000736	0.00012	0.01109	12	2
30.25338	606.42268	526.863265	71.2	0.000768	0.00012	0.01062	12	2
30.91849	616.731959	488.212393	71.2	0.000756	0.00012	0.0086	12	2
31.10167	627.041237	493.667021	71.2	0.00074	0.00012	0.00795	12	2
30.24154	637.350515	504.025153	71.2	0.000746	0.00012	0.00793	12	2.1
30.6175	644.719768	568.088462	71.2	0.000767	0.00013	0.00724	12	2.1
31.76234	646.747285	531.660255	71.2	0.000755	0.00012	0.0058	12	2.1
31.52443	648.774801	546.607258	71.1	0.000738	0.00012	0.00496	12	2.1
30.57716	650.802317	562.240428	71.1	0.000729	0.00012	0.00426	12	2.1

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31.22138	647.863672	603.405827	71.2	0.000694	0.00012	0.00218	12	2.1
31.133	645.812891	616.688822	71.2	0.000693	0.00012	0.00178	12	2.1
31.0794	643.873125	634.62414	71.1	0.000677	0.00012	0.00145	12	2.1
30.94431	642.779375	635.823404	71.1	0.000656	0.00012	0.00119	12	2.1
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31.36458	640.076	643.955648	71.1	0.000622	0.00012	0.00051	12	2.1
31.70802	641.076	644	71.1	0.000633	0.00013	0.00054	12	2.1
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31.79938	643.076	638.052241	71.2	0.000645	0.00013	0.00065	12	2.1
31.42163	644	637.459459	71.1	0.000641	0.00013	0.00057	12	2.2
31.93959	644	628.273538	71.1	0.000652	0.00013	0.00053	12	2.2
32.56775	644	619.600791	71.1	0.000673	0.00014	0.00056	12	2.2
33.4297	644	613.616168	71.1	0.000684	0.00014	0.00045	12	2.2
32.83515	644	618.968	71	0.000661	0.00013	0.00039	12	2.1
32.04248	642.080883	603.792079	71	0.000641	0.00013	0.00037	12	2.1
31.06498	640.019534	594.740426	71.1	0.000637	0.00013	0.00033	12	2.2
31.0532	637.958184	593.096149	71.2	0.000635	0.00013	0.00022	12	2.2
31.06267	635.896834	601.76095	71.2	0.000639	0.00013	0.00023	12	2.1
31.51628	635.6	591.21365	71.2	0.000648	0.00013	0.0003	12	2.1
32.07741	635.6	579.34902	71.2	0.000656	0.00013	0.00043	12	2.1
31.16095	635.6	578	71.2	0.000658	0.00012	0.00055	12	2.1
31.33295	635.6	588.640394	71.2	0.000653	0.00012	0.00048	12	2.1
31.24308	634.786292	587.347368	71.2	0.000647	0.00012	0.00051	12	2.1
31.46104	633.737698	578	71.2	0.000642	0.00012	0.00049	12	2.1
30.94805	632.689105	578	71.2	0.000649	0.00012	0.00054	12	2.1
31.5071	631.640512	592.063103	71.2	0.000648	0.00012	0.00053	12	2.1
31.74776	633.18807	586.224705	71.2	0.000651	0.00012	0.00055	12	2.1
31.6243	635.137341	578	71.2	0.00066	0.00012	0.00066	12	2.1
31.55336	637.086613	581.552	71.2	0.000681	0.00013	0.0007	12	2.1
32.33877	639.035885	589.102774	71	0.00069	0.00013	0.00083	12	2.1
33.15068	641.036257	600.064552	71	0.000712	0.00013	0.00079	12	2.1
33.97347	643.069574	585.9	71	0.000735	0.00014	0.00066	12	2.1
33.75198	645.102891	585.9	71	0.000734	0.00014	0.00042	12	2.1
34.78582	647.136208	592.57161	71	0.000732	0.00014	0.00031	12	2.1
34.00612	647.562998	606.513582	71	0.000722	0.00014	0.00024	12	2.1
34.31864	646.542082	592.010294	71	0.000721	0.00014	0.00019	12	2.2
34.77566	645.521165	594	71	0.000759	0.00015	0.0002	12	2.2
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35.35565	644	592.370461	71	0.000741	0.00019	0.00001	12	2.7
34.50105	644	589.9	71	0.000701	0.0002	0.00007	12	3.1
34.3079	644	589.9	71	0.0007	0.00025	0.00013	12	3.8
33.46315	644	609.134298	71	0.000703	0.00031	0.00016	12	4.9
33.3868	644	585.9	71	0.000694	0.00042	0.00015	12	6.8
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33.67889	644	585.521471	71.1	0.000709	0.00158	0	12	24.6
33.66625	644	582	71.1	0.000703	0.00199	0	12	31.7
33.61578	644.078318	611.108919	71.1	0.000711	0.00264	0	12	41.9
32.52983	645.095435	582.023191	71.2	0.000705	0.00344	0	12	55.3
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33.48711	647.12967	585.9	71.2	0.000715	0.00505	0	12	79.9
33.63727	648.053535	611.619831	71.2	0.000712	0.006	0	12	95.3
33.03951	647.043434	590.545393	71.1	0.000704	0.0069	0	12	110.9
32.77674	646.033333	589.582263	71.1	0.000691	0.00772	0	12	125.9
32.15273	645.023232	589.9	71.1	0.000682	0.00863	0	12	141.9
31.99834	644.013131	610.321601	71.1	0.00069	0.0097	0	12	157.7
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32.11421	644	594	71.2	0.000694	0.012	0	12	194.2
32.72968	644	594	71.2	0.000695	0.01306	0	12	210.6
32.83206	644	610.442716	71.2	0.000697	0.01421	0	12	227.9
34.13103	643.027413	600.476051	71.1	0.000704	0.01543	0	12	244.2
34.17967	641.963314	597.550725	71.1	0.000714	0.01676	0	12	258.8
33.55887	640.899215	598	71.1	0.0007	0.01747	0	12	272.8
33.77615	639.835115	613.12106	71.1	0.000701	0.01825	0	12	283.9
33.20512	639.8	602.364412	71.1	0.00071	0.01942	0	12	298.3
34.3478	639.8	598	71.1	0.000716	0.02086	0	12	317.5
34.35914	639.8	598	71	0.000726	0.02236	0	12	334.9
34.70324	639.8	610.609	71	0.000736	0.02379	0	12	348.8
34.93505	639.8	597.598571	71	0.000717	0.02402	0	12	360.2
35.32626	639.8	594	71	0.000711	0.0245	0	12	370.7
34.98878	639.8	594	71.1	0.000721	0.02563	0	12	386.5
34.51188	639.865116	613.555873	71.1	0.000723	0.02723	0	12	413.7
34.54245	640.851727	592.864706	71.1	0.000722	0.02846	0	12	432.9
34.29471	641.838337	589.9	71.1	0.000731	0.02964	0	12	445.7
34.24987	642.824947	589.9	71.1	0.000715	0.02936	0	12	451.4
34.21417	643.811557	603.725556	71.1	0.000713	0.0293	0	12	452.3
34.07052	644.830679	597.897391	71.1	0.000697	0.02854	0	12	451.9
32.69178	645.857476	589.9	71.1	0.000692	0.02819	0	12	452.7
32.50537	646.884272	594	71.1	0.00068	0.02742	0	12	453.3
31.41501	647.911069	608.001904	71.1	0.000667	0.02681	0	12	451.8
30.35248	643.861039	601.911398	71.2	0.000641	0.02534	0	12	441.3
30.16225	638.666234	594	71.2	0.000626	0.02404	0	12	423.2
29.78981	633.471429	594.378766	71.4	0.000608	0.02201	0	12	395
29.39647	628.276623	605.476971	71.5	0.000601	0.02039	0	12	365.9
29.88061	625.582538	601.383452	71.5	0.000589	0.01868	0	12	337.3
29.97	623.467437	601.166994	71.5	0.000594	0.01717	0	12	307.5
29.27628	621.352336	602	71.3	0.000591	0.01597	0	12	287.3
30.03243	619.237236	605.435429	71.2	0.000604	0.0153	0	12	272.3
29.76843	620.280976	605.488812	71.2	0.000603	0.01468	0	12	262.8
29.56195	622.400246	602	71.2	0.0006	0.01423	0	12	255.7
30.24833	624.519517	602	71.2	0.000615	0.01404	0	12	247.3
29.94339	626.638788	605.019677	71.2	0.000632	0.01377	0	12	239.2
29.92506	630.130648	607.39	71.2	0.00062	0.01311	0	12	233.6
30.16041	634.244962	602	71.2	0.000636	0.01318	0	12	230
30.05241	638.359276	602	71.2	0.000635	0.01297	0	12	227.1
30.42094	642.47359	607.528205	71.2	0.000635	0.01276	0	12	223.4
29.92357	644	616.465294	71.2	0.000633	0.01233	0	12	216.6
30.45179	644	606.2	71.2	0.000641	0.01204	0	12	209.1
30.41129	644	606.2	71.1	0.000639	0.01168	0	12	203.3
30.62087	644	612.01	71.1	0.000638	0.01131	0	12	197.3
30.52921	644	620.058465	71.1	0.000639	0.0111	0	12	192.8
30.43657	644	610.4	71.1	0.000639	0.01084	0	12	187.7
31.34125	644	610.4	71.1	0.000652	0.01076	0	12	182.7
31.80739	644	617.992867	71.1	0.000655	0.01057	0	12	179
31.85259	645.355957	621.922276	71.1	0.000662	0.01056	0	12	177
32.25043	647.522022	614.5	71.1	0.000678	0.01069	0	12	176
32.55021	649.688087	614.5	71.1	0.000683	0.0107	0	12	175.2
32.8341	651.854152	622.323643	71.1	0.000702	0.01107	0	12	176.3
34.37827	650.897561	622.507304	71.1	0.000739	0.01178	0	12	177.3
35.31362	648.888953	614.5	71.1	0.000754	0.01228	0	12	177
36.4982	646.880344	614.5	70.9	0.000751	0.01234	0	12	174.4
37.00274	644.871736	613.004836	70.8	0.000763	0.01235	0	12	169.8
37.2615	644	620.426614	70.8	0.00077	0.01243	0	12	169
37.57857	644	608.771429	70.8	0.000771	0.013	0	12	176.4
37.69796	644	604.102834	70.8	0.000766	0.014	0	12	191.2
37.68551	644	602	70.8	0.000756	0.01528	0	12	211.4
36.96644	644.340202	616.929638	70.9	0.000768	0.01697	0	12	233.2
37.62742	645.37425	597.007617	70.9	0.000768	0.01839	0	12	254
37.48886	646.408298	594	71	0.000797	0.02049	0	12	273.3
38.16	647.442346	594	71	0.000792	0.02121	0	12	285

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37.2698	648.477703	615.611591	71	0.000781	0.02133	0	12	291.4
35.3047	649.515347	589.9	71	0.000739	0.0203	0	12	297.6
34.87888	650.552992	589.9	71.2	0.000735	0.02089	0	12	313.9
33.7175	651.590637	592.61213	71.2	0.000732	0.02185	0	12	331.3
34.10913	651.924324	621.347527	71.2	0.000719	0.02198	0	12	339.7
33.04518	649.762162	594	71.2	0.000695	0.02068	0	12	332.9
32.04391	647.6	594	71.3	0.00068	0.01921	0	12	319.1
31.17366	645.437838	596.710843	71.3	0.000661	0.01769	0	12	302.2
31.27616	642.994839	619.30997	70.6	0.000656	0.01649	0	12	283.3
31.33557	639.994359	602.688867	70.4	0.000651	0.01518	0	12	261.3
30.93449	636.993879	606.2	71.3	0.000647	0.01387	0	12	239.6
30.23594	633.993399	608.8824	71.6	0.000636	0.01263	0	12	221.4
30.07847	631.330191	620.893255	71.5	0.000627	0.01151	0	12	203.1
30.02481	630.325407	614.58827	71.5	0.000622	0.01059	0	12	187.8
29.28557	629.320622	618.575984	71.5	0.000601	0.00978	0	12	176.1
30.47991	628.315837	618.7	71.5	0.00061	0.00928	0	12	164.4
31.03992	627.311053	621.788633	71.3	0.000618	0.00889	0	12	155.6
29.99008	629.26757	622.918805	71.3	0.000611	0.00844	0	12	150.1
30.27977	631.257023	622.9	71.3	0.000611	0.00827	0	12	147.3
29.85551	633.246477	622.9	71.3	0.000611	0.00816	0	12	145.6
30.52251	635.23593	625.170948	71.2	0.000615	0.00809	0	12	143.2
30.56924	635.6	621.163451	71.2	0.00061	0.00787	0	12	140.7
30.10976	635.6	618.7	71.2	0.000614	0.00786	0	12	139.3
30.29646	635.6	618.7	71.2	0.000613	0.00779	0	12	138.2
29.73024	635.6	623.148796	71.2	0.000615	0.00773	0	12	136.8
29.71121	635.6	621.286565	71.2	0.000614	0.00765	0	12	135.6
29.38104	635.6	615.868493	71.2	0.000608	0.00753	0	12	134.8
29.13695	635.6	614.5	71.2	0.000603	0.00742	0	12	133.9
29.71647	635.6	617.154193	71.2	0.000613	0.0075	0	12	133.3
30.1216	636.311007	619.006685	71.2	0.000616	0.0075	0	12	132.7
29.47791	637.342948	614.5	71.2	0.000613	0.00743	0	12	132.3
30.00269	638.374889	614.5	71.2	0.000619	0.00745	0	12	132.2
30.00779	639.40683	617.528873	71.3	0.000618	0.00744	0	12	132.3
30.45297	640.444792	620.906438	71.3	0.000634	0.0076	0	12	132.3
30.81826	641.486458	614.5	71.2	0.000642	0.00767	0	12	132.1
30.57221	642.528125	614.5	71.2	0.000638	0.00764	0	12	132.5
30.52109	643.569792	616.087754	71.1	0.000628	0.00758	0	12	133.6
30.29359	642.826	624.90409	71.1	0.00062	0.00752	0	12	134
30.09661	640.826	618.7	71.1	0.000618	0.00756	0	12	133.9
30.21229	638.826	618.7	71.1	0.000615	0.00743	0	12	131.9
30.50596	636.826	618.7	71.2	0.000624	0.00739	0	12	129.5
30.45027	636.000542	625.060412	71.2	0.000626	0.00737	0	12	128.6
31.4001	637.035535	618.7	71.1	0.000627	0.00737	0	12	128.5
30.88238	638.070527	618.7	71.1	0.000622	0.00729	0	12	128.4
30.53933	639.10552	618.7	71.1	0.00062	0.00723	0	12	128.3
30.27102	639.8	627.463812	71.1	0.000617	0.00723	0	12	129.1
30.22105	639.8	618.7	71.2	0.000614	0.00723	0	12	129.6
30.46793	639.8	618.7	71.2	0.000619	0.00732	0	12	129.7
30.40244	639.8	618.7	71.2	0.000617	0.00737	0	12	129.7
30.25072	639.162336	628.81985	71.2	0.000602	0.00713	0	12	128.9
29.57067	636.182598	618.7	71.2	0.000603	0.00705	0	12	127.1
29.73118	633.202861	618.7	71.2	0.000591	0.00688	0	12	126
28.99639	630.223123	618.7	71.3	0.000574	0.00669	0	12	124.8
28.68993	627.25913	622.09096	71.3	0.000556	0.00643	0	12	122
28.85844	625.108054	614.5	71.3	0.000554	0.00621	0	12	117.4
28.84666	622.956978	614.5	71.3	0.000556	0.00609	0	12	113.6
29.22	620.805903	614.5	71.3	0.000568	0.00603	0	12	110.6
28.73651	618.810664	614.540225	71.3	0.000579	0.00596	0	12	108.6
29.06781	624.080395	610.71203	71.2	0.000609	0.00612	0	12	107.9
31.02	629.350125	610.4	71.2	0.000638	0.00633	0	12	108.4
31.19055	634.619855	610.4	71.2	0.000666	0.00669	0	12	112.5
31.77342	639.540912	622.249584	71.2	0.000687	0.00723	0	12	120.6
32.72406	624.300469	612.570763	71	0.000711	0.00793	0	12	129.5

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10:37:36.434	74.7	1825
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33.21258	609.060025	610.4	70.9	0.000678	0.00808	0	12	137.3
22.3126	593.819581	610.4	71	0.000418	0.00541	0	12	139
21.10188	578.579137	598.960724	71	0.000539	0.007	0	12	128.3
42.58855	545.755275	611.6284	70.3	0.000678	0.00778	0	12	111.1
11.37508	512.23685	614.5	70.1	0.00027	0.00304	0	12	107.7
10.50396	478.718425	614.5	70	0.00017	0.00233	0	12	108.7
12.41619	445.2	551.672742	70	0.000274	0.00397	0	12	97.6
48.65549	456.381952	606.007898	68.6	0.000565	0.00641	0	12	86
37.59437	467.563904	610.851081	68.1	0.000557	0.00639	0.00002	12	102.7
18.08044	478.745856	610.4	67.9	0.000246	0.00365	0	12	136.1
10.2424	489.927808	569.395621	67.9	0.000167	0.00313	0	12	153.3
11.12782	489.991228	588.259277	67.5	0.000132	0.00308	0	12	150.2
26.1275	489.114035	602	67.3	0.000347	0.00654	0	12	128.8
41.14861	488.236842	597.037147	66	0.000585	0.00874	0	12	123.2
29.41012	487.359649	556.321836	65.6	0.000522	0.0086	0	12	159
26.34248	524.912613	574.306863	66.1	0.00053	0.0099	0.00003	12	195.9
25.6663	565.269494	579.603507	66.3	0.000542	0.01188	0.00014	12	244
25.88254	605.626375	577.748387	66.5	0.00054	0.01365	0.00021	12	285.5
25.4778	645.983256	595.69048	66.5	0.000527	0.01393	0.00015	12	296.9
25.29314	650.620554	587.073235	66.5	0.000507	0.01271	0.0001	12	274.3
25.52673	648.504685	574.1	66.5	0.000492	0.01064	0.00003	12	229.5
26.16987	646.388816	574.1	66.4	0.000485	0.0089	0	12	190.3
26.26544	644.272947	594.50553	66.3	0.000486	0.00744	0	12	157.3
26.0169	643.118081	587.765641	66.2	0.000487	0.00656	0	12	138.5
26.1969	642.105545	580.774704	66.1	0.000494	0.00608	0	12	127.2
26.1948	641.093009	585.545455	66	0.000499	0.00579	0	12	120.4
26.45928	640.080473	600.039082	65.9	0.0005	0.00557	0	12	116.3
26.30109	639.8	601.896552	65.8	0.000512	0.00553	0	12	113.6
26.04667	639.8	599.623762	65.8	0.000514	0.00547	0	12	112.6
26.18767	639.8	602	65.7	0.000514	0.00544	0	12	112.1
26.57258	639.8	613.095346	65.7	0.000517	0.00545	0	12	111.8
26.52598	639.030519	615.746588	65.7	0.000515	0.00541	0	12	111.5
26.60998	637.993481	612.697448	65.7	0.000513	0.00536	0	12	110.4
26.711	636.956444	614.5	65.7	0.00051	0.00523	0	12	107.7
27.13648	635.919407	617.565428	65.7	0.000511	0.00512	0	12	105.4
26.351	635.6	621.691423	65.8	0.00051	0.00503	0	12	103.5
27.02486	635.6	618.7	65.8	0.00051	0.00496	0	12	102.3
26.08793	635.6	618.7	65.8	0.000508	0.00492	0	12	101.8
26.57322	635.6	622.2299	65.8	0.000511	0.00494	0	12	101.6
26.2995	635.6	622.19367	65.8	0.000506	0.00489	0	12	101.5
25.95448	635.6	618.7	65.8	0.000505	0.00487	0	12	101.2
26.66343	635.6	618.7	65.8	0.000509	0.0049	0	12	100.9
26.33075	635.6	622.408017	65.8	0.000503	0.0048	0	12	100.1
26.02967	635.6	622.106852	65.8	0.000502	0.00476	0	12	99.2
26.22837	635.6	618.7	65.8	0.000497	0.00468	0	12	98.4
26.11425	635.6	618.7	65.8	0.000497	0.00467	0	12	97.8
25.77016	635.6	619.581214	65.8	0.000484	0.00459	0	12	97.4
25.71162	635.050718	624.065998	65.8	0.000476	0.00449	0	12	96.6
25.86	634.018232	618.7	65.8	0.000478	0.00448	0.00001	12	95.5
25.90311	632.985747	618.7	65.9	0.000475	0.00441	0.00004	12	93.7
25.97837	631.953261	619.711001	65.9	0.000474	0.00431	0.00002	12	91.3
25.91271	631.5	622.571373	65.9	0.000472	0.0042	0.00005	12	89.3
26.00747	631.5	618.7	65.9	0.000477	0.00419	0.00004	12	88.6
26.00672	631.5	616.58583	65.8	0.00048	0.00422	0	12	88.5
26.27513	631.5	614.5	65.8	0.000483	0.00423	0	12	88.4
26.5241	631.923239	620.6258	65.8	0.000484	0.00422	0	12	88.6
26.30516	632.926174	614.5	65.8	0.000491	0.0043	0.00001	12	90
26.17592	633.92911	614.5	65.7	0.000497	0.00444	0	12	92.1
27.17882	634.932045	614.5	65.7	0.000513	0.0046	0.00002	12	93.6
26.59127	635.260367	623.985441	65.6	0.000527	0.00478	0	12	95.9
27.28867	634.243502	618.7	65.6	0.000539	0.005	0.00001	12	98.9
27.56879	633.226637	618.7	65.6	0.000551	0.0052	0	12	101.3
28.20571	632.209772	618.7	65.6	0.000563	0.00541	0	12	103.1

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10:39:07.434	80.7	1935
10:39:08.434	81.8	1932
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10:39:10.434	84.3	1934
10:39:11.434	85.2	1932
10:39:12.434	82.3	1929
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10:39:22.434	86.5	1933
10:39:23.434	85.9	1934
10:39:24.434	87	1934
10:39:25.434	84.9	1934
10:39:26.434	83.5	1937
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28.81179	631.811575	624.070468	65.6	0.000577	0.00563	0	12	104.6
29.15528	632.843281	618.7	65.6	0.000583	0.0057	0	12	105.2
28.83379	633.874987	618.7	65.5	0.000591	0.0058	0.00001	12	107
28.65606	634.906694	618.7	65.5	0.000586	0.00592	0	12	111.2
28.97484	635.939729	626.416218	65.5	0.00059	0.00625	0.00001	11.5	117
28.12826	636.975487	622.9	65.5	0.000586	0.00649	0	11.5	122.1
28.51795	638.011245	622.9	65.6	0.000579	0.0066	0	11.5	125
27.97572	639.047004	622.9	65.6	0.000561	0.00651	0	11.5	125.9
26.43564	639.8	630.90442	65.7	0.000546	0.00634	0	11.5	125.8
27.28515	639.8	627.3	65.7	0.000538	0.00619	0	11	124.6
26.88902	639.8	627.3	65.8	0.000535	0.00613	0	11	124
26.76811	639.8	627.3	65.8	0.000532	0.00608	0.00001	11	123.1
26.14424	639.59165	633.326544	65.8	0.000524	0.00594	0	11	121
27.02749	638.560216	627.3	65.8	0.000522	0.0058	0.00002	11	117.7
26.71859	637.528782	627.3	65.9	0.00052	0.00557	0.00002	11	113.4
26.74946	636.497348	627.3	65.9	0.000515	0.0053	0.00001	11	108.5
27.26803	635.6	631.288835	65.8	0.000516	0.00513	0.00004	11	104.5
27.05183	635.6	627.460089	65.8	0.000519	0.00504	0.00003	11	102.3
27.96634	635.6	627.3	65.8	0.000526	0.00503	0.00007	11	100.7
27.79085	635.6	622.9	65.8	0.000569	0.00536	0.00002	11	99.6
39.26828	635.126362	628.112553	65.6	0.000931	0.00842	0.0001	11	98.5
67.95447	621.969759	623.815147	65.5	0.001368	0.01453	0.00013	11	112.9
67.74843	608.813157	619.001632	66.3	0.001358	0.02163	0.00001	11	161.6
58.30829	595.656554	612.991157	66.6	0.001046	0.03304	0	11	292.3
37.83243	582.499951	597.135484	69	0.000622	0.03162	0	11	412
35.28894	578.275829	590.346018	69.9	0.000627	0.03531	0.00031	11	469.9
31.94434	574.404549	583.773788	70.3	0.000676	0.03717	0.00121	11	527
31.22008	570.533269	577.885116	70.5	0.000708	0.03976	0.0022	11	597
30.33602	566.661989	571.936143	70.5	0.00072	0.04057	0.00231	11	644.7
29.8555	583.650648	572.75	70.5	0.000722	0.03883	0.00223	11	645.1
29.8	604.942142	574.1	70.4	0.000723	0.03508	0.00201	11	595.5
30.77538	626.233636	578.922667	70.4	0.000754	0.03148	0.00163	11	520.1
30.3789	647.52513	606.350329	70.3	0.000724	0.02386	0.00122	11	409.5
29.92036	650.114682	598.658513	70.2	0.000704	0.01714	0.00089	11	301.3
30.20275	652.185271	603.578812	70.6	0.000673	0.01209	0.00067	11	218.8
29.6036	654.255859	614.892533	70.7	0.00064	0.00828	0.00038	11	153.3
28.30127	656.326447	634.586408	70.6	0.000613	0.00625	0.00019	11	116.6
27.834	652.127599	644.725632	70.5	0.000581	0.00463	0.0001	11	87.3
27.95174	645.526767	650.61873	70.5	0.000554	0.00373	0.00005	11	71.3
28.43133	638.925936	656.9	70.5	0.000541	0.00317	0.00004	11	60.2
28.24152	632.325104	650.688112	70.5	0.000531	0.0028	0	11	53.3
28.01381	631.5	653.652683	70.5	0.00053	0.00267	0.00002	11	50.7
28.6734	631.5	653.853915	70.4	0.000536	0.00265	0	11	49.8
29.15003	631.5	648.535733	70.4	0.000542	0.0027	0	11	50.1
29.57694	631.5	641.825799	70.3	0.000544	0.00282	0	11	52.8
28.98483	634.360245	633.289248	70.3	0.000552	0.00304	0	11	57.1
29.59564	638.428873	626.445689	70.3	0.000582	0.0035	0.00004	11	63.4
29.89846	642.4975	619.589879	70.3	0.000599	0.00398	0.00014	11	71.3
29.74143	646.566127	618.125351	70.3	0.000607	0.00438	0.0002	11	78.9
30.05124	648.1	618.051522	70.3	0.000627	0.00493	0.00014	11	86.9
30.22	648.1	604.075	70.1	0.000623	0.00521	0.00017	11	92.2
30.09607	648.1	602	70.1	0.000632	0.00547	0.00011	11	95.9
30.3789	648.1	605.060311	70.1	0.000633	0.00562	0.00011	11	99
30.33853	647.530327	615.410455	70.1	0.000646	0.00593	0.00011	11	102.8
30.81028	646.500176	602	70	0.000652	0.00621	0.00011	11	106.7
30.63262	645.470025	602	70	0.000646	0.00635	0.00009	11	110.1
30.87548	644.439874	607.492051	70.1	0.000638	0.00641	0.00006	11	112.6
30.46306	643.415874	619.139373	70.2	0.000628	0.00636	0.00008	11	113.4
30.20705	642.396456	610.4	70.2	0.000625	0.0064	0.00004	11	113.7
30.2355	641.377039	612.493617	70.2	0.000613	0.00635	0.00002	11	114
29.91025	640.357621	614.763755	70.3	0.000594	0.00617	0	11	113.3
28.97483	637.955697	626.271422	70.3	0.000577	0.00592	0	11	110.8
28.39294	633.884389	618.7	70.4	0.000552	0.0056	0	11	108

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28.35481	629.813081	620.158947	70.4	0.000543	0.0054	0	11	103.5
29.44969	625.741773	620.081358	70.4	0.000564	0.00539	0.00001	11	98.5
29.57623	624.443279	620.54726	70.4	0.000579	0.00526	0	11	94.2
29.49409	629.553475	618.7	70.3	0.000603	0.00527	0.00009	11	92.6
31.37112	634.663672	618.7	70.3	0.00063	0.00544	0.00011	11	94.1
31.70322	639.773868	618.7	70.2	0.000651	0.00594	0.00017	11	100.9
31.36351	644.348573	631.200884	70.2	0.000659	0.00639	0.00014	11	107.5
31.11798	646.363444	618.774558	70.1	0.000663	0.00667	0.00008	11	111.7
32.11184	648.378316	618.7	70.1	0.000654	0.00673	0.00005	11	114.3
31.39358	650.393188	618.7	70.1	0.00066	0.00695	0	11	116.8
32.80013	652.392057	631.16254	70.1	0.000668	0.00723	0	11	119.4
32.6809	650.406241	621.736631	70.1	0.000663	0.00732	0	11	121.5
33.2675	648.420426	618.7	70.1	0.000683	0.0077	0	11	124
33.21853	646.43461	614.5	70.1	0.000685	0.00796	0	11	127.8
32.33296	644.448794	620.165873	70.1	0.000667	0.0081	0	11	133.4
30.80804	642.467327	620.303518	70.1	0.000647	0.00821	0	11	139.4
30.39103	640.487129	614.5	70.1	0.000626	0.00839	0	11	147.2
30.31397	638.506931	614.5	70.3	0.000619	0.00872	0	11	153.3
30.10079	636.526733	615.873546	70.3	0.000617	0.00885	0	11	155.6
30.23514	635.069681	621.164257	70.4	0.000615	0.00879	0	11	154.9
30.33469	634.072842	614.5	70.4	0.000612	0.00852	0	11	150.7
30.59862	633.076003	614.5	70.4	0.000616	0.00837	0.00002	11	146.1
30.45977	632.079164	614.5	70.4	0.000615	0.00805	0	11	141.1
30.598	631.924487	620.846194	70.4	0.000622	0.00788	0	11	137.5
31.27099	632.937583	614.5	70.4	0.000624	0.00774	0.00001	11	134.8
30.88901	633.95068	614.5	70.3	0.000626	0.00759	0	11	132.2
30.68368	634.963776	617.78057	70.3	0.000621	0.00742	0	11	130.6
30.60387	635.974676	625.390275	70.3	0.00062	0.0073	0	11	128.6
30.07719	636.981871	618.7	70.3	0.000622	0.00718	0	11	126
30.09338	637.989065	618.7	70.3	0.000622	0.00709	0	11	124.5
30.33067	638.996259	618.7	70.3	0.000616	0.00695	0	11	123.2
31.05837	639.8	628.80619	70.3	0.000619	0.0069	0	11	121.4
30.37151	639.8	618.7	70.3	0.000615	0.00678	0.00003	11	119.8
30.50035	639.8	618.7	70.3	0.000617	0.00672	0.00007	11	118.3
30.78727	639.8	618.7	70.3	0.000619	0.00671	0	11	117.7
30.25872	639.8	628.767394	70.3	0.000624	0.00672	0	11	117.6
30.47192	639.8	619.124534	70.3	0.000634	0.00685	0	11	118.2
30.7368	639.8	622.9	70.3	0.000634	0.00688	0	11	118.7
31.12239	639.8	622.9	70.3	0.000627	0.00684	0	11	119
29.7983	639.8	630.397181	70.2	0.000629	0.00687	0	11	118.7
30.44182	639.8	622.9	70.2	0.000628	0.00681	0	11	117.6
31.63375	639.8	622.9	70.2	0.000632	0.00681	0	11	117
31.09566	639.8	622.9	70.2	0.000624	0.00671	0	11	116.8
30.65289	639.714726	630.210972	70.2	0.000619	0.00668	0	11	117
30.2409	638.687329	623.710732	70.2	0.000621	0.00672	0	11	117.3
30.5992	637.659932	619.185406	70.1	0.00062	0.00673	0	11	117.3
30.12434	636.632534	618.7	70	0.000619	0.00671	0	11	117.3
30.81774	635.605137	624.83221	70.2	0.000632	0.00686	0	11	117.3
32.11392	636.596899	620.328816	70.3	0.000652	0.00701	0.00001	11	117.8
30.75716	637.598807	618.7	70.2	0.000645	0.00702	0.00002	11	120.1
30.50732	638.600716	618.7	70.2	0.000642	0.00719	0.00001	11	123.2
31.11613	639.602624	624.026214	70.3	0.000643	0.0073	0.00002	11	124.6
30.96067	639.8	622.002511	70.3	0.000644	0.00731	0	11	124.5
31.64468	639.8	618.7	70.3	0.000643	0.00725	0.00005	11	123.8
30.651	639.8	618.7	70.3	0.000634	0.00712	0.00007	11	123.3
30.94055	639.8	622.59859	70.3	0.000637	0.00714	0.00004	11	123.2
30.93214	640.533791	622.220904	70.3	0.000651	0.00727	0.00006	11	122.7
32.64816	641.56295	618.7	70.3	0.00069	0.00769	0.00002	11	122.3
34.57158	642.59211	618.7	70.3	0.000744	0.00831	0.00002	11	121.8
36.79407	643.621269	622.187297	70.1	0.000761	0.00863	0	11	120.5
37.2787	644.633855	625.119002	70	0.00075	0.00843	0	11	117.9
36.91699	645.636791	618.7	70	0.000722	0.00809	0	11	116.9
32.42702	646.639726	615.8776	70	0.000639	0.00768	0	11	126.1

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10:41:05.434	83.7	1931
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10:41:07.434	84.9	1933
10:41:08.434	84.2	1932
10:41:09.434	84.3	1933
10:41:10.434	84.3	1933
10:41:11.434	85.1	1928
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10:41:13.434	85.2	1932
10:41:14.434	87.4	1930
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10:41:16.434	85.6	1931
10:41:17.434	85.5	1931
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10:41:23.434	85.5	1930
10:41:24.434	86.5	1930
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10:41:26.434	87.5	1930
10:41:27.434	86.7	1930
10:41:28.434	88.6	1931
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10:41:30.434	85.3	1933
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30.89786	647.642661	616.564	70.2	0.000615	0.00843	0	11	146.5
29.94377	643.607889	623.390784	70.3	0.000602	0.00977	0	11	176.8
28.30217	635.350332	610.4	70.4	0.00056	0.01042	0	11	199.9
27.42385	627.092775	610.4	70.4	0.000524	0.01046	0	11	205.6
25.03421	618.835217	610.4	70.7	0.000474	0.00927	0	11	190.2
25.23796	602.443155	611.817682	70.8	0.000415	0.00747	0	11	163.5
22.56926	577.060325	610.4	71	0.000351	0.00589	0	11	138.3
22.176	551.677494	610.4	71	0.000301	0.00453	0	11	110.4
22.41414	526.294664	607.633501	71	0.000273	0.00377	0	11	92.2
22.73394	505.548819	555.994346	71	0.00025	0.00317	0	11	76.8
23.14997	508.268933	605.498612	70.9	0.000244	0.0027	0	11	65.2
24.51637	510.989048	606.2	70.8	0.000266	0.00242	0	11	57.5
24.36786	513.709162	606.2	70.6	0.000318	0.00233	0	11	53.7
24.02032	516.429277	571.31174	70.5	0.000386	0.00242	0.00005	11	54.6
24.47115	548.920484	593.772321	70.4	0.000445	0.00286	0.0002	11	63.6
26.03604	582.206401	602	70.4	0.0005	0.00388	0.00044	11	82.1
26.99268	615.492319	602	70.2	0.000527	0.00486	0.00065	11	98.2
28.05224	648.778236	613.443944	70.1	0.00053	0.00539	0.0004	11	105.4
28.33	653.057767	613.695152	69.9	0.000535	0.00543	0.00026	11	102.7
28.47877	647.975447	604.328754	69.9	0.000554	0.00509	0.00022	11	94.9
29.20273	642.893128	606.2	69.9	0.000586	0.00501	0.00033	11	91
30.04778	637.810809	612.302564	69.9	0.00061	0.00507	0.00047	11	90.7
29.09686	637.290402	621.291839	70.1	0.000623	0.00529	0.00066	11	95.2
29.12661	640.282264	620.309307	70.2	0.000624	0.00564	0.00074	11	103.1
28.89461	643.274126	625.105851	70.1	0.00062	0.00592	0.00066	11	108.5
29.15736	646.265989	630.674036	70	0.000612	0.00599	0.00056	11	109.8
29.51005	647.714972	638.909715	70.3	0.000605	0.00576	0.00035	11	105.4
28.97132	646.720068	637.220764	70.4	0.000603	0.0053	0.00036	11	96.7
29.20702	645.725164	644	70.3	0.000601	0.00494	0.00033	11	90.2
28.88991	644.73026	644	70.3	0.000594	0.00464	0.00035	11	85.3
28.73268	643.734	646.263039	70.3	0.000587	0.00448	0.00033	11	82.3
29.25073	642.734	648.1	70.3	0.00058	0.00436	0.00028	11	79.8
29.77757	641.734	648.1	70.3	0.000578	0.00423	0.00025	11	77.5
28.81859	640.734	646.551711	70.3	0.00057	0.00411	0.00013	11	75.8
29.07111	639.730526	642.273479	70.2	0.000571	0.00406	0.00016	11	74.6
29.89635	638.677895	643.689038	70.2	0.000572	0.00404	0.00015	11	73.9
29.48752	637.625263	640.133624	70.2	0.000563	0.00397	0.00022	11	73.9
29.02758	636.572632	635.6	70.2	0.00055	0.0039	0.00019	11	74.3
29.03304	635.678044	633.845149	70.3	0.000562	0.00403	0.0002	11	75
29.56248	636.704939	628.045635	70.3	0.000571	0.0041	0.00021	11	75.4
30.15996	637.731834	627.3	70.3	0.000589	0.00424	0.00023	11	76.4
30.03703	638.758729	626.188108	70.3	0.000606	0.00448	0.00033	11	79.5
30.52661	639.785623	628.982367	70.3	0.00062	0.00475	0.00036	11	83.6
30.77676	640.795481	621.10598	70.3	0.000628	0.00505	0.00043	11	88.1
30.13014	641.805096	618.7	70.3	0.000626	0.00523	0.00034	11	91.7
30.16704	642.814712	618.7	70.3	0.00062	0.00531	0.00026	11	94
30.05559	643.824327	625.489945	70.2	0.000613	0.00534	0.00014	11	95.1
30.3062	644	622.377796	70.1	0.000613	0.00537	0.00009	11	95
30.79802	644	618.7	70.2	0.000615	0.00535	0.00007	11	94.3
30.31818	644	618.7	70.2	0.000623	0.00539	0.00002	11	93.9
29.83583	644	625.525035	70.2	0.000623	0.0054	0.00003	11	94.1
30.28881	643.14851	625.772332	70.2	0.000626	0.00546	0	11	94.8
30.88398	642.122618	622.9	70.2	0.000624	0.00549	0	11	95.5
30.8	641.096727	622.9	70.2	0.00062	0.0055	0	11	96.3
30.5895	640.070835	626.322785	70.2	0.000631	0.00568	0	11	97.8
31.19859	640.559695	626.513046	70.2	0.000639	0.00584	0	11	99.1
31.20671	641.59189	622.9	70.2	0.000634	0.00587	0	11	100.6
31.40662	642.624085	622.9	70.2	0.000633	0.00594	0	11	101.9
31.07	643.656279	625.428111	70.2	0.000623	0.00599	0	11	104.4
30.58971	628.516071	628.206152	70.2	0.000613	0.00607	0	11	106.6
30.09884	605.301786	622.9	70.4	0.000531	0.00552	0	11	107.8
23.26821	582.0875	620.055455	70.4	0.00044	0.00501	0	11	105.7
26.97931	558.873214	617.301936	70.3	0.000436	0.00441	0	11	94.2

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26.44422	540.124534	590.937266	70.3	0.000447	0.00392	0	11	83.7
25.37149	526.472574	608.002379	70.2	0.000445	0.00361	0	11	79.3
24.63253	512.820613	599.027963	70.2	0.00044	0.00345	0	11	77.8
25.11429	499.168652	587.710588	70.3	0.000443	0.00344	0	11	77.4
25.07876	489.118218	544.702174	70.3	0.00046	0.0035	0	11	77.3
24.87419	484.772526	567.488503	70.3	0.000456	0.00351	0	11	78.2
24.24252	480.426835	557.308245	70.3	0.000451	0.00351	0	11	79
24.17328	476.081144	547.174738	70.3	0.000451	0.00352	0	11	79.2
24.86377	472.019105	509.004625	70.3	0.000466	0.0036	0	11	78.4
26.19165	468.576764	525.342927	70.3	0.000475	0.00357	0	11	76.4
25.05176	465.134423	515.530769	70.3	0.000465	0.00335	0	11	73.1
22.36845	461.692083	510.184674	70.3	0.000431	0.00295	0	11	68.5
21.3813	455.111292	481.429089	70.3	0.000397	0.00251	0	11	62.7
19.46282	438.962676	494.066438	70.6	0.000362	0.00211	0	11	57.5
19.04997	422.81406	490.547794	70.7	0.000338	0.00183	0	11	52.6
17.17951	406.665444	485.457632	70.8	0.000306	0.00159	0	11	49.1
16.14827	390.764742	438.549928	70.8	0.000266	0.00135	0	11	45.4
15.19326	376.537938	480.081485	70.8	0.000247	0.00117	0	11	41.5
15.18479	362.311134	476.098088	70.8	0.000237	0.00105	0	11	38.2
14.93121	348.08433	473.1	70.8	0.000225	0.00097	0	11	36.2
15.25201	336.693702	409.2619	70.8	0.000211	0.00091	0	11	34.1
15.17664	333.857163	469.366667	70.8	0.000198	0.00084	0	11	31.9
15.59917	331.020625	465.849627	70.8	0.000203	0.00078	0	11	29.1
16.46579	328.184087	462.6	70.5	0.000215	0.00076	0	11	27.3
18.43034	326.256648	399.644808	70.4	0.000246	0.0008	0	11	26.1
19.04541	333.634712	459.06572	70.3	0.000277	0.00085	0	11	25.6
20.12794	341.012775	455.637708	70.3	0.000298	0.00089	0	11	25.2
21.82468	348.390839	450.617273	70.3	0.000319	0.00093	0	11	24.7
23.01435	355.79033	408.514366	70.3	0.00033	0.00095	0	11	24.2
21.71623	363.596928	436.468546	70.3	0.000335	0.00092	0	11	23.2
22.65565	371.403526	438.849521	70.3	0.000345	0.0009	0	11	22.3
23.04349	379.210123	434.100405	70	0.000348	0.00088	0	11	21.6
22.90131	386.518883	412.577778	69.9	0.000348	0.00085	0	11	21
22.57402	388.023738	423.546222	70	0.000351	0.00084	0	11	20.6
22.93376	389.528592	422.423824	70.1	0.00035	0.00082	0	11	20.2
22.35633	391.033447	418.7	70.2	0.000342	0.00078	0	11	19.6
23.00438	392.538301	408.293463	70.2	0.000343	0.00077	0	11	19.4
23.38151	394.061244	410.323123	70.3	0.00035	0.00078	0	11	19.3
22.83573	395.584959	409.580471	70.3	0.000354	0.00079	0	11	19.2
23.51935	397.108675	408.398649	70.2	0.00034	0.00075	0	11	19.1
21.87806	398.632391	403.641838	70.2	0.000336	0.00073	0	11	19.1
21.34284	405.225993	404.513739	70.2	0.000353	0.00072	0	11	19
21.5775	412.446209	403.212871	70.2	0.000378	0.00074	0	11	19.3
22.18453	419.666426	402.2	70.2	0.000392	0.00081	0	11	20.9
21.60909	426.886643	407.504843	70.2	0.00039	0.00088	0	11	22.9
21.48441	427.57048	405.924008	70.2	0.000387	0.00091	0	11	23.8
21.58602	425.897663	400.7	70.2	0.000383	0.00092	0	11	24.3
21.58317	424.224846	402.2	70.4	0.000383	0.00093	0	11	24.5
21.42489	422.55203	404.378947	70.5	0.000378	0.00093	0	11	24.6
21.48789	423.580189	407.154839	70.3	0.000382	0.00094	0	11	24.7
21.72947	425.938679	402.2	70.3	0.000393	0.00096	0	11	24.6
22.07763	428.29717	404.27874	70.3	0.000404	0.00096	0	11	24.3
21.96686	430.65566	405.5	70.3	0.000406	0.00095	0	11	24.2
21.60664	429.822092	415.198318	70.2	0.000399	0.00094	0	11	24.2
20.82759	424.75719	405.5	70.2	0.00039	0.00093	0	11	24.3
19.67127	419.692288	405.5	70.3	0.000373	0.00089	0	11	24.2
20.12233	414.627386	405.5	70.3	0.000365	0.00088	0	11	24
20.61252	410.455959	407.600645	70.3	0.000363	0.00087	0	11	23.5
21.02839	407.174439	405.5	70.3	0.00035	0.00082	0	11	22.6
21.1757	403.892919	405.5	70.3	0.000342	0.00079	0	11	21.5
20.86519	400.611399	405.5	70.3	0.000343	0.00076	0	11	20.6
20.83166	398.133589	403.111881	70.4	0.000343	0.00073	0	11	19.7
20.81653	396.646065	405.5	70.4	0.000343	0.0007	0	11	19.1

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10:42:46.434	61.9	1930
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10:42:58.434	65.4	1930
10:42:59.434	66.8	1930
10:43:00.434	65.2	1932
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10:43:02.434	63.8	1937
10:43:03.434	62	1933
10:43:04.434	62.3	1931
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10:43:06.434	62	1930
10:43:07.434	66.6	1927
10:43:08.434	73.3	1927
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10:43:10.434	78.6	1921
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10:43:14.434	77.1	1927
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10:43:19.434	77.5	1928
10:43:20.434	78.8	1928
10:43:21.434	80.4	1926
10:43:22.434	78.4	1928
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10:43:24.434	78.6	1933
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10:43:36.434	74.4	1932
10:43:37.434	73.8	1932
10:43:38.434	74.4	1932
10:43:39.434	74.5	1935

20.97602	395.158541	405.5	70.3	0.000343	0.00067	0	11	18.5
20.52392	393.671017	405.5	70.3	0.000342	0.00066	0	11	18.2
20.23026	390.927657	399.751087	70.3	0.000339	0.00064	0	11	17.7
20.0088	384.955001	405.182318	70.3	0.00033	0.00062	0	11	17.3
19.84077	378.982346	402.2	70.4	0.000319	0.00058	0	11	16.6
19.62873	373.009691	402.2	70.4	0.000307	0.00056	0	11	16.2
21.11589	367.95871	386.17018	70.4	0.000311	0.00056	0	11	15.6
21.99313	370.289426	398.8	70.4	0.000324	0.00057	0	11	14.9
22.11216	372.620142	398.8	70.4	0.000336	0.00056	0	11	14.2
22.92051	374.950859	395.7	70.4	0.000337	0.00054	0	11	13.5
22.78309	377.173575	386.84039	70.3	0.000338	0.00052	0	11	13
22.35554	376.418583	391.462329	70.3	0.000335	0.0005	0	11	12.8
19.98014	375.66359	389.736126	70.2	0.000319	0.00047	0	11	12.5
21.18384	374.908597	386.4	70.2	0.000329	0.00047	0	11	12.3
21.36164	374.153604	382.270714	70.3	0.00032	0.00045	0	11	12.2
20.52861	374.1	382.552451	70.4	0.000311	0.00043	0	11	11.7
21.38461	374.1	380.857003	70.3	0.000321	0.00044	0	11	11.4
21.25086	374.1	379.585908	70.3	0.000326	0.00043	0	11	11.1
21.3639	374.1	376.126923	70.3	0.000326	0.00041	0	11	10.6
22.96763	379.036852	374.418535	70.3	0.000339	0.00041	0	11	10.4
21.71783	384.12639	374.1	70.2	0.000327	0.0004	0	11	10.3
21.33312	389.215928	370.8	70.2	0.000334	0.00039	0	11	10.1
21.5102	394.305467	375.61707	70.2	0.000348	0.00038	0	11	9.9
20.76931	394.034945	374.567026	70.2	0.000354	0.00037	0	11	9.7
20.2816	391.74148	367.7	70.2	0.000356	0.00036	0	11	9.6
21.11063	389.448015	367.7	70.2	0.00035	0.00035	0	11	9.6
20.51005	387.15455	369.624554	70.3	0.000344	0.00034	0	11	9.4
21.08461	387.39765	372.365815	70.3	0.000342	0.00034	0	11	9.3
21.26081	388.88446	369.208605	70.3	0.000341	0.00033	0	11	8.9
21.71413	390.371271	370.8	70.3	0.000344	0.00032	0	11	8.7
21.33608	391.858082	370.8	70.2	0.000353	0.00032	0	11	8.5
22.54492	397.355336	378.97454	70.2	0.000384	0.00033	0	11	8.3
24.49493	406.847025	374.1	70.1	0.000433	0.00035	0	11	8.1
25.96254	416.338714	374.1	70.1	0.000468	0.00037	0	11	8
25.92527	425.830402	374.1	70	0.000481	0.00037	0	11	7.9
26.02656	433.121359	397.60396	69.9	0.000483	0.00038	0	11	7.8
25.79398	436.325243	374.1	70	0.000474	0.00036	0	11	7.6
26.47769	439.529126	374.1	70	0.000484	0.00035	0	11	7.2
28.00343	442.73301	374.1	70.1	0.000514	0.00037	0	11	7.1
29.56565	446.780931	407.173013	70.1	0.000538	0.00037	0	11	6.9
29.71797	453.654545	374.271125	70	0.000561	0.00037	0	11	6.6
29.92882	460.52816	377.2	70	0.000569	0.00037	0	11	6.5
30.03182	467.401774	377.2	70	0.000576	0.00036	0	11	6.3
30.63358	473.541743	424.586435	70	0.000583	0.00036	0	11	6.2
30.16539	476.125036	377.622674	70	0.00059	0.00036	0	11	6.1
30.34399	478.708329	377.2	70	0.000583	0.00035	0	11	6
30.52927	481.291622	377.2	70.1	0.000578	0.00033	0	11	5.8
30.81412	483.773684	421.956348	70.1	0.000567	0.00032	0	11	5.7
30.03256	482.866243	387.42203	70.2	0.000562	0.0003	0	11	5.3
29.81181	481.958802	380.3	70.2	0.00054	0.00028	0	11	5.2
29.25327	481.051361	380.3	70.2	0.000541	0.00027	0	11	5
28.90229	479.704293	429.663992	70.2	0.000528	0.00025	0	11	4.8
28.231	476.240878	380.740313	70.2	0.000519	0.00025	0	11	4.7
27.95316	472.777463	380.3	70.2	0.000506	0.00023	0	11	4.5
27.04023	469.314049	380.3	70.3	0.000495	0.00022	0	11	4.3
27.48517	466.1	417.806857	70.3	0.000489	0.00021	0	11	4.1
26.9727	466.1	384.50089	70.4	0.000485	0.00019	0	11	3.9
27.65971	466.1	380.3	70.4	0.00049	0.00018	0	11	3.6
28.54891	466.1	380.3	69.8	0.000501	0.00018	0	11	3.5
28.3858	466.1	412.423847	69.6	0.000506	0.00017	0	11	3.4
27.6179	466.1	384.401074	70.1	0.000501	0.00017	0	11	3.2
27.42101	466.1	380.3	70.3	0.000494	0.00015	0	11	3
27.09462	466.1	380.3	70.3	0.000484	0.00014	0	11	2.9

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10:44:42.434	63.4	1933

27.16273	466.1	410.578784	70.3	0.00049	0.00014	0	11	2.9
27.906	467.731618	389.922037	70.3	0.00051	0.00014	0	11	2.8
28.69108	469.447304	380.3	70.3	0.000527	0.00014	0	11	2.7
29.42247	471.16299	380.3	70.2	0.000542	0.00013	0	11	2.5
30.22	472.878676	405.181159	70.2	0.000562	0.00013	0	11	2.3
31.34091	478.292783	393.990297	70.1	0.000581	0.00013	0	11	2.2
32.34568	484.254646	380.3	70.1	0.000601	0.00013	0	11	2.2
32.52209	490.21651	380.3	70	0.000634	0.00014	0	11	2.2
33.25696	496.178373	402.807042	70	0.000654	0.00014	0	11	2.2
33.55205	501.241254	406.207757	70	0.000662	0.00014	0	11	2.2
34.15041	505.968251	383.3	70	0.000691	0.00014	0	11	2.1
34.21115	510.695248	383.3	69.9	0.0007	0.00014	0	11	2.1
34.90003	515.422245	408.086408	69.9	0.000714	0.00014	0	11	2.1
35.84328	522.18902	411.76261	69.8	0.00074	0.00014	0	11	2.1
35.57952	529.558217	386.4	69.7	0.000759	0.00014	0	11	2.1
36.13593	536.927413	386.4	69.7	0.000776	0.00015	0	11	2.1
35.8757	544.29661	406.43748	69.7	0.00077	0.00015	0	11	2.1
35.77434	548.508298	422.619848	69.9	0.000784	0.00015	0	11	2.1
35.89238	551.373203	391.375347	70	0.000783	0.00015	0	11	2.1
35.76383	554.238108	392.6	70	0.000778	0.00015	0	11	2.1
36.80183	557.103013	419.209845	70	0.000788	0.00015	0	11	2.1
36.65894	558.1	440.480922	70.1	0.000799	0.00015	0	11	2.1
36.38016	558.1	400.692995	70.1	0.000796	0.00015	0	11	2.1
35.61309	558.1	402.2	70.1	0.000786	0.00015	0	11	2.1
35.96829	558.1	429.134653	70.1	0.000788	0.00015	0	11	2.1
36.09453	557.454591	443.872233	70.1	0.000776	0.00015	0	11	2.1
35.65937	556.495589	407.045773	70.1	0.000759	0.00014	0	11	2.1
34.11765	555.536586	410.769565	70.1	0.000744	0.00014	0	11	2.1
33.11224	554.577583	412.1	70.1	0.000712	0.00014	0	11	2.1
32.38408	549.876173	459.965949	70.6	0.000695	0.00013	0	11	2.1
31.78169	541.462174	412.1	70.7	0.000665	0.00013	0	11	2.1
30.4873	533.048176	412.1	70.5	0.000632	0.00013	0	11	2.1
29.39129	524.634177	412.1	70.5	0.000587	0.00012	0	11	2.1
28.71071	514.017516	450.010069	70.5	0.000537	0.00011	0	11	2.1
27.32225	500.946726	412.1	70.5	0.000469	0.0001	0	11	2.1
23.97552	487.875936	412.1	70.7	0.0004	0.00009	0	11	2.1
22.41406	474.805146	412.1	70.8	0.000379	0.00009	0	11	2.1
21.85076	463.502878	434.516094	70.8	0.000379	0.00008	0	11	2.1
21.40916	455.727064	411.495719	70.8	0.000374	0.00008	0.00001	11	2.1
21.07675	447.95125	408.8	70.8	0.000373	0.00008	0.00004	11	2.1
21.58973	440.175435	408.8	70.8	0.000376	0.00008	0.0001	11	2.1
21.55187	434.102872	418.56665	70.6	0.000376	0.00008	0.00005	11	2.1
21.29326	430.893412	405.5	70.5	0.000372	0.00008	0.00007	11	2.1
21.02888	427.683953	405.5	70.4	0.00037	0.00008	0.00005	11	2.1
21.46429	424.474493	405.5	70.4	0.000374	0.00008	0.00007	11	2.1
22.13205	422.564596	412.925	70.4	0.000386	0.00008	0.00004	11	2.1
23.12453	425.030079	402.2	70.4	0.000397	0.00008	0.00001	11	2.1
22.06598	427.495562	402.2	70.3	0.000398	0.00008	0.00001	11	2.1
21.72059	429.961045	402.2	70.3	0.0004	0.00008	0	11	2.1
22.26561	432	415.17238	70.3	0.000401	0.00008	0.00004	11	2.1
22.17838	432	398.91381	70.3	0.000408	0.00008	0	11	2.1
21.85943	432	398.8	70.2	0.0004	0.00008	0.00004	11	2
21.8921	432	398.8	70.2	0.000406	0.00008	0.00004	11	2
22.01619	431.795385	413.155493	70.2	0.000399	0.00008	0.00007	11.5	2.1
21.64012	428.598269	400.687843	70.2	0.000403	0.00008	0.00009	11.5	2.1
20.81558	425.401154	398.8	70.3	0.000387	0.00008	0.00011	11	2.1
21.36431	422.204038	398.300779	70.3	0.000388	0.00008	0.00015	11	2.1
21.20516	419.006923	402.37377	70.3	0.000381	0.00008	0.00015	11	2.1
21.08495	415.115285	398.107545	70.3	0.00038	0.00008	0.00018	11	2.1
20.45807	411.149892	395.7	70.3	0.00037	0.00008	0.00016	11.5	2.1
21.08344	407.184499	395.7	70.3	0.000366	0.00008	0.00018	12	2.1
21.34363	403.219106	396.992717	70.4	0.000367	0.00008	0.00017	12	2.1
21.43084	405.796919	395.425657	70.4	0.000364	0.00008	0.00015	12	2.1

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10:44:44.434	73.4	1925
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10:44:49.434	75.5	1925
10:44:50.434	74.3	1928
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10:44:57.434	54.1	1929
10:44:58.434	54.6	1931
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10:45:00.434	55.9	1931
10:45:01.434	53.8	1933
10:45:02.434	54.1	1935
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10:45:05.434	54.4	1932
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10:45:07.434	53.4	1934
10:45:08.434	53.7	1932
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10:45:14.434	73.5	1928
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10:45:16.434	72.5	1935
10:45:17.434	31.5	1911
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10:45:25.434	16.2	892
10:45:26.434	18.6	896
10:45:27.434	20.5	898
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10:45:29.434	22	900
10:45:30.434	21.6	899
10:45:31.434	21.8	900
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10:45:34.434	21.6	900
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10:45:36.434	14.1	935
10:45:37.434	16.5	895
10:45:38.434	16.5	898
10:45:39.434	16.5	901
10:45:40.434	16.1	901
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10:45:42.434	21.2	895
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10:45:44.434	21.4	901
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22.1693	410.637995	392.6	70.3	0.00038	0.00008	0.00008	12	2.1
23.17988	415.479071	392.6	70.3	0.000405	0.00009	0.00002	12	2.1
23.91986	420.320147	396.779208	70.1	0.00043	0.00009	0	12	2.1
24.45188	425.643482	400.180588	70.1	0.000445	0.00009	0	12	2.1
24.88698	431.223088	392.6	70.1	0.000454	0.00009	0	12	2.1
25.12372	436.802694	390.712336	70.1	0.000456	0.00009	0	12	2.1
25.93525	442.382299	389.5	70.1	0.000465	0.0001	0	12	2.1
25.91609	446.024795	407.261171	70.1	0.000466	0.0001	0	12	2.1
25.983	447.691047	388.245383	70.2	0.000463	0.0001	0	12	2.1
25.74351	449.357299	386.4	70.2	0.000464	0.0001	0	12	2.1
27.21941	451.023551	387.551547	70.3	0.000521	0.00011	0	12	2.1
34.4003	463.162799	408.978388	70.4	0.000545	0.00012	0	12	2.1
26.81014	486.923979	386.4	70.3	0.000499	0.00011	0	12	2.1
27.03771	510.685158	386.4	70.2	0.000563	0.00011	0.00804	12	2
26.93326	534.446338	386.4	70.2	0.000638	0.0001	0.03242	12	2
27.17201	557.758728	455.179307	70.2	0.000671	0.0001	0.0435	12	2
26.97495	580.188187	389.941445	70.2	0.000677	0.0001	0.04029	12	2
26.89403	602.617647	394.217027	70.2	0.00067	0.0001	0.03413	12	2
26.67445	625.047107	400.856342	70.2	0.000662	0.0001	0.02932	12	2
26.13243	644.976145	525.524118	70.2	0.000658	0.0001	0.02747	12	2
26.74563	651.273855	420.404451	70.2	0.000664	0.0001	0.0294	12	2
26.97141	657.571565	425.073307	70.2	0.000665	0.0001	0.0348	12	2
27.26751	663.869275	435.489453	70.2	0.00066	0.0001	0.04379	12	2
26.41309	670.166985	525.732163	70.2	0.000649	0.0001	0.05181	12	2
25.96091	645.855161	480.777551	70.3	0.000636	0.00011	0.05627	12	2.2
26.42607	620.36727	467.154509	70.3	0.000582	0.00013	0.04613	12	3
25.11155	594.879379	476.875472	70.3	0.00057	0.00016	0.02162	12	3.5
27.20202	569.391488	499.737553	70.3	0.000606	0.00018	0.00658	12	3.7
27.72211	550.76219	509.313886	70.2	0.000622	0.00019	0.00222	12	3.7
28.82728	534.934289	500.128374	70.2	0.000603	0.00019	0.00065	12	3.6
28.03085	519.106389	501.3	70.2	0.000548	0.00018	0.00018	12	3.4
28.47772	503.278488	500.366092	70.2	0.000519	0.00016	0.00001	12	3.1
28.00221	479.698964	495.868315	70.1	0.000497	0.00015	0	12	3
25.86864	455.012066	489.483168	70.1	0.000454	0.00013	0	12	2.7
16.73557	430.325169	484.116069	70.2	0.000352	0.00008	0	12	2.2
13.92679	405.638271	463.122183	70.3	0.000327	0.00008	0	12	2.1
26.94116	368.436552	456.34941	69.7	0.000333	0.00012	0	12	2.1
33.21974	326.440081	464.79935	69.5	0.000177	0.00012	0	12	2
31.83322	284.44361	459.308609	67.8	0.000092	0.00012	0	12	2.1
30.60173	242.447139	404.799859	67.2	0.000048	0.00011	0	12	2.1
30.14401	227.078592	395.981213	64.4	0.000029	0.0001	0	12	2.1
15.36366	220.304243	434.943418	63.5	0.000006	0.00003	0	12	2.1
6.4425	213.529894	429.312	61.6	0.000005	0.00003	0	12	2.1
6.74	206.755545	401.246429	61	0.000005	0.00003	0	12	2.1
6.77045	205.945507	361.51538	60.2	0.000005	0.00003	0	12	2.1
6.81597	208.98088	415.462141	60	0.000006	0.00003	0	12	2.1
6.78891	212.016252	412.1	59.2	0.00001	0.00003	0	12	2.1
6.94217	215.051625	408.950402	58.9	0.000019	0.00003	0	12	2.1
7.06748	217.065398	337.066488	58.1	0.000028	0.00002	0	12	2.1
6.90737	217.691337	400.96833	57.9	0.000035	0.00003	0	12	2.1
6.86	218.317276	395.329348	56	0.000039	0.00003	0	12	2.1
6.86234	218.943215	392.6	55.4	0.000042	0.00003	0	12	2.1
7.1372	218.745372	326.40969	50.6	0.000045	0.00003	0	12	2.1
7.23513	217.455539	384.775543	49	0.000046	0.00003	0	12	2.1
6.71691	216.165706	380.3	43.1	0.000045	0.00002	0	12	2.1
6.74257	214.875873	377.505867	41.1	0.000045	0.00002	0	12	2.1
6.74	213.92	317.439808	38.7	0.000045	0.00003	0	12	2.1
6.78351	213.331765	369.961998	37.9	0.000044	0.00003	0	12	2.1
6.96038	212.743529	366.63607	35.4	0.000042	0.00003	0	12	2.1
6.91697	212.155294	364.6	34.6	0.000042	0.00003	0	12	2.1
7.01062	211.7	291.61828	31.1	0.000042	0.00003	0	12	2.1
6.92217	211.7	357.912048	30	0.000042	0.00003	0	12	2.1
6.93317	211.7	355.4	24.3	0.000043	0.00003	0	12	2.1

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10:45:53.434	34.9	826
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10:45:58.434	60.1	1900
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10:46:21.434	21.9	900
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6.82463	211.7	352.835455	22.4	0.000044	0.00003	0	11.5	2.1
6.80699	211.7	292.746075	16.5	0.000045	0.00003	0	11	2.1
6.92783	211.7	348.538127	14.5	0.000046	0.00002	0	11.5	2
6.85847	211.7	345.527982	10.1	0.000046	0.00002	0	12	2
6.99294	211.7	343.2	8.6	0.000047	0.00002	0	12	2
6.51654	214.34961	283.196631	2.1	0.000058	0.00003	0	11.5	2
6.60254	224.699647	340.127234	0	0.000066	0.00003	0	11	2
7.00667	235.049685	337.4	0.9	0.000075	0.00004	0	11	2
10.14769	245.399723	335.644122	1.2	0.000094	0.00004	0	11	1.9
21.72671	256.982734	298.30411	4.4	0.000213	0.00006	0	11	1.9
29.49059	271.658993	331.10109	5.4	0.000373	0.00009	0	11	1.9
20.7239	286.335252	328.140339	9.4	0.000352	0.00008	0	11	1.8
21.30307	301.011511	325.6	10.7	0.000311	0.00007	0.00004	11	1.8
33.59473	319.929732	320.1625	12.6	0.000466	0.00009	0.00004	11	1.8
37.59109	371.492623	325.6	13.2	0.000658	0.00012	0	11	1.8
45.74589	423.055514	325.6	17.2	0.000938	0.00016	0	11	1.8
49.60848	474.618405	327.030257	18.5	0.001088	0.00018	0	11	1.8
20.78001	520.62666	419.761636	24.2	0.000636	0.00012	0	11	1.8
52.79839	524.304764	337.450877	26.1	0.000829	0.00016	0	11	1.8
46.515	527.982868	341.117344	29	0.000926	0.00017	0	11	1.8
50.93953	531.660973	347.513316	29.9	0.000895	0.00017	0	11	1.8
16.24404	531.987518	431.028873	34.5	0.000653	0.00012	0.0001	11	1.8
17.85259	484.103173	367.942885	36.1	0.0004	0.00007	0.00029	11	1.8
13.04357	436.218829	361.116716	38.3	0.000263	0.00005	0.00009	11	1.8
15.33087	388.334485	361.989907	39.1	0.000209	0.00006	0	11	1.8
26.41456	340.450141	356.054852	38.8	0.000213	0.00008	0	11	1.8
26.16913	306.736204	359.716595	38.7	0.000124	0.00008	0	11	1.8
24.65872	276.324619	367.047014	37	0.000063	0.00007	0	11	1.7
22.76177	245.913034	367.411528	36.4	0.000032	0.00007	0	11	1.7
19.71592	215.501448	323.084898	33.2	0.000019	0.00006	0	11	1.7
9.26935	208.960944	338.422798	32.2	0.000008	0.00003	0	11	1.7
6.4326	205.830594	361.5	27.2	0.000005	0.00002	0	11	1.7
6.8	202.700245	361.5	25.5	0.000005	0.00002	0	11	1.7
6.8	199.569895	328.493629	19.4	0.000005	0.00002	0	11	1.7
6.70818	200.362237	327.62478	17.3	0.000005	0.00002	0	11	1.7
6.7687	202.22259	356.60178	10.2	0.000008	0.00002	0	11	1.8
7.04275	204.082943	355.4	7.7	0.000015	0.00002	0	11	1.8
6.44	205.943295	332.915021	2	0.000022	0.00002	0	11	1.8
6.39871	207.013114	312.624192	0	0.00003	0.00002	0	11	1.9
6.27559	207.651621	349	0	0.000035	0.00002	0	11	1.9
6.22638	208.290128	347.068107	0	0.000047	0.00003	0	11	1.9
8.31345	208.928635	340.382243	0	0.000084	0.00004	0	11	1.9
25.44982	232.331861	299.551833	0	0.000233	0.00008	0	11	1.8
39.68261	272.561186	335.209709	2	0.000493	0.00012	0	11	1.9
54.08405	312.79051	331.4	2.6	0.00091	0.0002	0	11	1.9
21.40728	353.019834	328.779288	11.2	0.00052	0.00015	0	11	2.1
67.71901	385.512933	342.31348	14.2	0.000947	0.00024	0	11	2.1
73.83	409.489683	325.6	18.6	0.001341	0.0003	0	11	2.1
80.60847	433.466433	327.777866	20.1	0.001501	0.00034	0	11	2.1
68.12877	457.443182	333.988254	28.3	0.000733	0.00019	0	11	2.1
40.75455	464.951755	394.336067	31	0.000819	0.00023	0	11	2.1
57.31305	441.469782	343.671961	35.2	0.000857	0.0002	0	11	2.1
32.76036	417.987808	347.234336	36.6	0.000496	0.00011	0	11	2.1
21.29096	394.505835	353.905357	40.9	0.000327	0.00009	0.00016	11	2.2
21.00862	368.344038	364.31481	42.3	0.000279	0.00012	0.00011	11	2.2
42.44563	324.405393	358.724043	41.6	0.000211	0.00017	0	11	2.3
41.9666	280.466749	358.4	41.3	0.000095	0.00017	0	11	2.2
38.48473	236.528105	357.232432	39.7	0.000041	0.00013	0	11	2
33.37984	195.785948	285.063005	39.1	0.000024	0.00011	0	11	2
28.38184	187.762887	348.764861	33.9	0.000021	0.0001	0	11	2
23.82627	179.739827	346.159823	32.2	0.000018	0.00008	0	11	2
15.60728	171.716767	342.329223	25.8	0.000008	0.00004	0	11	2
7.61051	163.693706	280.650986	23.7	0.000007	0.00003	0	11	2

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10.90831	160.378506	323.24087	20.7	0.000008	0.00004	0	11	2
19.16963	157.439527	334.540465	19.6	0.00001	0.00004	0	11	2
12.90421	154.500548	330.53	15.2	0.00001	0.00003	0	11	2
7.29782	151.561569	269.9675	13.7	0.00001	0.00003	0	11	2
7.0616	159.929811	309.383841	9.8	0.00001	0.00003	0	11	2
7.00384	169.40271	323.245348	8.5	0.000011	0.00003	0	11	2
7.26181	178.875609	319.526111	4.7	0.000021	0.00003	0	11	2
14.23094	188.348508	281.4475	3.5	0.000057	0.00005	0	11	2
23.97708	225.297349	292.461553	3.6	0.000211	0.00008	0	11	2
33.58131	265.676818	307.011765	3.6	0.000465	0.00012	0	11	1.9
50.3532	306.056288	302.147683	9.4	0.000789	0.0002	0	11	2
33.47258	346.435758	309.345114	11.3	0.00029	0.00009	0	11	2
23.17374	361.983077	306.088035	16.2	0.000185	0.00008	0	11	2.1
25.98353	370.444615	296.6	17.8	0.00024	0.00009	0	11	2.1
27.52676	378.906154	296.6	19.8	0.000368	0.0001	0	11	2
28.1144	387.367692	315.605293	20.4	0.000443	0.00011	0.00002	11	2.1
27.34083	375.037438	316.265963	23.4	0.000482	0.00011	0.00012	11	2.1
26.86413	355.702463	298.106176	24.4	0.000435	0.0001	0.00011	11	2.1
25.45498	336.367488	301.629091	26.7	0.000352	0.00009	0.00015	11	2.1
13.81913	317.032512	303.517903	27.5	0.000201	0.00006	0.00006	11	2.1
14.84086	295.6748	306.275	28.2	0.000142	0.00005	0.00003	11	2.1
13.53426	273.3998	306.834694	28.4	0.000135	0.00005	0	11	2.2
13.24436	251.1248	308.1	29.1	0.000154	0.00007	0	11	2.1
28.84008	228.8498	296.630231	29.3	0.000168	0.0001	0	11	2.1
28.70575	211.18338	295.120255	28.8	0.00009	0.00011	0	11	2.2
28.06445	195.606897	311	28.7	0.000048	0.00011	0	11	2.2
27.39065	180.030415	311	27.8	0.000029	0.0001	0	11	2.2
19.96325	164.453932	276.528929	27.5	0.000017	0.00009	0	11	2.2
23.51203	185.005894	275.571683	25.7	0.000079	0.0001	0	11	2.2
24.17956	217.02947	303.357045	25.1	0.000192	0.00008	0	11	2.1
13.59345	249.053045	302.1	26.2	0.000255	0.00007	0	11	2.1
12.02	281.076621	298.314677	26.6	0.000212	0.00006	0.00001	11	2.2
11.76932	277.244831	296.100973	26.9	0.000196	0.00006	0.00018	11	2.2
21.43773	257.077191	296.6	27	0.000204	0.00009	0.00012	11	2.2
9.59888	236.90955	293.996491	25.2	0.00006	0.00004	0	11	2.2
10.34541	216.74191	276.294857	24.6	0.000034	0.00004	0	11	2.2
10.07931	204.497341	274.324804	23.4	0.000024	0.00004	0	11	2.2
9.5392	194.893795	291.1	23	0.000036	0.00004	0	11	2.2
18.11617	185.290249	291.1	21.6	0.000052	0.00005	0	11	2.2
7.10525	175.686703	274.519726	21.2	0.000035	0.00004	0	11	2.3
10.56719	184.955679	263.75087	19.5	0.000031	0.00004	0	11	2.2
11.58078	202.743311	286.787426	19	0.000034	0.00005	0	11	2.2
11.16876	220.530944	285.7	18.6	0.000054	0.00004	0	11	2.3
14.86808	238.318576	280.239492	18.5	0.000136	0.00006	0	11	2.3
20.59255	275.6703	273.464856	19.1	0.000281	0.00008	0	11	2.3
25.35879	324.512046	281.497556	19.3	0.000412	0.0001	0	11	2.3
27.79488	373.353792	280.1	21.2	0.000516	0.00011	0	11.5	2.3
30.22474	422.195538	288.260387	21.9	0.000639	0.00013	0	12	2.3
33.80587	455.742492	332.683219	25	0.000745	0.00015	0	11.5	2.3
35.75725	475.671588	282.224348	26	0.000797	0.00016	0	11	2.3
34.57337	495.600684	287.482	29.5	0.000748	0.00015	0	11	2.3
32.6838	515.52978	296.968569	30.6	0.000681	0.00014	0	11.5	2.3
31.66155	514.308232	365.621535	34	0.000535	0.00011	0	11.5	2.2
26.53067	497.770702	304.447059	35.1	0.000292	0.00007	0.00002	11.5	2.2
24.66311	481.233172	309.579273	36.7	0.000353	0.0001	0	12	2.2
20.94062	464.695642	313.95356	37.3	0.000335	0.00008	0	12	2.2
12.81495	435.836708	367.151388	38.7	0.000234	0.00006	0	12	2.2
13.1495	391.918281	320.606034	39.2	0.000202	0.00005	0.00005	12	2.2
12.44761	347.999854	323.75668	39.8	0.000164	0.00005	0.00017	12	2.2
12.36994	304.081428	325.6	40	0.000118	0.00005	0.00013	12	2.2
12.26949	272.906162	306.083333	39.8	0.000077	0.00005	0.00006	12	2.2
13.11417	267.486711	328.972826	39.8	0.000062	0.00005	0.00007	12	2.1
13.03872	262.067261	331.4	40.3	0.000079	0.00005	0.00003	12	2.1

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10:48:28.434	22.8	799
10:48:29.434	22.6	801
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10:48:53.434	24.7	800
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13.30303	256.64781	331.4	40.5	0.000097	0.00005	0.00005	12	2.1
13.41178	249.28769	297.671753	41	0.000107	0.00005	0.00009	12	2.1
13.46863	237.176275	331.4	41.2	0.000102	0.00005	0.00007	12	2.1
13.37192	225.064859	331.4	41.4	0.00009	0.00005	0.00009	12	2.2
13.38262	212.953444	331.4	41.5	0.000077	0.00005	0.00006	12	2.2
12.29627	206.259807	274.354554	41.3	0.000063	0.00005	0.00004	12	2.2
13.25087	214.288827	328.241584	41.2	0.000052	0.00005	0.00001	12	2.2
12.89213	222.317848	325.6	40.1	0.000058	0.00005	0	12	2.2
16.56461	230.346868	324.123148	39.8	0.000103	0.00006	0	12	2.2
18.03863	239.078293	281.799157	39.7	0.000158	0.00006	0	12	2.1
17.2265	252.349137	317.84902	39.6	0.000178	0.00005	0	12	2.1
13.41404	265.61998	316.765948	39.5	0.000179	0.00005	0	12	2.1
12.81681	278.890824	314	39.4	0.000184	0.00005	0.00006	12	2.1
16.87133	291.1	302.66875	39.2	0.000215	0.00005	0.00015	12	2.1
16.50962	291.1	307.40198	39.2	0.000227	0.00005	0.00019	12	2.1
12.77226	291.1	308.1	39.1	0.000195	0.00005	0.00006	12	2.1
12.55578	291.1	305	39.1	0.000184	0.00004	0.00004	12	2.1
12.00219	291.1	299.914899	38.7	0.000167	0.00004	0.00013	12	2.1
6.9839	278.516262	301.706925	38.6	0.000111	0.00003	0.0001	12	2.1
6.69189	265.818243	302.1	35.8	0.00009	0.00003	0.0001	12	2.1
6.96133	253.120223	302.1	34.8	0.000073	0.00003	0.00006	12	2.1
6.91721	240.422203	280.263805	25.9	0.000058	0.00003	0.00003	12	2.2
6.77117	235.668228	295.130226	23	0.000051	0.00003	0.00001	12	2.2
6.92314	231.323568	299.984932	15.4	0.00005	0.00003	0	12	2.2
6.80507	226.978908	299.3	12.8	0.000049	0.00003	0	12	2.2
6.91265	222.634248	278.55811	6.7	0.000048	0.00003	0	12	2.2
6.22915	219.749226	289.10461	4.7	0.000046	0.00003	0	12	2.2
6.21003	217.16105	297.098283	1.2	0.000045	0.00002	0	12	2.2
6.19	214.572875	296.6	0	0.000045	0.00002	0	12	2.2
6.13591	211.984699	270.462929	0	0.000044	0.00002	0	12	2.2
6.24157	210.582295	287.161649	0	0.000045	0.00002	0	12	2.2
6.22917	209.326447	296.6	0	0.000045	0.00002	0	12	2.2
6.06546	208.070598	296.6	0	0.000045	0.00002	0	12	2.2
6.12516	206.81475	272.814286	0	0.000046	0.00002	0	12	2.2
6.03847	205.529103	280.702317	0	0.000046	0.00003	0	12	2.2
6.22572	204.23731	294.445631	0	0.000046	0.00003	0	12	2.2
6.22778	202.945517	293.8	0	0.000046	0.00002	0	12	2.2
6.11108	201.653723	268.757951	0	0.000046	0.00003	0	12	2.2
6.11668	203.09654	279.644375	0	0.000048	0.00003	0	12	2.2
9.90867	204.908731	291.979505	0	0.000063	0.00003	0	12	2.2
5.89396	206.720923	291.1	0	0.000058	0.00003	0	12	2.2
6.5896	208.533114	280.805625	0	0.000057	0.00003	0	12	2.2
6.91097	209.598788	270.470721	0	0.000057	0.00003	0	12	2.3
6.20239	210.229783	289.557143	0	0.000059	0.00003	0	12	2.2
7.73429	210.860777	288.4	0	0.000067	0.00003	0	12	2.2
6.95805	211.491772	280.164019	0	0.000066	0.00003	0	12	2.2
8.36299	210.893914	267.056311	0	0.000066	0.00003	0	12	2.2
7.74589	209.6908	285.7	0	0.000066	0.00003	0.00001	12	2.2
6.86084	208.487686	285.7	0	0.000064	0.00003	0	12	2.2
6.65221	207.284572	283.100935	0	0.00006	0.00003	0.00001	12	2.3
6.25466	206.043519	254.921688	0	0.000056	0.00003	0	12	2.3
6.17541	204.75238	282.208804	0	0.000052	0.00003	0.00001	12	2.3
6.20433	203.461241	280.1	0	0.000051	0.00003	0	12	2.3
6.22292	202.170101	280.1	0	0.00005	0.00003	0	12	2.3
6.20131	201.19836	252.206408	0	0.000049	0.00003	0	12	2.3
6.21184	200.571249	277.4	0	0.000049	0.00003	0	12	2.3
6.29803	199.944139	277.4	0	0.000049	0.00003	0	12	2.3
6.38305	199.317028	277.4	0	0.000049	0.00003	0	12	2.3
6.28746	198.697175	243.160059	0	0.00005	0.00003	0	12	2.2
6.2471	198.091726	274.7	0	0.00005	0.00002	0	12	2.2
6.25533	197.486276	274.7	0	0.00005	0.00002	0	12	2.2
6.24	196.880827	274.7	0	0.00005	0.00002	0	12	2.2
6.20256	196.5	242.144202	0	0.00005	0.00002	0	12	2.2

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10:49:57.434	22.4	900

6.24	196.5	272	0	0.00005	0.00002	0	12	2.2
6.23396	196.5	271.339516	0	0.00005	0.00002	0	12	2.2
6.1962	196.5	269.3	0	0.00005	0.00002	0	12	2.2
6.28006	196.5	240.411111	0	0.00005	0.00002	0	12	2.2
6.20576	196.5	269.3	0	0.00005	0.00002	0	12	2.2
6.179	196.5	269.3	0	0.00005	0.00002	0	12	2.2
6.13833	196.5	267.4522	0	0.000051	0.00002	0	12	2.2
6.16895	196.367504	233.960118	0	0.000051	0.00002	0	12	2.2
6.23176	195.80128	266.6	0	0.000051	0.00002	0	12	2.1
6.15321	195.235057	266.138911	0	0.000051	0.00002	0	12	2.1
6.16339	194.668833	263.8	0	0.000057	0.00003	0	12	2.1
13.22729	202.855299	229.489375	0	0.000093	0.00004	0	12	2.1
14.80725	253.176804	263.145347	0	0.000127	0.00005	0	12	2.1
18.78454	303.498309	263.8	0	0.000398	0.00011	0.00001	12	2
54.04574	353.819814	261.1	5	0.001077	0.00025	0	12	2
41.77495	404.141319	311.030519	6.7	0.00035	0.00009	0	12	2
35.51537	426.390329	277.451786	14.9	0.00035	0.0001	0	12	2
44.17598	447.860348	266.016782	17.6	0.00064	0.00016	0	12	2
50.20003	469.330368	269.519816	21.2	0.000965	0.0002	0	12	2
48.21058	490.800387	334.8125	22.4	0.000748	0.00016	0	12	2
20.97281	471.771629	316.16535	27.7	0.000299	0.00008	0	12	2
18.96041	444.856014	284.776106	29.5	0.000293	0.00008	0	12	2
16.7843	417.940398	288.367273	30.8	0.000264	0.00007	0	12	2
18.15573	391.024782	308.860615	31.3	0.000247	0.00006	0	12	2
17.99504	371.9556	311.015636	32.5	0.000256	0.00006	0.00011	12	2
16.42423	356.044801	298.502577	32.9	0.000252	0.00006	0.00018	12	2
15.8	340.134002	301.91731	33.8	0.000249	0.00006	0.00025	12	2
16.27	324.223202	305.581163	34.1	0.000229	0.00006	0.00041	12	1.9
16.26935	314.089471	307.39266	34.3	0.000204	0.00005	0.00033	12	1.9
16.33	306.180151	305	34.4	0.00018	0.00005	0.00021	12	1.9
16.62803	298.270831	307.907784	34.4	0.000169	0.00005	0.00013	12	1.9
16.67938	290.361511	304.040858	34.4	0.000179	0.00005	0.0001	12	1.9
16.57138	291.383556	303.931566	34.7	0.000206	0.00006	0.00013	12	1.9
23.03721	295.351052	308.1	34.8	0.00035	0.00009	0.00024	12	1.8
21.37953	299.318547	308.1	35.2	0.000296	0.00008	0.00012	12	1.8
18.67475	303.286042	308.041843	35.3	0.000231	0.00006	0.00012	12	1.8
18.72914	316.579252	307.173039	35.7	0.000252	0.00006	0.00078	12	1.8
18.00772	336.965259	308.1	35.8	0.000313	0.00006	0.00193	12	1.7
16.83144	357.351267	308.1	35.5	0.000297	0.00006	0.00306	12	1.8
16.09007	377.737274	308.1	35.4	0.00028	0.00007	0.0022	12	1.9
32.69927	373.74852	340.090764	34.6	0.000266	0.00011	0.00121	12	1.9
26.1037	336.510979	314.914594	34.3	0.000067	0.00005	0.00012	12	1.9
13.76824	299.273438	316.9	32.7	0.000029	0.00005	0	12	1.9
14.45828	262.035897	319.469502	32.2	0.000022	0.00005	0	12	1.9
15.12407	237.710244	293.651375	31.4	0.000039	0.00005	0	12	1.9
14.52618	227.944806	322.7	31.1	0.000082	0.00005	0	12	1.9
14.5964	218.179368	323.734346	31.6	0.000123	0.00005	0.00002	12	1.9
14.35709	208.41393	325.6	31.8	0.000125	0.00005	0.00005	12	2
10.42702	200.976137	272.263404	31.3	0.000075	0.00004	0.00003	12	2
6.25332	199.182084	325.6	31.2	0.000043	0.00003	0.00001	12	2
6.73401	197.388031	324.898817	30.5	0.000029	0.00003	0	12	2.1
6.88854	195.593979	322.7	30.3	0.000021	0.00003	0	12	2.1
6.93353	194.325989	262.760703	25.8	0.000019	0.00002	0	12	2.1
6.83632	194.89096	322.348828	24.3	0.000022	0.00002	0	12	2.1
6.64673	195.455932	319.8	17.7	0.00003	0.00002	0	12	2
6.8358	196.020904	319.8	15.5	0.000036	0.00002	0	12	2
6.98589	196.5	259.54322	11.9	0.000041	0.00002	0	12	2
6.82868	196.5	315.274506	10.6	0.000043	0.00002	0	12	2
6.74044	196.5	314.136471	9.5	0.000046	0.00002	0	12	2
7.06642	196.5	314	9.1	0.000048	0.00003	0	12	2.1
7.05	196.5	262.115445	8.4	0.000047	0.00002	0	12	2.1
7.07812	196.5	304.982564	8.2	0.000048	0.00002	0.00001	12	2.1
6.87832	196.5	308.466047	7.2	0.000048	0.00002	0.00001	12	2.1

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6.72824	196.5	307.574863	6.9	0.00005	0.00003	0	12	2.1
6.90809	196.5	274.632267	5.6	0.00005	0.00003	0	12	2.1
6.6665	195.510651	284.137647	5.1	0.000049	0.00002	0	12	2.1
6.19359	194.324382	299.87296	1.3	0.000048	0.00002	0.00001	12	2.1
6.11315	193.138112	298.681928	0	0.000047	0.00002	0	12	2.1
6.19881	191.951843	265.785021	0	0.000046	0.00002	0.00001	12	2.1
6.21851	191.8	278.418646	0	0.000046	0.00002	0	12	2.1
6.20434	191.8	293.8	0	0.000046	0.00002	0	12	2.1
6.21824	191.8	291.409188	0	0.000046	0.00002	0	12	2.1
6.30846	191.8	279.444875	0	0.000046	0.00002	0	12	2.1
6.20184	191.449284	262.646786	0	0.000046	0.00002	0	12	2.2
6.1537	190.876218	287.096188	0	0.000046	0.00002	0	12	2.2
6.29568	190.303152	285.7	0	0.000046	0.00003	0	12	2.2
6.21975	189.730086	283.127895	0	0.000046	0.00003	0	12	2.2
6.15055	189.162146	248.06234	0	0.000046	0.00003	0	12	2.2
6.14046	188.601171	280.1	0	0.000046	0.00003	0	12	2.2
6.20913	188.040195	280.1	0	0.000046	0.00003	0	12	2.2
6.27	187.47922	277.907761	0	0.000047	0.00003	0	12	2.3
6.17473	187.1	240.506981	0	0.000047	0.00003	0	12	2.3
6.22	187.1	274.7	0	0.000046	0.00003	0	12	2.3
6.22	187.1	274.7	0	0.000046	0.00003	0	12	2.3
6.2682	187.1	272.25125	0	0.000046	0.00003	0	12	2.3
6.32405	187.1	241.825735	0	0.000045	0.00003	0	12	2.3
6.22	187.1	269.3	0	0.000046	0.00003	0	12	2.4
6.25375	187.1	269.3	0	0.000046	0.00003	0	12	2.4
6.1961	187.1	267.437319	0				12	
6.26485	186.973869	229.09361	0				12	
6.22	186.387216	266.283647	0				12	
6.19875	185.800562	263.8	0				12	
6.15616	185.213909	263.8	0				12	

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