

time	dyno_rpm	dyno_torq	dyno_pow	dyno_throt	dyno_load	can_mc_rp	can_mc_cu	can_mc_v	can_mc_te	can_m_te	can_mc_th	psu_volt	psu_cur
0.3333333	0	0	0	0	0	0	0	0	0	0	0	4.7	0
0.6666666	174.866	-0.1232	0	0	0	0	0	0	0	0	0	4.6	0
1	201.86	-0.1232	0	0	0	0	0	0	0	0	0	4.6	0
1.3333333	192.862	0.0232	0	0	0	0	0	0	0	0	0	4.5	0
1.6666666	201.86	-0.1232	0	0	0	0	0	0	0	0	0	4.4	0
2	224.355	-0.1232	0	0	0	0	0	0	0	0	0	4.3	0
2.3333333	206.359	-0.1232	0	0	0	0	0	0	0	0	0	4.3	0
2.6666666	192.862	0.0232	0	0	0	0	0	0	0	0	0	4.2	0
3	197.361	-0.1232	0	0	0	0	0	0	0	0	0	4.2	0
3.3333333	201.86	0.0232	0	0	0	0	0	0	0	0	0	4.1	0
3.6666666	206.359	0.0232	0	0	0	0	0	0	0	0	0	4.1	0
4	188.363	-0.1232	0	0	0	0	0	0	0	0	0	4	0
4.3333333	197.361	0.0232	0	0	0	0	0	0	0	0	0	4	0
4.6666666	183.864	-0.1232	0	0	0	0	0	0	0	0	0	3.9	0
5	206.359	-0.1232	0	0	0	0	0	0	0	0	0	3.9	0
5.3333333	197.361	-0.1232	0	0	0	0	0	0	0	0	0	3.9	0
5.6666666	192.862	-0.1232	0	0	0	0	0	0	0	0	0	3.8	0
6	183.864	0.0232	0	0	0	0	0	0	0	0	0	3.8	0
6.3333333	174.866	-0.1232	0	0	4095	0	0	0	0	0	0	3.8	0
6.6666666	192.862	0.0232	0	0	4095	0	0	0	0	0	0	3.7	0
7	206.359	-0.1232	0	0	4095	0	0	0	0	0	0	3.7	0
7.3333333	251.349	-0.1232	0	0	4095	0	0	0	0	0	0	3.7	0
7.6666666	206.359	0.0232	0	0	4095	0	0	0	0	0	0	3.7	0
8	192.862	0.0232	0	0	4095	0	0	0	0	0	0	3.7	0
8.3333333	237.852	0.0232	0	0	4095	0	0	0	0	0	0	3.6	0
8.6666666	210.858	-0.1232	0	0	4095	0	0	0	0	0	0	3.6	0
9	179.365	-0.1232	0	0	4095	0	0	0	0	0	0	3.6	0
9.3333333	197.361	-0.1232	0	0	4095	0	0	0	0	0	0	3.6	0
9.6666666	192.862	-0.1232	0	0	4095	0	0	0	0	0	0	3.6	0
10	206.359	-0.1232	0	0	4095	0	0	0	0	0	0	19.2	0
10.333333	197.361	0.0232	0	0	4095	0	0	0	0	0	0	32.2	0
10.666666	188.363	0.0232	0	0	4095	0	58.2	40.1	23	6	0	44.5	0.8
11	233.353	0.0232	0	0	4095	0	2.4	58.9	23	11	0	59.3	0.2
11.333333	197.361	-0.1232	0	0	4095	0	1	76.9	23	14	0	68.8	0.5
11.666666	188.363	-0.1232	0	0	4095	0	6.2	85.8	23	17	0	80.4	1.1
12	17.401	-0.2696	0	0	4095	0	3	89.8	23	18	0	87.6	0.7
12.333333	282.842	-0.1232	0	0	4095	0	3.1	89.8	23	19	0	89.5	0.4

12.666666	89.385	-0.1232	0	0	4095	0	2.6	89.8	23	20	0	89.6	0.4
13	192.862	0.0232	0	0	4095	0	3.5	89.8	23	21	0	89.6	0.3
13.333333	192.862	-0.2696	0	0	4095	0	2.6	89.8	23	21	0	89.6	0.3
13.666666	215.357	-0.1232	0	0	4095	0	2.7	89.8	23	22	0	89.6	0.3
14	278.343	-0.2696	0	0	4095	0	2.8	89.8	23	22	0	89.6	0.3
14.333333	197.361	-0.1232	0	0	4095	0	3.2	89.8	23	22	0	89.6	0.3
14.666666	188.363	-0.1232	0	0	4095	0	2.8	89.8	23	22	0	89.6	0.3
15	183.864	-0.1232	0	0	4095	0	3.2	89.8	23	22	0	89.6	0.3
15.333333	134.375	0.0232	0	0	4095	0	3.4	89.8	23	22	0	89.6	0.3
15.666666	143.373	0.0232	0	0	4095	0	3.2	89.8	23	22	0	89.6	0.3
16	206.359	-0.2696	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
16.333333	174.866	-0.1232	0	0	4095	0	2.7	89.8	23	22	0	89.6	0.3
16.666666	197.361	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
17	197.361	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
17.333333	188.363	-0.1232	0	0	4095	0	2.3	89.8	23	22	0	89.6	0.3
17.666666	192.862	-0.1232	0	0	4095	0	3.9	89.8	23	22	0	89.6	0.3
18	201.86	-0.1232	0	0	4095	0	3.7	89.8	23	22	0	89.6	0.3
18.333333	201.86	0.0232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
18.666666	197.361	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
19	188.363	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.4
19.333333	224.355	0.0232	0	0	4095	0	2.6	89.8	23	22	0	89.6	0.4
19.666666	206.359	-0.1232	0	0	4095	0	2.8	89.8	23	22	0	89.6	0.3
20	-14.092	0.0232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
20.333333	-90.575	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
20.666666	183.864	0.316	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
21	188.363	0.0232	0	0	4095	0	3.7	89.8	23	23	0	89.6	0.3
21.333333	120.878	0.0232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
21.666666	224.355	0.316	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
22	210.858	0.0232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
22.333333	570.778	0.1696	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
22.666666	206.359	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
23	134.375	-0.1232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
23.333333	188.363	-0.1232	0	0	4095	0	3.9	89.8	23	23	0	89.6	0.3
23.666666	138.874	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
24	350.327	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
24.333333	161.369	-0.1232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
24.666666	219.856	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
25	111.88	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3

25.333333	197.361	0.0232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
25.666666	215.357	0.0232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
26	197.361	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
26.333333	-198.551	0.0232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
26.666666	152.371	0.0232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
27	170.367	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
27.333333	332.331	-0.1232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
27.666666	197.361	0.0232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
28	147.872	0.1696	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
28.333333	206.359	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
28.666666	170.367	-0.1232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
29	188.363	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
29.333333	179.365	0.0232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
29.666666	179.365	0.0232	0	0	4095	0	3	89.8	23	22	0	89.6	0.3
30	426.81	0.0232	0	0	4095	0	3.6	89.8	23	22	0	89.6	0.3
30.333333	39.896	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
30.666666	206.359	0.1696	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
31	201.86	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.4
31.333333	224.355	-0.416	0	0	4095	0	2.4	89.8	23	23	0	89.6	0.4
31.666666	233.353	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
32	197.361	-0.1232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
32.333333	192.862	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
32.666666	188.363	0.0232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
33	206.359	-0.1232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
33.333333	165.868	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
33.666666	219.856	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
34	201.86	-0.1232	0	0	4095	0	4.1	89.8	23	23	0	89.6	0.3
34.333333	30.898	0.0232	0	0	4095	0	2.4	89.8	23	23	0	89.6	0.3
34.666666	201.86	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
35	318.834	0.0232	0	0	4095	0	3.7	89.8	23	23	0	89.6	0.3
35.333333	170.367	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
35.666666	206.359	0.0232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
36	161.369	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
36.333333	210.858	-0.2696	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.4
36.666666	116.379	0.0232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
37	174.866	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
37.333333	174.866	-0.1232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
37.666666	197.361	0.0232	0	0	4095	0	2.2	89.8	23	23	0	89.6	0.3

38	188.363	0.0232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
38.333333	84.886	0.0232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
38.666666	147.872	-0.5624	0	0	4095	0	3.9	89.8	23	23	0	89.6	0.3
39	224.355	-0.2696	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
39.333333	188.363	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.4
39.666666	197.361	0.0232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
40	197.361	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
40.333333	179.365	-0.1232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.4
40.666666	201.86	0.1696	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
41	210.858	-0.1232	0	0	4095	0	3.7	89.8	23	23	0	89.6	0.3
41.333333	206.359	0.0232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
41.666666	246.85	0.0232	0	0	4095	0	3.7	89.8	23	23	0	89.6	0.4
42	156.87	0.0232	0	0	4095	0	4	89.8	23	23	0	89.6	0.3
42.333333	161.369	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.4
42.666666	192.862	0.0232	0	0	4095	0	4.1	89.8	23	23	0	89.6	0.3
43	192.862	0.0232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
43.333333	179.365	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
43.666666	44.395	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
44	192.862	0.316	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
44.333333	183.864	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
44.666666	179.365	0.0232	0	0	4095	0	3	85.8	23	23	0	89.2	0.5
45	363.824	0.0232	0	0	4095	0	3.7	79.7	23	23	0	82.7	0.5
45.333333	152.371	-0.1232	0	0	4095	0	2.8	71.3	23	23	0	76.9	0.6
45.666666	192.862	-0.1232	0	0	4095	0	3.4	65.2	23	23	0	70.8	0.7
46	170.367	-0.1232	0	0	4095	0	1.4	57	23	23	0	61.2	0.8
46.333333	147.872	-0.416	0	0	4095	0	1	48.4	23	23	0	53.7	0.8
46.666666	215.357	-0.1232	0	0	4095	0	1	40.4	23	23	0	44.1	0.7
47	192.862	0.0232	0	0	4095	0	1.2	32.5	23	23	0	36.8	0.6
47.333333	197.361	-0.1232	0	0	4095	0	1.4	25.7	23	23	0	30.4	0.3
47.666666	233.353	-0.1232	0	0	4095	0	1.1	19.5	23	23	0	23.1	0.3
48	192.862	0.0232	0	0	4095	0	1.1	13.4	23	19	0	17.4	0.2
48.333333	206.359	-0.1232	0	0	4095	0	1.4	12	23	14	0	11.1	0.1
48.666666	174.866	0.0232	0	0	4095	0	1.4	12	23	14	0	8.6	0
49	192.862	0.0232	0	0	4095	0	1.4	12	23	14	0	7.2	0
49.333333	219.856	0.0232	0	0	4095	0	1.4	12	23	14	0	6.1	0
49.666666	188.363	-0.1232	0	0	4095	0	1.4	12	23	14	0	5.7	0
50	197.361	0.0232	0	0	4095	0	1.4	12	23	14	0	5.4	0
50.333333	201.86	0.0232	0	0	4095	0	1.4	12	23	14	0	5.1	0

50.666666	192.862	-0.1232	0	0	4095	0	1.4	12	23	14	0	4.9	0
51	206.359	-0.1232	0	0	4095	0	1.4	12	23	14	0	4.7	0
51.333333	192.862	-0.1232	0	0	4095	0	1.4	12	23	14	0	4.6	0
51.666666	201.86	0.0232	0	0	4095	0	1.4	12	23	14	0	5.9	0
52	197.361	-0.1232	0	0	4095	0	1.4	12	23	14	0	24	0
52.333333	197.361	0.0232	0	0	4095	0	57.6	34.3	23	6	0	37.4	0.5
52.666666	192.862	0.0232	0	0	4095	0	1.9	55	23	12	0	53.2	0.2
53	242.351	0.0232	0	0	4095	0	1.1	71.1	23	15	0	63.5	0.3
53.333333	174.866	-0.1232	0	0	4095	0	10.1	78.2	23	17	0	72.8	1.2
53.666666	242.351	-0.1232	0	0	4095	0	2.2	89.4	23	19	0	83.8	0.8
54	224.355	0.4624	0	0	4095	0	2.6	89.7	23	20	0	89.1	0.5
54.333333	210.858	-0.1232	0	0	4095	0	2.3	89.8	23	21	0	89.5	0.3
54.666666	188.363	-0.2696	0	0	4095	0	2.8	89.8	23	22	0	89.6	0.3
55	210.858	-0.2696	0	0	4095	0	2.9	89.8	23	22	0	89.6	0.3
55.333333	57.892	0.0232	0	0	4095	0	3	89.8	23	22	0	89.6	0.3
55.666666	179.365	-0.1232	0	0	4095	0	2.9	89.8	23	22	0	89.6	0.3
56	242.351	-0.1232	0	0	4095	0	2.5	89.8	23	22	0	89.6	0.3
56.333333	210.858	0.0232	0	0	4095	0	2.8	89.8	23	22	0	89.6	0.3
56.666666	314.335	-0.1232	0	0	4095	0	3.1	89.8	23	22	0	89.6	0.3
57	183.864	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
57.333333	-36.587	0.0232	0	0	4095	0	3	89.8	23	22	0	89.6	0.3
57.666666	201.86	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
58	197.361	-0.1232	0	0	4095	0	2.1	89.8	23	23	0	89.6	0.3
58.333333	152.371	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0
58.666666	197.361	-0.1232	0	0	4095	0	2.2	89.8	23	23	0	89.6	0.3
59	404.315	0.0232	0	0	4095	0	2.4	89.8	23	23	0	89.6	0.3
59.333333	-203.05	0.0232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
59.666666	242.351	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
60	201.86	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
60.333333	188.363	0.0232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
60.666666	219.856	-0.2696	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
61	143.373	0.0232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
61.333333	206.359	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
61.666666	183.864	0.0232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
62	188.363	-0.1232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
62.333333	192.862	-0.1232	0	0	4095	0	3.9	89.8	23	23	0	89.6	0.3
62.666666	197.361	-0.1232	0	0	4095	0	2.4	89.8	23	23	0	89.6	0.3
63	197.361	0.0232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3

63.333333	170.367	-0.2696	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
63.666666	269.345	0.0232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
64	161.369	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
64.333333	197.361	0.4624	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
64.666666	336.83	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
65	206.359	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
65.333333	359.325	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
65.666666	206.359	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
66	179.365	0.0232	0	0	4095	0	3.7	89.8	23	23	0	89.6	0.3
66.333333	206.359	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
66.666666	3.904	-0.1232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
67	192.862	0.6088	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
67.333333	570.778	0.0232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
67.666666	188.363	0.0232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
68	206.359	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
68.333333	197.361	-0.1232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
68.666666	206.359	-0.1232	0	0	4095	0	2.2	89.8	23	23	0	89.6	0.3
69	210.858	0.0232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
69.333333	197.361	-0.1232	0	0	4095	0	3.6	89.8	23	23	0	89.6	0.3
69.666666	363.824	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
70	197.361	0.0232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
70.333333	206.359	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
70.666666	399.816	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
71	188.363	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
71.333333	192.862	0.0232	0	0	4095	0	2.2	89.8	23	23	0	89.6	0.3
71.666666	80.387	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
72	210.858	-0.1232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
72.333333	-158.06	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
72.666666	107.381	0.0232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
73	192.862	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
73.333333	206.359	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
73.666666	242.351	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
74	215.357	-0.1232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
74.333333	201.86	-0.1232	0	0	4095	0	3.4	89.8	23	23	0	89.6	0.3
74.666666	179.365	0.9016	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
75	291.84	0.0232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
75.333333	255.848	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
75.666666	242.351	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3

76	183.864	-0.1232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
76.333333	206.359	0.0232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
76.666666	242.351	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
77	273.844	0.7552	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
77.333333	174.866	0.0232	0	0	4095	0	2.9	89.8	23	23	0	89.6	0.3
77.666666	201.86	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
78	156.87	-0.1232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
78.333333	192.862	-0.1232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
78.666666	201.86	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
79	282.842	0.0232	0	0	4095	0	2.2	89.8	23	23	0	89.6	0.3
79.333333	206.359	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
79.666666	134.375	-0.1232	0	0	4095	0	2.7	89.8	23	23	0	89.6	0.3
80	201.86	-0.1232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
80.333333	116.379	0.0232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
80.666666	224.355	0.0232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
81	116.379	0.0232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
81.333333	228.854	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
81.666666	183.864	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
82	197.361	0.0232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
82.333333	197.361	-0.2696	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
82.666666	206.359	0.0232	0	0	4095	0	2.3	89.8	23	23	0	89.6	0.3
83	215.357	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
83.333333	161.369	0.1696	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
83.666666	188.363	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
84	174.866	-0.1232	0	0	4095	0	3.3	89.8	23	23	0	89.6	0.3
84.333333	80.387	0.0232	0	0	4095	0	3.5	89.8	23	23	0	89.6	0.3
84.666666	179.365	0.0232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0
85	-27.589	-0.1232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
85.333333	161.369	0.0232	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
85.666666	548.283	-0.1232	0	0	4095	0	2.1	89.8	23	23	0	89.6	0.3
86	206.359	-0.1232	0	0	4095	0	3.2	89.8	23	23	0	89	0.3
86.333333	206.359	0.0232	0	0	4095	0	3	89.8	23	23	0	89.6	0.3
86.666666	251.349	-0.1232	0	0	4095	0	3.1	89.8	23	23	0	89.6	0.3
87	174.866	-0.2696	0	0	4095	0	2.8	89.8	23	23	0	89.6	0.3
87.333333	408.814	0.0232	0	0	4095	0	2.5	89.8	23	23	0	89.6	0.3
87.666666	201.86	0.0232	0	0	4095	0	3.2	89.8	23	23	0	89.6	0.3
88	179.365	-0.2696	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3
88.333333	197.361	0.0232	0	0	4095	0	2.6	89.8	23	23	0	89.6	0.3

88.666666	156.87	-0.1232	0	40.95	4095	0	2.2	89.8	23	23	0	89.6	0.3
89	120.878	0.0232	0	40.95	4095	0	9.8	89.8	23	23	0	89.6	0.2
89.333333	368.323	0.0232	0	40.95	4095	0	12.1	89.8	23	23	0	89.6	0.2
89.666666	134.375	-0.2696	0	81.9	4095	0	13.2	89.8	23	23	0	89.6	0.3
90	12.902	0.1696	0	81.9	4095	0	19.1	89.8	23	23	0	89.6	0.3
90.333333	179.365	0.316	0	122.85	4095	0	26.2	89.8	23	23	0	89.6	0.4
90.666666	161.369	0.4624	0	163.8	4095	0	35.5	89.8	23	23	0	89.6	0.5
91	188.363	0.6088	0	204.75	4095	3	43.6	89.8	23	23	0	89.6	0.6
91.333333	201.86	1.78	0.0010167	286.65	4095	11	59.2	89.8	23	23	0	89.6	1
91.666666	-194.052	2.6584	0.0096172	327.6	4095	152	61.4	89.8	23	23	0	89.6	1.5
92	210.858	2.512	0.0727006	368.55	4095	258	55.6	89.8	23	23	0	89.6	2.1
92.333333	206.359	2.3656	0.1162080	368.55	4095	287	50.7	89.8	23	23	0	89.6	2.2
92.666666	188.363	2.6584	0.1452705	409.5	4095	315	56.2	89.8	23	23	0	89.6	2.4
93	291.84	2.6584	0.1594432	409.5	4095	341	53.5	89.8	23	23	0	89.6	2.6
93.333333	161.369	2.6584	0.1726036	409.5	4095	341	52.5	89.8	23	23	0	89.6	2.5
93.666666	170.367	2.512	0.1630982	409.5	4095	338	53.3	89.8	23	23	0	89.6	2.5
94	161.369	2.6584	0.1710851	819	4095	739	100.2	89.7	23	23	0	89.6	7
94.333333	939.696	3.5368	0.4976571	819	4095	1134	78.6	89.7	23	23	0	89.6	13.2
94.666666	1277.121	3.8296	0.8268785	819	4095	1434	77.1	89.7	23	23	0	89.6	15.9
95	1493.073	4.1224	1.1255753	819	4095	1553	78.6	89.7	23	23	0	89.6	17.7
95.333333	1637.041	4.5616	1.3488508	819	4095	1656	78.1	89.7	24	23	0	89.6	18.9
95.666666	1736.019	4.708	1.4844722	819	4095	1713	77.3	89.7	24	23	0	89.6	20.1
96	1790.007	5.1472	1.6788182	819	4095	1731	76.9	89.7	24	23	0	89.6	20.3
96.333333	1888.985	5.1472	1.6964591	819	4095	1742	77.4	89.7	24	23	0	89.6	20.6
96.666666	1794.506	5.0008	1.6586811	819	4095	1744	78	89.7	24	23	0	89.6	20.7
97	1951.971	5.1472	1.7091996	819	4095	1743	78	89.7	24	23	0	89.6	20.5
97.333333	1794.506	5.0008	1.6596333	819	4095	1748	77.6	89.7	24	23	0	89.6	20.8
97.666666	1852.993	4.708	1.5669428	1228.5	4095	2626	147.5	89.5	24	23	0	89.6	37.8
98	2586.33	9.6856	4.8428	1228.5	4095	3299	152.5	89.5	24	23	0	89.6	97.5
98.333333	3139.707	15.8344	9.9462463	1228.5	4095	3481	155.1	89.2	24	23	0	89.6	116.6
98.666666	3558.114	17.884	11.853428	1228.5	4095	3547	158.2	89.2	24	23	0	89.6	122.2
99	3468.134	18.4696	12.501795	1228.5	4095	3557	155.9	89.4	24	23	0	89.6	124
99.333333	3418.645	18.4696	12.508828	1228.5	4095	3547	156	89.1	24	23	0	89.6	123.9
99.666666	3508.625	18.7624	12.671407	1228.5	4095	3529	156.6	89.2	24	23	0	89.6	123.6
100	3427.643	18.616	12.501643	1228.5	4095	3516	151.7	89.2	24	23	0	89.6	122.9
100.33333	3504.126	18.4696	12.364644	1228.5	4095	3505	154.8	89.2	24	23	0	89.6	122.5
100.66666	3396.15	18.7624	12.521365	1187.55	4095	3415	149.6	89.2	24	23	0	89.6	116.8
101	3360.158	17.7376	11.533492	1187.55	4095	3367	149.1	89.4	24	23	0	89.6	111

101.33333	3328.665	17.4448	11.183671	1187.55	4095	3350	148.3	89.4	24	23	0	89.6	109.7
101.66666	3310.669	17.2984	11.033823	1146.6	4095	3272	141.6	89.2	24	23	0	89.6	104.3
102	3193.695	16.2736	10.138465	1146.6	4095	3222	140	89.2	24	23	0	89.6	97.8
102.33333	3198.194	15.9808	9.8039104	1146.6	4095	3216	141.8	89.5	24	23	0	89.6	96.8
102.66666	3009.236	15.688	9.6063610	1146.6	4095	3230	138.3	89.4	24	23	0	89.6	96.9
103	3175.699	15.688	9.6481797	1146.6	4095	3241	139.4	89.2	24	23	0	89.6	97.2
103.33333	3180.198	15.9808	9.8617236	1146.6	4095	3248	143.3	89.2	24	23	0	89.6	97.6
103.66666	3225.188	15.8344	9.7924849	1146.6	4095	3255	140.3	89.4	24	23	0	89.6	97.7
104	3198.194	15.688	9.7228560	1146.6	4095	3264	138.4	89.4	24	23	0	89.6	97.9
104.33333	3211.691	15.8344	9.8407238	1146.6	4095	3277	139.5	89.5	24	23	0	89.6	98.2
104.66666	3234.186	15.8344	9.8799178	1146.6	4095	3288	139.1	89.2	24	23	0	89.6	98.5
105	3193.695	15.688	9.8214287	1146.6	4095	3306	139.7	89.4	24	23	0	89.6	99.1
105.33333	3229.687	15.8344	9.9673508	1187.55	4095	3401	148.7	89.5	24	23	0	89.6	103.9
105.66666	3346.661	16.5664	10.727784	1187.55	4095	3473	148	89.2	24	23	0	89.6	111.4
106	3346.661	17.152	11.342135	1187.55	4095	3502	150	89.2	24	23	0	89.6	113.6
106.33333	3445.639	17.2984	11.534462	1187.55	4095	3501	148.3	89.2	24	23	0	89.6	114
106.66666	3436.641	17.152	11.433578	1187.55	4095	3508	148	89.2	24	23	0	89.6	114.2
107	3382.653	17.2984	11.554224	1187.55	4095	3507	148.4	89.2	24	23	0	89.6	114.2
107.33333	3423.144	17.2984	11.550930	1187.55	4095	3505	149.1	89.4	24	23	0	89.6	114.2
107.66666	3463.635	17.5912	11.739747	1187.55	4095	3510	148.6	89.2	24	23	0	89.6	114.2
108	3409.647	17.2984	11.560811	1187.55	4095	3507	148.4	89.2	24	23	0	89.6	114.2
108.33333	3427.643	17.2984	11.550930	1187.55	4095	3505	148.6	89.2	24	23	0	89.6	114.3
108.66666	3414.146	17.4448	11.642045	1187.55	4095	3509	146.8	89.5	24	23	0	89.6	114.2
109	3306.17	17.4448	11.655331	1187.55	4095	3509	150.2	89.4	24	23	0	89.6	114.2
109.33333	3427.643	17.152	11.462970	1187.55	4095	3513	149.8	89.4	24	23	0	89.6	114.4
109.66666	3490.629	17.2984	11.570692	1146.6	4095	3429	141.8	89.2	24	23	0	89.6	109.5
110	3346.661	16.42	10.720521	1146.6	4095	3380	140.5	89.4	24	23	0	89.6	102.7
110.33333	3211.691	16.1272	10.378891	1146.6	4095	3361	139.7	89.4	24	23	0	89.6	101
110.66666	3292.673	15.9808	10.226860	1146.6	4095	3357	139	89.4	24	23	0	89.6	100.8
111	3229.687	15.9808	10.214688	1146.6	4095	3359	140.4	89.5	24	23	0	89.6	100.8
111.33333	3261.18	15.8344	10.127141	1146.6	4095	3355	138.5	89.4	24	23	0	89.6	100.7
111.66666	3324.166	15.8344	10.115082	1146.6	4095	3358	139.5	89.2	24	23	0	89.6	100.8
112	3283.675	15.9808	10.217731	1146.6	4095	3360	138.5	89.4	24	23	0	89.6	100.7
112.33333	3292.673	15.8344	10.130156	1146.6	4095	3351	139.3	89.4	24	23	0	89.6	100.8
112.66666	3279.176	15.9808	10.196431	1146.6	4095	3360	139.5	89.2	24	23	0	89.6	100.7
113	3315.168	15.9808	10.223817	1146.6	4095	3355	138.9	89.5	24	23	0	89.6	100.7
113.33333	3301.671	15.8344	10.115082	1146.6	4095	3355	139.5	89.4	24	23	0	89.6	100.9
113.66666	3355.659	15.5416	9.9280403	1146.6	4095	3357	139.7	89.2	24	23	0	89.6	100.7

114	3324.166	15.9808	10.214688	1146.6	4095	3355	139.3	89.4	24	23	0	89.6	100.8
114.33333	3234.186	15.9808	10.208603	1146.6	4095	3354	141.7	89.4	24	23	0	89.6	100.7
114.66666	3252.182	15.9808	10.214688	1146.6	4095	3355	141	89.2	24	23	0	89.6	100.7
115	3234.186	15.8344	10.115082	1146.6	4095	3359	138	89.4	24	23	0	89.6	100.9
115.33333	3130.709	15.8344	10.127141	1146.6	4095	3362	139.2	89.4	24	23	0	89.6	100.9
115.66666	3283.675	15.9808	10.232945	1146.6	4095	3365	139.7	89.4	24	23	0	89.6	101
116	3387.152	15.8344	10.145231	1146.6	4095	3368	141	89.4	24	23	0	89.6	101
116.33333	3288.174	15.9808	10.248159	1146.6	4095	3360	138.3	89.5	24	23	0	89.6	101
116.66666	3319.667	15.9808	10.223817	1146.6	4095	3365	142.2	89.4	24	23	0	89.6	101
117	3292.673	15.9808	10.239031	1146.6	4095	3369	139.1	89.4	24	23	0	89.6	100.9
117.33333	3283.675	15.8344	10.157291	1146.6	4095	3369	139.2	89.4	24	23	0	89.6	101.1
117.66666	3355.659	15.8344	10.157291	1146.6	4095	3367	139.8	89.5	24	23	0	89.6	101
118	3310.669	15.9808	10.245116	1146.6	4095	3365	140.1	89.1	24	23	0	89.6	101
118.33333	3319.667	15.9808	10.239031	1146.6	4095	3362	139.4	89.4	24	23	0	89.6	101
118.66666	3310.669	15.9808	10.229902	1146.6	4095	3369	138.3	89.2	24	23	0	89.6	101
119	3292.673	15.9808	10.251202	1146.6	4095	3371	139.6	89.4	24	23	0	89.6	101.2
119.33333	3310.669	16.1272	10.351254	1146.6	4095	3368	139.2	89.4	24	23	0	89.6	101
119.66666	3292.673	15.8344	10.154276	1146.6	4095	3369	138.2	89.4	24	23	0	89.6	101.1
120	3360.158	15.9808	10.251202	1146.6	4095	3370	138.9	89.2	24	23	0	89.6	101.1
120.33333	3166.701	15.8344	10.160306	1146.6	4095	3368	140.6	89.4	24	23	0	89.6	101.1
120.66666	3283.675	15.688	10.060392	1146.6	4095	3372	139.3	89.5	24	23	0	89.6	101.3
121	3301.671	15.8344	10.166336	1146.6	4095	3375	140.1	89.4	24	23	0	89.6	101.1
121.33333	3396.15	15.8344	10.175380	1146.6	4095	3371	140.8	89.5	24	23	0	89.6	101.3
121.66666	3283.675	15.8344	10.163321	1146.6	4095	3372	138.2	89.4	24	23	0	89.6	101.2
122	3319.667	15.9808	10.260330	1146.6	4095	3374	139	89.4	24	23	0	89.6	101.1
122.33333	3256.681	16.1272	10.360467	1146.6	4095	3380	139.5	89.5	24	23	0	89.6	101.4
122.66666	3382.653	15.9808	10.284673	1146.6	4095	3376	141	89.5	25	23	0	89.6	101.2
123	3364.657	15.8344	10.178395	1146.6	4095	3375	141.4	89.4	25	23	0	89.6	101.4
123.33333	3301.671	15.9808	10.269459	1146.6	4095	3377	140.2	89.4	25	23	0	89.6	101.2
123.66666	3288.174	15.8344	10.181410	1146.6	4095	3370	140.3	89.5	25	23	0	89.6	101.3
124	3351.16	15.8344	10.160306	1146.6	4095	3379	138.5	89.4	25	23	0	89.6	101.4
124.33333	3274.677	15.9808	10.281630	1146.6	4095	3378	138.8	89.4	25	23	0	89.6	101.4
124.66666	3445.639	15.8344	10.184425	1146.6	4095	3377	138.9	89.5	25	23	0	89.6	101.3
125	3387.152	15.9808	10.272502	1146.6	4095	3377	140.1	89.4	25	23	0	89.6	101.3
125.33333	3360.158	15.9808	10.275544	1146.6	4095	3376	140.1	89.2	25	23	0	89.6	101.4
125.66666	3288.174	15.9808	10.272502	1146.6	4095	3379	138.9	89.2	25	23	0	89.6	101.5
126	3184.697	16.1272	10.378891	1146.6	4095	3382	138.5	89.4	25	24	0	89.6	101.4
126.33333	3247.683	15.8344	10.196485	1146.6	4095	3377	142	89.2	25	24	0	89.6	101.4

126.66666	3274.677	15.9808	10.275544	1146.6	4095	3381	140.6	89.4	25	24	0	89.6	101.4
127	3256.681	15.9808	10.287716	1146.6	4095	3384	139.1	89.2	25	24	0	89.6	101.5
127.33333	3400.649	15.9808	10.296844	1146.6	4095	3379	140.3	89.2	25	25	0	89.6	101.3
127.66666	3351.16	15.9808	10.281630	1146.6	4095	3383	141.3	89.2	25	25	0	89.6	101.4
128	3279.176	15.9808	10.293801	1146.6	4095	3381	140.1	89.4	25	25	0	89.6	101.4
128.33333	3324.166	15.9808	10.287716	1146.6	4095	3381	140.6	89.4	25	25	0	89.6	101.4
128.66666	3382.653	15.9808	10.281630	1146.6	4095	3382	139.5	89.4	25	25	0	89.6	101.3
129	3301.671	15.8344	10.196485	1146.6	4095	3378	140.2	89.4	25	25	0	89.6	101.3
129.33333	3423.144	15.9808	10.278587	1146.6	4095	3383	139.5	89.2	25	25	0	89.6	101.5
129.66666	3306.17	15.8344	10.202515	1146.6	4095	3385	138.5	89.5	25	25	0	89.6	101.5
130	3292.673	15.9808	10.299887	1146.6	4095	3382	139.9	89.4	25	25	0	89.6	101.4
130.33333	3202.693	15.8344	10.196485	1146.6	4095	3383	140	89.2	25	25	0	89.6	101.5
130.66666	3346.661	16.1272	10.388103	1146.6	4095	3386	139.7	89.2	25	25	0	89.6	101.5
131	3283.675	15.8344	10.208545	1146.6	4095	3381	140	89.4	25	25	0	89.6	101.6
131.33333	3234.186	15.9808	10.287716	1146.6	4095	3386	139.2	89.4	25	25	0	89.6	101.4
131.66666	3324.166	15.9808	10.302930	1146.6	4095	3389	138.6	89.2	25	25	0	89.6	101.5
132	3396.15	15.8344	10.217589	1146.6	4095	3393	139.9	89.2	25	25	0	89.6	101.7
132.33333	3216.19	15.8344	10.229649	1146.6	4095	3384	139.9	89.4	25	25	0	89.6	101.6
132.66666	3328.665	15.688	10.108185	1146.6	4095	3390	140.4	89.4	25	25	0	89.6	101.7
133	3342.162	15.8344	10.220604	1146.6	4095	3388	139	89.4	25	25	0	89.6	101.6
133.33333	3324.166	15.9808	10.309015	1146.6	4095	3386	140.1	89.2	25	25	0	89.6	101.6
133.66666	3225.188	15.8344	10.208545	1146.6	4095	3389	139	89.2	25	25	0	89.6	101.7
134	3355.659	15.9808	10.312058	1146.6	4095	3392	138.6	89.2	25	25	0	89.6	101.6
134.33333	3369.156	15.9808	10.321186	1146.6	4095	3391	138.9	89.4	25	25	0	89.6	101.8
134.66666	3351.16	15.9808	10.318144	1146.6	4095	3392	139.1	89.4	25	25	0	89.6	101.7
135	3306.17	15.9808	10.321186	1146.6	4095	3386	140.4	89.4	25	25	0	89.6	101.6
135.33333	3337.663	15.8344	10.208545	1146.6	4095	3392	137	89.2	25	25	0	89.6	101.7
135.66666	3319.667	15.8344	10.226634	1146.6	4095	3394	139.3	89.2	25	25	0	89.6	101.7
136	3247.683	16.1272	10.421880	1146.6	4095	3388	140.6	89.4	25	25	0	89.6	101.7
136.33333	3450.138	15.8344	10.214574	1146.6	4095	3393	139.1	89.5	25	25	0	89.6	101.7
136.66666	3274.677	15.8344	10.229649	1146.6	4095	3389	140.1	89.4	25	25	0	89.6	101.8
137	3319.667	16.1272	10.400385	1146.6	4095	3388	138.4	89.4	25	25	0	89.6	101.7
137.33333	3247.683	15.8344	10.214574	1146.6	4095	3389	140.8	89.5	25	25	0	89.6	101.6
137.66666	3324.166	15.9808	10.312058	1146.6	4095	3390	139.8	89.4	25	25	0	89.6	101.7
138	3324.166	15.8344	10.217589	1146.6	4095	3391	141.8	89.2	25	25	0	89.6	101.6
138.33333	3463.635	15.9808	10.318144	1146.6	4095	3392	140.1	89.2	25	25	0	89.6	101.8
138.66666	3337.663	15.9808	10.321186	1146.6	4095	3391	139.9	89.4	25	25	0	89.6	101.9
139	3252.182	15.9808	10.318144	1146.6	4095	3388	138.3	89.4	25	25	0	89.6	101.7

139.33333	3328.665	15.8344	10.214574	1146.6	4095	3388	139.3	89.5	25	25	0	89.6	101.7
139.66666	3337.663	15.8344	10.214574	1146.6	4095	3388	140.4	89.5	25	25	0	89.6	101.6
140	3351.16	15.9808	10.309015	1146.6	4095	3394	139.4	89.2	25	25	0	89.6	101.7
140.33333	3297.172	15.9808	10.327272	1146.6	4095	3394	140	89.2	25	25	0	89.6	101.9
140.66666	3315.168	15.9808	10.327272	1146.6	4095	3388	141.9	89.2	25	25	0	89.6	101.7
141	3229.687	15.8344	10.214574	1146.6	4095	3394	139.7	89.2	25	25	0	89.6	101.8
141.33333	3346.661	15.9808	10.318144	1146.6	4095	3390	141	89.4	25	25	0	89.6	101.6
141.66666	3270.178	16.1272	10.409597	1146.6	4095	3382	140.9	89.4	25	25	0	89.6	101.7
142	3328.665	15.9808	10.290758	1146.6	4095	3395	139.5	89.2	25	25	0	89.6	101.7
142.33333	3166.701	15.9808	10.330315	1146.6	4095	3390	139.1	89.4	25	25	0	89.6	101.7
142.66666	3310.669	16.1272	10.409597	1146.6	4095	3392	139.4	89.4	25	25	0	89.6	101.7
143	3427.643	15.9808	10.321186	1146.6	4095	3392	140.1	89.4	25	25	0	89.6	101.7
143.33333	3292.673	15.9808	10.321186	1146.6	4095	3386	140.2	89.4	25	25	0	89.6	101.8
143.66666	3288.174	15.9808	10.302930	1146.6	4095	3390	139.2	89.4	25	25	0	89.6	101.7
144	3153.204	16.1272	10.409597	1146.6	4095	3390	140	89.4	25	25	0	89.6	101.7
144.33333	3310.669	15.9808	10.315101	1146.6	4095	3394	139.4	89.4	25	25	0	89.6	101.8
144.66666	3342.162	15.9808	10.327272	1146.6	4095	3394	141.7	89.5	25	25	0	89.6	101.7
145	3360.158	15.9808	10.327272	1146.6	4095	3392	140.7	89.4	25	25	0	89.6	101.8
145.33333	3274.677	15.9808	10.321186	1146.6	4095	3398	138.8	89.2	25	25	0	89.6	101.8
145.66666	3360.158	15.9808	10.339443	1146.6	4095	3389	138.6	89.2	25	25	0	89.6	101.8
146	3360.158	15.8344	10.217589	1146.6	4095	3392	140.8	89.2	25	25	0	89.6	101.8
146.33333	3301.671	15.9808	10.321186	1146.6	4095	3396	139.7	89.2	25	25	0	89.6	101.6
146.66666	3328.665	15.8344	10.238694	1146.6	4095	3394	140.2	89.4	25	25	0	89.6	101.9
147	3319.667	15.9808	10.327272	1146.6	4095	3395	139.2	89.2	25	25	0	89.6	101.9
147.33333	3391.651	16.1272	10.424951	1146.6	4095	3391	141	89.4	25	25	0	89.6	101.7
147.66666	3355.659	15.8344	10.217589	1146.6	4095	3395	138.7	89.4	25	25	0	89.6	101.9
148	3337.663	16.1272	10.424951	1146.6	4095	3393	139.6	89.2	25	25	0	89.6	101.8
148.33333	3337.663	15.9808	10.324229	1146.6	4095	3392	138	89.4	25	25	0	89.6	101.8
148.66666	3292.673	16.1272	10.406527	1146.6	4095	3393	139.5	89.2	25	25	0	89.6	101.6
149	3306.17	15.9808	10.324229	1146.6	4095	3393	138.4	89.2	25	25	0	89.6	101.7
149.33333	3252.182	15.8344	10.229649	1146.6	4095	3399	139.4	89.2	25	25	0	89.6	101.8
149.66666	3220.689	15.8344	10.238694	1146.6	4095	3392	141	89.4	25	25	0	89.6	101.7
150	3265.679	15.8344	10.226634	1146.6	4095	3397	140.6	89.2	25	25	0	89.6	101.9
150.33333	3328.665	15.9808	10.333358	1146.6	4095	3396	141	89.4	25	25	0	89.6	102
150.66666	3441.14	15.8344	10.238694	1146.6	4095	3392	139.5	89.2	25	25	0	89.6	101.7
151	3324.166	15.9808	10.321186	1146.6	4095	3390	140.3	89.2	25	25	0	89.6	101.7
151.33333	3229.687	16.1272	10.409597	1146.6	4095	3387	140.2	89.2	25	26	0	89.6	101.7
151.66666	3306.17	15.8344	10.211559	1146.6	4095	3391	138.3	89.4	25	26	0	89.6	101.7

152	3346.661	15.9808	10.318144	1146.6	4095	3395	139.7	89.4	25	26	0	89.6	101.9
152.33333	3274.677	15.9808	10.330315	1146.6	4095	3392	139.7	89.4	25	26	0	89.6	101.7
152.66666	3324.166	15.9808	10.321186	1146.6	4095	3399	140.8	89.2	25	26	0	89.6	102
153	3180.198	15.8344	10.247739	1146.6	4095	3405	140.3	89.4	25	26	0	89.6	102.1
153.33333	3279.176	16.1272	10.455658	1146.6	4095	3394	141.5	89.4	25	27	0	89.6	101.9
153.66666	3288.174	15.9808	10.327272	1146.6	4095	3395	141.4	89.4	25	27	0	89.6	102
154	3454.637	15.8344	10.238694	1146.6	4095	3400	139.8	89.4	25	27	0	89.6	101.8
154.33333	3423.144	15.9808	10.345529	1146.6	4095	3395	139.8	89.2	25	27	0	89.6	102
154.66666	3333.164	15.9808	10.330315	1146.6	4095	3392	140	89.2	25	27	0	89.6	102
155	3468.134	15.9808	10.321186	1146.6	4095	3397	138.4	89.4	25	27	0	89.6	101.9
155.33333	3270.178	15.9808	10.336400	1146.6	4095	3393	138.2	89.5	25	27	0	89.6	102.1
155.66666	3441.14	16.1272	10.418809	1146.6	4095	3403	140.3	89.2	25	27	0	89.6	102
156	3391.651	15.9808	10.354657	1146.6	4095	3400	138.9	89.2	25	27	0	89.6	102
156.33333	3274.677	15.9808	10.345529	1146.6	4095	3400	138.8	89.2	25	27	0	89.6	102
156.66666	3373.655	15.9808	10.345529	1146.6	4095	3399	139.1	89.4	25	27	0	89.6	102
157	3364.657	15.9808	10.342486	1146.6	4095	3395	139.9	89.4	25	27	0	89.6	102
157.33333	3220.689	15.9808	10.330315	1146.6	4095	3398	140.5	89.4	25	27	0	89.6	102
157.66666	3526.621	15.9808	10.339443	1146.6	4095	3400	137.9	89.4	25	27	0	89.6	102
158	3324.166	16.1272	10.440304	1146.6	4095	3394	140	89.4	25	27	0	89.6	101.9
158.33333	3337.663	15.9808	10.327272	1146.6	4095	3399	139	89.2	25	27	0	89.6	102
158.66666	3306.17	15.9808	10.345529	1146.6	4095	3400	138	89.5	25	27	0	89.6	102
159	3310.669	15.8344	10.250754	1146.6	4095	3393	140.9	89.2	25	27	0	89.6	101.8
159.33333	3207.192	15.8344	10.229649	1146.6	4095	3395	139.2	89.4	25	27	0	89.6	101.9
159.66666	3324.166	15.9808	10.324229	1146.6	4095	3394	140.4	89.2	25	27	0	89.6	101.7
160	3256.681	15.9808	10.327272	1146.6	4095	3392	139.2	89.2	25	27	0	89.6	101.8
160.33333	3283.675	15.8344	10.226634	1146.6	4095	3396	140.6	89.4	25	27	0	89.6	101.9
160.66666	3360.158	15.9808	10.333358	1146.6	4095	3400	140.6	89.4	25	27	0	89.6	101.9
161	3265.679	15.9808	10.345529	1146.6	4095	3402	137.9	89.4	25	27	0	89.6	102.1
161.33333	3315.168	15.9808	10.351614	1146.6	4095	3399	140.4	89.4	25	27	0	89.6	102
161.66666	3346.661	15.9808	10.339443	1146.6	4095	3401	142.1	89.4	25	27	0	89.6	102
162	3315.168	15.9808	10.348572	1146.6	4095	3400	139.9	89.2	25	27	0	89.6	102.1
162.33333	3072.222	15.9808	10.345529	1146.6	4095	3401	140.8	89.5	25	27	0	89.6	102
162.66666	3319.667	15.9808	10.351614	1146.6	4095	3398	139.9	89.2	25	27	0	89.6	102.1
163	3324.166	15.9808	10.339443	1146.6	4095	3400	138.3	89.4	25	27	0	89.6	102
163.33333	3346.661	15.9808	10.345529	1146.6	4095	3401	140.7	89.4	25	27	0	89.6	102
163.66666	3337.663	15.8344	10.253768	1146.6	4095	3398	140.5	89.4	25	27	0	89.6	102.1
164	3166.701	15.5416	10.055285	1146.6	4095	3400	140.3	89.4	25	27	0	89.6	101.9
164.33333	3292.673	15.8344	10.250754	1146.6	4095	3401	139.4	89.2	25	27	0	89.6	102.1

164.66666	3369.156	15.9808	10.348572	1146.6	4095	3401	141.1	89.2	25	27	0	89.6	102
165	3333.164	15.9808	10.348572	1146.6	4095	3400	138.7	89.4	25	27	0	89.6	102
165.33333	3288.174	16.1272	10.440304	1146.6	4095	3402	140.5	89.4	25	27	0	89.6	102.1
165.66666	3400.649	15.688	10.161952	1146.6	4095	3401	140.2	89.4	25	27	0	89.6	102
166	3225.188	15.9808	10.348572	1146.6	4095	3406	139.8	89.4	25	27	0	89.6	102.2
166.33333	3283.675	15.8344	10.268843	1146.6	4095	3401	140.9	89.4	25	27	0	89.6	102
166.66666	3310.669	15.9808	10.348572	1146.6	4095	3399	137.4	89.2	25	27	0	89.6	102.1
167	3306.17	15.688	10.152991	1146.6	4095	3401	137.3	89.2	25	27	0	89.6	102
167.33333	3337.663	15.9808	10.348572	1146.6	4095	3400	141.2	89.1	25	27	0	89.6	102
167.66666	3360.158	15.9808	10.345529	1146.6	4095	3404	138.5	89.4	25	27	0	89.6	102.2
168	3333.164	15.9808	10.357700	1146.6	4095	3407	139.8	89.2	25	27	0	89.6	102.1
168.33333	3342.162	15.9808	10.366828	1146.6	4095	3404	139	89.2	25	27	0	89.6	102.3
168.66666	3315.168	15.8344	10.262813	1146.6	4095	3410	140.1	89.2	25	27	0	89.6	102.3
169	3198.194	15.8344	10.280903	1146.6	4095	3404	139.5	89.4	25	27	0	89.6	102.2
169.33333	3391.651	15.8344	10.262813	1146.6	4095	3407	140.1	89.2	25	27	0	89.6	102.3
169.66666	3333.164	15.9808	10.366828	1146.6	4095	3404	136.4	89.2	25	27	0	89.6	102.1
170	3256.681	15.9808	10.357700	1146.6	4095	3401	141.7	89.2	25	27	0	89.6	102.2
170.33333	3382.653	16.1272	10.443375	1146.6	4095	3407	139.8	89.5	25	27	0	89.6	102.1
170.66666	3378.154	16.1272	10.461799	1146.6	4095	3401	139.5	89.1	25	27	0	89.6	102.2
171	3328.665	15.9808	10.348572	1146.6	4095	3405	141.3	89.4	25	27	0	89.6	102.3
171.33333	3324.166	15.9808	10.360743	1146.6	4095	3405	143	89.4	25	27	0	89.6	102.2
171.66666	3373.655	15.9808	10.360743	1146.6	4095	3406	141	89.4	25	27	0	89.6	102.3
172	3288.174	15.9808	10.363786	1146.6	4095	3410	140.3	89.2	25	27	0	89.6	102.2
172.33333	3324.166	15.9808	10.375957	1146.6	4095	3407	138.8	89.5	25	27	0	89.6	102.3
172.66666	3279.176	15.9808	10.366828	1146.6	4095	3410	139	89.2	25	27	0	89.6	102.3
173	3351.16	16.2736	10.566065	1146.6	4095	3407	139.6	89.4	25	27	0	89.6	102.1
173.33333	3315.168	15.9808	10.366828	1146.6	4095	3404	141.8	89.2	25	27	0	89.6	102.3
173.66666	3342.162	15.9808	10.357700	1146.6	4095	3408	141.1	89.2	25	27	0	89.6	102.2
174	3333.164	15.9808	10.369871	1146.6	4095	3404	139.4	89.2	25	27	0	89.6	102.2
174.33333	3328.665	15.9808	10.357700	1146.6	4095	3404	139.7	89.4	25	27	0	89.6	102.3
174.66666	3337.663	15.9808	10.357700	1146.6	4095	3403	138.7	89.2	25	27	0	89.6	102.1
175	3355.659	15.8344	10.262813	1146.6	4095	3410	140.8	89.2	25	27	0	89.6	102.3
175.33333	3279.176	15.8344	10.280903	1146.6	4095	3410	140	89.5	25	27	0	89.6	102.3
175.66666	3432.142	15.9808	10.375957	1146.6	4095	3411	142	89.2	25	27	0	89.6	102.3
176	3324.166	15.9808	10.379000	1146.6	4095	3413	141	89.2	25	27	0	89.6	102.3
176.33333	3391.651	15.9808	10.385085	1146.6	4095	3405	141.4	89.2	25	27	0	89.6	102.3
176.66666	3328.665	15.9808	10.360743	1146.6	4095	3410	140.8	89.4	25	27	0	89.6	102.3
177	3297.172	15.9808	10.375957	1146.6	4095	3414	140.4	89.5	25	27	0	89.6	102.3

177.33333	3355.659	15.9808	10.388128	1146.6	4095	3414	141.6	89.5	25	27	0	89.6	102.3
177.66666	3328.665	16.1272	10.483294	1146.6	4095	3412	140.5	89.1	25	27	0	89.6	102.4
178	3346.661	16.1272	10.480223	1146.6	4095	3412	140.1	89.4	25	27	0	89.6	102.4
178.33333	3193.695	15.9808	10.382042	1146.6	4095	3410	140.7	89.4	25	28	0	89.6	102.5
178.66666	3391.651	15.9808	10.375957	1146.6	4095	3408	139.3	89.4	25	28	0	89.6	102.2
179	3360.158	15.8344	10.283918	1146.6	4095	3408	141.4	89.4	25	28	0	89.6	102.3
179.33333	3333.164	15.8344	10.274873	1146.6	4095	3408	140.5	89.4	25	28	0	89.6	102.3
179.66666	3324.166	15.9808	10.369871	1146.6	4095	3409	141.3	89.2	25	29	0	89.6	102.2
180	3490.629	15.9808	10.375957	1146.6	4095	3411	139.5	89.4	25	29	0	89.6	102.3
180.33333	3355.659	15.9808	10.379000	1146.6	4095	3410	139.4	89.4	25	29	0	89.6	102.2
180.66666	3310.669	15.8344	10.280903	1146.6	4095	3412	140.9	89.2	25	29	0	89.6	102.3
181	3405.148	15.9808	10.375957	1146.6	4095	3418	139.4	89.2	25	29	0	89.6	102.5
181.33333	3297.172	15.9808	10.400299	1146.6	4095	3412	139.1	89.1	25	29	0	89.6	102.3
181.66666	3405.148	15.9808	10.382042	1146.6	4095	3411	141.7	89.4	25	29	0	89.6	102.4
182	3342.162	15.9808	10.379000	1146.6	4095	3416	138.3	89.4	25	29	0	89.6	102.3
182.33333	3346.661	15.5416	10.108550	1146.6	4095	3409	138.1	89.5	25	29	0	89.6	102.4
182.66666	3369.156	15.9808	10.372914	1146.6	4095	3416	142.7	89.2	25	29	0	89.6	102.5
183	3337.663	15.9808	10.394214	1146.6	4095	3414	140.4	89.2	25	29	0	89.6	102.4
183.33333	3328.665	15.8344	10.292962	1146.6	4095	3417	141.6	89.5	25	29	0	89.6	102.5
183.66666	3400.649	15.8344	10.302007	1146.6	4095	3416	137.9	89.2	26	29	0	89.6	102.4
184	3319.667	15.9808	10.394214	1146.6	4095	3415	138.7	89.4	26	29	0	89.6	102.5
184.33333	3319.667	15.9808	10.391171	1146.6	4095	3418	138.7	89.2	25	29	0	89.6	102.6
184.66666	3355.659	15.9808	10.400299	1146.6	4095	3414	141.6	89.2	26	29	0	89.6	102.4
185	3342.162	16.2736	10.578459	1146.6	4095	3415	138	89.4	26	29	0	89.6	102.5
185.33333	3495.128	15.9808	10.391171	1146.6	4095	3414	140.1	89.2	25	29	0	89.6	102.4
185.66666	3418.645	16.1272	10.483294	1146.6	4095	3415	139.7	89.5	26	29	0	89.6	102.4
186	3346.661	15.9808	10.391171	1146.6	4095	3415	139.5	89.5	26	29	0	89.6	102.5
186.33333	3364.657	15.9808	10.391171	1146.6	4095	3415	143.2	89.5	26	29	0	89.6	102.4
186.66666	3342.162	15.9808	10.391171	1146.6	4095	3419	138.2	89.2	26	29	0	89.6	102.6
187	3315.168	15.9808	10.403342	1146.6	4095	3419	138.6	89.4	26	29	0	89.6	102.5
187.33333	3252.182	15.9808	10.409428	1146.6	4095	3421	138.6	89.4	26	29	0	89	102.4
187.66666	3337.663	15.9808	10.400299	1146.6	4095	3416	139.7	89.2	26	29	0	89.6	102.5
188	3310.669	15.9808	10.394214	1146.6	4095	3416	141.6	89.2	26	29	0	89.6	102.5
188.33333	3351.16	15.9808	10.394214	1146.6	4095	3418	139.6	89.5	26	29	0	89.6	102.4
188.66666	3319.667	15.9808	10.400299	1146.6	4095	3417	139.9	89.2	26	29	0	89.6	102.6
189	3391.651	15.8344	10.302007	1146.6	4095	3414	142.9	89.4	26	29	0	89.6	102.3
189.33333	3279.176	15.9808	10.388128	1146.6	4095	3415	139.4	89.2	26	29	0	89.6	102.4
189.66666	3333.164	15.688	10.200784	1146.6	4095	3416	137.1	89.5	26	29	0	89.6	102.5

190	3351.16	15.9808	10.394214	1146.6	4095	3412	138.7	89.2	26	29	0	89.6	102.4
190.33333	3418.645	16.1272	10.477152	1146.6	4095	3415	142.2	89.2	26	29	0	89.6	102.6
190.66666	3355.659	15.9808	10.391171	1146.6	4095	3415	139.6	89.2	26	29	0	89.6	102.4
191	3324.166	15.9808	10.391171	1146.6	4095	3415	141.2	89.1	26	29	0	89.6	102.5
191.33333	3283.675	15.9808	10.391171	1146.6	4095	3417	138.5	89.4	26	29	0	89.6	102.5
191.66666	3319.667	15.9808	10.397256	1146.6	4095	3413	138.3	89.4	26	29	0	89.6	102.3
192	3405.148	15.9808	10.388128	1146.6	4095	3416	139.4	89.2	26	29	0	89.6	102.5
192.33333	3369.156	15.8344	10.298992	1146.6	4095	3417	141.2	89.4	26	29	0	89.6	102.5
192.66666	3256.681	15.9808	10.397256	1146.6	4095	3415	141.3	89.2	26	29	0	89.6	102.6
193	3256.681	16.1272	10.492506	1146.6	4095	3419	137.4	89.2	26	29	0	89.6	102.6
193.33333	3274.677	15.9808	10.403342	1146.6	4095	3416	137.5	89.5	26	29	0	89.6	102.5
193.66666	3319.667	16.1272	10.489435	1146.6	4095	3421	138	89.5	26	29	0	89.6	102.6
194	3319.667	16.1272	10.489435	1146.6	4095	3415	138.8	89.5	26	29	0	89.6	102.6
194.33333	3337.663	15.9808	10.391171	1146.6	4095	3420	142.3	89.4	26	29	0	89.6	102.7
194.66666	3400.649	16.1272	10.501718	1146.6	4095	3420	138.2	89.1	26	29	0	89.6	102.5
195	3396.15	15.9808	10.406385	1146.6	4095	3418	140.9	89.1	26	29	0	89.6	102.5
195.33333	3364.657	15.9808	10.400299	1146.6	4095	3418	140.3	89.5	26	29	0	89.6	102.7
195.66666	3355.659	15.9808	10.400299	1146.6	4095	3418	140.3	89.2	26	29	0	89.6	102.5
196	3274.677	15.9808	10.400299	1146.6	4095	3419	139.9	89.2	26	29	0	89.6	102.7
196.33333	3301.671	15.8344	10.308037	1146.6	4095	3418	138.2	89.2	26	29	0	89.6	102.5
196.66666	3247.683	15.9808	10.400299	1146.6	4095	3418	138.8	89.2	26	29	0	89.6	102.7
197	3202.693	15.9808	10.400299	1146.6	4095	3418	137.8	89.2	26	29	0	89.6	102.7
197.33333	3364.657	16.1272	10.495576	1146.6	4095	3417	136.8	89.2	26	29	0	89.6	102.5
197.66666	3252.182	16.1272	10.492506	1146.6	4095	3418	139.5	89.2	26	29	0	89.6	102.7
198	3400.649	15.9808	10.400299	1146.6	4095	3417	139.1	89.4	26	29	0	89.6	102.4
198.33333	3310.669	15.9808	10.397256	1146.6	4095	3418	139.3	89.4	26	29	0	89.6	102.5
198.66666	3319.667	15.9808	10.400299	1146.6	4095	3419	140.3	89.2	26	29	0	89.6	102.7
199	3436.641	15.8344	10.308037	1146.6	4095	3413	140.7	89.2	26	29	0	89.6	102.4
199.33333	3301.671	15.9808	10.394214	1146.6	4095	3417	140	89.2	26	29	0	89.6	102.6
199.66666	3387.152	15.9808	10.397256	1146.6	4095	3417	140	89.2	26	29	0	89.6	102.5
200	3337.663	15.9808	10.397256	1146.6	4095	3418	138.8	89.2	26	29	0	89.6	102.5
200.33333	3261.18	15.688	10.206758	1146.6	4095	3416	143	89.1	26	29	0	89.6	102.6
200.66666	3436.641	15.9808	10.394214	1146.6	4095	3415	139	89.2	26	29	0	89.6	102.5
201	3306.17	15.9808	10.403342	1146.6	4095	3419	138.5	89.4	26	29	0	89.6	102.5
201.33333	3225.188	15.9808	10.403342	1146.6	4095	3421	138.1	89.2	26	29	0	89.6	102.7
201.66666	3310.669	15.9808	10.406385	1146.6	4095	3417	139.1	89.2	26	29	0	89.6	102.5
202	3328.665	15.9808	10.397256	1146.6	4095	3419	138.4	89.4	26	29	0	89.6	102.6
202.33333	3328.665	15.9808	10.403342	1146.6	4095	3416	138.8	89.2	26	29	0	89.6	102.7

202.66666	3288.174	15.9808	10.388128	1146.6	4095	3418	142.2	89.2	26	29	0	89.6	102.5
203	3418.645	15.8344	10.305022	1146.6	4095	3421	140.8	89.2	26	29	0	89.6	102.7
203.33333	3391.651	15.9808	10.409428	1146.6	4095	3420	142.3	89.4	26	29	0	89.6	102.6
203.66666	3342.162	15.9808	10.412470	1146.6	4095	3421	142.8	89.4	26	29	0	89.6	102.6
204	3342.162	15.9808	10.409428	1146.6	4095	3421	139.2	89.2	26	29	0	89.6	102.7
204.33333	3337.663	15.8344	10.314067	1146.6	4095	3419	140.1	89.1	26	29	0	89.6	102.6
204.66666	3324.166	15.8344	10.314067	1146.6	4095	3421	140.4	89.4	26	29	0	89.6	102.7
205	3301.671	15.9808	10.409428	1146.6	4095	3421	140.4	89.2	26	29	0	89.6	102.7
205.33333	3427.643	15.688	10.218706	1146.6	4095	3418	139.5	89.4	26	29	0	89.6	102.5
205.66666	3328.665	16.2736	10.581558	1146.6	4095	3419	139.8	89.4	26	29	0	89.6	102.6
206	3337.663	16.1272	10.498647	1146.6	4095	3421	139.6	89.2	26	29	0	89.6	102.6
206.33333	3324.166	15.9808	10.409428	1146.6	4095	3420	139.9	89.4	26	29	0	89.6	102.7
206.66666	3247.683	16.2736	10.590853	1146.6	4095	3422	139.4	89.5	26	29	0	89.6	102.6
207	3315.168	16.1272	10.507859	1146.6	4095	3418	140.4	89.2	26	29	0	89.6	102.6
207.33333	3301.671	15.9808	10.400299	1146.6	4095	3419	139.3	89.4	26	29	0	89.6	102.7
207.66666	3297.172	15.9808	10.403342	1146.6	4095	3420	138.3	89.4	26	29	0	89.6	102.5
208	3247.683	16.1272	10.501718	1146.6	4095	3420	138.5	89.2	26	29	0	89.6	102.7
208.33333	3337.663	15.9808	10.406385	1146.6	4095	3422	137.5	89.4	26	29	0	89.6	102.7
208.66666	3355.659	15.9808	10.412470	1146.6	4095	3417	139.4	89.2	26	29	0	89.6	102.7
209	3301.671	15.9808	10.394214	1146.6	4095	3422	138.5	89.4	26	30	0	89.6	102.7
209.33333	3229.687	16.1272	10.507859	1146.6	4095	3417	138.1	89.2	26	30	0	89.6	102.5
209.66666	3252.182	15.9808	10.397256	1146.6	4095	3419	138.7	89.5	26	30	0	89.6	102.7
210	3346.661	15.9808	10.397256	1146.6	4095	3422	139.7	89.4	26	31	0	89.6	102.5
210.33333	3459.136	15.9808	10.412470	1146.6	4095	3417	138.2	89.4	26	31	0	89.6	102.6
210.66666	3364.657	16.1272	10.492506	1146.6	4095	3422	138.6	89.4	26	31	0	89.6	102.6
211	3346.661	15.9808	10.403342	1146.6	4095	3420	138.9	89.4	26	31	0	89.6	102.5
211.33333	3436.641	15.9808	10.406385	1146.6	4095	3419	138.9	89.4	26	31	0	89.6	102.7
211.66666	3459.136	15.9808	10.403342	1146.6	4095	3422	138.1	89.2	26	31	0	89.6	102.6
212	3351.16	16.1272	10.507859	1146.6	4095	3418	139	89.4	26	31	0	89.6	102.6
212.33333	3301.671	15.9808	10.400299	1146.6	4095	3423	140	89.2	26	31	0	89.6	102.7
212.66666	3337.663	16.1272	10.510930	1146.6	4095	3422	140.6	89.4	26	31	0	89.6	102.7
213	3432.142	15.9808	10.409428	1146.6	4095	3420	141.6	89.4	26	31	0	89.6	102.7
213.33333	3342.162	15.8344	10.311052	1146.6	4095	3420	140.5	89.4	26	31	0	89.6	102.6
213.66666	3351.16	16.1272	10.501718	1146.6	4095	3416	141.4	89.2	26	31	0	89.6	102.5
214	3369.156	15.9808	10.394214	1146.6	4095	3419	140.3	89.4	26	31	0	89.6	102.6
214.33333	3477.132	15.9808	10.403342	1146.6	4095	3420	140.3	89.2	26	31	0	89.6	102.5
214.66666	3378.154	16.1272	10.501718	1146.6	4095	3419	139.1	89.2	26	31	0	89.6	102.5
215	3193.695	15.9808	10.403342	1146.6	4095	3418	142.8	89.4	26	31	0	89.6	102.7

215.33333	3360.158	15.9808	10.400299	1146.6	4095	3419	140.9	89.2	26	31	0	89.6	102.4
215.66666	3324.166	15.9808	10.403342	1146.6	4095	3418	142.2	89.5	26	31	0	89.6	102.6
216	3355.659	15.9808	10.400299	1146.6	4095	3423	140.2	89.2	26	31	0	89.6	102.5
216.33333	3346.661	16.2736	10.606346	1146.6	4095	3421	142.3	89.2	26	31	0	89.6	102.6
216.66666	3328.665	15.9808	10.409428	1146.6	4095	3420	138	89.4	26	31	0	89.6	102.7
217	3445.639	15.9808	10.406385	1146.6	4095	3418	139.6	89.2	26	31	0	89.6	102.4
217.33333	3333.164	15.9808	10.400299	1146.6	4095	3418	138.4	89.4	26	31	0	89.6	102.5
217.66666	3315.168	15.9808	10.400299	1146.6	4095	3421	139.9	89.2	26	31	0	89.6	102.6
218	3297.172	15.9808	10.409428	1146.6	4095	3417	138.5	89.4	26	31	0	89.6	102.5
218.33333	3328.665	15.9808	10.397256	1146.6	4095	3420	136.8	89.2	26	31	0	89.6	102.7
218.66666	3229.687	16.1272	10.501718	1146.6	4095	3423	137.9	89.4	26	31	0	89.6	102.6
219	3387.152	16.1272	10.510930	1146.6	4095	3419	138.8	89.5	26	31	0	89.6	102.5
219.33333	3400.649	15.9808	10.397256	1146.6	4095	3424	141.2	89.4	26	31	0	89.6	102.7
219.66666	3301.671	15.9808	10.418556	1146.6	4095	3420	141.9	89.4	26	31	0	89.6	102.5
220	3351.16	15.9808	10.406385	1146.6	4095	3420	139	89.5	26	31	0	89.6	102.6
220.33333	3355.659	15.9808	10.409428	1146.6	4095	3423	139.5	89.4	26	31	0	89.6	102.5
220.66666	3306.17	15.9808	10.415513	1146.6	4095	3419	140.3	89.4	26	31	0	89.6	102.6
221	3342.162	15.9808	10.403342	1146.6	4095	3420	141	89.5	26	31	0	89.6	102.7
221.33333	3342.162	15.9808	10.406385	1146.6	4095	3421	140.8	89.4	26	31	0	89.6	102.5
221.66666	3333.164	15.9808	10.409428	1146.6	4095	3420	140	89.4	26	31	0	89.6	102.7
222	3180.198	16.1272	10.501718	1146.6	4095	3422	139.8	89.4	26	31	0	89.6	102.6
222.33333	3463.635	15.9808	10.412470	1146.6	4095	3420	136.9	89.4	26	31	0	89.6	102.7
222.66666	3319.667	15.9808	10.406385	1146.6	4095	3421	139.1	89.4	26	31	0	89.6	102.7
223	3333.164	15.9808	10.409428	1146.6	4095	3421	141.8	89.5	26	31	0	89.6	102.5
223.33333	3414.146	15.8344	10.314067	1146.6	4095	3418	138.6	89.2	26	31	0	89.6	102.7
223.66666	3328.665	15.9808	10.400299	1146.6	4095	3423	139.6	89.4	26	31	0	89.6	102.7
224	3463.635	16.1272	10.510930	1146.6	4095	3419	139.5	89.2	26	31	0	89.6	102.6
224.33333	3391.651	15.8344	10.308037	1146.6	4095	3423	140.8	89.2	26	31	0	89.6	102.7
224.66666	3373.655	15.9808	10.415513	1146.6	4095	3423	137	89.2	26	31	0	89.6	102.7
225	3292.673	15.9808	10.415513	1146.6	4095	3423	138.9	89.2	26	31	0	89.6	102.7
225.33333	3495.128	15.9808	10.415513	1146.6	4095	3424	138.9	89.2	26	31	0	89.6	102.7
225.66666	3324.166	15.9808	10.418556	1146.6	4095	3425	138.7	89.2	26	31	0	89.6	102.7
226	3391.651	15.9808	10.421599	1146.6	4095	3425	141.1	89.2	26	31	0	89.6	102.7
226.33333	3342.162	16.1272	10.517071	1146.6	4095	3426	139	89.4	26	31	0	89.6	102.7
226.66666	3315.168	15.9808	10.424642	1146.6	4095	3423	141.1	89.4	26	31	0	89.6	102.7
227	3162.202	15.9808	10.415513	1146.6	4095	3424	140	89.2	26	31	0	89.6	102.7
227.33333	3337.663	15.9808	10.418556	1146.6	4095	3420	136.9	89.1	26	31	0	89.6	102.6
227.66666	3234.186	15.9808	10.409428	1146.6	4095	3422	138.8	89.5	26	31	0	89.6	102.7

228	3324.166	15.9808	10.412470	1146.6	4095	3423	141.1	89.2	26	31	0	89.6	102.7
228.33333	3355.659	15.9808	10.415513	1146.6	4095	3419	135.5	89.4	26	31	0	89.6	102.6
228.66666	3288.174	15.8344	10.323112	1146.6	4095	3424	137.2	89.4	26	31	0	89.6	102.7
229	3427.643	16.1272	10.514000	1146.6	4095	3423	140.1	89.4	26	31	0	89.6	102.6
229.33333	3252.182	15.9808	10.415513	1146.6	4095	3425	141	89.5	26	31	0	89.6	102.7
229.66666	3252.182	15.9808	10.409428	1146.6	4095	3427	140.7	89.5	26	31	0	89.6	102.7
230	3337.663	15.9808	10.427685	1146.6	4095	3423	139.7	89.5	26	31	0	89.6	102.5
230.33333	3279.176	15.9808	10.415513	1146.6	4095	3424	140.5	89.4	26	31	0	89.6	102.7
230.66666	3427.643	15.9808	10.409428	1146.6	4095	3427	137.5	89.2	26	31	0	89.6	102.7
231	3337.663	15.9808	10.427685	1146.6	4095	3426	138.1	89.2	26	31	0	89.6	102.7
231.33333	3301.671	15.9808	10.424642	1146.6	4095	3423	141.3	89.2	26	31	0	89.6	102.8
231.66666	3211.691	15.9808	10.415513	1146.6	4095	3424	137.5	89.2	26	31	0	89.6	102.7
232	3328.665	15.9808	10.418556	1146.6	4095	3427	139.7	89.2	26	31	0	89.6	102.7
232.33333	3346.661	15.9808	10.427685	1146.6	4095	3426	140.5	89.4	26	31	0	89.6	102.9
232.66666	3355.659	15.9808	10.424642	1146.6	4095	3424	138.1	89.4	26	31	0	89.6	102.7
233	3342.162	15.9808	10.427685	1146.6	4095	3425	140.9	89.4	26	31	0	89.6	102.8
233.33333	3427.643	16.1272	10.517071	1146.6	4095	3425	138.5	89.2	26	31	0	89.6	102.6
233.66666	3333.164	15.9808	10.421599	1146.6	4095	3423	142.1	89.4	26	31	0	89.6	102.7
234	3346.661	16.2736	10.606346	1146.6	4095	3425	138.2	89.2	26	31	0	89.6	102.8
234.33333	3211.691	16.1272	10.520142	1146.6	4095	3424	139.8	89.4	26	31	0	89.6	102.7
234.66666	3319.667	15.9808	10.418556	1146.6	4095	3427	139.7	89.4	26	31	0	89.6	102.7
235	3310.669	15.9808	10.415513	1146.6	4095	3425	138.7	89.4	26	31	0	89.6	102.7
235.33333	3369.156	16.1272	10.517071	1146.6	4095	3423	137.4	89.2	26	31	0	89.6	102.7
235.66666	3324.166	16.1272	10.510930	1146.6	4095	3427	139	89.2	26	31	0	89.6	102.9
236	3310.669	15.9808	10.421599	1146.6	4095	3425	138.5	89.2	26	31	0	89.6	102.9
236.33333	3324.166	16.2736	10.612543	1146.6	4095	3431	139.9	89.2	26	31	0	89.6	102.8
236.66666	3364.657	15.9808	10.439856	1146.6	4095	3429	138.8	89.2	26	31	0	89.6	103
237	3256.681	16.42	10.720521	1146.6	4095	3426	142.6	89.4	26	31	0	89.6	102.8
237.33333	3261.18	15.9808	10.424642	1146.6	4095	3428	138.6	89.4	26	31	0	89.6	102.8
237.66666	3432.142	15.9808	10.430727	1146.6	4095	3425	139.4	89.4	26	31	0	89.6	102.8
238	3409.647	15.9808	10.421599	1146.6	4095	3423	141.6	89.4	26	31	0	89.6	102.7
238.33333	3355.659	16.1272	10.510930	1146.6	4095	3425	137.3	89.2	26	31	0	89.6	102.8
238.66666	3333.164	15.9808	10.421599	1146.6	4095	3427	139.8	89.4	26	31	0	89.6	102.7
239	3351.16	15.9808	10.427685	1146.6	4095	3424	138.9	89.4	26	31	0	89.6	102.7
239.33333	3373.655	15.9808	10.418556	1146.6	4095	3428	137.6	89.4	26	31	0	89.6	102.9
239.66666	3360.158	15.9808	10.430727	1146.6	4095	3429	136.3	89.2	26	31	0	89.6	102.8
240	3292.673	16.2736	10.624938	1146.6	4095	3427	138.6	89.4	26	31	0	89.6	102.9
240.33333	3265.679	15.9808	10.427685	1146.6	4095	3430	138.4	89.2	26	31	0	89.6	103

240.66666	3292.673	15.9808	10.436813	1146.6	4095	3427	139.5	89.2	26	32	0	89.6	102.8
241	3333.164	15.9808	10.427685	1146.6	4095	3428	141.1	89.4	26	32	0	89.6	103
241.33333	3243.184	15.9808	10.430727	1146.6	4095	3432	139.1	89.2	26	32	0	89.6	102.8
241.66666	3391.651	15.9808	10.442899	1146.6	4095	3427	138.8	89.2	26	32	0	89.6	103
242	3391.651	15.9808	10.427685	1146.6	4095	3430	139.9	89.4	26	32	0	89.6	103
242.33333	3391.651	15.9808	10.436813	1146.6	4095	3429	138.2	89.2	26	32	0	89.6	102.9
242.66666	3333.164	15.8344	10.347231	1146.6	4095	3432	139.8	89.4	26	33	0	89.6	103.1
243	3328.665	15.9808	10.442899	1146.6	4095	3433	141.1	89.2	26	33	0	89.6	103
243.33333	3337.663	15.9808	10.445941	1146.6	4095	3431	140.1	89.4	26	33	0	89.6	103
243.66666	3445.639	15.9808	10.439856	1146.6	4095	3431	138.6	89.4	26	33	0	89.6	103.1
244	3351.16	16.1272	10.535495	1146.6	4095	3431	140.9	89.4	26	33	0	89.6	102.9
244.33333	3351.16	15.8344	10.344216	1146.6	4095	3430	138.8	89.5	26	33	0	89.6	102.9
244.66666	3324.166	16.2736	10.628036	1146.6	4095	3430	138.8	89.5	26	33	0	89	103.1
245	3391.651	15.9808	10.436813	1146.6	4095	3431	139.6	89.2	26	33	0	89.6	103
245.33333	3423.144	15.9808	10.439856	1146.6	4095	3434	141.4	89.4	26	33	0	89.6	103
245.66666	3247.683	15.9808	10.448984	1146.6	4095	3431	141.4	89.2	26	33	0	89.6	103
246	3351.16	16.1272	10.535495	1146.6	4095	3430	139.1	89.4	26	33	0	89.6	103
246.33333	3324.166	15.9808	10.436813	1146.6	4095	3436	136.8	89.4	26	33	0	89.6	103
246.66666	3364.657	15.9808	10.455070	1146.6	4095	3431	139.5	89.2	26	33	0	89.6	102.9
247	3504.126	16.1272	10.535495	1146.6	4095	3428	140.9	89.4	26	33	0	89.6	102.9
247.33333	3355.659	15.9808	10.430727	1146.6	4095	3433	139.4	89.4	26	33	0	89.6	103
247.66666	3360.158	15.9808	10.445941	1146.6	4095	3433	141.1	89.2	26	33	0	89.6	103
248	3481.631	15.9808	10.445941	1146.6	4095	3433	140.6	89.2	26	33	0	89.6	103
248.33333	3333.164	16.1272	10.541637	1146.6	4095	3431	140.3	89.4	26	33	0	89.6	103
248.66666	3211.691	15.9808	10.439856	1146.6	4095	3429	140.9	89.2	26	33	0	89.6	103
249	3508.625	15.9808	10.433770	1146.6	4095	3437	141.6	89.4	26	33	0	89.6	103.2
249.33333	3495.128	15.9808	10.448984	1146.6	4095	3430	137.3	89.4	26	33	0	89.6	102.8
249.66666	3360.158	16.2736	10.628036	1146.6	4095	3430	140.4	89.5	26	33	0	89.6	103
250	3279.176	15.9808	10.436813	1146.6	4095	3433	138	89.4	26	33	0	89.6	103
250.33333	3360.158	15.9808	10.442899	1146.6	4095	3427	139.4	89.4	26	33	0	89.6	103
250.66666	3315.168	15.9808	10.427685	1146.6	4095	3430	138.4	89.2	26	33	0	89.6	103
251	3432.142	15.9808	10.436813	1146.6	4095	3431	139.2	89.4	26	33	0	89.6	102.9
251.33333	3351.16	15.9808	10.442899	1146.6	4095	3430	138.6	89.2	26	33	0	89.6	103
251.66666	3337.663	15.9808	10.436813	1146.6	4095	3431	140	89.2	26	33	0	89.6	103.1
252	3180.198	16.1272	10.535495	1146.6	4095	3427	136.4	89.4	26	33	0	89.6	102.8
252.33333	3306.17	15.9808	10.427685	1146.6	4095	3432	139.4	89.5	26	33	0	89.6	103
252.66666	3409.647	15.9808	10.442899	1146.6	4095	3435	137.5	89.4	26	33	0	89.6	103
253	3382.653	16.1272	10.547778	1146.6	4095	3428	139.4	89.2	26	33	0	89.6	102.9

253.33333	3409.647	15.8344	10.335171	1146.6	4095	3431	138.3	89.4	26	33	0	89.6	103
253.66666	3310.669	15.9808	10.439856	1146.6	4095	3431	137.5	89.4	26	33	0	89.6	102.9
254	3373.655	15.9808	10.439856	1146.6	4095	3430	140.7	89.2	26	33	0	89.6	103
254.33333	3477.132	15.9808	10.436813	1146.6	4095	3435	138.8	89.2	26	33	0	89.6	103
254.66666	3360.158	16.1272	10.547778	1146.6	4095	3435	139.8	89.4	27	33	0	89.6	103.3
255	3423.144	16.1272	10.547778	1146.6	4095	3429	138.8	89.4	27	33	0	89.6	103
255.33333	3391.651	15.9808	10.433770	1146.6	4095	3435	140.2	89.2	27	33	0	89.6	102.9
255.66666	3396.15	16.2736	10.643529	1146.6	4095	3430	141.1	89.4	27	33	0	89.6	103
256	3189.196	15.9808	10.436813	1146.6	4095	3436	138.4	89.4	27	33	0	89.6	103
256.33333	3337.663	15.9808	10.455070	1146.6	4095	3437	139.7	89.2	27	33	0	89.6	103.2
256.66666	3247.683	15.9808	10.448984	1146.6	4095	3431	139.7	89.4	27	33	0	89.6	103
257	3531.12	16.1272	10.535495	1146.6	4095	3434	140.8	89.2	27	33	0	89.6	103
257.33333	3373.655	15.9808	10.448984	1146.6	4095	3436	140.8	89.4	27	33	0	89.6	103.1
257.66666	3445.639	15.9808	10.452027	1146.6	4095	3435	139.8	89.2	27	33	0	89.6	103.2
258	3328.665	16.1272	10.547778	1146.6	4095	3434	138	89.2	27	33	0	89.6	103
258.33333	3360.158	15.9808	10.448984	1146.6	4095	3434	141.2	89.2	27	33	0	89.6	103.1
258.66666	3351.16	16.1272	10.550849	1146.6	4095	3435	139.5	89.2	27	33	0	89.6	103.1
259	3301.671	15.9808	10.452027	1146.6	4095	3429	139.8	89.2	27	33	0	89.6	103
259.33333	3301.671	15.9808	10.452027	1146.6	4095	3431	139.2	89.4	27	33	0	89.6	103
259.66666	3378.154	15.9808	10.439856	1146.6	4095	3430	141.1	89.2	27	33	0	89.6	103
260	3360.158	15.9808	10.436813	1146.6	4095	3432	140.2	89.4	27	33	0	89.6	103.1
260.33333	3351.16	15.9808	10.442899	1146.6	4095	3428	140.3	89.4	27	33	0	89.6	103
260.66666	3382.653	15.9808	10.439856	1146.6	4095	3431	138.3	89.4	27	33	0	89.6	103
261	3432.142	16.1272	10.526283	1146.6	4095	3433	140.9	89.2	27	33	0	89.6	102.9
261.33333	3355.659	15.9808	10.445941	1146.6	4095	3429	141.2	89.4	27	33	0	89.6	103
261.66666	3310.669	16.1272	10.529354	1146.6	4095	3437	138.9	89.4	27	33	0	89.6	103.4
262	3373.655	16.1272	10.566202	1146.6	4095	3443	139.6	89.4	27	33	0	89.6	103.3
262.33333	3360.158	15.9808	10.476369	1146.6	4095	3447	140.1	89.2	27	33	0	89.6	103.4
262.66666	3616.601	16.1272	10.584626	1146.6	4095	3445	138.1	89.4	27	33	0	89.6	103.3
263	3360.158	15.9808	10.482455	1146.6	4095	3446	138.9	89.2	27	33	0	89.6	103.4
263.33333	3364.657	15.8344	10.389440	1146.6	4095	3443	140.2	89.4	27	33	0	89.6	103.3
263.66666	3373.655	15.9808	10.476369	1146.6	4095	3441	138.9	89.2	27	33	0	89.6	103.3
264	3306.17	16.2736	10.662120	1146.6	4095	3443	138.9	89.2	27	33	0	89.6	103.3
264.33333	3342.162	16.1272	10.572343	1146.6	4095	3439	141.1	89.2	27	33	0	89.6	103.3
264.66666	3391.651	15.9808	10.464198	1146.6	4095	3441	140.8	89.2	27	33	0	89.6	103.3
265	3364.657	16.1272	10.566202	1146.6	4095	3441	138.6	89.1	27	33	0	89.6	103.3
265.33333	3328.665	16.1272	10.566202	1146.6	4095	3442	138.3	89.2	27	33	0	89.6	103.3
265.66666	3360.158	15.9808	10.473327	1146.6	4095	3443	140.7	89.4	27	33	0	89.6	103.3

266	3427.643	15.9808	10.476369	1146.6	4095	3439	141.5	89.2	27	33	0	89.6	103.1
266.33333	3441.14	15.9808	10.464198	1146.6	4095	3436	139	89.2	27	33	0	89.6	103.3
266.66666	3445.639	15.9808	10.455070	1146.6	4095	3438	138.3	89.4	27	33	0	89.6	103.3
267	3351.16	16.1272	10.556990	1146.6	4095	3439	139.8	89.4	27	33	0	89.6	103.3
267.33333	3391.651	16.1272	10.560061	1146.6	4095	3437	139.3	89.2	27	33	0	89.6	103.3
267.66666	3315.168	15.9808	10.458113	1146.6	4095	3440	140.1	89.4	27	33	0	89.6	103.3
268	3391.651	15.9808	10.467241	1146.6	4095	3435	137.4	89.2	27	33	0	89.6	103.3
268.33333	3387.152	16.1272	10.547778	1146.6	4095	3439	140.7	89.4	27	33	0	89.6	103.4
268.66666	3378.154	15.9808	10.464198	1146.6	4095	3438	139.9	89.4	27	33	0	89.6	103.2
269	3211.691	16.1272	10.556990	1146.6	4095	3440	139.5	89.4	27	33	0	89.6	103.3
269.33333	3211.691	16.1272	10.556990	1146.6	4095	3434	138.8	89.5	27	33	0	89.6	103.3
269.66666	3328.665	15.9808	10.448984	1146.6	4095	3437	138.1	89.1	27	33	0	89.6	103.1
270	3328.665	16.1272	10.448984	1146.6	4095	3436	139.5	89.4	27	33	0	89.6	103.1
270.33333	3342.162	16.2736	10.646627	1146.6	4095	3440	138.4	89.4	27	33	0	89.6	103.4
270.66666	3436.641	15.9808	10.467241	1146.6	4095	3442	139.2	89.4	27	33	0	89.6	103.1
271	3229.687	16.1272	10.569273	1146.6	4095	3438	139.7	89.2	27	33	0	89.6	103.2
271.33333	3328.665	16.1272	10.556990	1146.6	4095	3437	139	89.4	27	33	0	89.6	103.2
271.66666	3351.16	15.9808	10.445941	1146.6	4095	3437	137.7	89.2	27	33	0	89.6	103
272	3360.158	15.9808	10.458113	1146.6	4095	3440	138	89.2	27	33	0	89.6	103.3
272.33333	3297.172	15.9808	10.467241	1146.6	4095	3435	139.2	89.4	27	33	0	89.6	103.1
272.66666	3387.152	15.9808	10.452027	1146.6	4095	3438	137.6	89.2	27	33	0	89.6	103.3
273	3288.174	16.1272	10.556990	1146.6	4095	3436	139.6	89.4	27	33	0	89.6	103.3
273.33333	3360.158	16.1272	10.550849	1146.6	4095	3436	139.1	89.4	27	33	0	89.6	103.3
273.66666	3472.633	16.1272	10.550849	1146.6	4095	3444	139.2	89.4	27	33	0	89.6	103.4
274	3351.16	16.1272	10.575414	1146.6	4095	3444	141	89.2	27	34	0	89.6	103.3
274.33333	3364.657	15.9808	10.479412	1146.6	4095	3439	139.1	89.2	27	34	0	89.6	103.1
274.66666	3472.633	16.1272	10.560061	1146.6	4095	3438	141.2	89.1	27	34	0	89.6	103.5
275	3405.148	16.1272	10.556990	1146.6	4095	3437	141	89.4	27	34	0	89.6	103.2
275.33333	3301.671	16.1272	10.553919	1146.6	4095	3436	139.9	89.2	27	34	0	89.6	103
275.66666	3333.164	15.9808	10.455070	1146.6	4095	3440	138	89.2	27	34	0	89.6	103
276	3279.176	15.9808	10.467241	1146.6	4095	3437	140.6	89.4	27	35	0	89.6	103.3
276.33333	3328.665	16.1272	10.553919	1146.6	4095	3435	140.2	89.4	27	35	0	89.6	103.3
276.66666	3477.132	16.1272	10.547778	1146.6	4095	3443	139.6	89.2	27	35	0	89.6	103.3
277	3364.657	16.1272	10.572343	1146.6	4095	3439	139.6	89.2	27	35	0	89.6	103.4
277.33333	3225.188	16.2736	10.655923	1146.6	4095	3439	138.4	89.2	27	35	0	89.6	103.3
277.66666	3364.657	15.9808	10.464198	1146.6	4095	3435	139.5	89.2	27	35	0	89.6	103
278	3369.156	16.1272	10.563131	1146.6	4095	3436	140.2	89.4	27	35	0	89.6	103.3
278.33333	3423.144	15.9808	10.455070	1146.6	4095	3438	139.6	89.2	27	35	0	89.6	103.2

278.66666	3378.154	16.1272	10.556990	1146.6	4095	3440	139.7	89.2	27	35	0	89.6	103.3
279	3391.651	16.1272	10.563131	1146.6	4095	3437	140.6	89.2	27	35	0	89.6	103.3
279.33333	3337.663	16.1272	10.553919	1146.6	4095	3437	141.8	89.4	27	35	0	89.6	103
279.66666	3342.162	16.42	10.745533	1146.6	4095	3436	138.2	89.2	27	36	0	89.6	103.3
280	3342.162	16.1272	10.550849	1146.6	4095	3434	139.3	89.4	27	36	0	89.6	103.2
280.33333	3373.655	15.9808	10.448984	1146.6	4095	3435	140	89.2	27	36	0	89.6	102.9
280.66666	3369.156	15.9808	10.452027	1146.6	4095	3436	139.7	89.2	27	36	0	89.6	103.2
281	3355.659	15.9808	10.458113	1146.6	4095	3440	139.1	89.4	27	36	0	89.6	103.4
281.33333	3391.651	15.9808	10.467241	1146.6	4095	3436	140.7	89.4	27	36	0	89.6	103.2
281.66666	3346.661	15.9808	10.455070	1146.6	4095	3435	141	89.4	27	36	0	89.6	103
282	3319.667	16.1272	10.547778	1146.6	4095	3436	138.3	89.4	27	36	0	89.6	103
282.33333	3360.158	16.1272	10.550849	1146.6	4095	3431	139.2	89.2	27	36	0	89.6	103
282.66666	3513.124	15.9808	10.439856	1146.6	4095	3433	139.5	89.2	27	36	0	89.6	102.9
283	3418.645	16.1272	10.541637	1146.6	4095	3428	137.7	89.2	27	36	0	89.6	103
283.33333	3396.15	15.9808	10.430727	1146.6	4095	3426	137.5	89.4	27	36	0	89.6	103
283.66666	3234.186	15.9808	10.424642	1146.6	4095	3431	139.3	89.2	27	36	0	89.6	103
284	3337.663	16.1272	10.535495	1146.6	4095	3438	139.8	89.4	27	36	0	89.6	103
284.33333	3315.168	15.9808	10.461155	1146.6	4095	3444	141.5	89.2	27	36	0	89.6	103.4
284.66666	3234.186	15.9808	10.479412	1146.6	4095	3440	139	89.5	27	36	0	89.6	103.2
285	3423.144	15.9808	10.467241	1146.6	4095	3443	136.4	89.4	27	36	0	89.6	103.3
285.33333	3387.152	15.9808	10.470284	1146.6	4095	3443	138.9	89.4	27	36	0	89.6	103.3
285.66666	3319.667	15.9808	10.476369	1146.6	4095	3438	139.9	89.2	27	36	0	89.6	103.3
286	3315.168	15.9808	10.461155	1146.6	4095	3440	137.7	89.4	27	36	0	89.6	103.4
286.33333	3342.162	15.9808	10.467241	1146.6	4095	3444	140.6	89.4	27	36	0	89.6	103.3
286.66666	3387.152	15.9808	10.479412	1146.6	4095	3437	136.9	89.4	27	36	0	89.6	103.3
287	3414.146	15.9808	10.458113	1146.6	4095	3441	141.2	89.2	27	36	0	89.6	103.3
287.33333	3454.637	15.9808	10.470284	1146.6	4095	3442	140.2	89.4	27	36	0	89.6	103.1
287.66666	3382.653	15.9808	10.473327	1146.6	4095	3442	140	89.4	27	36	0	89.6	103.4
288	3387.152	15.9808	10.473327	1146.6	4095	3445	140.9	89.1	27	36	0	89.6	103.5
288.33333	3382.653	15.9808	10.482455	1146.6	4095	3445	142	89.2	27	36	0	89.6	103.3
288.66666	3373.655	15.9808	10.482455	1146.6	4095	3445	140.5	89.4	27	36	0	89.6	103.3
289	3225.188	15.9808	10.482455	1146.6	4095	3449	137	89.4	27	36	0	89.6	103.2
289.33333	3301.671	16.1272	10.590767	1146.6	4095	3448	140.2	89.2	27	36	0	89.6	103.3
289.66666	3396.15	15.688	10.299357	1146.6	4095	3445	140.1	89.4	27	36	0	89.6	103.4
290	3373.655	15.9808	10.482455	1146.6	4095	3444	139.7	89.2	27	36	0	89.6	103.3
290.33333	3364.657	16.1272	10.575414	1146.6	4095	3449	138.9	89.4	27	36	0	89.6	103.6
290.66666	3405.148	16.2736	10.686909	1146.6	4095	3450	139.5	89.4	27	36	0	89.6	103.6
291	3396.15	15.9808	10.497669	1146.6	4095	3447	139.6	89.2	27	36	0	89.6	103.4

291.33333	3342.162	15.9808	10.488541	1146.6	4095	3446	139.1	89.4	27	36	0	89.6	103.5
291.66666	3297.172	16.1272	10.581555	1146.6	4095	3448	137.4	89.2	27	36	0	89.6	103.3
292	3373.655	16.1272	10.587697	1146.6	4095	3448	138.5	89.2	27	36	0	89.6	103.5
292.33333	3360.158	15.9808	10.491583	1146.6	4095	3449	140.8	89.4	27	36	0	89.6	103.5
292.66666	3256.681	16.1272	10.590767	1146.6	4095	3449	139.2	89.4	27	36	0	89.6	103.5
293	3382.653	15.8344	10.398485	1146.6	4095	3448	138.9	89.1	27	36	0	89.6	103.6
293.33333	3400.649	15.9808	10.491583	1146.6	4095	3449	138.5	89.2	27	36	0	89.6	103.5
293.66666	3391.651	15.9808	10.500712	1146.6	4095	3447	139.4	89.2	27	36	0	89.6	103.5
294	3270.178	16.2736	10.680711	1146.6	4095	3450	139.1	89.4	27	36	0	89.6	103.5
294.33333	3369.156	15.9808	10.497669	1146.6	4095	3450	139.2	89.2	27	36	0	89.6	103.5
294.66666	3351.16	15.9808	10.500712	1146.6	4095	3449	138.2	89.4	27	36	0	89.6	103.6
295	3400.649	15.9808	10.494626	1146.6	4095	3450	138.3	89.4	27	36	0	89.6	103.6
295.33333	3301.671	16.1272	10.593838	1146.6	4095	3446	141.2	89.2	27	36	0	89.6	103.4
295.66666	3373.655	15.9808	10.491583	1146.6	4095	3447	140.9	89.4	27	36	0	89.6	103.5
296	3400.649	15.8344	10.392455	1146.6	4095	3448	139.3	89.4	27	36	0	89.6	103.4
296.33333	3355.659	16.1272	10.587697	1146.6	4095	3446	140	89.2	27	36	0	89.6	103.5
296.66666	3355.659	15.9808	10.485498	1146.6	4095	3447	140.2	89.4	27	36	0	89.6	103.6
297	3369.156	16.1272	10.596909	1146.6	4095	3449	140.5	89.4	27	36	0	89.6	103.6
297.33333	3378.154	16.1272	10.590767	1146.6	4095	3447	140.6	89.4	27	36	0	89.6	103.5
297.66666	3337.663	15.9808	10.488541	1146.6	4095	3445	139.4	89.4	27	36	0	89.6	103.5
298	3508.625	15.9808	10.488541	1146.6	4095	3448	138.8	89.4	27	36	0	89.6	103.3
298.33333	3292.673	15.9808	10.491583	1146.6	4095	3448	139.5	89.4	27	36	0	89.6	103.6
298.66666	3387.152	15.9808	10.491583	1146.6	4095	3446	138.7	89.4	27	36	0	89.6	103.4
299	3544.617	16.1272	10.587697	1146.6	4095	3445	138.6	89.2	27	36	0	89.6	103.3
299.33333	3189.196	15.9808	10.482455	1146.6	4095	3451	140.1	89.2	27	36	0	89.6	103.5
299.66666	3211.691	16.1272	10.596909	1146.6	4095	3446	140.7	89.4	27	36	0	89.6	103.4
300	3360.158	15.9808	10.494626	1146.6	4095	3448	139.4	89.2	27	36	0	89.6	103.4
300.33333	3441.14	15.9808	10.491583	1146.6	4095	3450	139.3	89.4	27	36	0	89.6	103.4
300.66666	3396.15	16.1272	10.593838	1146.6	4095	3446	140.4	89.2	27	36	0	89.6	103.4
301	3346.661	15.9808	10.485498	1146.6	4095	3443	139.9	89.1	27	36	0	89.6	103.5
301.33333	3342.162	15.9808	10.476369	1146.6	4095	3447	137.7	89.2	27	36	0	89.6	103.3
301.66666	3328.665	15.9808	10.488541	1146.6	4095	3447	140.7	89.2	27	36	0	89.6	103.4
302	3418.645	15.9808	10.488541	1146.6	4095	3448	139.2	89.2	27	36	0	89.6	103.5
302.33333	3315.168	15.9808	10.491583	1146.6	4095	3444	139.2	89.2	27	36	0	89.6	103.3
302.66666	3319.667	15.9808	10.479412	1146.6	4095	3444	139.2	89.4	27	36	0	89.6	103.5
303	3279.176	15.9808	10.479412	1146.6	4095	3448	141.3	89.4	27	36	0	89.6	103.5
303.33333	3414.146	15.9808	10.491583	1146.6	4095	3448	139.5	89.4	27	36	0	89.6	103.4
303.66666	3351.16	16.1272	10.587697	1146.6	4095	3451	138.2	89.4	27	36	0	89.6	103.6

304	3360.158	15.9808	10.500712	1146.6	4095	3446	139.5	89.4	27	36	0	89.6	103.5
304.33333	3418.645	15.9808	10.485498	1146.6	4095	3443	139.7	89.2	27	36	0	89.6	103.3
304.66666	3378.154	16.1272	10.572343	1146.6	4095	3448	140.3	89.4	27	36	0	89.6	103.5
305	3355.659	16.1272	10.587697	1146.6	4095	3444	136.8	89.4	27	36	0	89.6	103.3
305.33333	3427.643	16.1272	10.575414	1146.6	4095	3447	140.9	89.4	27	36	0	89.6	103.4
305.66666	3360.158	15.9808	10.488541	1146.6	4095	3449	140	89.1	27	36	0	89.6	103.4
306	3328.665	16.1272	10.590767	1146.6	4095	3442	141.3	89.5	27	36	0	89.6	103.4
306.33333	3364.657	15.9808	10.479412	1146.6	4095	3450	138.3	89.2	27	36	0	89.6	103.6
306.66666	3378.154	16.1272	10.593838	1146.6	4095	3447	138.6	89.4	27	36	0	89.6	103.4
307	3508.625	15.9808	10.488541	1146.6	4095	3446	139.2	89.2	27	36	0	89.6	103.5
307.33333	3508.625	15.9808	10.488541	1146.6	4095	3439	140	89.5	27	36	0	89.6	103.5
307.66666	3391.651	16.1272	10.560061	1146.6	4095	3439	139.3	89.2	27	36	0	89.6	103
308	3414.146	15.9808	10.455070	1146.6	4095	3438	139.1	89.4	27	36	0	89.6	103.4
308.33333	3391.651	15.9808	10.461155	1146.6	4095	3445	139	89.2	27	36	0	89.6	103.5
308.66666	3364.657	16.1272	10.578485	1146.6	4095	3445	141.6	89.4	27	36	0	89.6	103.3
309	3490.629	15.9808	10.476369	1146.6	4095	3441	138.9	89.4	27	36	0	89.6	103.4
309.33333	3292.673	16.1272	10.566202	1146.6	4095	3442	137.9	89.2	27	36	0	89.6	103.4
309.66666	3400.649	16.1272	10.569273	1146.6	4095	3444	137.6	89.2	27	36	0	89.6	103.4
310	3414.146	16.2736	10.671416	1146.6	4095	3443	140.5	89.2	27	36	0	89.6	103.4
310.33333	3400.649	16.1272	10.572343	1146.6	4095	3438	140.3	89.4	27	36	0	89.6	103.3
310.66666	3481.631	15.9808	10.461155	1146.6	4095	3442	142.2	89.2	27	36	0	89.6	103.3
311	3378.154	15.9808	10.473327	1146.6	4095	3442	140.1	89.1	27	36	0	89.6	103.3
311.33333	3369.156	16.1272	10.569273	1146.6	4095	3440	139.7	89.4	27	36	0	89.6	103.3
311.66666	3418.645	15.9808	10.467241	1146.6	4095	3445	139.8	89.4	27	36	0	89.6	103.5
312	3378.154	16.1272	10.578485	1146.6	4095	3442	138.9	89.4	27	36	0	89.6	103.3
312.33333	3378.154	16.1272	10.566202	1146.6	4095	3436	140.9	89.2	27	36	0	89.6	103.3
312.66666	3351.16	15.8344	10.359291	1146.6	4095	3445	141.4	89.4	27	36	0	89.6	103.4
313	3387.152	15.9808	10.482455	1146.6	4095	3441	140.1	89.4	27	36	0	89.6	103.3
313.33333	3463.635	15.9808	10.476369	1146.6	4095	3446	140	89.4	27	37	0	89.6	103.6
313.66666	3364.657	15.9808	10.485498	1146.6	4095	3446	139.2	89.4	27	37	0	89.6	103.6
314	3396.15	16.1272	10.581555	1146.6	4095	3442	140.1	89.2	27	37	0	89.6	103.6
314.33333	3396.15	16.1272	10.569273	1146.6	4095	3439	138.9	89.4	27	37	0	89.6	103.3
314.66666	3432.142	16.1272	10.560061	1146.6	4095	3443	141.2	89.4	27	37	0	89.6	103.2
315	3562.613	16.1272	10.572343	1146.6	4095	3445	140.3	89.5	27	37	0	89.6	103.3
315.33333	3360.158	15.9808	10.476369	1146.6	4095	3447	139.8	89.4	27	38	0	89.6	103.4
315.66666	3265.679	15.9808	10.488541	1146.6	4095	3440	140.9	89.4	27	38	0	89.6	103.3
316	3400.649	15.9808	10.467241	1146.6	4095	3434	140.3	89.1	27	38	0	89.6	103.3
316.33333	3301.671	15.9808	10.448984	1146.6	4095	3443	139.5	89.1	27	38	0	89.6	103.3

316.66666	3450.138	15.9808	10.476369	1146.6	4095	3436	140.9	89.4	27	38	0	89.6	103.1
317	3391.651	15.9808	10.455070	1146.6	4095	3450	139.4	89.2	27	38	0	89.6	103.4
317.33333	3423.144	15.9808	10.491583	1146.6	4095	3450	139.5	89.4	27	38	0	89.6	103.3
317.66666	3355.659	16.1272	10.593838	1146.6	4095	3448	139.6	89.4	27	38	0	89.6	103.4
318	3270.178	15.9808	10.491583	1146.6	4095	3452	140.5	89.4	27	38	0	89.6	103.6
318.33333	3504.126	15.9808	10.503755	1146.6	4095	3450	139.5	89.4	27	38	0	89.6	103.5
318.66666	3414.146	15.9808	10.497669	1146.6	4095	3445	139.5	89.4	27	38	0	89.6	103.6
319	3436.641	15.9808	10.482455	1146.6	4095	3448	140.7	89.2	27	38	0	89.6	103.4
319.33333	3306.17	15.9808	10.491583	1146.6	4095	3441	141.2	89.2	27	38	0	89.6	103.2
319.66666	3333.164	16.1272	10.566202	1146.6	4095	3441	137.9	89.4	27	38	0	89.6	103.3
320	3409.647	16.1272	10.566202	1146.6	4095	3443	139.5	89.4	27	38	0	89.6	103.2
320.33333	3369.156	16.1272	10.572343	1146.6	4095	3443	139.8	89.4	27	38	0	89.6	103.3
320.66666	3373.655	16.1272	10.572343	1146.6	4095	3441	138.5	89.4	27	38	0	89.6	103.3
321	3351.16	16.1272	10.566202	1146.6	4095	3438	139.7	89.2	27	38	0	89.6	103.1
321.33333	3432.142	15.9808	10.461155	1146.6	4095	3445	140.4	89.2	27	38	0	89.6	103.4
321.66666	3324.166	15.9808	10.482455	1146.6	4095	3449	138.9	89.4	27	38	0	89.6	103.3
322	3382.653	16.1272	10.590767	1146.6	4095	3435	140.5	89.4	27	38	0	89.6	103.2
322.33333	3306.17	16.1272	10.547778	1146.6	4095	3435	138.1	89.4	27	38	0	89.6	103.1
322.66666	3355.659	15.9808	10.452027	1146.6	4095	3442	138.8	89.4	27	38	0	89.6	103.5
323	3342.162	16.1272	10.569273	1146.6	4095	3439	138.8	89.2	27	38	0	89.6	103.2
323.33333	3364.657	15.9808	10.464198	1146.6	4095	3438	139.3	89.1	27	38	0	89.6	103.4
323.66666	3472.633	16.1272	10.556990	1146.6	4095	3439	140.3	89.2	27	38	0	89.6	103.1
324	3207.192	16.1272	10.560061	1146.6	4095	3443	140.7	89.2	27	38	0	89.6	103.4
324.33333	3382.653	15.9808	10.476369	1146.6	4095	3447	138.7	89.4	27	38	0	89.6	103.3
324.66666	3364.657	15.9808	10.491583	1146.6	4095	3448	140.2	89.2	27	38	0	89.6	103.6
325	3301.671	16.1272	10.587697	1146.6	4095	3449	140.8	89.4	27	38	0	89.6	103.6
325.33333	3369.156	15.8344	10.398485	1146.6	4095	3450	140.3	89.2	27	38	0	89.6	103.5
325.66666	3369.156	16.1272	10.587697	1146.6	4095	3445	139.5	89.2	27	38	0	89.6	103.5
326	3382.653	16.1272	10.578485	1146.6	4095	3446	139.4	89.2	27	38	0	89.6	103.5
326.33333	3369.156	15.9808	10.485498	1146.6	4095	3442	139.8	89.2	27	38	0	89.6	103.3
326.66666	3364.657	16.1272	10.569273	1146.6	4095	3448	140.6	89.2	27	38	0	89.6	103.5
327	3342.162	15.9808	10.491583	1146.6	4095	3449	140.6	89.4	28	38	0	89.6	103.4
327.33333	3297.172	16.1272	10.590767	1146.6	4095	3442	139.9	89.2	28	38	0	89.6	103.3
327.66666	3342.162	16.1272	10.569273	1146.6	4095	3445	138.5	89.4	28	38	0	89.6	103.4
328	3360.158	15.9808	10.482455	1146.6	4095	3443	139.5	89.2	28	38	0	89.6	103.3
328.33333	3360.158	15.9808	10.476369	1146.6	4095	3443	141.1	89.4	27	38	0	89.6	103.3
328.66666	3310.669	15.9808	10.476369	1146.6	4095	3447	139.1	89.4	28	38	0	89.6	103.6
329	3378.154	16.2736	10.680711	1146.6	4095	3442	141.2	89.2	27	38	0	89.6	103.3

329.33333	3198.194	16.1272	10.569273	1146.6	4095	3446	139.7	89.2	28	38	0	89.6	103.4
329.66666	3355.659	15.8344	10.389440	1146.6	4095	3445	140.2	89.2	28	38	0	89.6	103.4
330	3301.671	15.9808	10.482455	1146.6	4095	3447	139	89.4	28	38	0	89.6	103.4
330.33333	3427.643	16.1272	10.584626	1146.6	4095	3443	139.3	89.2	28	38	0	89.6	103.6
330.66666	3360.158	16.1272	10.572343	1146.6	4095	3444	139.2	89.4	28	38	0	89.6	103.4
331	3364.657	15.9808	10.479412	1146.6	4095	3440	138.6	89.2	28	38	0	89.6	103.3
331.33333	3373.655	16.1272	10.563131	1146.6	4095	3444	138.9	89.2	28	38	0	89.6	103.4
331.66666	3351.16	16.1272	10.575414	1146.6	4095	3442	139.8	89.4	28	38	0	89.6	103.3
332	3472.633	16.1272	10.569273	1146.6	4095	3437	138.9	89.2	28	38	0	89.6	103.4
332.33333	3360.158	15.9808	10.458113	1146.6	4095	3445	137.6	89.4	28	38	0	89.6	103.3
332.66666	3391.651	15.9808	10.482455	1146.6	4095	3449	139.4	89.4	28	38	0	89.6	103.3
333	3517.623	16.1272	10.590767	1146.6	4095	3447	140.7	89.2	28	38	0	89.6	103.6
333.33333	3409.647	15.9808	10.488541	1146.6	4095	3448	138.6	89.4	28	38	0	89.6	103.5
333.66666	3283.675	15.9808	10.491583	1146.6	4095	3446	137.8	89.4	28	38	0	89.6	103.4
334	3382.653	15.9808	10.488541	1146.6	4095	3449	139.1	89.4	28	38	0	89.6	103.6
334.33333	3382.653	16.1272	10.590767	1146.6	4095	3450	139.9	89.2	28	38	0	89.6	103.5
334.66666	3427.643	15.9808	10.497669	1146.6	4095	3448	139.1	89.2	28	38	0	89.6	103.6
335	3333.164	15.8344	10.389440	1146.6	4095	3446	139.1	89.2	28	38	0	89	103.6
335.33333	3364.657	16.1272	10.581555	1146.6	4095	3447	140.8	89.4	28	38	0	89.6	103.4
335.66666	3409.647	16.1272	10.584626	1146.6	4095	3446	141.1	89.2	28	38	0	89.6	103.5
336	3337.663	16.1272	10.581555	1146.6	4095	3447	138.8	89.2	28	38	0	89.6	103.5
336.33333	3355.659	15.9808	10.488541	1146.6	4095	3447	139.3	89.4	28	38	0	89.6	103.4
336.66666	3211.691	15.9808	10.488541	1146.6	4095	3447	138.9	89.4	28	38	0	89.6	103.5
337	3346.661	15.8344	10.392455	1146.6	4095	3443	140	89.4	28	38	0	89.6	103.4
337.33333	3319.667	15.9808	10.476369	1146.6	4095	3446	141	89.2	28	38	0	89.6	103.4
337.66666	3387.152	16.1272	10.578485	1146.6	4095	3447	137.9	89.4	28	38	0	89.6	103.6
338	3351.16	16.1272	10.584626	1146.6	4095	3441	140.3	89.2	28	38	0	89.6	103.3
338.33333	3364.657	16.1272	10.566202	1146.6	4095	3442	138.3	89.5	28	38	0	89.6	103.4
338.66666	3265.679	15.9808	10.473327	1146.6	4095	3447	139.8	89.4	28	38	0	89.6	103.4
339	3396.15	15.688	10.296370	1146.6	4095	3444	138.7	89.2	28	38	0	89.6	103.4
339.33333	3364.657	15.8344	10.383410	1146.6	4095	3445	141.7	89.2	28	38	0	89.6	103.5
339.66666	3360.158	15.688	10.290396	1146.6	4095	3446	141.8	89.2	28	38	0	89.6	103.4
340	3373.655	16.1272	10.581555	1146.6	4095	3439	139.6	89.4	28	38	0	89.6	103.3
340.33333	3328.665	15.9808	10.464198	1146.6	4095	3441	139	89.2	28	38	0	89.6	103.3
340.66666	3337.663	15.9808	10.470284	1146.6	4095	3441	139.7	89.2	28	38	0	89.6	103.3
341	3301.671	16.1272	10.566202	1146.6	4095	3442	140.8	89.2	28	38	0	89.6	103.4
341.33333	3409.647	15.9808	10.473327	1146.6	4095	3446	141.7	89.2	28	38	0	89.6	103.5
341.66666	3360.158	15.9808	10.485498	1146.6	4095	3444	138.3	89.4	28	38	0	89.6	103.4

342	3364.657	16.1272	10.575414	1146.6	4095	3447	140.2	89.4	28	38	0	89.6	103.6
342.33333	3328.665	15.9808	10.488541	1146.6	4095	3443	139.4	89.4	28	38	0	89.6	103.4
342.66666	3369.156	15.9808	10.476369	1146.6	4095	3444	141.2	89.2	28	38	0	89.6	103.3
343	3328.665	15.9808	10.479412	1146.6	4095	3449	142	89.4	28	38	0	89.6	103.5
343.33333	3288.174	15.9808	10.494626	1146.6	4095	3449	139.9	89.2	28	38	0	89.6	103.5
343.66666	3288.174	16.2736	10.494626	1146.6	4095	3449	140.1	89.2	28	38	0	89.6	103.4
344	3427.643	15.9808	10.494626	1146.6	4095	3444	139.8	89.5	28	38	0	89.6	103.5
344.33333	3391.651	16.1272	10.575414	1146.6	4095	3446	139.7	89.4	28	38	0	89.6	103.5
344.66666	3283.675	15.9808	10.494626	1146.6	4095	3452	140.7	89.2	28	38	0	89.6	103.6
345	3310.669	16.1272	10.599979	1146.6	4095	3446	141.1	89.2	28	38	0	89.6	103.4
345.33333	3387.152	15.8344	10.389440	1146.6	4095	3446	138.1	89.4	28	38	0	89.6	103.4
345.66666	3387.152	16.1272	10.581555	1146.6	4095	3447	138.6	89.4	28	38	0	89.6	103.5
346	3243.184	15.9808	10.488541	1146.6	4095	3441	139	89.2	28	38	0	89.6	103.5
346.33333	3373.655	15.9808	10.470284	1146.6	4095	3445	141.5	89.2	28	38	0	89.6	103.5
346.66666	3360.158	16.1272	10.578485	1146.6	4095	3445	138.8	89.4	28	38	0	89.6	103.5
347	3378.154	15.9808	10.482455	1146.6	4095	3445	141.1	89.4	28	38	0	89.6	103.4
347.33333	3400.649	16.1272	10.578485	1146.6	4095	3443	139.9	89.5	28	38	0	89.6	103.5
347.66666	3360.158	15.9808	10.476369	1146.6	4095	3449	140.7	89.4	28	38	0	89.6	103.4
348	3405.148	15.8344	10.398485	1146.6	4095	3442	139.2	89.4	28	38	0	89.6	103.4
348.33333	3360.158	15.9808	10.473327	1146.6	4095	3447	142	89.4	28	38	0	89.6	103.6
348.66666	3216.19	15.9808	10.488541	1146.6	4095	3447	138.6	89.4	28	38	0	89.6	103.5
349	3288.174	16.1272	10.584626	1146.6	4095	3446	138	89.4	28	38	0	89.6	103.4
349.33333	3324.166	15.9808	10.485498	1146.6	4095	3446	140.4	89.4	28	38	0	89.6	103.6
349.66666	3477.132	16.1272	10.581555	1146.6	4095	3444	140.1	89.2	28	38	0	89.6	103.3
350	3405.148	15.9808	10.479412	1146.6	4095	3442	141.3	89.2	28	38	0	89.6	103.6
350.33333	3360.158	16.1272	10.569273	1146.6	4095	3446	140.2	89.4	28	38	0	89.6	103.4
350.66666	3337.663	15.9808	10.485498	1146.6	4095	3440	140.2	89.4	28	38	0	89.6	103.3
351	3382.653	15.9808	10.476369	1146.6	4095	3444	139	89.4	28	38	0	89.6	103.5
351.33333	3364.657	16.1272	10.575414	1146.6	4095	3441	141.4	89.4	28	38	0	89.6	103.4
351.66666	3220.689	15.9808	10.470284	1146.6	4095	3445	138.5	89.2	28	38	0	89.6	103.4
352	3319.667	16.1272	10.581555	1146.6	4095	3448	139.5	89.2	28	39	0	89.6	103.5
352.33333	3324.166	15.9808	10.491583	1146.6	4095	3442	139.3	89.2	28	39	0	89.6	103.4
352.66666	3396.15	16.1272	10.569273	1146.6	4095	3449	140.6	89.2	28	39	0	89.6	103.6
353	3405.148	16.1272	10.590767	1146.6	4095	3450	139.8	89.2	28	39	0	89.6	103.6
353.33333	3351.16	15.9808	10.497669	1146.6	4095	3445	139.4	89.2	28	39	0	89.6	103.5
353.66666	3292.673	16.1272	10.578485	1146.6	4095	3446	138.8	89.2	28	40	0	89.6	103.6
354	3337.663	15.9808	10.473327	1146.6	4095	3445	141.3	89.2	28	40	0	89.6	103.4
354.33333	3522.122	15.9808	10.482455	1146.6	4095	3445	141.5	89.4	28	40	0	89.6	103.5

354.66666	3495.128	15.9808	10.482455	1146.6	4095	3447	140.6	89.2	28	40	0	89.6	103.6
355	3337.663	15.9808	10.488541	1146.6	4095	3451	138.5	89.2	28	40	0	89.6	103.4
355.33333	3270.178	15.9808	10.500712	1146.6	4095	3443	140.3	89.4	28	40	0	89.6	103.6
355.66666	3333.164	15.9808	10.476369	1146.6	4095	3448	141.2	89.4	28	40	0	89.6	103.5
356	3202.693	16.1272	10.587697	1146.6	4095	3445	138.1	89.2	28	40	0	89.6	103.3
356.33333	3328.665	15.9808	10.482455	1146.6	4095	3445	139.1	89.5	28	40	0	89.6	103.5
356.66666	3400.649	15.9808	10.482455	1146.6	4095	3446	139.9	89.2	28	40	0	89.6	103.5
357	3274.677	15.9808	10.485498	1146.6	4095	3445	141.1	89.2	28	40	0	89.6	103.4
357.33333	3463.635	15.9808	10.479412	1146.6	4095	3445	138	89.2	28	40	0	89.6	103.5
357.66666	3441.14	16.1272	10.578485	1146.6	4095	3447	138.5	89.2	28	40	0	89.6	103.4
358	3391.651	15.9808	10.488541	1146.6	4095	3446	140.7	89.4	28	40	0	89.6	103.6
358.33333	3351.16	15.9808	10.482455	1146.6	4095	3448	140.6	89.4	28	40	0	89.6	103.6
358.66666	3409.647	16.1272	10.587697	1146.6	4095	3446	139.5	89.2	28	40	0	89.6	103.4
359	3409.647	16.2736	10.677613	1146.6	4095	3449	139.3	89.2	28	40	0	89.6	103.6
359.33333	3364.657	16.2736	10.686909	1146.6	4095	3447	140.2	89.5	28	40	0	89.6	103.6
359.66666	3391.651	16.1272	10.584626	1146.6	4095	3443	140.5	89.2	28	40	0	89.6	103.4
360	3499.627	16.1272	10.572343	1146.6	4095	3448	140.9	89.4	28	40	0	89.6	103.6
360.33333	3396.15	16.1272	10.584626	1146.6	4095	3448	139.7	89.4	28	40	0	89.6	103.5
360.66666	3355.659	16.1272	10.587697	1146.6	4095	3445	138.7	89.4	28	40	0	89.6	103.5
361	3414.146	15.9808	10.482455	1146.6	4095	3450	139.9	89.2	28	40	0	89.6	103.6
361.33333	3400.649	16.1272	10.593838	1146.6	4095	3446	140.6	89.4	28	40	0	89.6	103.4
361.66666	3315.168	16.1272	10.581555	1146.6	4095	3444	140.9	89.2	28	40	0	89.6	103.6
362	3445.639	16.1272	10.575414	1146.6	4095	3449	140.3	89.2	28	40	0	89.6	103.5
362.33333	3486.13	16.1272	10.590767	1146.6	4095	3445	139.3	89.4	28	40	0	89.6	103.5
362.66666	3364.657	15.9808	10.482455	1146.6	4095	3443	139.5	89.4	28	40	0	89.6	103.6
363	3360.158	15.9808	10.476369	1146.6	4095	3447	142	89.2	28	40	0	89.6	103.6
363.33333	3486.13	16.1272	10.584626	1146.6	4095	3445	137.9	89.4	28	40	0	89.6	103.6
363.66666	3229.687	15.9808	10.482455	1146.6	4095	3452	140.3	89.4	28	40	0	89.6	103.6
364	3450.138	16.1272	10.599979	1146.6	4095	3451	138.4	89.4	28	40	0	89.6	103.5
364.33333	3243.184	15.9808	10.500712	1146.6	4095	3449	139.5	89.2	28	40	0	89.6	103.6
364.66666	3387.152	16.1272	10.590767	1146.6	4095	3449	139.5	89.2	28	40	0	89.6	103.6
365	3346.661	15.9808	10.494626	1146.6	4095	3449	140.7	89.2	28	40	0	89.6	103.5
365.33333	3382.653	16.1272	10.590767	1146.6	4095	3449	139.3	89.4	28	40	0	89.6	103.6
365.66666	3427.643	15.9808	10.494626	1146.6	4095	3455	140.8	89.2	28	40	0	89.6	103.6
366	3360.158	16.2736	10.705500	1146.6	4095	3447	138.7	89.2	28	40	0	89.6	103.6
366.33333	3423.144	15.9808	10.488541	1146.6	4095	3449	139.4	89.4	28	40	0	89.6	103.6
366.66666	3360.158	16.1272	10.590767	1146.6	4095	3451	140	89.2	28	40	0	89.6	103.6
367	3373.655	16.1272	10.596909	1146.6	4095	3451	138.7	89.2	28	40	0	89.6	103.7

367.33333	3351.16	15.9808	10.500712	1146.6	4095	3450	140.1	89.1	28	40	0	89.6	103.7
367.66666	3292.673	16.2736	10.693106	1146.6	4095	3445	140.7	89.4	28	40	0	89.6	103.5
368	3387.152	15.9808	10.482455	1146.6	4095	3445	138.6	89.4	28	40	0	89.6	103.6
368.33333	3454.637	16.1272	10.578485	1146.6	4095	3450	140.4	89.4	28	40	0	89.6	103.6
368.66666	3499.627	16.1272	10.596909	1146.6	4095	3446	140.6	89.4	28	40	0	89.6	103.6
369	3400.649	15.9808	10.485498	1146.6	4095	3449	139.5	89.4	28	40	0	89.6	103.6
369.33333	3418.645	15.9808	10.494626	1146.6	4095	3452	140.9	89.2	28	40	0	89.6	103.6
369.66666	3333.164	15.9808	10.512883	1146.6	4095	3449	138.3	89.4	28	40	0	89.6	103.7
370	3364.657	16.1272	10.590767	1146.6	4095	3453	139.9	89.2	28	40	0	89.6	103.6
370.33333	3441.14	16.2736	10.699303	1146.6	4095	3449	140.6	89.4	28	40	0	89.6	103.6
370.66666	3351.16	16.1272	10.590767	1146.6	4095	3449	141	89.4	28	40	0	89.6	103.7
371	3400.649	15.9808	10.494626	1146.6	4095	3450	139.1	89.2	28	40	0	89.6	103.6
371.33333	3324.166	16.2736	10.690007	1146.6	4095	3443	139.2	89.2	28	40	0	89.6	103.5
371.66666	3360.158	16.1272	10.572343	1146.6	4095	3449	140.3	89.2	28	40	0	89.6	103.6
372	3391.651	16.1272	10.590767	1146.6	4095	3446	138.7	89.4	28	40	0	89.6	103.6
372.33333	3306.17	16.1272	10.581555	1146.6	4095	3446	140.5	89.4	28	40	0	89.6	103.6
372.66666	3315.168	16.1272	10.581555	1146.6	4095	3452	140.9	89.4	28	40	0	89.6	103.6
373	3328.665	15.9808	10.503755	1146.6	4095	3448	139.4	89.2	28	40	0	89.6	103.6
373.33333	3391.651	15.9808	10.491583	1146.6	4095	3447	139.5	89.2	28	40	0	89.6	103.6
373.66666	3337.663	15.9808	10.488541	1146.6	4095	3449	139.8	89.4	28	40	0	89.6	103.6
374	3405.148	16.1272	10.593838	1146.6	4095	3446	139.4	89.4	28	40	0	89.6	103.6
374.33333	3391.651	16.1272	10.581555	1146.6	4095	3448	139.5	89.2	28	40	0	89.6	103.6
374.66666	3355.659	15.8344	10.395470	1146.6	4095	3448	139.5	89.1	28	40	0	89.6	103.5
375	3414.146	16.1272	10.587697	1146.6	4095	3448	138.5	89.4	28	40	0	89.6	103.6
375.33333	3373.655	15.9808	10.491583	1146.6	4095	3453	138.4	89.4	28	40	0	89.6	103.6
375.66666	3382.653	15.9808	10.506797	1146.6	4095	3448	139.5	89.2	28	40	0	89.6	103.6
376	3346.661	15.9808	10.491583	1146.6	4095	3450	140.4	89.2	28	40	0	89.6	103.6
376.33333	3319.667	15.9808	10.497669	1146.6	4095	3450	140.2	89.1	28	40	0	89.6	103.7
376.66666	3373.655	15.9808	10.497669	1146.6	4095	3448	139.8	89.2	28	40	0	89.6	103.6
377	3364.657	16.1272	10.587697	1146.6	4095	3450	139.7	89.2	28	40	0	89.6	103.6
377.33333	3243.184	16.1272	10.593838	1146.6	4095	3449	139.9	89.1	28	40	0	89.6	103.6
377.66666	3445.639	15.9808	10.494626	1146.6	4095	3451	139.7	89.2	28	40	0	89.6	103.7
378	3265.679	16.2736	10.693106	1146.6	4095	3453	138.9	89.2	28	40	0	89.6	103.8
378.33333	3333.164	16.1272	10.603050	1146.6	4095	3449	139.7	89.2	28	40	0	89.6	103.6
378.66666	3441.14	16.1272	10.590767	1146.6	4095	3447	139.5	89.4	28	40	0	89.6	103.6
379	3364.657	15.9808	10.488541	1146.6	4095	3452	137.6	89.4	28	40	0	89.6	103.6
379.33333	3427.643	16.1272	10.599979	1146.6	4095	3448	139.9	89.2	28	40	0	89.6	103.6
379.66666	3391.651	16.1272	10.587697	1146.6	4095	3450	137.8	89.2	28	40	0	89.6	103.7

380	3256.681	15.9808	10.497669	1146.6	4095	3450	139.8	89.4	28	40	0	89.6	103.6
380.33333	3373.655	16.1272	10.593838	1146.6	4095	3447	140.6	89.1	28	40	0	89.6	103.6
380.66666	3373.655	16.1272	10.584626	1146.6	4095	3448	140.1	89.2	28	40	0	89.6	103.7
381	3333.164	15.9808	10.491583	1146.6	4095	3447	139.3	89.2	28	40	0	89.6	103.6
381.33333	3373.655	16.1272	10.584626	1146.6	4095	3450	137.5	89.4	28	40	0	89.6	103.6
381.66666	3274.677	15.9808	10.497669	1146.6	4095	3453	139.7	89.5	28	40	0	89.6	103.7
382	3481.631	16.1272	10.603050	1146.6	4095	3447	139.7	89.4	28	40	0	89.6	103.6
382.33333	3364.657	15.9808	10.488541	1146.6	4095	3448	139.5	89.4	28	40	0	89.6	103.7
382.66666	3391.651	16.1272	10.587697	1146.6	4095	3447	137.2	89.2	28	40	0	89.6	103.6
383	3355.659	16.1272	10.584626	1146.6	4095	3452	140.6	89.2	28	40	0	89.6	103.8
383.33333	3315.168	15.9808	10.503755	1146.6	4095	3451	139.7	89.2	28	40	0	89.6	103.6
383.66666	3369.156	16.1272	10.590767	1146.6	4095	3448	140.2	89.2	28	40	0	89.6	103.5
384	3445.639	16.1272	10.587697	1146.6	4095	3451	139.6	89.2	28	40	0	89.6	103.6
384.33333	3391.651	15.9808	10.500712	1146.6	4095	3456	139.7	89.2	28	40	0	89.6	103.7
384.66666	3382.653	15.9808	10.512883	1146.6	4095	3449	139.1	89.4	28	40	0	89.6	103.7
385	3364.657	15.9808	10.494626	1146.6	4095	3448	140.7	89.2	28	40	0	89.6	103.7
385.33333	3310.669	15.9808	10.491583	1146.6	4095	3452	140.2	89.4	28	40	0	89.6	103.7
385.66666	3378.154	16.2736	10.696204	1146.6	4095	3449	139.6	89.4	28	40	0	89.6	103.6
386	3369.156	16.1272	10.590767	1146.6	4095	3454	140.5	89.2	28	40	0	89.6	103.7
386.33333	3351.16	16.1272	10.606121	1146.6	4095	3450	139.6	89.4	28	40	0	89.6	103.6
386.66666	3373.655	15.9808	10.497669	1146.6	4095	3445	138.5	89.4	28	40	0	89.6	103.7
387	3378.154	15.9808	10.482455	1146.6	4095	3449	139.9	89.4	28	40	0	89.6	103.6
387.33333	3328.665	15.9808	10.494626	1146.6	4095	3448	137.5	89.2	28	40	0	89.6	103.6
387.66666	3328.665	15.9808	10.494626	1146.6	4095	3453	139.9	89.2	28	40	0	89.6	103.7
388	3328.665	16.1272	10.603050	1146.6	4095	3446	138.9	89.4	28	40	0	89.6	103.6
388.33333	3364.657	16.2736	10.677613	1146.6	4095	3452	140	89.5	28	40	0	89.6	103.6
388.66666	3391.651	16.1272	10.603050	1146.6	4095	3452	139	89.5	28	40	0	89.6	103.8
389	3396.15	15.9808	10.503755	1146.6	4095	3453	139.5	89.2	28	40	0	89.6	103.6
389.33333	3391.651	15.9808	10.506797	1146.6	4095	3453	138.2	89.4	28	40	0	89.6	103.7
389.66666	3351.16	15.9808	10.506797	1146.6	4095	3453	139.5	89.4	28	40	0	89.6	103.8
390	3414.146	16.2736	10.699303	1146.6	4095	3450	141.4	89.4	28	40	0	89.6	103.6
390.33333	3292.673	16.1272	10.593838	1146.6	4095	3453	138.7	89.2	28	40	0	89.6	103.8
390.66666	3396.15	15.9808	10.497669	1146.6	4095	3450	141.9	89.2	28	40	0	89.6	103.7
391	3378.154	15.9808	10.497669	1146.6	4095	3449	143	89.4	28	40	0	89.6	103.6
391.33333	3247.683	16.1272	10.590767	1146.6	4095	3453	141.4	89.2	28	40	0	89.6	103.7
391.66666	3261.18	16.1272	10.599979	1146.6	4095	3451	139.9	89.2	28	40	0	89.6	103.7
392	3351.16	15.9808	10.500712	1146.6	4095	3450	140.1	89.4	28	41	0	89.6	103.7
392.33333	3346.661	15.8344	10.401500	1146.6	4095	3454	140.1	89.2	28	41	0	89.6	103.8

392.66666	3319.667	16.1272	10.606121	1146.6	4095	3451	140.1	89.2	28	41	0	89.6	103.9
393	3391.651	16.1272	10.596909	1146.6	4095	3453	140.2	88.9	28	41	0	89.6	103.7
393.33333	3423.144	15.9808	10.506797	1146.6	4095	3457	138.4	89.2	28	41	0	89.6	103.8
393.66666	3310.669	16.1272	10.612262	1146.6	4095	3452	138	89.4	28	42	0	89.6	103.7
394	3382.653	15.9808	10.503755	1146.6	4095	3451	138.6	89.2	28	41	0	89.6	103.8
394.33333	3297.172	16.1272	10.596909	1146.6	4095	3452	137.4	89.4	28	42	0	89.6	103.6
394.66666	3364.657	16.1272	10.599979	1146.6	4095	3450	138.7	89.2	28	42	0	89.6	103.6
395	3391.651	16.1272	10.593838	1146.6	4095	3452	139.3	89.1	28	42	0	89.6	103.7
395.33333	3364.657	16.1272	10.599979	1146.6	4095	3452	139.1	89.5	28	42	0	89.6	103.7
395.66666	3441.14	15.9808	10.503755	1146.6	4095	3451	139.2	89.4	28	42	0	89.6	103.7
396	3472.633	16.1272	10.596909	1146.6	4095	3452	140.2	89.4	28	42	0	89.6	103.7
396.33333	3342.162	15.9808	10.503755	1146.6	4095	3455	139.9	89.5	28	42	0	89.6	103.6
396.66666	3342.162	15.9808	10.512883	1146.6	4095	3453	139.8	89.5	28	42	0	89.6	103.8
397	3310.669	15.9808	10.506797	1146.6	4095	3452	141.1	89.4	28	42	0	89.6	103.7
397.33333	3328.665	15.9808	10.503755	1146.6	4095	3450	138.3	89.2	28	42	0	89.6	103.6
397.66666	3409.647	16.1272	10.593838	1146.6	4095	3449	141.1	89.4	28	42	0	89.6	103.8
398	3472.633	15.9808	10.494626	1146.6	4095	3450	139.2	89.1	28	42	0	89.6	103.6
398.33333	3342.162	16.1272	10.593838	1146.6	4095	3450	137.2	89.2	28	42	0	89.6	103.7
398.66666	3346.661	15.8344	10.401500	1146.6	4095	3451	140.7	89.2	28	42	0	89.6	103.8
399	3405.148	15.9808	10.500712	1146.6	4095	3451	139	89.4	28	42	0	89.6	103.6
399.33333	3243.184	16.1272	10.596909	1146.6	4095	3449	139.5	89.2	28	42	0	89.6	103.8
399.66666	3283.675	16.1272	10.590767	1146.6	4095	3452	139	89.2	28	42	0	89.6	103.7
400	3301.671	16.1272	10.599979	1146.6	4095	3449	139.9	89.2	28	42	0	89.6	103.6
400.33333	3445.639	15.9808	10.494626	1146.6	4095	3453	140.8	89.5	28	42	0	89.6	103.7
400.66666	3220.689	16.1272	10.603050	1146.6	4095	3451	139.6	89.2	28	42	0	89.6	103.6
401	3405.148	16.1272	10.593838	1146.6	4095	3447	140.5	89.2	28	42	0	89.6	103.6
401.33333	3324.166	16.1272	10.584626	1146.6	4095	3454	140.5	89.4	28	42	0	89.6	103.7
401.66666	3328.665	15.9808	10.509840	1146.6	4095	3450	139.3	89.4	28	42	0	89.6	103.6
402	3216.19	15.9808	10.506797	1146.6	4095	3449	139.5	89.4	28	42	0	89.6	103.7
402.33333	3396.15	16.1272	10.590767	1146.6	4095	3453	138.9	89.2	28	42	0	89.6	103.8
402.66666	3436.641	16.1272	10.603050	1146.6	4095	3449	143	89.4	28	42	0	89.6	103.6
403	3283.675	16.1272	10.599979	1146.6	4095	3451	139	89.4	28	42	0	89.6	103.7
403.33333	3423.144	16.1272	10.596909	1146.6	4095	3452	138.2	89.2	28	42	0	89.6	103.7
403.66666	3441.14	16.2736	10.696204	1146.6	4095	3451	140.1	89.4	28	42	0	89.6	103.6
404	3441.14	15.9808	10.500712	1146.6	4095	3453	139.9	89.4	28	42	0	89.6	103.9
404.33333	3436.641	16.42	10.795555	1146.6	4095	3454	140.3	89.1	28	42	0	89.6	103.6
404.66666	3450.138	16.1272	10.606121	1146.6	4095	3451	140.3	89.4	28	42	0	89.6	103.7
405	3252.182	16.2736	10.693106	1146.6	4095	3452	139.7	89.4	28	42	0	89.6	103.8

405.33333	3364.657	16.1272	10.599979	1146.6	4095	3449	140.5	89.5	28	42	0	89.6	103.6
405.66666	3373.655	15.9808	10.494626	1146.6	4095	3451	139.8	89.4	28	42	0	89.6	103.7
406	3364.657	16.1272	10.596909	1146.6	4095	3454	140.8	89.4	28	42	0	89.6	103.8
406.33333	3378.154	16.1272	10.606121	1146.6	4095	3453	140	89.2	28	42	0	89.6	103.7
406.66666	3445.639	15.9808	10.506797	1146.6	4095	3456	140.9	89.2	28	42	0	89.6	103.8
407	3369.156	16.1272	10.612262	1146.6	4095	3456	140.1	89.2	28	42	0	89.6	103.8
407.33333	3355.659	15.9808	10.515926	1146.6	4095	3454	138.9	89.4	28	42	0	89.6	103.8
407.66666	3405.148	16.1272	10.606121	1146.6	4095	3454	140.8	89.4	28	42	0	89.6	103.9
408	3256.681	16.1272	10.606121	1146.6	4095	3454	142.1	89.4	28	42	0	89.6	103.7
408.33333	3319.667	15.9808	10.509840	1146.6	4095	3450	138.3	89.2	28	42	0	89.6	103.7
408.66666	3378.154	16.1272	10.593838	1146.6	4095	3452	141.3	89.4	28	42	0	89.6	103.7
409	3409.647	16.2736	10.696204	1146.6	4095	3452	139.7	89.1	28	42	0	89.6	103.7
409.33333	3414.146	16.1272	10.599979	1146.6	4095	3457	140.3	89.4	28	42	0	89.6	103.9
409.66666	3423.144	15.688	10.326240	1146.6	4095	3456	141.5	89.4	28	42	0	89.6	103.8
410	3499.627	15.8344	10.419589	1146.6	4095	3454	138.4	89.2	28	42	0	89.6	103.8
410.33333	3463.635	16.1272	10.606121	1146.6	4095	3454	140.5	89.2	28	42	0	89.6	103.9
410.66666	3405.148	15.9808	10.509840	1146.6	4095	3455	141.1	89.2	29	42	0	89.6	103.7
411	3517.623	16.1272	10.609191	1146.6	4095	3454	140.3	89.4	29	42	0	89.6	103.8
411.33333	3288.174	16.1272	10.606121	1146.6	4095	3455	138.3	89.2	28	42	0	89.6	103.9
411.66666	3391.651	16.1272	10.609191	1146.6	4095	3455	139.6	89.4	28	42	0	89.6	103.7
412	3387.152	16.1272	10.609191	1146.6	4095	3454	140.5	89.2	28	42	0	89.6	103.8
412.33333	3369.156	15.9808	10.509840	1146.6	4095	3454	139.1	89.2	29	42	0	89.6	103.8
412.66666	3427.643	15.9808	10.509840	1146.6	4095	3453	139	89.2	29	42	0	89.6	103.7
413	3351.16	16.1272	10.603050	1146.6	4095	3454	141.6	89.2	29	42	0	89.6	103.8
413.33333	3211.691	15.9808	10.509840	1146.6	4095	3455	140.3	89.4	29	42	0	89.6	103.7
413.66666	3234.186	16.1272	10.609191	1146.6	4095	3450	139.5	89.1	29	42	0	89.6	103.6
414	3472.633	15.9808	10.497669	1146.6	4095	3457	139.8	89.1	29	42	0	89.6	103.8
414.33333	3270.178	15.9808	10.518969	1146.6	4095	3459	139.2	89.4	29	42	0	89.6	103.9
414.66666	3355.659	16.1272	10.618403	1146.6	4095	3457	138.5	89.5	29	42	0	89.6	103.9
415	3360.158	16.1272	10.615333	1146.6	4095	3457	139.4	89.2	29	42	0	89.6	104
415.33333	3486.13	16.1272	10.615333	1146.6	4095	3453	140.1	89.4	29	42	0	89.6	103.7
415.66666	3459.136	15.9808	10.506797	1146.6	4095	3451	140.1	89.4	29	42	0	89.6	103.8
416	3319.667	15.9808	10.500712	1146.6	4095	3454	137.7	89.2	29	42	0	89.6	103.7
416.33333	3256.681	16.1272	10.606121	1146.6	4095	3452	139.4	89.4	29	42	0	89.6	103.8
416.66666	3333.164	16.1272	10.609191	1146.6	4095	3452	139	89.2	29	42	0	89.6	103.9
417	3373.655	16.2736	10.696204	1146.6	4095	3452	139.8	89.5	29	42	0	89.6	103.7
417.33333	3243.184	15.8344	10.407530	1146.6	4095	3449	140	89.2	29	42	0	89.6	103.7
417.66666	3288.174	16.1272	10.599979	1146.6	4095	3453	139.5	89.2	29	42	0	89.6	103.8

418	3315.168	16.1272	10.603050	1146.6	4095	3453	139.3	89.2	29	42	0	89.6	103.7
418.33333	3360.158	15.8344	10.410545	1146.6	4095	3455	138.6	89.1	29	42	0	89.6	103.8
418.66666	3369.156	15.9808	10.512883	1146.6	4095	3455	138.8	88.9	29	42	0	89.6	103.9
419	3274.677	15.8344	10.416575	1146.6	4095	3456	139.6	89.5	29	42	0	89.6	103.8
419.33333	3360.158	16.1272	10.612262	1146.6	4095	3457	139	89.4	29	42	0	89.6	103.9
419.66666	3378.154	16.1272	10.615333	1146.6	4095	3459	139.9	89.2	29	42	0	89.6	103.9
420	3391.651	16.1272	10.621474	1146.6	4095	3454	139.9	89.2	29	42	0	89.6	103.9
420.33333	3382.653	16.1272	10.606121	1146.6	4095	3455	139.5	89.4	29	42	0	89.6	104
420.66666	3396.15	16.1272	10.609191	1146.6	4095	3455	138.9	89.1	29	42	0	89.6	103.9
421	3238.685	15.9808	10.518969	1146.6	4095	3454	139.6	89.4	29	42	0	89.6	103.9
421.33333	3189.196	16.1272	10.606121	1146.6	4095	3455	139.3	89.4	29	42	0	89.6	103.9
421.66666	3364.657	16.1272	10.609191	1146.6	4095	3457	137.1	89.5	29	42	0	89.6	103.9
422	3409.647	16.1272	10.615333	1146.6	4095	3456	139.5	89.4	29	42	0	89.6	103.9
422.33333	3400.649	16.1272	10.612262	1146.6	4095	3457	140.4	89.1	29	42	0	89.6	103.9
422.66666	3409.647	16.1272	10.615333	1146.6	4095	3456	141.9	89.4	29	42	0	89.6	103.9
423	3432.142	16.1272	10.612262	1146.6	4095	3460	138.5	89.4	29	42	0	89.6	104
423.33333	3364.657	15.9808	10.525054	1146.6	4095	3459	140.6	89.4	29	42	0	89.6	104
423.66666	3355.659	16.1272	10.621474	1146.6	4095	3455	141.6	89.4	29	42	0	89.6	103.9
424	3387.152	15.8344	10.416575	1146.6	4095	3456	139.8	89.4	29	42	0	89.6	103.9
424.33333	3265.679	16.42	10.801808	1146.6	4095	3456	140.7	89.1	29	42	0	89.6	103.9
424.66666	3333.164	15.9808	10.515926	1146.6	4095	3454	139.2	89.4	29	42	0	89.6	103.8
425	3360.158	15.9808	10.509840	1146.6	4095	3460	139.7	89.4	29	42	0	89.6	103.9
425.33333	3351.16	15.9808	10.528097	1146.6	4095	3457	139.1	89.5	29	42	0	89.6	103.9
425.66666	3337.663	16.1272	10.615333	1146.6	4095	3459	141.5	89.5	29	42	0	89.6	103.9
426	3396.15	16.1272	10.621474	1146.6	4095	3459	140.6	89.4	29	42	0	89.6	104
426.33333	3346.661	15.9808	10.525054	1146.6	4095	3457	138.5	89.1	29	42	0	89.6	103.9
426.66666	3364.657	15.9808	10.506797	1146.6	4095	3453	138.7	89.2	29	42	0	89	103.8
427	3346.661	16.1272	10.603050	1146.6	4095	3453	139.6	89.4	29	42	0	89.6	103.9
427.33333	3459.136	16.1272	10.603050	1146.6	4095	3454	140	89.2	29	42	0	89.6	103.9
427.66666	3333.164	16.1272	10.606121	1146.6	4095	3457	137.8	89.2	29	42	0	89.6	103.9
428	3324.166	15.9808	10.518969	1146.6	4095	3455	137.1	89.2	29	42	0	89.6	103.9
428.33333	3427.643	15.9808	10.512883	1146.6	4095	3456	139.9	89.4	29	42	0	89.6	103.9
428.66666	3247.683	16.1272	10.612262	1146.6	4095	3460	141.6	89.4	29	42	0	89.6	103.9
429	3252.182	16.1272	10.618403	1146.6	4095	3457	139.6	89.2	29	42	0	89.6	103.9
429.33333	3373.655	15.9808	10.518969	1146.6	4095	3453	139.9	89.5	29	42	0	89.6	103.8
429.66666	3382.653	15.8344	10.410545	1146.6	4095	3459	138.9	89.4	29	42	0	89.6	103.9
430	3351.16	15.9808	10.525054	1146.6	4095	3455	141.7	88.9	29	42	0	89.6	103.9
430.33333	3373.655	16.1272	10.609191	1146.6	4095	3455	138.2	89.4	29	42	0	89.6	103.8

430.66666	3369.156	16.1272	10.609191	1146.6	4095	3455	139	89.4	29	42	0	89.6	103.9
431	3297.172	16.1272	10.603050	1146.6	4095	3456	141.5	89.4	29	42	0	89.6	103.9
431.33333	3414.146	16.1272	10.612262	1146.6	4095	3453	138.6	89.4	29	42	0	89.6	103.9
431.66666	3387.152	16.1272	10.603050	1146.6	4095	3457	139.4	89.4	29	42	0	89.6	103.9
432	3387.152	16.1272	10.615333	1146.6	4095	3457	137.5	88.9	29	42	0	89.6	103.9
432.33333	3346.661	16.1272	10.615333	1146.6	4095	3455	140.2	89.2	29	42	0	89.6	103.9
432.66666	3418.645	16.1272	10.609191	1146.6	4095	3456	138.2	89.2	29	42	0	89.6	103.9
433	3405.148	16.1272	10.612262	1146.6	4095	3454	137.9	89.1	29	42	0	89.6	103.8
433.33333	3391.651	16.1272	10.606121	1146.6	4095	3458	138.5	89.2	29	42	0	89.6	104
433.66666	3387.152	16.1272	10.618403	1146.6	4095	3456	139.6	89.4	29	43	0	89.6	103.9
434	3270.178	16.2736	10.711697	1146.6	4095	3457	141.1	89.5	29	43	0	89.6	103.9
434.33333	3454.637	15.9808	10.518969	1146.6	4095	3457	141	89.4	29	43	0	89.6	104
434.66666	3288.174	16.1272	10.615333	1146.6	4095	3457	140.9	89.2	29	43	0	89.6	103.9
435	3382.653	16.1272	10.615333	1146.6	4095	3454	140	89.4	29	43	0	89.6	103.8
435.33333	3274.677	15.9808	10.509840	1146.6	4095	3457	140.1	89.1	29	43	0	89.6	103.9
435.66666	3436.641	16.2736	10.711697	1146.6	4095	3456	138	89.2	29	44	0	89.6	103.8
436	3441.14	15.9808	10.518969	1146.6	4095	3455	139.3	89.4	29	44	0	89.6	103.9
436.33333	3337.663	16.1272	10.609191	1146.6	4095	3454	139	89.2	29	44	0	89.6	103.8
436.66666	3324.166	15.9808	10.509840	1146.6	4095	3456	139.6	89.2	29	44	0	89.6	103.8
437	3292.673	15.9808	10.515926	1146.6	4095	3457	139.4	89.4	29	44	0	89.6	103.9
437.33333	3481.631	15.9808	10.518969	1146.6	4095	3458	138.7	89.2	29	44	0	89.6	103.9
437.66666	3364.657	16.1272	10.618403	1146.6	4095	3457	137.9	89.1	29	44	0	89.6	103.9
438	3405.148	15.9808	10.518969	1146.6	4095	3457	140.9	89.4	29	44	0	89.6	103.9
438.33333	3396.15	15.9808	10.518969	1146.6	4095	3460	139	89.2	29	44	0	89.6	103.9
438.66666	3355.659	15.9808	10.528097	1146.6	4095	3457	138.8	89.2	29	44	0	89.6	103.9
439	3373.655	15.9808	10.518969	1146.6	4095	3456	143.4	89.4	29	44	0	89.6	103.9
439.33333	3391.651	15.8344	10.419589	1146.6	4095	3457	140.9	89.5	29	44	0	89.6	103.8
439.66666	3391.651	16.1272	10.615333	1146.6	4095	3455	140.3	89.4	29	44	0	89.6	103.9
440	3207.192	16.1272	10.609191	1146.6	4095	3457	139.4	89.4	29	44	0	89.6	103.9
440.33333	3364.657	16.1272	10.615333	1146.6	4095	3456	140.6	89.1	29	44	0	89.6	103.8
440.66666	3423.144	16.1272	10.612262	1146.6	4095	3455	140.5	89.4	29	44	0	89.6	103.9
441	3306.17	15.9808	10.512883	1146.6	4095	3458	140.2	89.5	29	44	0	89.6	103.9
441.33333	3319.667	16.1272	10.618403	1146.6	4095	3459	139.5	89.2	29	44	0	89.6	103.8
441.66666	3400.649	16.1272	10.621474	1146.6	4095	3458	140.8	89.1	29	44	0	89.6	104
442	3400.649	15.8344	10.425619	1146.6	4095	3457	138.5	89.4	29	44	0	89.6	103.9
442.33333	3378.154	16.1272	10.615333	1146.6	4095	3456	140.3	89.2	29	44	0	89.6	103.8
442.66666	3409.647	16.1272	10.612262	1146.6	4095	3456	141.1	89.5	29	44	0	89.6	103.9
443	3337.663	15.9808	10.515926	1146.6	4095	3454	139.3	89.4	29	44	0	89.6	103.9

443.33333	3382.653	16.1272	10.606121	1146.6	4095	3456	141.2	89.4	29	44	0	89.6	103.8
443.66666	3355.659	15.9808	10.515926	1146.6	4095	3458	140.4	89.2	29	44	0	89.6	103.9
444	3441.14	16.1272	10.618403	1146.6	4095	3454	141.8	89.2	29	44	0	89.6	103.8
444.33333	3360.158	16.1272	10.606121	1146.6	4095	3456	140	89.5	29	44	0	89.6	103.8
444.66666	3328.665	15.8344	10.419589	1146.6	4095	3459	140.5	89.4	29	44	0	89.6	103.9
445	3238.685	16.1272	10.621474	1146.6	4095	3457	139.1	89.1	29	44	0	89.6	103.9
445.33333	3355.659	16.1272	10.624545	1146.6	4095	3455	139.5	89.4	29	44	0	89.6	103.9
445.66666	3450.138	16.2736	10.705500	1146.6	4095	3459	139.5	89.2	29	44	0	89.6	103.9
446	3238.685	15.9808	10.525054	1146.6	4095	3459	139.3	89.4	29	44	0	89.6	103.9
446.33333	3238.685	15.9808	10.525054	1146.6	4095	3458	139.3	89.1	29	44	0	89	103.9
446.66666	3387.152	16.1272	10.618403	1146.6	4095	3460	140.6	89.4	29	44	0	89.6	103.9
447	3337.663	16.1272	10.624545	1146.6	4095	3459	139.9	89.1	29	44	0	89.6	103.9
447.33333	3351.16	16.1272	10.621474	1146.6	4095	3461	140	89.2	29	44	0	89.6	103.9
447.66666	3391.651	16.1272	10.627615	1146.6	4095	3457	140.4	89.2	29	44	0	89.6	103.9
448	3373.655	16.1272	10.615333	1146.6	4095	3454	140.3	89.2	29	44	0	89.6	103.8
448.33333	3391.651	16.1272	10.606121	1146.6	4095	3458	141.5	89.2	29	44	0	89.6	103.9
448.66666	3360.158	16.1272	10.618403	1146.6	4095	3461	140.7	89.4	29	44	0	89.6	104
449	3427.643	16.1272	10.627615	1146.6	4095	3460	139.3	89.2	29	44	0	89.6	103.9
449.33333	3342.162	16.1272	10.624545	1146.6	4095	3461	139.6	89.4	29	44	0	89.6	104
449.66666	3319.667	16.1272	10.627615	1146.6	4095	3462	139.6	89.4	29	44	0	89.6	104.1
450	3378.154	16.1272	10.630686	1146.6	4095	3460	139.7	89.5	29	44	0	89.6	103.9
450.33333	3508.625	15.9808	10.528097	1146.6	4095	3459	140.2	89.4	29	44	0	89.6	104
450.66666	3265.679	16.42	10.814314	1146.6	4095	3458	140.8	89.2	29	44	0	89.6	103.9
451	3423.144	15.9808	10.522011	1146.6	4095	3458	138.4	89.5	29	44	0	89.6	103.9
451.33333	3414.146	16.1272	10.618403	1146.6	4095	3464	139.3	89.4	29	44	0	89.6	104
451.66666	3373.655	16.2736	10.733387	1146.6	4095	3460	139.7	89.4	29	44	0	89.6	103.9
452	3405.148	16.1272	10.624545	1146.6	4095	3460	141.2	89.4	29	44	0	89.6	103.9
452.33333	3391.651	15.8344	10.431649	1146.6	4095	3459	139.1	89.5	29	44	0	89.6	104
452.66666	3378.154	16.1272	10.621474	1146.6	4095	3454	139.9	89.1	29	44	0	89.6	103.8
453	3418.645	15.9808	10.522011	1146.6	4095	3457	138.8	89.1	29	44	0	89.6	103.9
453.33333	3391.651	15.9808	10.518969	1146.6	4095	3463	140.3	89.1	29	44	0	89.6	103.9
453.66666	3405.148	15.9808	10.537225	1146.6	4095	3462	139.1	89.2	29	44	0	89.6	104
454	3328.665	15.9808	10.537225	1146.6	4095	3459	139.2	89.2	29	44	0	89.6	104
454.33333	3414.146	15.9808	10.525054	1146.6	4095	3463	138.4	89.5	29	44	0	89.6	104
454.66666	3234.186	16.1272	10.633757	1146.6	4095	3461	138.7	89.2	29	44	0	89.6	104
455	3360.158	16.1272	10.627615	1146.6	4095	3458	140	89.4	29	44	0	89.6	104.1
455.33333	3378.154	16.1272	10.618403	1146.6	4095	3458	139.5	89.2	29	44	0	89.6	103.9
455.66666	3234.186	16.1272	10.618403	1146.6	4095	3460	141.2	89.4	29	44	0	89.6	103.9

456	3369.156	16.1272	10.624545	1146.6	4095	3459	141	89.5	29	44	0	89.6	104
456.33333	3360.158	16.1272	10.621474	1146.6	4095	3459	140.2	89.4	29	44	0	89.6	103.9
456.66666	3342.162	16.1272	10.621474	1146.6	4095	3460	140.6	89.4	29	44	0	89.6	104
457	3526.621	16.1272	10.624545	1146.6	4095	3460	138.3	89.2	29	44	0	89.6	104
457.33333	3504.126	16.1272	10.624545	1146.6	4095	3458	136.4	89.5	29	44	0	89.6	103.9
457.66666	3355.659	15.9808	10.522011	1146.6	4095	3457	140.2	89.1	29	44	0	89.6	104
458	3337.663	15.8344	10.422604	1146.6	4095	3459	140.7	89.2	29	44	0	89.6	104
458.33333	3337.663	15.8344	10.422604	1146.6	4095	3463	140.7	89.5	29	44	0	89.6	104
458.66666	3450.138	15.9808	10.537225	1146.6	4095	3462	142	89.2	29	44	0	89.6	104.1
459	3364.657	15.9808	10.534183	1146.6	4095	3462	140.1	89.1	29	44	0	89.6	104.1
459.33333	3391.651	16.1272	10.630686	1146.6	4095	3463	139.8	89.4	29	44	0	89.6	104
459.66666	3409.647	16.1272	10.633757	1146.6	4095	3460	140.7	89.2	29	44	0	89.6	104.1
460	3414.146	15.9808	10.528097	1146.6	4095	3460	138.3	89.4	29	44	0	89.6	104
460.33333	3391.651	15.9808	10.528097	1146.6	4095	3460	140.4	89.2	29	44	0	89.6	104.1
460.66666	3378.154	15.9808	10.528097	1146.6	4095	3461	139	89.4	29	44	0	89.6	104.1
461	3387.152	16.1272	10.627615	1146.6	4095	3460	139.6	89.4	29	44	0	89.6	104
461.33333	3373.655	16.1272	10.624545	1146.6	4095	3458	139.5	89.4	29	44	0	89.6	103.9
461.66666	3396.15	16.2736	10.714796	1146.6	4095	3463	139.4	89.5	29	44	0	89.6	104.1
462	3360.158	15.9808	10.537225	1146.6	4095	3457	139.6	89.4	29	44	0	89.6	103.9
462.33333	3409.647	15.9808	10.518969	1146.6	4095	3462	140.5	89.2	29	44	0	89.6	104.1
462.66666	3391.651	15.9808	10.534183	1146.6	4095	3463	140.4	89.2	29	44	0	89.6	104.1
463	3360.158	16.1272	10.633757	1146.6	4095	3460	139.4	89.5	29	44	0	89.6	104
463.33333	3355.659	16.1272	10.624545	1146.6	4095	3464	140.7	89.2	29	44	0	89.6	104.1
463.66666	3355.659	16.1272	10.624545	1146.6	4095	3461	140.4	89.4	29	44	0	89.6	104
464	3324.166	15.8344	10.434664	1146.6	4095	3460	142	89.5	29	44	0	89.6	104.2
464.33333	3463.635	15.9808	10.528097	1146.6	4095	3464	138.7	89.2	29	44	0	89.6	104.2
464.66666	3562.613	16.1272	10.636828	1146.6	4095	3465	138.9	89.1	29	44	0	89.6	104
465	3481.631	16.1272	10.639898	1146.6	4095	3461	139.8	89.2	29	44	0	89.6	104.1
465.33333	3472.633	16.1272	10.627615	1146.6	4095	3460	139.8	89.4	29	44	0	89.6	104.1
465.66666	3481.631	16.1272	10.624545	1146.6	4095	3463	140	89.4	29	44	0	89.6	104
466	3396.15	16.1272	10.633757	1146.6	4095	3463	140.3	89.4	29	44	0	89.6	104
466.33333	3166.701	16.1272	10.633757	1146.6	4095	3462	138.7	89.2	29	44	0	89.6	104.1
466.66666	3288.174	16.1272	10.630686	1146.6	4095	3464	139.6	89.2	29	44	0	89.6	104.1
467	3373.655	16.1272	10.636828	1146.6	4095	3463	138.9	89.4	29	44	0	89.6	104.2
467.33333	3324.166	16.1272	10.633757	1146.6	4095	3460	138.4	89.2	29	44	0	89.6	104.1
467.66666	3468.134	15.8344	10.431649	1146.6	4095	3465	141.1	89.2	29	44	0	89.6	104.2
468	3441.14	16.1272	10.639898	1146.6	4095	3463	139	89.2	29	44	0	89.6	104.2
468.33333	3387.152	15.9808	10.537225	1146.6	4095	3458	139.7	89.2	29	44	0	89.6	104

468.66666	3342.162	16.1272	10.618403	1146.6	4095	3461	139.9	89.2	29	44	0	89.6	104.1
469	3436.641	15.9808	10.531140	1146.6	4095	3462	140	89.2	29	44	0	89.6	104.1
469.33333	3373.655	15.9808	10.534183	1146.6	4095	3463	138.9	89.1	29	44	0	89.6	104.1
469.66666	3427.643	16.1272	10.633757	1146.6	4095	3465	139.7	89.4	29	44	0	89.6	104.2
470	3229.687	15.9808	10.543311	1146.6	4095	3462	138.2	89.4	29	44	0	89.6	104
470.33333	3445.639	16.1272	10.630686	1146.6	4095	3462	140.1	89.2	29	44	0	89.6	104.1
470.66666	3391.651	16.1272	10.630686	1146.6	4095	3464	136.9	89.2	29	44	0	89.6	104.3
471	3360.158	16.1272	10.636828	1146.6	4095	3464	141	89.4	29	44	0	89.6	104.1
471.33333	3459.136	16.1272	10.636828	1146.6	4095	3461	138.7	89.4	29	44	0	89.6	104
471.66666	3324.166	16.2736	10.724091	1146.6	4095	3465	141.4	89.4	29	44	0	89.6	104.2
472	3499.627	15.9808	10.543311	1146.6	4095	3465	138.4	89.1	29	44	0	89.6	104.3
472.33333	3387.152	16.1272	10.642969	1146.6	4095	3462	138.6	89.4	29	44	0	89.6	104.2
472.66666	3477.132	16.1272	10.630686	1146.6	4095	3465	140	89.4	29	44	0	89.6	104.2
473	3531.12	16.1272	10.636828	1146.6	4095	3463	141.5	89.2	29	44	0	89.6	104.1
473.33333	3391.651	16.1272	10.633757	1146.6	4095	3465	139.6	89.4	29	44	0	89.6	104.1
473.66666	3378.154	15.8344	10.446724	1146.6	4095	3463	139.1	89.4	29	44	0	89.6	104.1
474	3391.651	16.42	10.823693	1146.6	4095	3464	140.7	89.2	29	44	0	89.6	104.1
474.33333	3373.655	15.9808	10.540268	1146.6	4095	3465	139.4	89.4	29	44	0	89.6	104.3
474.66666	3360.158	16.1272	10.639898	1146.6	4095	3463	141.3	89.2	29	45	0	89.6	104.3
475	3337.663	16.1272	10.633757	1146.6	4095	3466	139.7	89.2	29	45	0	89.6	104.2
475.33333	3373.655	16.1272	10.642969	1146.6	4095	3467	139.9	89.4	29	45	0	89.6	104.3
475.66666	3270.178	15.9808	10.549397	1146.6	4095	3464	140.7	89.4	29	45	0	89.6	104.1
476	3391.651	16.1272	10.633757	1146.6	4095	3464	138.8	89.2	29	46	0	89.6	104
476.33333	3373.655	16.1272	10.636828	1146.6	4095	3467	139.4	89.2	29	46	0	89.6	104.3
476.66666	3355.659	16.1272	10.646040	1146.6	4095	3463	141.4	89.1	29	46	0	89.6	104.1
477	3310.669	15.9808	10.537225	1146.6	4095	3464	139.5	89.2	29	46	0	89.6	104.2
477.33333	3391.651	16.1272	10.636828	1146.6	4095	3465	139.1	89.4	29	46	0	89.6	104.2
477.66666	3319.667	15.9808	10.543311	1146.6	4095	3462	139.3	89.1	29	46	0	89.6	104.2
478	3391.651	15.9808	10.534183	1146.6	4095	3463	139.4	89.2	29	46	0	89.6	104.3
478.33333	3445.639	16.2736	10.730288	1146.6	4095	3464	139.2	89.2	29	46	0	89.6	104.3
478.66666	3373.655	16.2736	10.733387	1146.6	4095	3466	140.1	89.4	29	46	0	89.6	104.1
479	3364.657	15.9808	10.546354	1146.6	4095	3465	139	89.2	29	46	0	89.6	104.3
479.33333	3369.156	16.1272	10.639898	1146.6	4095	3465	141.1	89.5	29	46	0	89.6	104.2
479.66666	3454.637	15.9808	10.543311	1146.6	4095	3462	138.8	89.5	29	46	0	89.6	104.1
480	3405.148	16.1272	10.630686	1146.6	4095	3466	139.4	89.4	29	46	0	89.6	104.3
480.33333	3396.15	16.1272	10.642969	1146.6	4095	3467	140.6	89.2	29	46	0	89.6	104.3
480.66666	3373.655	15.9808	10.549397	1146.6	4095	3466	141	89.4	29	46	0	89.6	104.3
481	3454.637	16.1272	10.642969	1146.6	4095	3464	138.4	89.4	29	46	0	89.6	104.3

481.33333	3427.643	15.9808	10.543311	1146.6	4095	3464	140.4	89.5	29	46	0	89	104.3
481.66666	3567.112	15.9808	10.540268	1146.6	4095	3466	139.8	89.2	29	46	0	89.6	104.2
482	3387.152	16.1272	10.642969	1146.6	4095	3464	139.6	89.5	29	46	0	89.6	104.1
482.33333	3283.675	16.1272	10.636828	1146.6	4095	3463	140.9	89.2	29	46	0	89.6	104.2
482.66666	3405.148	16.1272	10.633757	1146.6	4095	3465	138.8	89.2	29	46	0	89.6	104.1
483	3337.663	16.1272	10.639898	1146.6	4095	3465	139.7	89.4	29	46	0	89.6	104.1
483.33333	3409.647	15.9808	10.543311	1146.6	4095	3463	138.5	89.2	29	46	0	89.6	104.3
483.66666	3333.164	16.1272	10.633757	1146.6	4095	3465	139.8	89.2	29	46	0	89.6	104.1
484	3436.641	16.1272	10.639898	1146.6	4095	3465	140.2	89.5	29	46	0	89.6	104.2
484.33333	3427.643	15.9808	10.543311	1146.6	4095	3467	140.3	89.2	29	46	0	89.6	104.3
484.66666	3427.643	16.1272	10.646040	1146.6	4095	3467	139.3	89.2	29	46	0	89.6	104.2
485	3409.647	16.2736	10.742683	1146.6	4095	3462	138.8	89.2	29	46	0	89.6	104.3
485.33333	3396.15	15.9808	10.537225	1146.6	4095	3463	139.4	89.2	29	46	0	89.6	104.1
485.66666	3337.663	15.9808	10.537225	1146.6	4095	3465	140.5	89.2	29	46	0	89.6	104.3
486	3445.639	15.9808	10.543311	1146.6	4095	3468	139.3	89.4	29	46	0	89.6	104.3
486.33333	3315.168	16.1272	10.636828	1146.6	4095	3465	138.8	89.2	29	46	0	89.6	104.2
486.66666	3409.647	15.9808	10.543311	1146.6	4095	3463	138.2	89.2	29	46	0	89.6	104.1
487	3369.156	15.9808	10.537225	1146.6	4095	3467	141	89.4	29	46	0	89.6	104.3
487.33333	3391.651	15.9808	10.555482	1146.6	4095	3466	140	89.2	29	46	0	89.6	104.2
487.66666	3373.655	16.1272	10.642969	1146.6	4095	3467	139.1	89.4	29	46	0	89.6	104.3
488	3283.675	15.9808	10.549397	1146.6	4095	3470	136.7	89.2	29	46	0	89.6	104.3
488.33333	3351.16	16.1272	10.655252	1146.6	4095	3471	140.7	89.2	29	46	0	89.6	104.2
488.66666	3387.152	16.2736	10.755077	1146.6	4095	3468	140.4	89.4	29	46	0	89.6	104.4
489	3333.164	15.9808	10.552439	1146.6	4095	3470	140	89.5	29	46	0	89.6	104.3
489.33333	3400.649	16.1272	10.655252	1146.6	4095	3465	139.3	89.2	29	46	0	89.6	104.2
489.66666	3342.162	16.1272	10.639898	1146.6	4095	3466	139.9	89.2	29	46	0	89.6	104.3
490	3405.148	15.688	10.353124	1146.6	4095	3468	138.5	89.2	29	46	0	89.6	104.3
490.33333	3490.629	16.2736	10.745781	1146.6	4095	3464	139	89.4	29	46	0	89.6	104.2
490.66666	3229.687	16.1272	10.636828	1146.6	4095	3467	139.3	89.4	29	46	0	89.6	104.4
491	3396.15	15.9808	10.549397	1146.6	4095	3470	140.6	89.2	29	46	0	89.6	104.3
491.33333	3499.627	16.1272	10.655252	1146.6	4095	3463	141.1	89.2	29	46	0	89.6	104.3
491.66666	3432.142	15.9808	10.543311	1146.6	4095	3466	136.7	89.4	29	46	0	89.6	104.3
492	3297.172	15.9808	10.546354	1146.6	4095	3464	137.9	89.2	29	46	0	89.6	104.2
492.33333	3387.152	15.9808	10.540268	1146.6	4095	3465	140.2	89.4	29	46	0	89.6	104.2
492.66666	3387.152	15.9808	10.543311	1146.6	4095	3464	138.6	89.4	29	46	0	89.6	104.2
493	3409.647	15.9808	10.540268	1146.6	4095	3467	138.6	89.2	29	46	0	89.6	104.3
493.33333	3369.156	16.1272	10.646040	1146.6	4095	3466	140	89.2	29	46	0	89.6	104.3
493.66666	3531.12	15.9808	10.546354	1146.6	4095	3465	139.6	89.4	29	46	0	89.6	104.3

494	3346.661	16.1272	10.639898	1146.6	4095	3469	140.9	89.4	29	46	0	89.6	104.3
494.33333	3373.655	16.1272	10.652181	1146.6	4095	3465	138.5	89.2	29	46	0	89.6	104.3
494.66666	3396.15	15.9808	10.534183	1146.6	4095	3463	138.4	89.2	29	46	0	89.6	104.2
495	3382.653	15.9808	10.537225	1146.6	4095	3467	138.1	89.2	29	46	0	89.6	104.3
495.33333	3373.655	16.1272	10.646040	1146.6	4095	3464	141.5	89.4	29	46	0	89.6	104.3
495.66666	3387.152	16.1272	10.636828	1146.6	4095	3465	139.5	89.2	29	46	0	89.6	104.1
496	3342.162	15.9808	10.543311	1146.6	4095	3466	138.1	89.4	29	46	0	89.6	104.3
496.33333	3378.154	16.1272	10.642969	1146.6	4095	3466	140.7	89.2	29	46	0	89.6	104.3
496.66666	3378.154	16.1272	10.649110	1146.6	4095	3467	140.1	89.1	29	46	0	89.6	104.2
497	3301.671	16.1272	10.646040	1146.6	4095	3466	139.4	89.2	29	46	0	89.6	104.3
497.33333	3378.154	16.2736	10.739584	1146.6	4095	3468	139.5	89.2	29	46	0	89.6	104.3
497.66666	3423.144	16.2736	10.745781	1146.6	4095	3467	140.6	89.4	29	46	0	89.6	104.3
498	3445.639	15.9808	10.549397	1146.6	4095	3471	138.2	89.2	29	46	0	89.6	104.3
498.33333	3378.154	16.1272	10.658322	1146.6	4095	3469	140	89.4	30	46	0	89.6	104.3
498.66666	3364.657	16.1272	10.652181	1146.6	4095	3462	137.8	89.4	29	46	0	89.6	104.4
499	3414.146	16.1272	10.630686	1146.6	4095	3465	139.9	89.4	29	46	0	89.6	104.3
499.33333	3346.661	16.1272	10.639898	1146.6	4095	3465	140.5	89.5	30	46	0	89.6	104.2
499.66666	3427.643	16.2736	10.736485	1146.6	4095	3466	138.2	89.2	30	46	0	89.6	104.3
500	3378.154	15.9808	10.546354	1146.6	4095	3468	138.9	89.4	29	46	0	89.6	104.2
500.33333	3387.152	16.1272	10.649110	1146.6	4095	3466	141.8	89.5	29	46	0	89.6	104.2
500.66666	3283.675	16.1272	10.642969	1146.6	4095	3469	140.9	89.4	30	46	0	89.6	104.4
501	3382.653	16.1272	10.646040	1146.6	4095	3469	139.9	89.2	30	46	0	89.6	104.3
501.33333	3355.659	16.1272	10.652181	1146.6	4095	3466	140.6	89.2	30	46	0	89.6	104.3
501.66666	3445.639	16.2736	10.739584	1146.6	4095	3466	138.6	89.4	30	46	0	89.6	104.3
502	3396.15	16.2736	10.736485	1146.6	4095	3465	140.2	89.2	30	46	0	89.6	104.2
502.33333	3445.639	16.1272	10.639898	1146.6	4095	3466	141	89.2	30	46	0	89.6	104.3
502.66666	3405.148	15.9808	10.546354	1146.6	4095	3468	139.9	89.2	30	46	0	89.6	104.4
503	3364.657	15.8344	10.455769	1146.6	4095	3467	140	89.2	30	46	0	89.6	104.3
503.33333	3414.146	15.9808	10.549397	1146.6	4095	3467	139.1	89.5	30	46	0	89.6	104.3
503.66666	3391.651	16.1272	10.646040	1146.6	4095	3470	138.4	89.4	30	46	0	89.6	104.4
504	3378.154	16.1272	10.655252	1146.6	4095	3468	139.6	89.2	30	46	0	89.6	104.3
504.33333	3382.653	16.1272	10.649110	1146.6	4095	3465	140.9	89.2	30	46	0	89.6	104.3
504.66666	3432.142	16.1272	10.639898	1146.6	4095	3467	139.7	89.4	30	46	0	89.6	104.3
505	3288.174	16.1272	10.646040	1146.6	4095	3468	140.3	89.4	30	46	0	89.6	104.3
505.33333	3418.645	16.1272	10.649110	1146.6	4095	3465	139.3	89.4	30	46	0	89.6	104.4
505.66666	3328.665	16.1272	10.639898	1146.6	4095	3466	139.8	89.4	30	46	0	89.6	104.3
506	3396.15	16.1272	10.642969	1146.6	4095	3464	142.4	89.2	30	46	0	89.6	104.3
506.33333	3382.653	15.9808	10.540268	1146.6	4095	3466	140.7	89.2	30	46	0	89.6	104.3

506.66666	3432.142	16.1272	10.642969	1146.6	4095	3464	141.6	89.4	30	46	0	89.6	104.1
507	3427.643	16.1272	10.636828	1146.6	4095	3466	141	89.2	30	46	0	89.6	104.2
507.33333	3333.164	16.1272	10.646040	1146.6	4095	3468	139.2	89.1	30	46	0	89.6	104.3
507.66666	3310.669	16.1272	10.649110	1146.6	4095	3468	139.8	89.4	30	46	0	89.6	104.3
508	3342.162	16.1272	10.649110	1146.6	4095	3467	138.4	89.2	30	46	0	89.6	104.3
508.33333	3378.154	15.9808	10.543311	1146.6	4095	3470	138.6	89.1	30	46	0	89.6	104.3
508.66666	3391.651	16.1272	10.655252	1146.6	4095	3466	140.9	89.4	30	46	0	89.6	104.3
509	3400.649	16.1272	10.642969	1146.6	4095	3470	140.4	89.4	30	46	0	89.6	104.4
509.33333	3288.174	16.1272	10.652181	1146.6	4095	3471	140	89.4	30	46	0	89.6	104.3
509.66666	3364.657	15.9808	10.561568	1146.6	4095	3465	139.3	89.1	30	46	0	89.6	104.2
510	3427.643	15.9808	10.543311	1146.6	4095	3471	140.3	89.2	30	46	0	89.6	104.3
510.33333	3468.134	16.1272	10.646040	1146.6	4095	3468	138	89.2	30	46	0	89.6	104.3
510.66666	3360.158	16.1272	10.649110	1146.6	4095	3466	139.8	89.4	30	46	0	89.6	104.3
511	3378.154	15.9808	10.546354	1146.6	4095	3471	140.1	89.2	30	46	0	89.6	104.3
511.33333	3445.639	16.1272	10.658322	1146.6	4095	3470	140.9	89.1	30	46	0	89.6	104.3
511.66666	3382.653	16.1272	10.655252	1146.6	4095	3469	138.9	89.2	30	46	0	89.6	104.4
512	3432.142	16.2736	10.748880	1146.6	4095	3472	142.1	89.2	30	46	0	89.6	104.4
512.33333	3441.14	16.1272	10.658322	1146.6	4095	3466	141.2	89.2	30	46	0	89.6	104.3
512.66666	3364.657	16.1272	10.642969	1146.6	4095	3469	140.6	89.4	30	46	0	89.6	104.5
513	3369.156	16.1272	10.652181	1146.6	4095	3471	141	89.1	30	46	0	89.6	104.5
513.33333	3414.146	16.1272	10.658322	1146.6	4095	3468	139.9	89.4	30	46	0	89.6	104.3
513.66666	3414.146	15.9808	10.658322	1146.6	4095	3469	139.3	89.2	30	46	0	89.6	104.5
514	3243.184	16.1272	10.652181	1146.6	4095	3470	139.2	89.2	30	46	0	89.6	104.4
514.33333	3396.15	16.2736	10.751978	1146.6	4095	3470	140.4	89.4	30	46	0	89.6	104.4
514.66666	3382.653	16.1272	10.655252	1146.6	4095	3468	140.8	89.1	30	46	0	89	104.3
515	3477.132	16.1272	10.649110	1146.6	4095	3466	141	89.2	30	46	0	89.6	104.3
515.33333	3364.657	16.1272	10.642969	1146.6	4095	3470	137.6	89.4	30	46	0	89.6	104.3
515.66666	3319.667	16.1272	10.649110	1146.6	4095	3466	139.8	89.4	30	46	0	89.6	104.4
516	3288.174	16.1272	10.642969	1146.6	4095	3468	139.1	89.2	30	46	0	89.6	104.3
516.33333	3337.663	16.1272	10.649110	1146.6	4095	3467	139.2	89.2	30	46	0	89.6	104.4
516.66666	3274.677	16.1272	10.652181	1146.6	4095	3469	140.6	89.2	30	46	0	89.6	104.3
517	3576.11	16.2736	10.748880	1146.6	4095	3466	139	89.4	30	46	0	89.6	104.3
517.33333	3387.152	16.1272	10.642969	1146.6	4095	3469	139.2	89.2	30	46	0	89.6	104.3
517.66666	3454.637	16.1272	10.652181	1146.6	4095	3470	139.1	89.2	30	46	0	89.6	104.4
518	3459.136	16.1272	10.655252	1146.6	4095	3468	139.4	89.2	30	47	0	89.6	104.4
518.33333	3387.152	16.1272	10.649110	1146.6	4095	3473	140.8	89.2	30	47	0	89.6	104.6
518.66666	3328.665	15.9808	10.567653	1146.6	4095	3470	141	89.4	30	47	0	89.6	104.3
519	3504.126	16.1272	10.655252	1146.6	4095	3469	139.3	89.4	30	47	0	89.6	104.3

519.33333	3427.643	16.1272	10.652181	1146.6	4095	3473	139.2	89.2	30	47	0	89.6	104.5
519.66666	3373.655	16.1272	10.664464	1146.6	4095	3470	139.6	89.4	30	47	0	89.6	104.3
520	3346.661	16.1272	10.655252	1146.6	4095	3468	140.7	89.4	30	47	0	89.6	104.3
520.33333	3409.647	16.1272	10.649110	1146.6	4095	3472	141.2	89.4	30	48	0	89.6	104.5
520.66666	3346.661	16.1272	10.661393	1146.6	4095	3469	137.6	89.4	30	48	0	89.6	104.3
521	3387.152	16.1272	10.652181	1146.6	4095	3467	139.5	89.4	30	48	0	89.6	104.3
521.33333	3405.148	16.1272	10.639898	1146.6	4095	3469	140.6	89.4	30	48	0	89.6	104.3
521.66666	3342.162	15.9808	10.555482	1146.6	4095	3467	139.5	89.4	30	48	0	89.6	104.3
522	3333.164	16.42	10.839325	1146.6	4095	3470	139.5	89.4	30	48	0	89.6	104.3
522.33333	3414.146	16.1272	10.652181	1146.6	4095	3470	140.6	89.4	30	48	0	89.6	104.3
522.66666	3351.16	16.1272	10.655252	1146.6	4095	3470	139.3	89.2	30	48	0	89.6	104.3
523	3486.13	16.1272	10.655252	1146.6	4095	3469	140.6	89.2	30	48	0	89.6	104.4
523.33333	3436.641	16.1272	10.652181	1146.6	4095	3467	140.6	89.2	30	49	0	89.6	104.3
523.66666	3535.619	16.1272	10.646040	1146.6	4095	3468	138.9	89.4	30	49	0	89.6	104.2
524	3459.136	16.1272	10.649110	1146.6	4095	3468	138.4	89.1	30	49	0	89.6	104.3
524.33333	3378.154	16.1272	10.649110	1146.6	4095	3471	139.5	89.2	30	49	0	89.6	104.4
524.66666	3396.15	16.1272	10.652181	1146.6	4095	3466	137.8	89.4	30	49	0	89.6	104.2
525	3373.655	16.1272	10.642969	1146.6	4095	3467	140.6	89.2	30	49	0	89.6	104.2
525.33333	3364.657	16.1272	10.646040	1146.6	4095	3468	141.2	89.2	30	49	0	89.6	104.3
525.66666	3499.627	15.9808	10.564611	1146.6	4095	3467	139.5	89.4	30	49	0	89.6	104.3
526	3400.649	16.1272	10.646040	1146.6	4095	3470	139.4	89.4	30	49	0	89.6	104.3
526.33333	3513.124	16.1272	10.655252	1146.6	4095	3469	141	89.4	30	49	0	89.6	104.2
526.66666	3396.15	15.9808	10.555482	1146.6	4095	3467	138.4	89.4	30	49	0	89.6	104.3
527	3391.651	15.9808	10.549397	1146.6	4095	3468	139.4	89.4	30	49	0	89.6	104.3
527.33333	3387.152	15.8344	10.455769	1146.6	4095	3470	139.9	89.2	30	49	0	89.6	104.3
527.66666	3396.15	16.2736	10.751978	1146.6	4095	3467	139.3	89.2	30	49	0	89.6	104.4
528	3418.645	15.9808	10.549397	1146.6	4095	3468	140.7	89.2	30	49	0	89.6	104.3
528.33333	3337.663	16.1272	10.649110	1146.6	4095	3470	140	89.2	30	49	0	89.6	104.3
528.66666	3391.651	16.1272	10.655252	1146.6	4095	3470	139.9	89.4	30	49	0	89.6	104.3
529	3432.142	16.1272	10.655252	1146.6	4095	3471	140.2	89.4	30	49	0	89.6	104.3
529.33333	3360.158	16.1272	10.658322	1146.6	4095	3469	139.2	89.2	30	49	0	89.6	104.3
529.66666	3387.152	16.1272	10.652181	1146.6	4095	3469	138.7	89.4	30	49	0	89.6	104.3
530	3391.651	16.1272	10.652181	1146.6	4095	3472	139.8	89.2	30	49	0	89.6	104.4
530.33333	3310.669	15.9808	10.564611	1146.6	4095	3471	140.4	89.2	30	49	0	89.6	104.3
530.66666	3391.651	16.1272	10.658322	1146.6	4095	3471	140.4	89.2	30	49	0	89.6	104.3
531	3396.15	16.1272	10.658322	1146.6	4095	3468	139.9	89.4	30	49	0	89.6	104.3
531.33333	3405.148	16.1272	10.649110	1146.6	4095	3467	140.5	89.5	30	49	0	89.6	104.3
531.66666	3414.146	16.1272	10.646040	1146.6	4095	3470	140.4	89.4	30	49	0	89.6	104.4

532	3400.649	15.9808	10.558525	1146.6	4095	3469	139.3	89.2	30	49	0	89.6	104.3
532.33333	3400.649	16.1272	10.652181	1146.6	4095	3468	140	89.2	30	49	0	89.6	104.3
532.66666	3400.649	16.1272	10.649110	1146.6	4095	3472	141.2	89.2	30	49	0	89.6	104.4
533	3279.176	16.2736	10.751978	1146.6	4095	3473	137.8	89.4	30	49	0	89.6	104.3
533.33333	3364.657	15.9808	10.567653	1146.6	4095	3472	141.5	89.2	30	49	0	89.6	104.3
533.66666	3405.148	16.1272	10.661393	1146.6	4095	3472	142.3	89.4	30	49	0	89.6	104.4
534	3382.653	16.1272	10.655252	1146.6	4095	3469	140	89.4	30	49	0	89.6	104.4
534.33333	3409.647	16.2736	10.748880	1146.6	4095	3466	138.3	89.2	30	49	0	89.6	104.3
534.66666	3436.641	16.1272	10.642969	1146.6	4095	3471	138.6	89.2	30	49	0	89.6	104.4
535	3234.186	16.1272	10.658322	1146.6	4095	3471	138.5	89.2	30	49	0	89.6	104.3
535.33333	3396.15	16.1272	10.658322	1146.6	4095	3471	138.4	89.4	30	49	0	89.6	104.3
535.66666	3445.639	16.1272	10.658322	1146.6	4095	3473	140.3	89.2	30	49	0	89.6	104.5
536	3427.643	16.1272	10.664464	1146.6	4095	3473	140.6	89.5	30	49	0	89.6	104.3
536.33333	3396.15	16.2736	10.761274	1146.6	4095	3469	141.2	89.2	30	49	0	89.6	104.3
536.66666	3423.144	16.1272	10.652181	1146.6	4095	3471	138.1	89.4	30	49	0	89.6	104.4
537	3414.146	16.2736	10.755077	1146.6	4095	3470	141	89.2	30	49	0	89.6	104.3
537.33333	3355.659	16.1272	10.655252	1146.6	4095	3468	138.4	89.4	30	49	0	89.6	104.3
537.66666	3256.681	16.1272	10.649110	1146.6	4095	3470	140.2	89.4	30	49	0	89.6	104.3
538	3400.649	16.1272	10.655252	1146.6	4095	3468	139.6	89.2	30	49	0	89.6	104.3
538.33333	3373.655	16.1272	10.649110	1146.6	4095	3468	139	89.4	30	49	0	89.6	104.3
538.66666	3364.657	15.8344	10.455769	1146.6	4095	3469	139.9	89.4	30	49	0	89.6	104.3
539	3373.655	16.1272	10.652181	1146.6	4095	3470	139.5	89.4	30	49	0	89.6	104.3
539.33333	3355.659	16.1272	10.658322	1146.6	4095	3471	138.6	89.2	30	49	0	89.6	104.3
539.66666	3378.154	15.9808	10.561568	1146.6	4095	3472	139.4	89.4	30	49	0	89.6	104.3
540	3445.639	15.9808	10.564611	1146.6	4095	3466	139.1	89.2	30	49	0	89.6	104.3
540.33333	3418.645	16.1272	10.639898	1146.6	4095	3466	139.5	89.2	30	49	0	89.6	104.3
540.66666	3414.146	16.1272	10.642969	1146.6	4095	3467	138.5	89.4	30	49	0	89.6	104.3
541	3391.651	16.2736	10.742683	1146.6	4095	3468	139.5	89.4	30	49	0	89.6	104.3
541.33333	3378.154	16.1272	10.649110	1146.6	4095	3467	139.5	89.2	30	49	0	89.6	104.3
541.66666	3477.132	16.1272	10.646040	1146.6	4095	3465	140.8	89.2	30	49	0	89.6	104.3
542	3400.649	15.9808	10.543311	1146.6	4095	3467	140.5	89.4	30	49	0	89.6	104.3
542.33333	3423.144	16.1272	10.646040	1146.6	4095	3465	140	89.4	30	49	0	89.6	104.3
542.66666	3472.633	16.1272	10.639898	1146.6	4095	3466	140.5	89.4	30	49	0	89.6	104.2
543	3351.16	16.1272	10.642969	1146.6	4095	3463	139.4	89.4	30	49	0	89.6	104.3
543.33333	3252.182	16.1272	10.633757	1146.6	4095	3469	138	89.4	30	49	0	89.6	104.3
543.66666	3346.661	16.1272	10.652181	1146.6	4095	3469	139.9	89.2	30	49	0	89.6	104.2
544	3490.629	15.9808	10.555482	1146.6	4095	3468	140.2	89.2	30	49	0	89.6	104.3
544.33333	3409.647	16.42	10.842452	1146.6	4095	3468	139.7	89.4	30	49	0	89.6	104.3

544.66666	3436.641	16.1272	10.649110	1146.6	4095	3463	139.9	89.2	30	49	0	89.6	104.1
545	3288.174	16.1272	10.633757	1146.6	4095	3465	139.8	89.2	30	49	0	89.6	104.3
545.33333	3333.164	15.9808	10.543311	1146.6	4095	3469	140.5	89.4	30	49	0	89.6	104.3
545.66666	3360.158	16.1272	10.652181	1146.6	4095	3468	140.7	89.4	30	49	0	89.6	104.3
546	3486.13	15.9808	10.552439	1146.6	4095	3465	139.9	89.4	30	49	0	89.6	104.4
546.33333	3378.154	15.9808	10.543311	1146.6	4095	3466	138.8	89.2	30	49	0	89.6	104.3
546.66666	3391.651	16.1272	10.642969	1146.6	4095	3464	140.6	89.2	30	49	0	89.6	104.3
547	3315.168	16.1272	10.636828	1146.6	4095	3465	140.9	89.2	30	49	0	89.6	104.3
547.33333	3391.651	16.1272	10.639898	1146.6	4095	3467	140.3	89.2	30	49	0	89.6	104.3
547.66666	3378.154	16.1272	10.646040	1146.6	4095	3464	138.7	89.2	30	49	0	89.6	104.1
548	3328.665	16.2736	10.733387	1146.6	4095	3466	140.7	89.2	30	49	0	89.6	104.3
548.33333	3382.653	16.2736	10.739584	1146.6	4095	3468	141.6	89.4	30	49	0	89.6	104.2
548.66666	3445.639	16.1272	10.649110	1146.6	4095	3465	140	89.4	30	49	0	89.6	104.2
549	3364.657	15.9808	10.543311	1146.6	4095	3467	139.9	89.2	30	49	0	89.6	104.3
549.33333	3360.158	15.9808	10.549397	1146.6	4095	3467	138.2	89.2	30	49	0	89.6	104.3
549.66666	3382.653	16.1272	10.639898	1146.6	4095	3466	141.3	89.2	30	49	0	89.6	104.3
550	3391.651	16.1272	10.642969	1146.6	4095	3468	140.7	89.1	30	49	0	89.6	104.4
550.33333	3396.15	16.1272	10.649110	1146.6	4095	3469	141	89.4	30	49	0	89.6	104.4
550.66666	3364.657	16.1272	10.652181	1146.6	4095	3467	139.9	89.4	30	49	0	89.6	104.3
551	3409.647	16.1272	10.646040	1146.6	4095	3466	139.1	89.1	30	49	0	89.6	104.4
551.33333	3409.647	15.9808	10.546354	1146.6	4095	3471	139.2	89.2	30	49	0	89.6	104.3
551.66666	3387.152	16.2736	10.755077	1146.6	4095	3468	138.5	89.2	30	49	0	89.6	104.4
552	3468.134	16.1272	10.649110	1146.6	4095	3472	139.6	89.4	30	49	0	89.6	104.5
552.33333	3292.673	16.1272	10.661393	1146.6	4095	3471	139.2	89.1	30	49	0	89.6	104.4
552.66666	3517.623	16.1272	10.658322	1146.6	4095	3468	139.1	89.2	30	49	0	89.6	104.3
553	3373.655	16.1272	10.649110	1146.6	4095	3471	140.4	89.4	30	49	0	89.6	104.4
553.33333	3252.182	16.1272	10.658322	1146.6	4095	3465	141	89.4	30	49	0	89.6	104.3
553.66666	3270.178	16.1272	10.639898	1146.6	4095	3466	139	89.2	30	49	0	89.6	104.3
554	3396.15	16.1272	10.642969	1146.6	4095	3473	137.3	89.4	30	49	0	89.6	104.4
554.33333	3414.146	16.1272	10.664464	1146.6	4095	3470	138.5	89.5	30	49	0	89.6	104.4
554.66666	3373.655	16.1272	10.655252	1146.6	4095	3467	137.4	89.4	30	49	0	89.6	104.4
555	3432.142	16.1272	10.646040	1146.6	4095	3471	139	89.4	30	49	0	89.6	104.3
555.33333	3364.657	16.1272	10.655252	1146.6	4095	3470	139.3	89.4	30	49	0	89	104.3
555.66666	3459.136	16.1272	10.655252	1146.6	4095	3470	140.5	89.2	30	49	0	89.6	104.4
556	3391.651	16.42	10.848705	1146.6	4095	3467	140.8	89.2	30	49	0	89.6	104.4
556.33333	3342.162	16.1272	10.646040	1146.6	4095	3470	139.3	89.4	30	49	0	89.6	104.3
556.66666	3441.14	16.1272	10.655252	1146.6	4095	3471	139.7	89.1	30	49	0	89.6	104.3
557	3378.154	16.1272	10.658322	1146.6	4095	3467	142	89.4	30	49	0	89.6	104.3

557.33333	3486.13	16.1272	10.646040	1146.6	4095	3468	138.9	89.2	30	49	0	89.6	104.3
557.66666	3274.677	16.1272	10.649110	1146.6	4095	3470	139.3	89.2	30	49	0	89.6	104.4
558	3436.641	16.1272	10.649110	1146.6	4095	3470	137.9	89.4	30	49	0	89.6	104.4
558.33333	3396.15	16.1272	10.655252	1146.6	4095	3468	140.1	89.2	30	49	0	89.6	104.3
558.66666	3306.17	16.2736	10.745781	1146.6	4095	3468	139.7	89.2	30	49	0	89.6	104.3
559	3405.148	16.1272	10.649110	1146.6	4095	3468	141.6	89.2	30	49	0	89.6	104.3
559.33333	3301.671	16.1272	10.649110	1146.6	4095	3468	139.5	89.4	30	49	0	89.6	104.3
559.66666	3400.649	16.2736	10.742683	1146.6	4095	3468	138.8	89.4	30	49	0	89.6	104.4
560	3445.639	16.1272	10.649110	1146.6	4095	3470	140.1	89.1	30	49	0	89.6	104.3
560.33333	3369.156	16.1272	10.655252	1146.6	4095	3469	138.3	89.2	30	49	0	89.6	104.3
560.66666	3508.625	16.1272	10.652181	1146.6	4095	3470	139.1	89.4	30	49	0	89.6	104.4
561	3513.124	16.1272	10.655252	1146.6	4095	3466	139.1	89.2	30	49	0	89.6	104.4
561.33333	3351.16	16.1272	10.642969	1146.6	4095	3467	139	89.4	30	49	0	89.6	104.3
561.66666	3351.16	15.9808	10.549397	1146.6	4095	3470	141.2	89.4	30	49	0	89.6	104.4
562	3391.651	16.1272	10.655252	1146.6	4095	3472	140.1	89.2	30	49	0	89.6	104.5
562.33333	3301.671	16.1272	10.661393	1146.6	4095	3468	141.5	89.2	30	49	0	89.6	104.3
562.66666	3423.144	16.1272	10.649110	1146.6	4095	3475	140.7	89.4	30	49	0	89.6	104.5
563	3364.657	16.1272	10.670605	1146.6	4095	3474	141.4	89.2	30	49	0	89.6	104.6
563.33333	3396.15	16.1272	10.667534	1146.6	4095	3475	139.2	89.2	30	49	0	89.6	104.8
563.66666	3427.643	16.1272	10.670605	1146.6	4095	3474	141.5	89.2	30	49	0	89.6	104.6
564	3378.154	16.1272	10.664464	1146.6	4095	3473	140.6	89.2	30	49	0	89.6	104.5
564.33333	3373.655	15.9808	10.567653	1146.6	4095	3474	139.5	89.2	30	50	0	89.6	104.5
564.66666	3391.651	16.1272	10.667534	1146.6	4095	3476	139.5	89.2	30	50	0	89.6	104.4
565	3441.14	16.1272	10.673676	1146.6	4095	3468	139.1	89.2	30	50	0	89.6	104.5
565.33333	3409.647	16.1272	10.649110	1146.6	4095	3472	141.6	89.2	30	50	0	89.6	104.5
565.66666	3396.15	16.1272	10.661393	1146.6	4095	3473	140.5	89.2	30	50	0	89.6	104.5
566	3355.659	16.1272	10.664464	1146.6	4095	3471	139.8	89.2	30	50	0	89.6	104.5
566.33333	3414.146	16.1272	10.658322	1146.6	4095	3472	137.6	89.2	30	51	0	89.6	104.5
566.66666	3535.619	16.1272	10.661393	1146.6	4095	3473	139.6	89.2	30	51	0	89.6	104.5
567	3346.661	16.1272	10.664464	1146.6	4095	3470	139.2	89.4	30	51	0	89.6	104.4
567.33333	3436.641	16.1272	10.655252	1146.6	4095	3470	140.9	89.2	30	51	0	89.6	104.4
567.66666	3360.158	16.1272	10.649110	1146.6	4095	3477	140.2	89.4	30	51	0	89.6	104.5
568	3373.655	16.1272	10.676746	1146.6	4095	3473	140.6	89.4	30	51	0	89.6	104.6
568.33333	3274.677	15.9808	10.567653	1146.6	4095	3473	138	89.2	30	51	0	89.6	104.4
568.66666	3270.178	16.2736	10.761274	1146.6	4095	3472	140.1	89.2	30	51	0	89.6	104.5
569	3400.649	16.1272	10.661393	1146.6	4095	3473	139.2	89.2	30	51	0	89.6	104.6
569.33333	3396.15	16.1272	10.667534	1146.6	4095	3474	139.5	89.4	30	51	0	89	104.5
569.66666	3396.15	16.1272	10.667534	1146.6	4095	3475	139.9	89.4	30	51	0	89.6	104.6

570	3400.649	16.1272	10.670605	1146.6	4095	3474	139.7	89.2	30	51	0	89.6	104.6
570.33333	3310.669	16.1272	10.667534	1146.6	4095	3468	140.1	89.4	30	51	0	89.6	104.6
570.66666	3477.132	15.9808	10.552439	1146.6	4095	3475	140.3	89.2	30	51	0	89.6	104.4
571	3432.142	16.1272	10.667534	1146.6	4095	3473	139.4	89.1	30	51	0	89.6	104.6
571.33333	3364.657	16.1272	10.664464	1146.6	4095	3471	140.6	89.4	30	51	0	89.6	104.6
571.66666	3427.643	16.1272	10.658322	1146.6	4095	3472	139.8	89.2	30	51	0	89.6	104.4
572	3387.152	16.1272	10.661393	1146.6	4095	3474	139.4	89.1	30	51	0	89.6	104.5
572.33333	3382.653	16.1272	10.667534	1146.6	4095	3471	140.2	89.5	30	51	0	89.6	104.5
572.66666	3346.661	16.1272	10.658322	1146.6	4095	3474	139.5	89.1	30	51	0	89.6	104.5
573	3436.641	15.9808	10.570696	1146.6	4095	3476	140.5	89.2	30	51	0	89.6	104.6
573.33333	3301.671	16.1272	10.673676	1146.6	4095	3472	138	89.4	30	51	0	89.6	104.6
573.66666	3360.158	16.1272	10.661393	1146.6	4095	3473	138.9	89.2	30	51	0	89.6	104.5
574	3409.647	16.1272	10.664464	1146.6	4095	3475	141.1	89.4	30	51	0	89.6	104.6
574.33333	3418.645	15.9808	10.564611	1146.6	4095	3472	138.5	89.2	30	51	0	89.6	104.5
574.66666	3549.116	16.1272	10.661393	1146.6	4095	3472	141.8	89.2	30	51	0	89.6	104.6
575	3400.649	16.2736	10.758175	1146.6	4095	3475	139.8	89.4	30	51	0	89.6	104.6
575.33333	3418.645	16.1272	10.670605	1146.6	4095	3478	139.5	89.4	30	51	0	89.6	104.6
575.66666	3405.148	16.1272	10.679817	1146.6	4095	3475	139.3	89.2	30	51	0	89.6	104.6
576	3405.148	16.1272	10.670605	1146.6	4095	3473	141.7	89.4	30	51	0	89.6	104.5
576.33333	3396.15	15.9808	10.567653	1146.6	4095	3473	142.2	89.4	30	51	0	89.6	104.5
576.66666	3306.17	15.9808	10.567653	1146.6	4095	3476	139	89.2	30	51	0	89.6	104.6
577	3301.671	15.9808	10.576782	1146.6	4095	3472	137.5	89.2	30	51	0	89.6	104.6
577.33333	3373.655	16.1272	10.661393	1146.6	4095	3474	139.1	89.4	30	51	0	89.6	104.5
577.66666	3328.665	16.1272	10.667534	1146.6	4095	3475	138.7	89.2	30	51	0	89.6	104.6
578	3405.148	16.1272	10.670605	1146.6	4095	3476	140.6	89.4	30	51	0	89.6	104.6
578.33333	3292.673	16.2736	10.770569	1146.6	4095	3475	139.7	89.2	30	51	0	89.6	104.6
578.66666	3436.641	16.1272	10.670605	1146.6	4095	3474	139.1	89.4	30	51	0	89.6	104.6
579	3427.643	16.1272	10.670605	1146.6	4095	3474	140	89.4	30	51	0	89.6	104.5
579.33333	3360.158	16.1272	10.667534	1105.65	4095	3429	132.5	89.4	30	51	0	89.6	100.8
579.66666	3211.691	15.2488	9.9558520	1064.7	4095	3306	125.3	89.4	30	51	0	89.6	88.6
580	3189.196	14.5168	9.0356853	1064.7	4095	3181	126.1	89.4	30	51	0	89.6	82.2
580.33333	3094.717	13.6384	8.2604246	1023.75	4095	3088	116.8	89.4	30	51	0	89.6	77.9
580.66666	3189.196	12.6136	7.4163741	982.8	4095	2926	110.3	89.5	30	51	0	89.6	65.3
581	2788.785	11.5888	6.3592767	941.85	4095	2749	101.9	89.5	30	51	0	89.6	56.5
581.33333	2734.797	9.9784	5.2228906	900.9	4095	2557	94.7	89.5	30	51	0	89.6	45.6
581.66666	2505.348	8.9536	4.3591689	859.95	4095	2363	85.6	89.5	30	51	0	89.6	38
582	2352.382	7.636	3.4356184	859.95	4095	2238	84.4	89.7	30	51	0	89.6	32.6
582.33333	2329.887	7.0504	3.0043402	859.95	4095	2193	84.7	89.5	30	51	0	89.6	30.8

582.66666	2203.915	6.904	2.8828012	859.95	4095	2171	85.3	89.7	30	51	0	89.6	30.2
583	2235.408	6.6112	2.7328475	859.95	4095	2163	83.7	89.7	30	51	0	89.6	29.8
583.33333	2185.919	6.4648	2.6624833	819	4095	2085	78.2	89.7	30	51	0	89.6	27.6
583.66666	2167.923	6.172	2.4502322	737.1	4095	1857	60.8	89.7	30	51	0	89.6	21.7
584	1808.003	5.0008	1.7681808	696.15	4095	1567	48.7	89.7	30	51	0	89.6	12.5
584.33333	1614.546	3.976	1.1862894	655.2	4095	1273	38.1	89.7	30	51	0	89.6	7.6
584.66666	1362.602	2.8048	0.6798382	655.2	4095	1033	37.3	89.7	30	51	0	89.6	4.2
585	1106.159	2.8048	0.5516676	614.25	4095	762	47.6	89.7	30	51	0	89.6	3.4
585.33333	399.816	2.2192	0.3219783	573.3	4095	667	51.1	89.7	30	51	0	89.6	3.8
585.66666	246.85	2.512	0.3190220	532.35	4095	620	49.3	89.7	30	51	0	89.6	3.7
586	269.345	2.512	0.2965422	491.4	4095	533	47.6	89.7	30	51	0	89.6	3.3
586.33333	210.858	2.3656	0.2400732	450.45	4095	449	47.4	89.7	30	51	0	89.6	2.8
586.66666	165.868	2.6584	0.2196773	409.5	4095	418	50.9	89.7	30	51	0	89.6	2.6
587	188.363	2.2192	0.1766233	409.5	4095	354	48.3	89.7	30	51	0	89.6	2.3
587.33333	210.858	2.2192	0.1470452	409.5	4095	343	52.4	89.7	30	51	0	89.6	2.5
587.66666	192.862	2.512	0.1640548	368.55	4095	315	46.8	89.8	30	51	0	89.6	2.2
588	201.86	2.2192	0.1331012	81.9	4095	78	14.9	89.7	30	51	0	89.6	1.2
588.33333	192.862	0.9016	0.0042916	40.95	4095	0	11	89.7	30	51	0	89.6	0.2
588.66666	165.868	-0.1232	0	40.95	4095	0	9.6	89.7	30	51	0	89.6	0.2
589	53.393	-0.2696	0	40.95	4095	0	9.6	89.8	30	51	0	89.6	0.2
589.33333	192.862	0.0232	0	40.95	4095	0	10.3	89.7	30	51	0	89.6	0.2
589.66666	188.363	-0.2696	0	40.95	4095	0	9	89.8	30	51	0	89.6	0.2
590	183.864	-0.2696	0	0	4095	0	4.1	89.8	30	51	0	89.6	0.2
590.33333	287.341	0.1696	0	0	4095	0	3	89.8	30	51	0	89.6	0.3
590.66666	201.86	-0.1232	0	0	4095	0	3.9	89.7	30	51	0	89.6	0.3
591	192.862	-0.2696	0	0	4095	0	2.9	89.8	30	51	0	89.6	0.3
591.33333	224.355	-0.2696	0	0	4095	0	2.3	89.7	30	51	0	89.6	0.3
591.66666	188.363	-0.2696	0	0	4095	0	2.3	89.7	30	51	0	89.6	0.3
592	183.864	-0.2696	0	0	4095	0	3.7	89.8	30	51	0	89.6	0.3
592.33333	197.361	0.0232	0	0	4095	0	2.9	89.8	30	51	0	89.6	0.3
592.66666	206.359	-0.416	0	0	4095	0	2.8	89.7	30	51	0	89.6	0.3
593	210.858	-0.1232	0	0	4095	0	2.4	89.7	30	51	0	89.6	0.3
593.33333	174.866	0.0232	0	0	4095	0	2.9	89.7	30	51	0	89.6	0.3
593.66666	197.361	-0.2696	0	0	4095	0	3	89.7	30	51	0	89.6	0.3
594	201.86	-0.1232	0	0	4095	0	3.1	89.7	30	51	0	89.6	0.3
594.33333	260.347	-0.2696	0	0	4095	0	3.2	89.8	30	51	0	89.6	0.3
594.66666	197.361	-0.2696	0	0	4095	0	2.7	89.7	30	51	0	89.6	0.3
595	188.363	-0.1232	0	0	4095	0	2.7	89.7	30	51	0	89.6	0.3

595.33333	210.858	-0.2696	0	0	4095	0	3.1	89.7	30	51	0	89.6	0.3
595.66666	197.361	-0.1232	0	0	4095	0	2.5	89.7	30	51	0	89.6	0.2
596	188.363	-0.2696	0	0	4095	0	3.5	89.8	30	51	0	89.6	0.3
596.33333	62.391	-0.2696	0	0	4095	0	3.7	89.7	30	51	0	89.6	0.3
596.66666	-41.086	-0.2696	0	0	4095	0	3.3	89.8	30	51	0	89.6	0.3
597	206.359	-0.2696	0	0	4095	0	2.4	89.7	30	51	0	89.6	0.3
597.33333	183.864	-0.2696	0	0	4095	0	2.7	89.7	30	51	0	89.6	0.3
597.66666	251.349	-0.2696	0	0	4095	0	3	89.7	30	51	0	89.6	0.3
598	183.864	-0.2696	0	0	4095	0	2.9	89.7	30	51	0	89.6	0.3
598.33333	287.341	-0.2696	0	0	4095	0	2.6	89.7	30	51	0	89.6	0.3
598.66666	170.367	-0.2696	0	0	4095	0	3.1	89.7	30	51	0	89.6	0.3
599	341.329	-0.2696	0	0	4095	0	3.2	89.7	30	51	0	89.6	0.3
599.33333	467.301	-0.2696	0	0	4095	0	2.9	89.7	30	51	0	89.6	0.3
599.66666	192.862	-0.2696	0	0	4095	0	3.3	89.8	30	51	0	89.6	0.3
600	116.379	-0.2696	0	0	4095	0	2.7	89.8	30	51	0	89.6	0.3
600.33333	179.365	-0.2696	0	0	4095	0	2.6	89.7	30	51	0	89.6	0.3
600.66666	188.363	-0.1232	0	0	4095	0	3.3	89.7	30	51	0	89.6	0.3
601	278.343	-0.2696	0	0	4095	0	2.4	89.8	30	51	0	89.6	0.3
601.33333	201.86	-0.2696	0	0	4095	0	3.4	89.8	30	51	0	89.6	0.3
601.66666	188.363	-0.2696	0	0	4095	0	4	89.7	30	51	0	89.6	0.3
602	179.365	-0.1232	0	0	4095	0	2.4	89.7	30	51	0	89.6	0.3