

CPU: <a href="https://ark.intel.com/content/www/us/en/ark/products/208921/intel-core-i7-1165g7-processor-12m-cache-up-to-4-70-ghz-with-ipu.html">https://ark.intel.com/content/www/us/en/ark/products/208921/intel-core-i7-1165g7-processor-12m-cache-up-to-4-70-ghz-with-ipu.html</a>								
Geomean N = 20								
Score(N) = (New_Time) / (Old_Time Entry_Align % 64 == N)								
memset-avx512								
Length	Align	C		New Time	Score(0)	Score(16)	Score(32)	Score(48)
1	0	-65		3.936	0.856	0.859	0.866	0.861
2	0	-65		3.786	0.856	0.837	0.853	0.842
4	0	-65		3.732	0.84	0.845	0.847	0.848
8	0	-65		3.726	0.847	0.84	0.847	0.844
16	0	-65		3.723	0.842	0.83	0.847	0.846
32	0	-65		3.435	0.832	0.832	0.804	0.792
64	0	-65		2.691	0.976	0.976	0.626	0.729
128	0	-65		2.977	0.984	0.99	0.687	0.811
256	0	-65		4.34	1.007	1.149	0.853	0.857
512	0	-65		6.431	0.995	0.997	0.997	0.904
1024	0	-65		11.976	1	0.996	1	0.998
2048	0	-65		22.997	1.001	1	1.001	1
4096	0	-65		55.889	1	1	1.012	1
8192	0	-65		99.915	0.999	1	1.022	0.997
16384	0	-65		184.524	1.004	1.007	1.011	1.007
32768	0	-65		354.452	1.001	1.011	1.013	1
65536	0	-65		2212.085	0.998	1	0.999	0.998
131072	0	-65		4330.405	0.997	1	1.001	1
1	1	-65		3.573	0.851	0.851	0.849	0.843
1	4095	-65		5.035	1.004	1.002	0.882	0.998
2	2	-65		3.592	0.852	0.854	0.846	0.846
2	4094	-65		4.844	0.949	0.975	0.774	0.88
2	4095	-65		17.506	0.537	0.537	0.537	0.537
3	3	-65		3.607	0.851	0.851	0.855	0.839
3	4093	-65		4.814	0.962	0.955	0.773	0.844
3	4095	-65		17.456	0.996	0.995	0.963	0.996
3	0	-65		3.508	0.828	0.838	0.831	0.839
4	4	-65		3.576	0.85	0.848	0.851	0.847
4	4092	-65		4.891	0.981	0.978	0.726	0.878

4	4095	-65			32.593	1	1	1	1
5	5	-65			3.632	0.855	0.879	0.847	0.865
5	4091	-65			4.893	0.974	0.993	0.713	0.868
5	4095	-65			17.416	0.997	1	0.965	0.996
5	0	-65			3.584	0.833	0.85	0.849	0.838
6	6	-65			3.598	0.857	0.857	0.851	0.855
6	4090	-65			4.949	0.994	0.987	0.725	0.883
6	4095	-65			17.145	0.981	0.983	0.95	0.982
6	0	-65			3.574	0.851	0.848	0.848	0.849
7	7	-65			3.583	0.853	0.854	0.859	0.849
7	4089	-65			4.927	0.999	0.996	0.731	0.89
7	4095	-65			17.268	0.989	0.992	0.973	0.998
7	0	-65			3.569	0.845	0.849	0.847	0.842
8	8	-65			3.546	0.842	0.852	0.834	0.844
8	4088	-65			4.887	0.995	1	0.789	0.888
8	4095	-65			31.886	0.991	1	0.988	1
9	9	-65			3.616	0.86	0.86	0.86	0.846
9	4087	-65			4.852	0.996	0.997	0.794	0.884
9	4095	-65			17.039	1	1	0.999	0.998
9	0	-65			3.571	0.857	0.85	0.847	0.848
10	10	-65			3.6	0.852	0.854	0.849	0.863
10	4086	-65			4.88	1.001	1.001	0.801	0.89
10	4095	-65			17.038	0.999	0.998	0.999	0.999
10	0	-65			3.598	0.858	0.852	0.857	0.851
11	11	-65			3.606	0.859	0.857	0.859	0.853
11	4085	-65			4.89	0.994	1	0.797	0.893
11	4095	-65			17.038	1	0.998	0.998	0.998
11	0	-65			3.607	0.849	0.853	0.858	0.851
12	12	-65			3.538	0.842	0.844	0.842	0.845
12	4084	-65			4.859	0.994	0.996	0.799	0.883
12	4095	-65			17.035	1	1	1	0.998
12	0	-65			3.6	0.861	0.861	0.849	0.857
13	13	-65			3.573	0.848	0.834	0.857	0.858
13	4083	-65			4.869	0.985	0.995	0.799	0.877

13	4095	-65			17.035	1	1	0.999	1
13	0	-65			3.619	0.872	0.86	0.87	0.87
14	14	-65			3.6	0.854	0.864	0.863	0.858
14	4082	-65			4.857	0.996	0.978	0.805	0.882
14	4095	-65			17.03	0.999	0.999	0.999	0.999
14	0	-65			3.599	0.853	0.855	0.855	0.862
15	15	-65			3.566	0.851	0.861	0.854	0.858
15	4081	-65			4.854	0.992	0.994	0.796	0.881
15	4095	-65			17.026	0.998	0.999	0.999	0.999
15	0	-65			3.546	0.843	0.85	0.846	0.847
16	16	-65			3.559	0.85	0.851	0.853	0.86
16	4080	-65			4.734	1	1.002	0.887	0.795
16	4095	-65			31.869	1	1	1	1
17	17	-65			3.48	0.85	0.847	0.851	0.852
17	4079	-65			4.711	1.002	0.991	0.873	0.793
17	4095	-65			16.641	0.982	0.981	0.981	0.981
17	0	-65			3.502	0.865	0.858	0.852	0.856
18	18	-65			3.494	0.855	0.855	0.853	0.849
18	4078	-65			4.691	0.991	0.991	0.88	0.79
18	4095	-65			16.653	0.981	0.981	0.994	0.982
18	0	-65			3.502	0.858	0.856	0.865	0.855
19	19	-65			3.486	0.853	0.84	0.851	0.85
19	4077	-65			4.694	1.002	0.992	0.89	0.79
19	4095	-65			16.655	0.982	0.991	0.991	0.992
19	0	-65			3.468	0.848	0.85	0.856	0.856
20	20	-65			3.503	0.853	0.857	0.852	0.856
20	4076	-65			4.69	0.992	0.999	0.881	0.79
20	4095	-65			16.617	0.998	0.999	1	1
20	0	-65			3.474	0.846	0.856	0.858	0.864
21	21	-65			3.512	0.851	0.849	0.859	0.86
21	4075	-65			4.671	0.988	0.993	0.885	0.792
21	4095	-65			16.609	0.978	0.999	0.989	0.999
21	0	-65			3.444	0.862	0.843	0.85	0.854
22	22	-65			3.524	0.853	0.845	0.861	0.855

22	4074	-65			4.657	0.998	0.992	0.866	0.789
22	4095	-65			16.621	1	1	1	0.991
22	0	-65			3.478	0.851	0.862	0.858	0.851
23	23	-65			3.481	0.839	0.848	0.848	0.853
23	4073	-65			4.681	0.997	0.965	0.882	0.796
23	4095	-65			16.613	1	1	0.999	1
23	0	-65			3.441	0.859	0.862	0.852	0.847
24	24	-65			3.507	0.855	0.851	0.858	0.849
24	4072	-65			4.671	1.003	0.996	0.887	0.791
24	4095	-65			16.605	0.999	0.999	0.999	0.999
24	0	-65			3.427	0.856	0.851	0.853	0.853
25	25	-65			3.513	0.861	0.848	0.861	0.853
25	4071	-65			4.663	0.997	0.997	0.886	0.793
25	4095	-65			16.612	1	1	1	1
25	0	-65			3.405	0.848	0.853	0.84	0.845
26	26	-65			3.501	0.848	0.842	0.853	0.844
26	4070	-65			4.646	0.993	0.994	0.882	0.792
26	4095	-65			16.616	1	1	1	1
26	0	-65			3.431	0.86	0.849	0.85	0.857
27	27	-65			3.511	0.829	0.843	0.848	0.859
27	4069	-65			4.675	1.001	1.001	0.89	0.799
27	4095	-65			16.609	1	1	0.999	1
27	0	-65			3.428	0.849	0.851	0.852	0.853
28	28	-65			3.508	0.854	0.848	0.836	0.851
28	4068	-65			4.652	1.004	1.001	0.884	0.795
28	4095	-65			16.612	0.999	1	1	1
28	0	-65			3.421	0.852	0.847	0.847	0.852
29	29	-65			3.484	0.844	0.845	0.855	0.847
29	4067	-65			4.651	0.996	0.995	0.887	0.794
29	4095	-65			16.603	1	0.999	0.999	0.999
29	0	-65			3.412	0.853	0.847	0.841	0.844
30	30	-65			3.516	0.854	0.853	0.847	0.841
30	4066	-65			4.662	0.998	0.995	0.886	0.797
30	4095	-65			16.61	0.999	1	1	0.999

30	0	-65			3.444	0.86	0.855	0.853	0.862
31	31	-65			3.508	0.85	0.849	0.846	0.858
31	4065	-65			4.64	0.996	0.998	0.879	0.793
31	4095	-65			16.604	1	1	0.999	1
31	0	-65			3.417	0.847	0.841	0.854	0.849
32	32	-65			3.174	0.825	0.824	0.76	0.825
32	4064	-65			4.304	0.878	1.002	0.827	0.878
32	4095	-65			31.176	1	0.999	1	1
33	33	-65			3.07	0.834	0.834	0.765	0.834
33	4063	-65			4.304	0.878	1	0.827	0.878
33	4095	-65			16.517	1	1	1	1
33	0	-65			3.07	0.834	0.834	0.765	0.834
34	34	-65			3.138	0.834	0.816	0.748	0.834
34	4062	-65			4.304	0.878	1.002	0.827	0.878
34	4095	-65			16.518	1	1	1	1
34	0	-65			3.07	0.834	0.834	0.767	0.834
35	35	-65			3.137	0.834	0.834	0.767	0.834
35	4061	-65			4.304	0.878	1	0.824	0.878
35	4095	-65			16.518	1	1	1	1
35	0	-65			3.07	0.834	0.834	0.763	0.834
36	36	-65			3.138	0.824	0.834	0.748	0.834
36	4060	-65			4.304	0.878	1	0.823	0.878
36	4095	-65			16.517	1	1	1	0.999
36	0	-65			3.07	0.834	0.834	0.762	0.834
37	37	-65			3.139	0.816	0.816	0.755	0.816
37	4059	-65			4.304	0.878	1	0.825	0.878
37	4095	-65			16.518	1	1	1	1
37	0	-65			3.07	0.834	0.834	0.762	0.834
38	38	-65			3.137	0.834	0.815	0.762	0.834
38	4058	-65			4.304	0.878	1	0.822	0.878
38	4095	-65			16.518	1	1	1	1
38	0	-65			3.07	0.834	0.834	0.763	0.834
39	39	-65			3.138	0.816	0.816	0.752	0.808
39	4057	-65			4.305	0.878	1	0.825	0.877

39	4095	-65			16.517	1	1	1	0.999
39	0	-65			3.07	0.834	0.834	0.76	0.834
40	40	-65			3.138	0.834	0.834	0.755	0.834
40	4056	-65			4.305	0.878	1	0.822	0.878
40	4095	-65			16.517	1	1	1	1
40	0	-65			3.069	0.834	0.834	0.765	0.834
41	41	-65			3.139	0.808	0.816	0.76	0.826
41	4055	-65			4.304	0.878	1	0.826	0.878
41	4095	-65			16.518	1	0.999	1	1
41	0	-65			3.07	0.834	0.834	0.764	0.834
42	42	-65			3.138	0.816	0.816	0.757	0.816
42	4054	-65			4.304	0.878	1	0.82	0.878
42	4095	-65			16.518	1	1	1	1
42	0	-65			3.07	0.834	0.834	0.765	0.834
43	43	-65			3.104	0.825	0.824	0.752	0.807
43	4053	-65			4.305	0.878	1	0.825	0.878
43	4095	-65			16.517	1	1	1	1
43	0	-65			3.07	0.834	0.834	0.76	0.834
44	44	-65			3.138	0.828	0.832	0.75	0.834
44	4052	-65			4.304	0.878	1	0.826	0.878
44	4095	-65			16.517	0.999	1	1	1
44	0	-65			3.07	0.834	0.834	0.763	0.834
45	45	-65			3.137	0.825	0.815	0.756	0.815
45	4051	-65			4.305	0.878	1	0.825	0.878
45	4095	-65			16.517	1	1	1	1
45	0	-65			3.07	0.834	0.834	0.768	0.834
46	46	-65			3.138	0.825	0.815	0.761	0.815
46	4050	-65			4.305	0.878	1.001	0.824	0.878
46	4095	-65			16.519	1	1	1	1
46	0	-65			3.07	0.834	0.834	0.761	0.834
47	47	-65			3.138	0.834	0.834	0.757	0.834
47	4049	-65			4.305	0.878	1.003	0.824	0.878
47	4095	-65			16.518	1	1	1	0.999
47	0	-65			3.07	0.834	0.834	0.765	0.834

48	48	-65			3.138	0.834	0.816	0.756	0.831
48	4048	-65			4.305	0.878	1	0.823	0.878
48	4095	-65			16.517	0.999	1	1	1
48	0	-65			3.069	0.834	0.834	0.765	0.834
49	49	-65			3.137	0.815	0.803	0.752	0.824
49	4047	-65			4.304	0.878	1.002	0.824	0.878
49	4095	-65			16.517	1	1	1	1
49	0	-65			3.07	0.834	0.834	0.764	0.834
50	50	-65			3.138	0.824	0.817	0.766	0.813
50	4046	-65			4.305	0.878	1	0.824	0.878
50	4095	-65			16.518	1	0.999	1	1
50	0	-65			3.069	0.834	0.834	0.754	0.834
51	51	-65			3.137	0.825	0.816	0.755	0.815
51	4045	-65			4.305	0.878	1	0.825	0.878
51	4095	-65			16.517	0.999	1	1	1
51	0	-65			3.069	0.834	0.834	0.763	0.834
52	52	-65			3.138	0.834	0.834	0.761	0.834
52	4044	-65			4.305	0.878	1	0.825	0.878
52	4095	-65			16.517	1	1	1	1
52	0	-65			3.07	0.834	0.834	0.763	0.834
53	53	-65			3.137	0.834	0.805	0.753	0.817
53	4043	-65			4.304	0.878	1	0.825	0.878
53	4095	-65			16.517	1	1	1	1
53	0	-65			3.07	0.834	0.834	0.765	0.834
54	54	-65			3.138	0.832	0.824	0.754	0.825
54	4042	-65			4.304	0.878	1	0.823	0.878
54	4095	-65			16.518	1	0.998	1	1
54	0	-65			3.07	0.834	0.834	0.763	0.834
55	55	-65			3.137	0.834	0.834	0.76	0.815
55	4041	-65			4.305	0.878	1	0.825	0.878
55	4095	-65			16.518	0.999	0.999	1	1
55	0	-65			3.07	0.834	0.834	0.75	0.834
56	56	-65			3.104	0.816	0.807	0.747	0.814
56	4040	-65			4.304	0.878	1	0.821	0.878

56	4095	-65			16.517	1	1	1	0.999
56	0	-65			3.07	0.834	0.834	0.765	0.834
57	57	-65			3.137	0.818	0.806	0.76	0.815
57	4039	-65			4.305	0.878	1	0.822	0.878
57	4095	-65			16.518	1	1	1	0.999
57	0	-65			3.07	0.834	0.834	0.762	0.834
58	58	-65			3.079	0.8	0.816	0.739	0.802
58	4038	-65			4.304	0.878	1.002	0.822	0.878
58	4095	-65			16.518	1	1	1	0.999
58	0	-65			3.07	0.834	0.834	0.766	0.834
59	59	-65			3.138	0.834	0.834	0.76	0.816
59	4037	-65			4.305	0.878	1	0.82	0.878
59	4095	-65			16.518	1	1	1	0.999
59	0	-65			3.07	0.834	0.834	0.766	0.834
60	60	-65			3.137	0.815	0.815	0.732	0.815
60	4036	-65			4.305	0.878	1	0.824	0.878
60	4095	-65			16.518	1	0.999	1	1
60	0	-65			3.069	0.834	0.834	0.768	0.832
61	61	-65			3.138	0.805	0.815	0.754	0.816
61	4035	-65			4.304	0.878	1.003	0.825	0.878
61	4095	-65			16.517	1	0.999	1	1
61	0	-65			3.07	0.834	0.834	0.761	0.834
62	62	-65			3.138	0.834	0.816	0.764	0.834
62	4034	-65			4.304	0.878	1	0.822	0.878
62	4095	-65			16.517	1	1	1	1
62	0	-65			3.07	0.834	0.834	0.763	0.834
63	63	-65			3.138	0.834	0.834	0.762	0.825
63	4033	-65			4.304	0.878	1	0.824	0.878
63	4095	-65			16.518	1	1	1	1
63	0	-65			3.07	0.834	0.834	0.764	0.834
64	64	-65			2.629	0.977	0.994	0.638	0.801
96	0	-65			2.904	1.075	1.079	0.701	0.854
96	96	-65			2.967	1.001	1	0.698	0.822
128	128	-65			2.97	0.995	0.991	0.697	0.819



160	0	-65			4.755	0.963	0.965	0.965	0.961
160	160	-65			4.924	0.994	0.993	0.978	0.997
192	0	-65			4.287	1.003	1.169	0.864	0.864
192	192	-65			4.266	1	1.164	0.859	0.861
224	0	-65			4.917	0.993	0.975	0.983	0.995
224	224	-65			4.919	0.995	0.993	0.989	0.995
256	256	-65			4.289	0.991	1.149	0.851	0.86
288	0	-65			8.76	0.977	0.98	0.982	0.983
288	288	-65			8.79	0.985	0.986	0.985	0.988
320	0	-65			6.236	0.995	0.991	0.987	0.901
320	320	-65			6.255	0.997	0.995	0.993	0.899
352	0	-65			8.866	0.995	0.995	0.995	0.994
352	352	-65			8.857	0.993	0.995	0.993	0.993
384	0	-65			6.211	0.987	0.993	0.989	0.903
384	384	-65			6.264	0.988	1.001	0.998	0.9
416	0	-65			8.794	0.985	0.986	0.986	0.989
416	416	-65			8.795	0.985	0.987	0.986	0.99
448	0	-65			6.251	0.999	0.998	1.001	0.906
448	448	-65			6.253	0.997	0.998	0.999	0.9
480	0	-65			8.819	0.989	0.991	0.988	0.991
480	480	-65			8.795	0.986	0.987	0.992	0.987
512	512	-65			6.227	0.988	0.98	0.989	0.899
544	0	-65			11.415	0.987	0.998	0.99	0.989
544	544	-65			11.388	0.996	0.991	0.999	0.992
576	0	-65			8.786	0.983	0.992	0.994	0.994
576	576	-65			8.829	0.991	0.99	0.991	0.991
608	0	-65			11.355	0.981	0.983	0.992	0.988
608	608	-65			11.387	0.988	0.994	0.996	0.997
640	0	-65			8.706	0.976	0.982	0.985	0.98
640	640	-65			8.826	0.991	0.994	0.992	0.995
672	0	-65			11.358	0.992	0.991	0.983	0.985
672	672	-65			11.228	0.978	0.98	0.979	0.986
704	0	-65			8.796	0.994	0.994	0.995	0.991
704	704	-65			8.817	0.994	0.998	0.991	0.995

736	0	-65			11.372	0.982	0.99	0.994	0.996
736	736	-65			13.812	0.977	0.985	0.98	0.984
768	0	-65			8.787	0.994	0.986	0.994	0.996
768	768	-65			8.82	0.987	0.996	0.993	0.99
800	0	-65			13.927	0.987	0.989	0.988	0.994
800	800	-65			13.816	0.984	0.988	0.986	0.988
832	0	-65			11.313	0.985	0.991	0.99	0.985
832	832	-65			11.305	0.983	0.978	0.99	0.986
864	0	-65			13.986	0.999	0.996	0.996	0.997
864	864	-65			13.818	0.984	0.987	0.984	0.987
896	0	-65			11.202	0.978	0.973	0.978	0.973
896	896	-65			11.241	0.983	0.983	0.979	0.985
928	0	-65			13.9	0.983	0.989	0.99	0.985
928	928	-65			13.857	0.989	0.991	0.987	0.991
960	0	-65			11.349	0.991	0.992	0.996	0.992
960	960	-65			11.36	0.988	0.991	0.995	0.996
992	0	-65			13.843	0.973	0.985	0.98	0.989
992	992	-65			16.435	0.99	0.988	0.99	0.991
14	1	-65			3.446	0.874	0.875	0.856	0.815
1024	3	-65			18.745	0.984	0.991	0.982	0.986
64	4	-65			3.207	1	1	0.774	1
25	2	-65			3.484	0.83	0.84	0.844	0.837
1	0	0			3.403	0.811	0.801	0.81	0.815
2	0	0			3.517	0.82	0.816	0.823	0.807
4	0	0			3.7	0.859	0.852	0.866	0.867
8	0	0			3.692	0.863	0.847	0.863	0.855
16	0	0			3.705	0.847	0.85	0.848	0.85
32	0	0			3.209	0.815	0.815	0.777	0.815
64	0	0			2.629	0.999	0.999	0.62	0.801
128	0	0			2.949	1.007	1.038	0.691	0.821
256	0	0			4.282	0.993	1.177	0.866	0.866
512	0	0			6.227	0.995	0.993	0.993	0.898
1024	0	0			11.273	0.985	0.99	0.984	0.984
2048	0	0			21.216	0.979	0.983	0.974	0.977

4096	0	0			51.147	0.964	0.963	0.974	0.97
8192	0	0			91.64	0.986	0.978	0.994	0.986
16384	0	0			170.96	0.981	0.99	0.997	0.988
32768	0	0			330.764	0.987	0.986	0.992	0.987
65536	0	0			2117.965	0.999	1	0.996	0.993
131072	0	0			4236.89	0.997	0.996	0.998	0.998
1	1	0			3.495	0.851	0.839	0.85	0.851
1	4095	0			4.915	0.999	0.995	0.886	1.001
2	2	0			3.584	0.853	0.862	0.845	0.849
2	4094	0			4.881	0.995	0.994	0.794	0.888
2	4095	0			17.131	0.538	0.538	0.538	0.538
3	3	0			3.608	0.871	0.869	0.862	0.868
3	4093	0			4.85	0.985	0.99	0.791	0.881
3	4095	0			17.021	0.995	0.993	0.96	0.997
3	0	0			3.564	0.851	0.862	0.852	0.849
4	4	0			3.535	0.848	0.856	0.854	0.855
4	4092	0			4.845	0.991	0.993	0.722	0.882
4	4095	0			31.199	0.979	0.979	0.979	1
5	5	0			3.596	0.861	0.86	0.871	0.86
5	4091	0			4.841	0.992	1.006	0.727	0.897
5	4095	0			16.778	0.999	0.999	0.968	1
5	0	0			3.534	0.854	0.855	0.851	0.856
6	6	0			3.559	0.862	0.838	0.853	0.861
6	4090	0			4.799	0.984	0.982	0.724	0.874
6	4095	0			16.741	0.979	0.98	0.966	1
6	0	0			3.551	0.858	0.857	0.859	0.858
7	7	0			3.547	0.854	0.856	0.856	0.858
7	4089	0			4.835	0.997	0.997	0.73	0.889
7	4095	0			16.772	1.001	1.002	0.967	1
7	0	0			3.545	0.843	0.857	0.855	0.853
8	8	0			3.541	0.857	0.858	0.852	0.853
8	4088	0			4.799	1.002	1.001	0.801	0.887
8	4095	0			31.193	1	1	1	1
9	9	0			3.575	0.858	0.865	0.864	0.863

9	4087	0			4.773	0.995	0.988	0.794	0.877
9	4095	0			16.678	0.999	0.999	0.997	0.999
9	0	0			3.545	0.844	0.852	0.858	0.847
10	10	0			3.561	0.858	0.852	0.854	0.859
10	4086	0			4.807	0.994	0.997	0.798	0.894
10	4095	0			16.683	0.999	1	1	1
10	0	0			3.565	0.852	0.853	0.863	0.864
11	11	0			3.547	0.853	0.853	0.858	0.856
11	4085	0			4.792	0.99	0.994	0.798	0.88
11	4095	0			16.671	0.999	0.999	0.999	0.999
11	0	0			3.542	0.843	0.856	0.854	0.856
12	12	0			3.586	0.857	0.854	0.857	0.863
12	4084	0			4.791	0.994	0.991	0.797	0.884
12	4095	0			16.676	1	1	0.999	1
12	0	0			3.54	0.852	0.854	0.852	0.852
13	13	0			3.548	0.849	0.847	0.837	0.853
13	4083	0			4.77	0.991	0.997	0.796	0.881
13	4095	0			16.673	1	1	0.999	0.997
13	0	0			3.535	0.856	0.856	0.854	0.851
14	14	0			3.539	0.856	0.857	0.854	0.857
14	4082	0			4.795	0.997	0.995	0.802	0.881
14	4095	0			16.677	0.999	1	0.999	1
14	0	0			3.56	0.86	0.86	0.858	0.862
15	15	0			3.539	0.854	0.852	0.851	0.854
15	4081	0			4.79	0.999	0.997	0.799	0.89
15	4095	0			16.68	1	1	0.998	1
15	0	0			3.553	0.86	0.859	0.853	0.862
16	16	0			3.551	0.842	0.846	0.848	0.856
16	4080	0			4.619	0.996	0.998	0.881	0.793
16	4095	0			31.184	1	1	1	1
17	17	0			3.413	0.846	0.853	0.852	0.85
17	4079	0			4.65	0.998	0.995	0.881	0.796
17	4095	0			16.607	0.999	1	1	1
17	0	0			3.438	0.857	0.86	0.853	0.85

18	18	0			3.458	0.845	0.849	0.846	0.84
18	4078	0			4.622	0.994	0.991	0.876	0.791
18	4095	0			16.605	1	0.999	1	0.999
18	0	0			3.456	0.864	0.858	0.86	0.86
19	19	0			3.459	0.85	0.852	0.849	0.837
19	4077	0			4.652	0.995	0.999	0.883	0.796
19	4095	0			16.609	1	1	1	0.995
19	0	0			3.447	0.859	0.86	0.854	0.852
20	20	0			3.483	0.844	0.838	0.828	0.85
20	4076	0			4.623	0.99	0.992	0.879	0.793
20	4095	0			16.606	1	0.999	0.999	0.999
20	0	0			3.455	0.853	0.866	0.861	0.854
21	21	0			3.509	0.86	0.832	0.847	0.848
21	4075	0			4.645	0.998	0.998	0.874	0.793
21	4095	0			16.609	1	0.999	1	1
21	0	0			3.454	0.866	0.867	0.861	0.861
22	22	0			3.476	0.847	0.854	0.848	0.832
22	4074	0			4.638	0.993	0.992	0.879	0.796
22	4095	0			16.61	1	1	1	0.999
22	0	0			3.455	0.863	0.863	0.859	0.859
23	23	0			3.487	0.846	0.844	0.841	0.856
23	4073	0			4.635	0.996	0.999	0.878	0.791
23	4095	0			16.602	0.999	1	0.999	0.999
23	0	0			3.452	0.862	0.862	0.858	0.853
24	24	0			3.505	0.846	0.848	0.837	0.853
24	4072	0			4.653	0.999	0.996	0.882	0.792
24	4095	0			16.6	0.999	0.999	0.999	0.999
24	0	0			3.416	0.853	0.856	0.857	0.853
25	25	0			3.49	0.839	0.843	0.825	0.84
25	4071	0			4.647	0.998	0.993	0.882	0.795
25	4095	0			16.614	1	1	1	1
25	0	0			3.471	0.863	0.856	0.868	0.863
26	26	0			3.499	0.856	0.851	0.849	0.842
26	4070	0			4.668	1.007	1.006	0.887	0.797

26	4095	0			16.604	1	0.999	1	1
26	0	0			3.459	0.832	0.859	0.862	0.86
27	27	0			3.501	0.837	0.853	0.848	0.83
27	4069	0			4.635	0.986	1	0.875	0.796
27	4095	0			16.602	0.999	0.999	1	0.999
27	0	0			3.422	0.836	0.857	0.851	0.859
28	28	0			3.469	0.845	0.851	0.828	0.84
28	4068	0			4.643	0.998	0.993	0.891	0.795
28	4095	0			16.606	1	1	1	0.999
28	0	0			3.397	0.844	0.847	0.841	0.842
29	29	0			3.463	0.84	0.835	0.84	0.836
29	4067	0			4.667	1.002	0.999	0.89	0.801
29	4095	0			16.602	1	0.999	0.999	0.999
29	0	0			3.444	0.857	0.861	0.86	0.853
30	30	0			3.478	0.846	0.847	0.839	0.843
30	4066	0			4.624	0.983	0.993	0.872	0.789
30	4095	0			16.602	0.999	1	0.999	0.999
30	0	0			3.425	0.854	0.856	0.851	0.853
31	31	0			3.543	0.869	0.867	0.852	0.856
31	4065	0			4.618	0.992	0.983	0.887	0.791
31	4095	0			16.606	1	1	1	1
31	0	0			3.42	0.859	0.858	0.838	0.856
32	32	0			3.138	0.816	0.816	0.747	0.816
32	4064	0			4.304	0.878	1.001	0.827	0.878
32	4095	0			31.177	0.999	0.999	0.999	0.999
33	33	0			3.07	0.834	0.834	0.768	0.834
33	4063	0			4.304	0.878	1	0.823	0.878
33	4095	0			16.517	0.999	0.999	1	0.999
33	0	0			3.07	0.834	0.834	0.763	0.834
34	34	0			3.137	0.834	0.834	0.746	0.815
34	4062	0			4.304	0.878	1.003	0.821	0.878
34	4095	0			16.518	1	0.999	1	0.999
34	0	0			3.069	0.834	0.834	0.767	0.834
35	35	0			3.07	0.802	0.798	0.735	0.798

35	4061	0			4.304	0.878	1.002	0.826	0.878
35	4095	0			16.517	0.999	0.999	0.999	0.999
35	0	0			3.07	0.834	0.834	0.764	0.834
36	36	0			3.138	0.816	0.816	0.735	0.816
36	4060	0			4.304	0.878	1	0.826	0.878
36	4095	0			16.518	0.999	0.999	1	0.999
36	0	0			3.07	0.834	0.834	0.767	0.834
37	37	0			3.138	0.812	0.809	0.751	0.816
37	4059	0			4.304	0.878	1	0.818	0.878
37	4095	0			16.518	0.999	0.999	1	0.999
37	0	0			3.07	0.834	0.834	0.759	0.834
38	38	0			3.104	0.808	0.807	0.756	0.807
38	4058	0			4.304	0.878	1	0.817	0.878
38	4095	0			16.517	0.999	0.999	1	0.999
38	0	0			3.07	0.834	0.834	0.768	0.834
39	39	0			3.138	0.833	0.827	0.754	0.813
39	4057	0			4.305	0.878	1	0.818	0.878
39	4095	0			16.518	0.999	0.999	1	0.999
39	0	0			3.07	0.834	0.834	0.766	0.834
40	40	0			3.104	0.825	0.825	0.757	0.825
40	4056	0			4.305	0.878	1	0.822	0.878
40	4095	0			16.526	1	0.999	0.999	0.999
40	0	0			3.07	0.834	0.834	0.766	0.834
41	41	0			3.138	0.821	0.815	0.757	0.821
41	4055	0			4.304	0.878	1	0.826	0.878
41	4095	0			16.527	1	1	1.001	0.999
41	0	0			3.07	0.834	0.834	0.768	0.834
42	42	0			3.138	0.803	0.807	0.745	0.824
42	4054	0			4.305	0.878	1.002	0.827	0.878
42	4095	0			16.518	0.999	0.999	0.999	0.999
42	0	0			3.07	0.834	0.834	0.767	0.834
43	43	0			3.138	0.816	0.825	0.754	0.816
43	4053	0			4.304	0.878	1	0.824	0.878
43	4095	0			16.518	1	0.999	1	0.999

43	0	0			3.07	0.834	0.834	0.761	0.834
44	44	0			3.137	0.815	0.815	0.75	0.815
44	4052	0			4.305	0.878	1	0.827	0.878
44	4095	0			16.526	1	0.999	1	1
44	0	0			3.069	0.834	0.834	0.762	0.834
45	45	0			3.131	0.832	0.832	0.754	0.804
45	4051	0			4.305	0.878	1	0.826	0.878
45	4095	0			16.526	1	0.999	1	0.999
45	0	0			3.07	0.834	0.834	0.768	0.834
46	46	0			3.092	0.822	0.822	0.746	0.822
46	4050	0			4.305	0.878	1	0.826	0.878
46	4095	0			16.519	0.999	0.999	1	0.999
46	0	0			3.07	0.834	0.834	0.768	0.834
47	47	0			3.138	0.834	0.834	0.762	0.83
47	4049	0			4.304	0.878	1.002	0.824	0.878
47	4095	0			16.518	1	1	1	0.999
47	0	0			3.07	0.834	0.834	0.767	0.834
48	48	0			3.104	0.807	0.807	0.742	0.816
48	4048	0			4.305	0.878	1.003	0.823	0.878
48	4095	0			16.518	0.999	0.999	1	1
48	0	0			3.07	0.834	0.834	0.766	0.834
49	49	0			3.138	0.816	0.797	0.756	0.816
49	4047	0			4.305	0.878	1	0.829	0.878
49	4095	0			16.518	1	0.999	1	1
49	0	0			3.07	0.834	0.834	0.769	0.834
50	50	0			3.137	0.817	0.819	0.741	0.818
50	4046	0			4.304	0.878	1.002	0.819	0.878
50	4095	0			16.519	0.999	1	1	0.999
50	0	0			3.07	0.834	0.834	0.767	0.834
51	51	0			3.137	0.815	0.823	0.746	0.824
51	4045	0			4.304	0.878	1.002	0.826	0.878
51	4095	0			16.519	1	0.999	1	1
51	0	0			3.07	0.834	0.834	0.767	0.834
52	52	0			3.137	0.816	0.815	0.748	0.825



52	4044	0			4.304	0.878	1.002	0.825	0.878
52	4095	0			16.517	1	0.999	1	1
52	0	0			3.069	0.834	0.834	0.765	0.834
53	53	0			3.139	0.814	0.816	0.752	0.816
53	4043	0			4.304	0.878	1	0.823	0.878
53	4095	0			16.518	1	0.999	0.999	1
53	0	0			3.069	0.834	0.834	0.767	0.834
54	54	0			3.137	0.819	0.816	0.762	0.816
54	4042	0			4.305	0.878	1	0.827	0.878
54	4095	0			16.534	1.001	1.001	1.001	1.001
54	0	0			3.069	0.834	0.834	0.76	0.834
55	55	0			3.138	0.834	0.834	0.761	0.834
55	4041	0			4.304	0.878	1.003	0.821	0.878
55	4095	0			16.535	1	1	1	1
55	0	0			3.07	0.834	0.834	0.762	0.834
56	56	0			3.138	0.834	0.834	0.763	0.826
56	4040	0			4.305	0.878	1	0.823	0.878
56	4095	0			16.519	0.999	0.999	1	0.999
56	0	0			3.07	0.834	0.834	0.755	0.834
57	57	0			3.138	0.816	0.816	0.765	0.816
57	4039	0			4.305	0.878	1.003	0.823	0.878
57	4095	0			16.518	1	0.999	1	0.999
57	0	0			3.069	0.834	0.834	0.763	0.834
58	58	0			3.104	0.819	0.798	0.74	0.819
58	4038	0			4.305	0.878	1	0.82	0.878
58	4095	0			16.518	1	0.999	1	0.999
58	0	0			3.069	0.834	0.834	0.767	0.834
59	59	0			3.107	0.807	0.826	0.76	0.812
59	4037	0			4.305	0.878	1.003	0.824	0.878
59	4095	0			16.518	0.999	0.999	0.999	0.999
59	0	0			3.07	0.834	0.834	0.768	0.834
60	60	0			3.104	0.825	0.822	0.749	0.807
60	4036	0			4.304	0.878	1	0.826	0.878
60	4095	0			16.518	1	0.999	0.999	0.999

60	0	0			3.07	0.834	0.834	0.76	0.834
61	61	0			3.138	0.834	0.834	0.764	0.834
61	4035	0			4.304	0.878	1	0.825	0.878
61	4095	0			16.518	1	0.999	1	0.999
61	0	0			3.07	0.834	0.834	0.762	0.834
62	62	0			3.137	0.825	0.815	0.743	0.815
62	4034	0			4.304	0.878	1	0.827	0.878
62	4095	0			16.518	1	0.999	0.998	0.999
62	0	0			3.069	0.834	0.834	0.755	0.834
63	63	0			3.126	0.831	0.811	0.753	0.812
63	4033	0			4.305	0.878	1	0.824	0.878
63	4095	0			16.518	0.999	0.999	0.999	0.999
63	0	0			3.07	0.834	0.834	0.764	0.834
64	64	0			2.629	1	1	0.637	0.801
96	0	0			2.934	1.033	1.103	0.728	0.815
96	96	0			2.973	1.005	0.999	0.703	0.822
128	128	0			2.962	0.999	0.999	0.691	0.824
160	0	0			4.703	0.954	0.954	0.954	0.954
160	160	0			4.916	0.998	0.985	0.998	0.994
192	0	0			4.266	0.984	1.164	0.859	0.865
192	192	0			4.277	0.985	1.169	0.859	0.867
224	0	0			4.939	0.999	0.991	0.989	0.993
224	224	0			4.943	0.998	0.993	0.996	0.995
256	256	0			4.29	0.995	1.178	0.857	0.866
288	0	0			8.775	0.987	0.984	0.995	0.988
288	288	0			8.803	0.987	0.988	0.988	0.987
320	0	0			6.222	0.984	0.994	0.995	0.9
320	320	0			6.262	0.996	1	1	0.904
352	0	0			8.886	0.999	0.998	0.997	0.999
352	352	0			8.815	0.988	0.988	0.988	0.995
384	0	0			6.211	0.992	0.992	0.989	0.898
384	384	0			6.244	0.991	0.992	0.995	0.901
416	0	0			8.762	0.982	0.985	0.985	0.988
416	416	0			8.744	0.987	0.991	0.982	0.988

448	0	0			6.227	0.993	0.983	0.995	0.9
448	448	0			6.255	1	0.995	0.995	0.906
480	0	0			8.784	0.988	0.985	0.995	0.987
480	480	0			8.783	0.99	0.989	0.988	0.996
512	512	0			6.243	0.996	0.995	0.995	0.903
544	0	0			11.361	0.986	0.986	0.99	0.996
544	544	0			11.373	0.995	0.991	0.992	0.996
576	0	0			8.803	0.988	0.994	0.996	0.996
576	576	0			8.797	0.991	0.988	0.995	0.987
608	0	0			11.357	0.982	0.988	0.995	0.994
608	608	0			11.182	0.973	0.979	0.975	0.981
640	0	0			8.729	0.993	0.989	0.98	0.981
640	640	0			8.747	0.984	0.989	0.989	0.991
672	0	0			11.347	0.996	0.991	0.991	0.995
672	672	0			11.229	0.98	0.984	0.977	0.983
704	0	0			8.728	0.989	0.99	0.985	0.987
704	704	0			8.716	0.986	0.982	0.979	0.987
736	0	0			11.315	0.993	0.993	0.991	0.992
736	736	0			13.862	0.99	0.991	0.988	0.992
768	0	0			8.695	0.983	0.977	0.98	0.987
768	768	0			8.796	0.996	0.996	0.996	0.995
800	0	0			13.772	0.977	0.984	0.983	0.984
800	800	0			13.805	0.988	0.986	0.985	0.986
832	0	0			11.221	0.979	0.983	0.979	0.98
832	832	0			11.373	0.993	0.996	0.991	0.997
864	0	0			13.799	0.984	0.983	0.986	0.985
864	864	0			13.746	0.984	0.983	0.984	0.982
896	0	0			11.234	0.984	0.984	0.98	0.982
896	896	0			11.219	0.983	0.981	0.981	0.983
928	0	0			13.741	0.978	0.981	0.978	0.985
928	928	0			13.794	0.997	0.988	0.985	0.987
960	0	0			11.274	0.992	1.001	0.992	0.991
960	960	0			11.314	0.987	0.991	0.992	0.992
992	0	0			13.809	0.982	0.983	0.977	0.99

992	992	0			16.271	0.982	0.992	0.98	0.989
14	1	0			3.444	0.85	0.875	0.875	0.845
1024	3	0			18.6	0.986	0.979	0.987	0.979
64	4	0			3.207	1	1	0.782	1
25	2	0			3.447	0.833	0.813	0.835	0.835
1	0	65			3.493	0.842	0.824	0.832	0.822
2	0	65			3.686	0.863	0.855	0.864	0.844
4	0	65			3.713	0.868	0.864	0.868	0.862
8	0	65			3.669	0.853	0.851	0.842	0.858
16	0	65			3.68	0.845	0.843	0.842	0.84
32	0	65			3.273	0.831	0.831	0.8	0.831
64	0	65			2.63	0.977	0.993	0.62	0.801
128	0	65			2.97	1.008	1.039	0.702	0.826
256	0	65			4.269	0.993	1.174	0.856	0.862
512	0	65			6.202	0.986	0.99	0.99	0.898
1024	0	65			11.355	0.989	0.987	0.99	0.991
2048	0	65			21.41	0.979	0.983	0.978	0.98
4096	0	65			51.74	0.979	0.973	0.99	0.975
8192	0	65			91.912	0.984	0.965	0.983	0.983
16384	0	65			170.978	0.983	0.982	0.985	0.98
32768	0	65			330.726	0.98	0.979	0.982	0.981
65536	0	65			2123.3	0.998	0.997	0.996	0.997
131072	0	65			4240.22	0.996	0.996	1.001	0.997
1	1	65			3.528	0.854	0.85	0.853	0.848
1	4095	65			4.926	0.998	0.989	0.887	1.004
2	2	65			3.566	0.858	0.847	0.845	0.845
2	4094	65			4.813	0.984	0.989	0.789	0.891
2	4095	65			17.134	0.538	0.538	0.537	0.538
3	3	65			3.563	0.865	0.859	0.842	0.845
3	4093	65			4.906	0.999	0.995	0.799	0.909
3	4095	65			17.12	0.997	0.999	0.963	0.998
3	0	65			3.53	0.831	0.841	0.824	0.852
4	4	65			3.571	0.856	0.867	0.869	0.867
4	4092	65			4.822	0.984	0.976	0.717	0.877

4	4095	65			31.877	1	1	1	1
5	5	65			3.621	0.855	0.886	0.872	0.859
5	4091	65			4.875	0.996	0.999	0.725	0.9
5	4095	65			17.084	0.999	0.999	0.966	0.998
5	0	65			3.566	0.845	0.854	0.845	0.846
6	6	65			3.527	0.834	0.849	0.851	0.841
6	4090	65			4.896	0.997	0.999	0.739	0.887
6	4095	65			17.079	0.999	1	0.965	0.999
6	0	65			3.582	0.848	0.863	0.864	0.854
7	7	65			3.571	0.846	0.862	0.855	0.846
7	4089	65			4.893	1	0.993	0.728	0.894
7	4095	65			17.081	1	0.999	0.964	0.999
7	0	65			3.552	0.838	0.844	0.844	0.847
8	8	65			3.528	0.85	0.85	0.85	0.845
8	4088	65			4.823	0.994	0.988	0.808	0.963
8	4095	65			31.869	1	1	1	1
9	9	65			3.61	0.855	0.855	0.858	0.843
9	4087	65			4.805	0.992	0.996	0.805	0.877
9	4095	65			16.823	0.988	0.988	0.988	0.988
9	0	65			3.564	0.851	0.862	0.862	0.85
10	10	65			3.53	0.838	0.852	0.854	0.84
10	4086	65			4.809	1	0.998	0.797	0.876
10	4095	65			16.685	0.98	0.998	0.981	0.981
10	0	65			3.548	0.845	0.854	0.856	0.845
11	11	65			3.571	0.86	0.864	0.862	0.857
11	4085	65			4.811	0.996	1	0.802	0.877
11	4095	65			16.68	0.996	0.998	0.981	0.98
11	0	65			3.563	0.849	0.859	0.861	0.856
12	12	65			3.569	0.857	0.855	0.858	0.843
12	4084	65			4.797	0.98	0.991	0.799	0.891
12	4095	65			16.685	0.999	0.998	0.999	0.979
12	0	65			3.53	0.849	0.849	0.847	0.845
13	13	65			3.569	0.839	0.846	0.859	0.846
13	4083	65			4.799	0.996	0.994	0.794	0.889

13	4095	65			16.682	0.999	0.999	0.997	0.997
13	0	65			3.57	0.863	0.865	0.86	0.857
14	14	65			3.568	0.859	0.859	0.851	0.854
14	4082	65			4.822	0.989	0.989	0.802	0.891
14	4095	65			16.682	1	0.999	1	0.999
14	0	65			3.551	0.86	0.855	0.857	0.861
15	15	65			3.557	0.853	0.859	0.854	0.853
15	4081	65			4.788	0.992	0.976	0.794	0.887
15	4095	65			16.683	0.998	1	1	1
15	0	65			3.545	0.856	0.857	0.85	0.858
16	16	65			3.557	0.856	0.856	0.851	0.859
16	4080	65			4.611	0.985	0.987	0.864	0.787
16	4095	65			31.176	0.999	0.999	0.999	1
17	17	65			3.408	0.853	0.855	0.846	0.841
17	4079	65			4.658	0.993	0.996	0.879	0.797
17	4095	65			16.613	1	1	1	1
17	0	65			3.429	0.853	0.841	0.853	0.84
18	18	65			3.495	0.846	0.849	0.843	0.857
18	4078	65			4.656	0.998	1.002	0.886	0.794
18	4095	65			16.612	0.999	1	1	1
18	0	65			3.422	0.849	0.854	0.853	0.853
19	19	65			3.458	0.842	0.837	0.839	0.849
19	4077	65			4.639	0.995	0.981	0.884	0.794
19	4095	65			16.609	1	1	1	1
19	0	65			3.443	0.853	0.863	0.857	0.856
20	20	65			3.543	0.855	0.852	0.845	0.847
20	4076	65			4.646	1.001	0.994	0.884	0.793
20	4095	65			16.605	1	0.999	1	1
20	0	65			3.43	0.852	0.853	0.857	0.855
21	21	65			3.525	0.867	0.866	0.86	0.859
21	4075	65			4.652	0.998	0.994	0.883	0.796
21	4095	65			16.608	1	1	0.999	1
21	0	65			3.492	0.872	0.873	0.869	0.862
22	22	65			3.462	0.829	0.835	0.853	0.855

22	4074	65			4.66	1.006	1.007	0.885	0.796
22	4095	65			16.607	1	0.999	1	0.999
22	0	65			3.416	0.86	0.856	0.848	0.849
23	23	65			3.539	0.859	0.859	0.841	0.87
23	4073	65			4.628	0.989	0.995	0.882	0.793
23	4095	65			16.611	1	1	1	1
23	0	65			3.403	0.852	0.849	0.846	0.848
24	24	65			3.422	0.823	0.825	0.801	0.84
24	4072	65			4.658	1	1	0.885	0.783
24	4095	65			16.607	0.999	1	1	1
24	0	65			3.451	0.858	0.865	0.859	0.85
25	25	65			3.53	0.865	0.863	0.87	0.837
25	4071	65			4.649	0.997	0.996	0.886	0.793
25	4095	65			16.605	0.999	1	0.999	0.999
25	0	65			3.41	0.844	0.847	0.851	0.847
26	26	65			3.517	0.851	0.86	0.846	0.862
26	4070	65			4.651	0.997	0.993	0.884	0.795
26	4095	65			16.605	0.999	1	1	1
26	0	65			3.413	0.852	0.84	0.85	0.847
27	27	65			3.467	0.845	0.848	0.849	0.832
27	4069	65			4.634	0.992	0.994	0.879	0.79
27	4095	65			16.609	1	1	1	1
27	0	65			3.432	0.854	0.859	0.851	0.852
28	28	65			3.469	0.836	0.85	0.837	0.834
28	4068	65			4.639	0.99	0.994	0.881	0.795
28	4095	65			16.603	0.999	1	1	0.999
28	0	65			3.434	0.856	0.853	0.854	0.852
29	29	65			3.53	0.851	0.832	0.846	0.853
29	4067	65			4.639	0.989	0.998	0.887	0.792
29	4095	65			16.609	1	1	1	1
29	0	65			3.425	0.854	0.849	0.85	0.853
30	30	65			3.507	0.856	0.854	0.845	0.863
30	4066	65			4.656	0.995	1.001	0.883	0.794
30	4095	65			16.606	0.999	0.999	1	0.999

30	0	65			3.392	0.846	0.846	0.827	0.845
31	31	65			3.467	0.82	0.844	0.834	0.844
31	4065	65			4.644	0.999	0.997	0.884	0.793
31	4095	65			16.606	1	1	0.999	1
31	0	65			3.423	0.851	0.859	0.839	0.853
32	32	65			3.209	0.834	0.853	0.772	0.834
32	4064	65			4.304	0.878	1.003	0.827	0.878
32	4095	65			31.176	1	0.999	1	0.999
33	33	65			3.069	0.834	0.834	0.765	0.834
33	4063	65			4.304	0.878	1	0.825	0.878
33	4095	65			16.518	1	1	1	1
33	0	65			3.069	0.834	0.834	0.759	0.834
34	34	65			3.112	0.827	0.827	0.746	0.827
34	4062	65			4.304	0.878	1.003	0.824	0.878
34	4095	65			16.518	1	1	1	1
34	0	65			3.07	0.834	0.834	0.748	0.834
35	35	65			3.138	0.816	0.816	0.758	0.83
35	4061	65			4.304	0.878	1	0.824	0.878
35	4095	65			16.517	1	1	1	1
35	0	65			3.07	0.834	0.834	0.762	0.834
36	36	65			3.112	0.827	0.827	0.767	0.827
36	4060	65			4.305	0.878	1.002	0.819	0.878
36	4095	65			16.518	1	1	1	1
36	0	65			3.069	0.834	0.834	0.755	0.834
37	37	65			3.138	0.825	0.816	0.758	0.825
37	4059	65			4.304	0.878	1	0.826	0.878
37	4095	65			16.517	1	1	1	1
37	0	65			3.07	0.834	0.834	0.766	0.834
38	38	65			3.137	0.804	0.815	0.747	0.829
38	4058	65			4.305	0.878	1	0.83	0.878
38	4095	65			16.517	1	0.999	0.999	0.999
38	0	65			3.069	0.834	0.834	0.761	0.834
39	39	65			3.138	0.834	0.834	0.749	0.814
39	4057	65			4.304	0.878	1	0.824	0.878



39	4095	65			16.517	1	0.999	1	1
39	0	65			3.07	0.834	0.834	0.767	0.834
40	40	65			3.138	0.816	0.808	0.756	0.834
40	4056	65			4.304	0.878	0.996	0.823	0.878
40	4095	65			16.517	1	0.999	1	1
40	0	65			3.07	0.834	0.834	0.759	0.834
41	41	65			3.138	0.834	0.834	0.756	0.82
41	4055	65			4.305	0.878	1	0.823	0.878
41	4095	65			16.518	1	1	1	1
41	0	65			3.069	0.834	0.834	0.756	0.834
42	42	65			3.138	0.821	0.816	0.755	0.823
42	4054	65			4.305	0.878	1	0.829	0.878
42	4095	65			16.517	1	0.999	1	1
42	0	65			3.069	0.834	0.834	0.759	0.834
43	43	65			3.138	0.834	0.834	0.755	0.832
43	4053	65			4.305	0.878	1	0.826	0.878
43	4095	65			16.518	1	1	0.999	0.999
43	0	65			3.07	0.834	0.834	0.764	0.834
44	44	65			3.138	0.816	0.816	0.748	0.821
44	4052	65			4.305	0.878	1	0.825	0.878
44	4095	65			16.517	1	1	1	1
44	0	65			3.069	0.834	0.834	0.758	0.834
45	45	65			3.138	0.816	0.815	0.748	0.826
45	4051	65			4.305	0.878	1	0.83	0.878
45	4095	65			16.517	1	1	1	1
45	0	65			3.07	0.834	0.834	0.765	0.834
46	46	65			3.138	0.816	0.818	0.747	0.823
46	4050	65			4.304	0.878	1	0.828	0.878
46	4095	65			16.518	1	1	1	1
46	0	65			3.07	0.834	0.834	0.764	0.834
47	47	65			3.138	0.834	0.834	0.762	0.834
47	4049	65			4.304	0.878	1	0.822	0.878
47	4095	65			16.518	1	0.999	1	1
47	0	65			3.07	0.834	0.834	0.765	0.834

48	48	65			3.138	0.834	0.823	0.753	0.834
48	4048	65			4.305	0.878	1	0.826	0.878
48	4095	65			16.517	1	1	1	1
48	0	65			3.07	0.834	0.834	0.759	0.834
49	49	65			3.137	0.834	0.833	0.748	0.814
49	4047	65			4.304	0.878	1	0.826	0.878
49	4095	65			16.518	1	0.999	1	1
49	0	65			3.07	0.834	0.834	0.765	0.834
50	50	65			3.071	0.816	0.816	0.748	0.816
50	4046	65			4.305	0.878	1	0.83	0.878
50	4095	65			16.517	0.999	0.999	1	1
50	0	65			3.069	0.834	0.834	0.76	0.834
51	51	65			3.138	0.834	0.834	0.764	0.826
51	4045	65			4.304	0.878	1	0.826	0.878
51	4095	65			16.518	0.999	1	0.999	1
51	0	65			3.07	0.834	0.834	0.767	0.834
52	52	65			3.138	0.816	0.815	0.758	0.832
52	4044	65			4.305	0.878	1	0.827	0.878
52	4095	65			16.518	1	0.999	0.999	0.999
52	0	65			3.07	0.834	0.834	0.767	0.834
53	53	65			3.086	0.82	0.802	0.742	0.82
53	4043	65			4.305	0.878	1	0.823	0.878
53	4095	65			16.518	1	1	1	0.999
53	0	65			3.07	0.834	0.834	0.764	0.834
54	54	65			3.138	0.816	0.815	0.741	0.816
54	4042	65			4.304	0.878	1.003	0.823	0.878
54	4095	65			16.518	0.999	1	1	0.999
54	0	65			3.07	0.834	0.834	0.76	0.834
55	55	65			3.137	0.815	0.816	0.738	0.816
55	4041	65			4.305	0.878	1	0.829	0.878
55	4095	65			16.518	1	0.999	0.999	0.999
55	0	65			3.07	0.834	0.834	0.761	0.834
56	56	65			3.138	0.834	0.826	0.752	0.816
56	4040	65			4.305	0.878	1	0.826	0.878

56	4095	65			16.517	0.999	0.999	1	0.999
56	0	65			3.07	0.834	0.834	0.76	0.834
57	57	65			3.138	0.816	0.815	0.747	0.816
57	4039	65			4.304	0.878	1	0.824	0.878
57	4095	65			16.518	1	1	1	0.999
57	0	65			3.07	0.834	0.834	0.763	0.834
58	58	65			3.138	0.832	0.815	0.754	0.815
58	4038	65			4.304	0.878	1	0.827	0.878
58	4095	65			16.517	0.999	0.999	1	1
58	0	65			3.069	0.834	0.834	0.762	0.834
59	59	65			3.138	0.825	0.819	0.748	0.825
59	4037	65			4.305	0.878	1	0.826	0.878
59	4095	65			16.518	1	1	1	1
59	0	65			3.07	0.834	0.834	0.764	0.834
60	60	65			3.137	0.834	0.834	0.758	0.822
60	4036	65			4.305	0.878	1	0.825	0.878
60	4095	65			16.518	1	1	1	1
60	0	65			3.07	0.834	0.834	0.763	0.834
61	61	65			3.137	0.834	0.834	0.755	0.834
61	4035	65			4.305	0.878	1	0.827	0.878
61	4095	65			16.517	1	1	1	0.999
61	0	65			3.07	0.834	0.834	0.765	0.834
62	62	65			3.137	0.834	0.815	0.759	0.834
62	4034	65			4.305	0.878	1	0.828	0.878
62	4095	65			16.518	1	1	1	1
62	0	65			3.07	0.834	0.834	0.767	0.834
63	63	65			3.138	0.825	0.823	0.757	0.815
63	4033	65			4.305	0.878	1	0.83	0.878
63	4095	65			16.517	1	0.999	0.999	0.999
63	0	65			3.07	0.834	0.834	0.759	0.834
64	64	65			2.629	1	1	0.638	0.801
96	0	65			2.947	1.095	1.095	0.711	0.845
96	96	65			2.936	0.993	0.994	0.693	0.815
128	128	65			2.961	0.987	0.998	0.698	0.822

160	0	65			4.699	0.945	0.952	0.953	0.949
160	160	65			4.913	0.997	0.997	0.994	0.996
192	0	65			4.27	0.976	1.162	0.867	0.839
192	192	65			4.273	0.989	1.16	0.849	0.86
224	0	65			4.935	0.998	1	0.99	0.997
224	224	65			4.947	1.001	0.999	1.001	1.001
256	256	65			4.274	0.994	1.173	0.863	0.867
288	0	65			8.757	0.983	0.982	0.98	0.981
288	288	65			8.765	0.992	0.991	0.989	0.985
320	0	65			6.227	0.995	0.992	0.995	0.901
320	320	65			6.263	1	1	0.995	0.904
352	0	65			8.821	0.989	0.988	0.991	0.992
352	352	65			8.793	0.987	0.986	0.988	0.986
384	0	65			6.224	0.98	0.996	0.992	0.899
384	384	65			6.23	0.99	0.986	0.995	0.902
416	0	65			8.784	0.986	0.986	0.991	0.991
416	416	65			8.767	0.985	0.985	0.988	0.984
448	0	65			6.217	0.996	0.968	0.996	0.903
448	448	65			6.238	0.993	0.996	0.988	0.897
480	0	65			8.793	0.979	0.988	0.985	0.998
480	480	65			8.796	0.986	0.989	0.988	0.993
512	512	65			6.243	0.995	0.991	0.994	0.904
544	0	65			11.388	0.987	0.985	0.995	0.994
544	544	65			11.388	1	1	0.999	0.998
576	0	65			8.791	0.99	0.994	0.989	0.995
576	576	65			8.824	0.995	0.997	0.991	0.996
608	0	65			11.288	0.979	0.987	0.99	0.986
608	608	65			11.379	0.993	0.997	0.996	0.992
640	0	65			8.72	0.98	0.985	0.984	0.99
640	640	65			8.788	0.992	0.993	0.986	0.994
672	0	65			11.409	0.993	0.994	0.998	0.999
672	672	65			11.237	0.984	0.985	0.977	0.986
704	0	65			8.773	0.99	0.987	0.987	0.995
704	704	65			8.795	0.996	0.996	0.997	0.996

736	0	65			11.382	0.998	0.999	0.998	0.998
736	736	65			13.845	0.985	0.989	0.988	0.99
768	0	65			8.757	0.992	0.988	0.99	0.985
768	768	65			8.652	0.98	0.981	0.978	0.979
800	0	65			13.827	0.984	0.983	0.986	0.988
800	800	65			13.774	0.983	0.982	0.985	0.986
832	0	65			11.247	0.983	0.985	0.983	0.985
832	832	65			11.306	0.99	0.99	0.99	0.987
864	0	65			13.784	0.984	0.982	0.979	0.984
864	864	65			13.746	0.98	0.982	0.983	0.979
896	0	65			11.288	0.988	0.987	0.99	0.988
896	896	65			11.284	0.986	0.984	0.988	0.989
928	0	65			13.822	0.987	0.987	0.986	0.987
928	928	65			13.782	0.984	0.984	0.983	0.99
960	0	65			11.273	0.989	0.986	0.987	0.985
960	960	65			11.274	0.987	0.989	0.988	0.987
992	0	65			13.799	0.982	0.985	0.986	0.987
992	992	65			16.42	0.986	0.993	0.989	0.992
14	1	65			3.54	0.846	0.899	0.869	0.835
1024	3	65			18.73	0.987	0.995	0.985	0.995
64	4	65			3.207	0.977	0.977	0.752	0.986
25	2	65			3.373	0.804	0.795	0.796	0.796
1	0	130			3.53	0.833	0.833	0.838	0.832
2	0	130			3.579	0.822	0.82	0.832	0.828
4	0	130			3.658	0.855	0.836	0.838	0.847
8	0	130			3.676	0.856	0.843	0.86	0.842
16	0	130			3.68	0.859	0.84	0.857	0.857
32	0	130			3.246	0.825	0.825	0.777	0.825
64	0	130			2.63	0.977	0.996	0.619	0.801
128	0	130			2.947	0.995	0.997	0.693	0.818
256	0	130			4.263	0.995	1.164	0.865	0.861
512	0	130			6.21	0.992	0.988	0.993	0.896
1024	0	130			11.364	0.995	0.995	0.993	0.994
2048	0	130			21.348	0.995	0.974	0.978	0.981

4096	0	130			51.604	0.979	0.969	0.984	0.976
8192	0	130			91.565	0.98	0.983	0.971	0.983
16384	0	130			170.895	0.982	0.976	0.981	0.982
32768	0	130			331.172	0.982	0.982	0.986	0.982
65536	0	130			2119.78	0.998	0.999	0.993	0.997
131072	0	130			4240.345	0.992	0.993	0.996	0.991
1	1	130			3.512	0.844	0.85	0.834	0.851
1	4095	130			4.913	0.992	0.989	0.89	0.994
2	2	130			3.573	0.865	0.851	0.851	0.845
2	4094	130			4.915	1.003	1.007	0.801	0.888
2	4095	130			17.122	0.537	0.537	0.537	0.537
3	3	130			3.609	0.868	0.854	0.857	0.852
3	4093	130			4.832	0.98	0.985	0.784	0.877
3	4095	130			17.115	0.997	0.998	0.964	0.998
3	0	130			3.572	0.846	0.847	0.866	0.851
4	4	130			3.547	0.844	0.856	0.849	0.843
4	4092	130			4.874	0.98	1	0.725	0.886
4	4095	130			31.869	1	0.999	1	1
5	5	130			3.596	0.856	0.873	0.855	0.855
5	4091	130			4.892	1	1.008	0.724	0.889
5	4095	130			17.079	1	0.999	0.963	1
5	0	130			3.638	0.873	0.862	0.868	0.862
6	6	130			3.606	0.861	0.861	0.867	0.858
6	4090	130			4.911	0.997	1.004	0.729	0.892
6	4095	130			17.081	1	0.999	0.965	1
6	0	130			3.605	0.862	0.868	0.859	0.858
7	7	130			3.559	0.845	0.855	0.85	0.844
7	4089	130			4.903	1.003	1.004	0.736	0.894
7	4095	130			17.085	1	1	0.968	1
7	0	130			3.574	0.852	0.864	0.858	0.843
8	8	130			3.547	0.858	0.846	0.843	0.854
8	4088	130			4.879	0.998	1.01	0.801	0.887
8	4095	130			31.869	1	1	1	1
9	9	130			3.596	0.862	0.861	0.861	0.859

9	4087	130			4.863	0.998	0.996	0.797	0.886
9	4095	130			17.024	0.999	0.999	0.999	0.999
9	0	130			3.567	0.856	0.841	0.86	0.852
10	10	130			3.575	0.846	0.852	0.858	0.851
10	4086	130			4.876	1.014	1.006	0.813	0.895
10	4095	130			17.01	0.999	0.998	0.999	0.998
10	0	130			3.575	0.857	0.852	0.866	0.856
11	11	130			3.58	0.855	0.862	0.845	0.85
11	4085	130			4.845	0.994	0.995	0.794	0.882
11	4095	130			16.852	0.989	0.99	0.99	0.99
11	0	130			3.572	0.856	0.843	0.859	0.856
12	12	130			3.58	0.855	0.867	0.867	0.861
12	4084	130			4.812	0.989	0.994	0.805	0.883
12	4095	130			16.717	0.982	0.992	0.981	0.998
12	0	130			3.562	0.846	0.848	0.853	0.862
13	13	130			3.55	0.848	0.849	0.854	0.857
13	4083	130			4.799	0.986	0.997	0.791	0.883
13	4095	130			16.687	0.98	0.991	0.977	0.995
13	0	130			3.543	0.848	0.853	0.858	0.843
14	14	130			3.579	0.862	0.862	0.849	0.862
14	4082	130			4.788	0.988	0.993	0.797	0.881
14	4095	130			16.688	0.98	0.998	0.991	0.998
14	0	130			3.566	0.859	0.841	0.848	0.856
15	15	130			3.544	0.847	0.855	0.846	0.85
15	4081	130			4.803	0.994	0.993	0.795	0.888
15	4095	130			16.67	0.998	0.999	0.998	0.995
15	0	130			3.55	0.86	0.845	0.837	0.857
16	16	130			3.571	0.86	0.859	0.85	0.859
16	4080	130			4.57	0.975	0.985	0.868	0.782
16	4095	130			31.176	0.999	1	0.999	0.999
17	17	130			3.404	0.855	0.851	0.846	0.844
17	4079	130			4.647	1	0.98	0.875	0.794
17	4095	130			16.613	0.999	0.999	1	1
17	0	130			3.471	0.871	0.864	0.861	0.867

18	18	130			3.51	0.864	0.855	0.864	0.852
18	4078	130			4.646	0.996	0.993	0.879	0.792
18	4095	130			16.608	0.999	1	1	1
18	0	130			3.46	0.862	0.843	0.86	0.862
19	19	130			3.526	0.858	0.851	0.848	0.845
19	4077	130			4.651	0.998	0.998	0.881	0.794
19	4095	130			16.604	1	1	1	1
19	0	130			3.426	0.854	0.855	0.852	0.852
20	20	130			3.493	0.848	0.842	0.843	0.849
20	4076	130			4.655	0.994	0.997	0.883	0.793
20	4095	130			16.608	0.999	1	0.999	0.999
20	0	130			3.07	0.77	0.766	0.761	0.767
21	21	130			3.466	0.849	0.839	0.844	0.852
21	4075	130			4.641	0.993	0.997	0.883	0.791
21	4095	130			16.605	0.999	0.999	0.999	0.999
21	0	130			3.433	0.856	0.855	0.853	0.861
22	22	130			3.517	0.854	0.851	0.853	0.833
22	4074	130			4.632	0.991	0.992	0.879	0.792
22	4095	130			16.608	1	1	1	1
22	0	130			3.438	0.861	0.854	0.859	0.861
23	23	130			3.511	0.86	0.845	0.861	0.814
23	4073	130			4.651	1.001	1	0.883	0.792
23	4095	130			16.608	0.999	1	1	1
23	0	130			3.469	0.866	0.862	0.858	0.862
24	24	130			3.46	0.837	0.826	0.851	0.845
24	4072	130			4.639	0.997	0.988	0.882	0.793
24	4095	130			16.606	1	0.999	0.999	1
24	0	130			3.418	0.854	0.852	0.849	0.849
25	25	130			3.52	0.856	0.851	0.847	0.863
25	4071	130			4.651	0.989	0.992	0.887	0.787
25	4095	130			16.61	0.999	1	1	1
25	0	130			3.427	0.854	0.846	0.851	0.854
26	26	130			3.466	0.841	0.826	0.828	0.841
26	4070	130			4.647	1.001	0.991	0.881	0.796



26	4095	130			16.608	0.999	1	1	1
26	0	130			3.408	0.846	0.845	0.847	0.842
27	27	130			3.447	0.831	0.837	0.848	0.848
27	4069	130			4.631	0.998	0.989	0.885	0.792
27	4095	130			16.604	1	1	0.999	0.999
27	0	130			3.41	0.85	0.851	0.849	0.848
28	28	130			3.563	0.865	0.858	0.863	0.874
28	4068	130			4.671	1.002	1	0.883	0.801
28	4095	130			16.609	1	0.999	1	1
28	0	130			3.411	0.853	0.851	0.85	0.85
29	29	130			3.496	0.854	0.858	0.839	0.823
29	4067	130			4.65	0.989	0.999	0.888	0.796
29	4095	130			16.607	1	1	1	1
29	0	130			3.402	0.845	0.848	0.846	0.844
30	30	130			3.509	0.84	0.844	0.856	0.849
30	4066	130			4.658	0.99	0.998	0.888	0.795
30	4095	130			16.606	0.999	1	1	1
30	0	130			3.414	0.849	0.852	0.852	0.849
31	31	130			3.496	0.835	0.844	0.838	0.85
31	4065	130			4.646	0.993	0.997	0.877	0.789
31	4095	130			16.607	1	0.999	1	0.999
31	0	130			3.426	0.861	0.859	0.851	0.855
32	32	130			3.209	0.834	0.834	0.758	0.834
32	4064	130			4.304	0.878	1.003	0.822	0.878
32	4095	130			31.177	1	1	1	0.999
33	33	130			3.07	0.834	0.834	0.768	0.834
33	4063	130			4.305	0.878	1.003	0.822	0.878
33	4095	130			16.517	0.999	1	1	0.999
33	0	130			3.07	0.834	0.834	0.759	0.834
34	34	130			3.137	0.834	0.815	0.768	0.834
34	4062	130			4.304	0.878	1	0.824	0.878
34	4095	130			16.518	1	0.999	0.999	1
34	0	130			3.07	0.834	0.834	0.762	0.834
35	35	130			3.138	0.834	0.834	0.758	0.834

35	4061	130			4.304	0.878	1	0.826	0.878
35	4095	130			16.517	1	1	1	0.999
35	0	130			3.07	0.834	0.834	0.764	0.834
36	36	130			3.07	0.798	0.807	0.741	0.798
36	4060	130			4.304	0.878	1.003	0.826	0.878
36	4095	130			16.518	1	1	1	1
36	0	130			3.07	0.834	0.834	0.763	0.834
37	37	130			3.137	0.817	0.823	0.756	0.822
37	4059	130			4.305	0.878	1.003	0.823	0.878
37	4095	130			16.518	1	1	1	1
37	0	130			3.069	0.834	0.834	0.761	0.834
38	38	130			3.137	0.817	0.834	0.748	0.834
38	4058	130			4.305	0.878	1.003	0.824	0.878
38	4095	130			16.518	1	0.999	0.999	0.999
38	0	130			3.07	0.834	0.834	0.767	0.834
39	39	130			3.138	0.832	0.834	0.754	0.834
39	4057	130			4.304	0.878	1.002	0.826	0.878
39	4095	130			16.517	0.999	0.999	0.999	0.999
39	0	130			3.07	0.834	0.834	0.763	0.834
40	40	130			3.138	0.834	0.834	0.76	0.834
40	4056	130			4.305	0.878	1.002	0.824	0.878
40	4095	130			16.517	1	1	1	1
40	0	130			3.069	0.834	0.834	0.764	0.834
41	41	130			3.138	0.825	0.804	0.737	0.816
41	4055	130			4.304	0.878	1.002	0.829	0.878
41	4095	130			16.519	0.999	0.999	0.999	0.999
41	0	130			3.07	0.834	0.834	0.766	0.834
42	42	130			3.138	0.832	0.816	0.763	0.825
42	4054	130			4.305	0.878	1	0.829	0.878
42	4095	130			16.518	1	0.999	1	1
42	0	130			3.07	0.834	0.834	0.767	0.834
43	43	130			3.138	0.816	0.816	0.762	0.825
43	4053	130			4.304	0.878	1	0.827	0.878
43	4095	130			16.518	1	0.999	1	0.999

43	0	130			3.069	0.834	0.834	0.762	0.834
44	44	130			3.138	0.834	0.825	0.756	0.834
44	4052	130			4.305	0.878	1.002	0.823	0.878
44	4095	130			16.518	0.999	0.999	0.999	0.999
44	0	130			3.069	0.834	0.834	0.762	0.834
45	45	130			3.137	0.834	0.823	0.75	0.83
45	4051	130			4.305	0.878	1	0.826	0.878
45	4095	130			16.519	0.999	0.999	0.999	1
45	0	130			3.07	0.834	0.834	0.763	0.834
46	46	130			3.138	0.834	0.827	0.752	0.834
46	4050	130			4.304	0.878	1	0.824	0.878
46	4095	130			16.518	0.999	1	1	0.999
46	0	130			3.069	0.834	0.834	0.765	0.834
47	47	130			3.138	0.816	0.816	0.759	0.816
47	4049	130			4.305	0.878	1.003	0.827	0.878
47	4095	130			16.518	0.999	0.999	1	0.999
47	0	130			3.069	0.834	0.834	0.749	0.834
48	48	130			3.138	0.816	0.821	0.746	0.816
48	4048	130			4.305	0.878	1	0.824	0.878
48	4095	130			16.525	0.999	1	1	1
48	0	130			3.07	0.834	0.834	0.767	0.834
49	49	130			3.104	0.816	0.816	0.746	0.807
49	4047	130			4.304	0.878	1	0.827	0.878
49	4095	130			16.52	0.999	1	0.999	1
49	0	130			3.07	0.834	0.834	0.768	0.834
50	50	130			3.138	0.816	0.827	0.753	0.817
50	4046	130			4.304	0.878	1	0.827	0.878
50	4095	130			16.526	0.999	0.999	1	1
50	0	130			3.069	0.834	0.834	0.76	0.834
51	51	130			3.138	0.823	0.816	0.748	0.826
51	4045	130			4.305	0.878	1	0.829	0.878
51	4095	130			16.518	0.999	1	1	1
51	0	130			3.07	0.834	0.834	0.763	0.834
52	52	130			3.137	0.834	0.829	0.759	0.834

52	4044	130			4.304	0.878	1	0.822	0.878
52	4095	130			16.517	1	1	1	1
52	0	130			3.07	0.834	0.834	0.767	0.834
53	53	130			3.138	0.818	0.828	0.747	0.816
53	4043	130			4.304	0.878	1	0.828	0.878
53	4095	130			16.518	1	1	1	1
53	0	130			3.069	0.834	0.834	0.767	0.834
54	54	130			3.126	0.812	0.821	0.737	0.812
54	4042	130			4.305	0.878	1	0.824	0.878
54	4095	130			16.518	0.999	0.999	1	1
54	0	130			3.07	0.834	0.834	0.762	0.834
55	55	130			3.138	0.825	0.815	0.734	0.736
55	4041	130			4.305	0.878	1	0.825	0.878
55	4095	130			16.518	0.999	0.999	1	1
55	0	130			3.07	0.817	0.834	0.764	0.834
56	56	130			3.138	0.825	0.816	0.742	0.819
56	4040	130			4.304	0.878	1	0.822	0.878
56	4095	130			16.517	1	1	1	1
56	0	130			3.069	0.834	0.834	0.763	0.834
57	57	130			3.137	0.815	0.823	0.754	0.819
57	4039	130			4.304	0.878	1	0.823	0.878
57	4095	130			16.518	0.999	1	1	1
57	0	130			3.07	0.834	0.834	0.761	0.834
58	58	130			3.137	0.834	0.834	0.763	0.825
58	4038	130			4.304	0.878	1	0.822	0.878
58	4095	130			16.517	0.999	1	1	0.999
58	0	130			3.07	0.834	0.834	0.764	0.834
59	59	130			3.138	0.816	0.823	0.765	0.822
59	4037	130			4.305	0.878	1	0.825	0.878
59	4095	130			16.517	1	0.999	1	1
59	0	130			3.07	0.834	0.834	0.763	0.834
60	60	130			3.138	0.825	0.822	0.759	0.816
60	4036	130			4.304	0.878	1	0.823	0.878
60	4095	130			16.518	1	0.999	1	0.999

60	0	130			3.069	0.834	0.834	0.77	0.834
61	61	130			3.137	0.816	0.815	0.743	0.816
61	4035	130			4.305	0.878	1	0.825	0.878
61	4095	130			16.519	0.999	1	1	0.999
61	0	130			3.07	0.834	0.834	0.766	0.834
62	62	130			3.138	0.816	0.834	0.75	0.834
62	4034	130			4.304	0.878	1	0.82	0.878
62	4095	130			16.517	1	0.999	1	0.999
62	0	130			3.07	0.834	0.834	0.763	0.834
63	63	130			3.138	0.834	0.834	0.757	0.813
63	4033	130			4.304	0.878	1	0.825	0.878
63	4095	130			16.518	0.999	0.999	0.999	0.999
63	0	130			3.07	0.834	0.834	0.764	0.834
64	64	130			2.629	1	1	0.668	0.801
96	0	130			2.937	0.999	1.091	0.746	0.863
96	96	130			2.944	0.999	1.001	0.694	0.812
128	128	130			2.97	0.997	0.99	0.693	0.825
160	0	130			4.699	0.949	0.953	0.934	0.952
160	160	130			4.931	0.997	0.992	0.998	0.999
192	0	130			4.286	1.001	1.173	0.86	0.862
192	192	130			4.276	0.998	1.177	0.866	0.863
224	0	130			4.934	0.972	0.978	0.975	0.998
224	224	130			4.923	0.998	0.993	0.996	0.992
256	256	130			4.292	0.999	1.181	0.871	0.865
288	0	130			8.785	0.987	0.987	0.99	0.985
288	288	130			8.8	0.988	0.989	0.989	0.992
320	0	130			6.23	0.995	0.992	0.993	0.898
320	320	130			6.255	0.999	0.979	0.999	0.902
352	0	130			8.808	0.989	0.987	0.988	0.988
352	352	130			8.799	0.992	0.994	0.987	0.989
384	0	130			6.234	0.995	0.987	0.992	0.901
384	384	130			6.256	0.994	0.999	0.998	0.894
416	0	130			8.796	0.988	0.987	0.988	0.987
416	416	130			8.792	0.989	0.988	0.993	0.99

448	0	130			6.239	0.978	0.998	0.999	0.903
448	448	130			6.251	0.987	0.998	0.995	0.904
480	0	130			8.79	0.994	0.986	0.995	0.987
480	480	130			8.821	0.991	0.992	0.998	0.998
512	512	130			6.238	0.996	0.996	0.995	0.906
544	0	130			11.415	0.996	0.999	0.997	0.994
544	544	130			11.37	0.992	0.993	0.992	0.993
576	0	130			8.819	0.989	0.989	0.996	0.994
576	576	130			8.871	0.998	1.002	1.002	1.001
608	0	130			11.366	0.995	0.986	0.992	0.995
608	608	130			11.366	0.995	0.993	0.993	0.993
640	0	130			8.732	0.991	0.986	0.987	0.987
640	640	130			8.795	0.992	0.993	0.995	0.995
672	0	130			11.372	0.996	0.996	0.997	0.993
672	672	130			11.251	0.988	0.987	0.987	0.988
704	0	130			8.744	0.992	0.992	0.992	0.992
704	704	130			8.812	0.999	0.995	0.991	0.993
736	0	130			11.353	0.994	0.996	0.996	0.997
736	736	130			13.823	0.989	0.983	0.987	0.988
768	0	130			8.735	0.99	0.991	0.983	0.986
768	768	130			8.769	0.985	0.993	0.992	0.992
800	0	130			13.818	0.986	0.982	0.984	0.987
800	800	130			13.79	0.981	0.985	0.986	0.986
832	0	130			11.243	0.986	0.982	0.982	0.986
832	832	130			11.387	0.997	0.996	0.998	0.996
864	0	130			13.961	0.995	0.996	0.995	0.997
864	864	130			13.815	0.985	0.989	0.988	0.988
896	0	130			11.33	0.993	0.99	0.991	0.991
896	896	130			11.272	0.983	0.984	0.989	0.987
928	0	130			13.82	0.988	0.988	0.984	0.988
928	928	130			13.777	0.985	0.984	0.986	0.99
960	0	130			11.297	0.984	0.992	0.99	0.988
960	960	130			11.262	0.982	0.989	0.987	0.987
992	0	130			13.794	0.983	0.984	0.988	0.993

992	992	130			16.336	0.984	0.983	0.996	0.995
14	1	130			3.372	0.856	0.856	0.817	0.796
1024	3	130			18.616	0.991	0.988	0.988	0.991
64	4	130			3.207	1	1	0.787	1
25	2	130			3.326	0.809	0.805	0.823	0.797
1056	0	195			16.387	0.989	0.978	0.988	0.988
1056	33	195			18.792	0.991	0.997	0.993	0.992
1184	0	195			16.385	0.988	0.984	0.984	0.995
1184	37	195			18.707	0.986	0.991	0.99	0.991
1312	0	195			18.844	0.981	0.98	0.977	0.978
1312	41	195			21.31	0.993	0.991	0.989	0.995
1440	0	195			18.808	0.974	0.976	0.98	0.987
1440	45	195			21.325	0.999	0.994	0.998	0.997
1568	0	195			21.307	0.977	0.975	0.971	0.977
1568	49	195			23.722	0.988	0.982	0.991	0.988
1696	0	195			21.408	0.987	0.99	0.973	0.979
1696	53	195			23.601	0.985	0.982	0.976	0.981
1824	0	195			23.998	0.984	0.992	0.98	0.978
1824	57	195			26.172	0.983	0.981	0.985	0.983
1952	0	195			24.064	0.985	0.987	0.985	0.991
1952	61	195			26.017	0.982	0.977	0.976	0.977
2080	0	195			42.741	0.994	0.986	0.981	0.991
2080	65	195			42.527	0.99	0.988	0.97	0.99
2208	0	195			43.143	0.988	0.987	0.979	0.981
2208	69	195			43.088	0.985	0.982	0.982	0.981
2336	0	195			44.018	0.999	0.991	0.987	0.986
2336	73	195			43.981	1	0.989	0.994	0.984
2464	0	195			44.585	0.998	0.988	0.983	0.983
2464	77	195			44.479	0.987	0.984	0.988	0.989
2592	0	195			45.087	0.986	0.99	0.976	0.985
2592	81	195			45.087	0.996	0.991	0.992	0.983
2720	0	195			45.803	0.994	0.985	0.978	0.989
2720	85	195			45.594	0.978	0.987	0.982	0.982
2848	0	195			46.669	0.998	0.996	0.993	0.987

2848	89	195			46.639	0.999	0.991	0.996	0.983
2976	0	195			47.011	0.984	0.986	0.986	0.982
2976	93	195			47.189	0.996	0.984	0.992	0.983
3104	0	195			47.717	0.986	0.973	0.974	0.99
3104	97	195			47.556	0.991	0.989	0.979	0.985
3232	0	195			48.232	0.982	0.982	0.98	0.983
3232	101	195			48.189	0.982	0.986	0.991	0.97
3360	0	195			48.914	0.982	0.973	0.982	0.981
3360	105	195			48.793	0.986	0.977	0.983	0.986
3488	0	195			50.324	0.988	0.994	0.992	0.986
3488	109	195			49.923	0.975	0.993	0.999	0.971
3616	0	195			50.847	0.977	0.978	0.995	0.984
3616	113	195			50.478	0.986	0.981	0.982	0.978
3744	0	195			52.661	0.974	0.972	0.999	0.979
3744	117	195			52.71	0.983	0.979	0.99	0.984
3872	0	195			53.406	0.982	0.984	0.987	0.984
3872	121	195			53.134	0.974	0.974	0.978	0.971
4000	0	195			54.991	0.978	0.972	0.982	0.977
4000	125	195			54.18	0.981	0.98	0.984	0.981
4128	0	195			56.078	0.973	0.976	0.983	0.965
4128	129	195			55.634	0.967	0.965	0.987	0.968
4256	0	195			57.142	0.965	0.968	0.981	0.966
4256	133	195			56.99	0.994	0.992	0.993	0.985
4384	0	195			58.541	0.972	0.968	0.993	0.98
4384	137	195			57.955	0.962	0.963	0.968	0.967
4512	0	195			59.336	0.963	0.957	0.981	0.967
4512	141	195			59.48	0.969	0.974	0.987	0.976
4640	0	195			60.591	0.968	0.972	0.98	0.976
4640	145	195			60.525	0.963	0.967	0.971	0.969
4768	0	195			61.612	0.959	0.96	0.976	0.978
4768	149	195			61.942	0.989	0.986	0.989	0.977
4896	0	195			63.06	0.975	0.978	0.984	0.976
4896	153	195			63.077	0.973	0.981	0.985	0.981
5024	0	195			64.196	0.974	0.97	0.988	0.969



5024	157	195			64.167	0.974	0.968	0.98	0.962
5152	0	195			65.424	0.98	0.974	0.988	0.973
5152	161	195			65.409	0.975	0.977	0.99	0.977
5280	0	195			66.612	0.965	0.979	0.983	0.978
5280	165	195			66.59	0.981	0.981	0.986	0.97
5408	0	195			67.927	0.966	0.971	0.985	0.968
5408	169	195			67.868	0.98	0.971	0.979	0.961
5536	0	195			69.11	0.965	0.971	0.986	0.983
5536	173	195			69.111	0.98	0.971	0.985	0.982
5664	0	195			70.369	0.981	0.97	0.989	0.969
5664	177	195			70.346	0.977	0.981	0.983	0.98
5792	0	195			71.364	0.973	0.981	0.984	0.988
5792	181	195			71.292	0.977	0.976	0.991	0.975
5920	0	195			72.861	0.974	0.965	0.987	0.981
5920	185	195			72.894	0.983	0.978	0.986	0.98
6048	0	195			73.82	0.968	0.975	0.992	0.952
6048	189	195			73.871	0.979	0.967	0.981	0.98
6176	0	195			75.039	0.987	0.969	0.991	0.982
6176	193	195			75.09	0.986	0.975	0.99	0.994
6304	0	195			76.613	0.978	0.962	0.99	0.981
6304	197	195			76.688	0.989	0.987	0.991	0.97
6432	0	195			77.822	0.976	0.985	0.996	0.977
6432	201	195			77.811	0.982	0.979	0.991	0.991
6560	0	195			79.121	0.984	0.972	0.987	0.979
6560	205	195			79.103	0.975	0.976	0.988	0.988
6688	0	195			80.088	0.989	0.978	0.991	0.983
6688	209	195			80.077	0.979	0.983	0.998	0.985
6816	0	195			81.718	0.98	0.975	0.989	0.969
6816	213	195			81.604	0.983	0.986	0.994	0.984
6944	0	195			83.318	0.985	0.981	1	1.003
6944	217	195			82.858	0.971	0.982	1	0.975
7072	0	195			83.659	0.983	0.967	0.988	0.996
7072	221	195			83.649	0.968	0.982	0.99	0.979
7200	0	195			85.075	0.971	0.973	0.983	0.992

7200	225	195			85.226	0.983	0.983	0.98	0.984
7328	0	195			86.5	0.977	0.98	0.993	0.979
7328	229	195			86.598	0.98	0.982	0.998	0.964
7456	0	195			87.622	0.981	0.986	0.994	0.978
7456	233	195			87.783	0.976	0.975	0.993	0.971
7584	0	195			89.651	0.982	0.993	1.001	0.991
7584	237	195			89.052	0.97	0.974	0.992	0.982
7712	0	195			90.662	0.985	0.99	1.009	0.988
7712	241	195			90.303	0.987	0.989	1	0.988
7840	0	195			91.625	0.992	0.985	1.001	0.98
7840	245	195			91.886	0.979	0.985	1.009	0.982
7968	0	195			92.657	0.996	0.981	0.997	0.982
7968	249	195			92.285	0.975	0.981	1.008	0.987
8096	0	195			94.541	0.985	0.986	1.005	0.987
8096	253	195			94.044	0.965	0.981	1.001	0.975