

Pivot Table_results_1_2

						8	156.805	124.475	63.942	151.323	124.026	31.775	97%	100%	50%
						16	240.316	232.324	123.186	247.496	238.149	74.843	103%	103%	61%
						32	287.367	446.189	244.29	289.822	445.299	137.342	101%	100%	56%
						52	305.133	704.7	387.436	303.424	711.896	260.189	99%	101%	67%
						72	308.154	945.598	527.202	303.52	985.176	319.831	98%	104%	61%
						92	291.946	1149.76	682.524	284.849	1214.342	399.855	98%	106%	59%
						112	283.586	1288.604	736.116	271.269	1295.345	473.447	96%	101%	64%
			16	16	100	2	109.563	126.503	22.392	48.431	48.072	16.985	44%	38%	76%
						4	71.785	71.947	32.354	68.995	69.169	18.295	96%	96%	57%
						8	127.553	127.71	67.056	123.828	123.898	28.349	97%	97%	42%
						16	239.95	235.759	129.015	234.267	234.216	52.596	98%	99%	41%
						32	466.977	464.755	261.189	458.719	456.549	94.002	98%	98%	36%
						52	746.975	737.756	417.874	734.24	734.81	162.588	98%	100%	39%
						72	1022.805	1016.741	570.446	1007.802	1003.266	223.188	99%	99%	39%
						92	1303.442	1290.26	732.153	1285.165	1277.52	261.3	99%	99%	36%
						112	1401.84	1390.475	786.005	1377.067	1376.009	283.797	98%	99%	36%
				256	100	2	74.769	126.456	22.834	47.3	47.575	17.261	63%	38%	76%
						4	83.364	69.77	30.429	61.557	69.454	16.183	74%	100%	53%
						8	124.196	124.048	63.497	100.026	123.042	24.635	81%	99%	39%
						16	206.105	232.81	123.864	166.723	229.505	45.629	81%	99%	37%
						32	386.699	449.658	250.056	312.082	444.716	83.691	81%	99%	33%
						52	580.432	715.492	396.872	486.068	713.773	145.585	84%	100%	37%
						72	776.356	984.903	541.04	639.3	979.249	199.526	82%	99%	37%
						92	1000.906	1270.711	697.493	831.838	1259.81	237.085	83%	99%	34%
						112	1029.291	1349.982	745.315	791.971	1341.879	249.796	77%	99%	34%
				4096	100	2	86.035	126.238	22.248	48.368	46.849	15.848	56%	37%	71%
						4	112.248	70.755	31.327	90.707	70.42	16.116	81%	100%	51%
						8	166.988	126.831	64.156	137.366	123.971	25.343	82%	98%	40%
						16	239.717	230.321	123.796	215.466	229.931	46.634	90%	100%	38%
						32	292.733	448.214	245.322	271.548	443.877	84.908	93%	99%	35%
						52	298.856	707.087	393.807	282.326	703.34	136.578	94%	99%	35%
						72	311.568	959.838	527.61	299.998	974.645	187.156	96%	102%	35%
						92	287.71	1179.594	683.964	287.552	1233.186	230.276	100%	105%	34%
						112	270.264	1222.435	727.558	271.484	1314.743	238.534	100%	108%	33%
			32	16	100	2	108.831	125.605	22.213	48.226	47.812	16.291	44%	38%	73%
						4	72.578	71.087	32.42	71.469	70.094	17.429	98%	99%	54%
						8	127.496	127.793	66.511	123.687	124.231	29.39	97%	97%	44%
						16	239.799	239.217	130.169	234.293	231.409	52.655	98%	97%	40%
						32	466.889	465.698	259.449	453.927	445.62	98.456	97%	96%	38%
						52	744.328	746.749	414.551	725.622	720.177	162.454	97%	96%	39%
						72	1025.418	1026.284	567.714	1000.084	994.798	223.908	98%	97%	39%
						92	1299.582	1299.379	726.324	1283.063	1260.207	275.982	99%	97%	38%
						112	1408.223	1390.704	786.295	1359.778	1350.883	282.873	97%	97%	36%
				256	100	2	74.961	126.845	22.575	47.165	46.432	15.244	63%	37%	68%
						4	83.898	70.523	30.91	67.428	69.236	15.084	80%	98%	49%
						8	123.865	124.244	63.471	91.985	121.342	26.299	74%	98%	41%
						16	204.91	232.074	123.603	140.142	231.248	45.45	68%	100%	37%
						32	382.665	441.716	250.379	280.743	446.208	84.31	73%	101%	34%
						52	584.36	718.201	398.283	444.052	710.116	143.445	76%	99%	36%
						72	797.998	988.04	540.647	578.612	972.062	193.098	73%	98%	36%
						92	1006.375	1256.156	693.795	738.946	1233.726	240.684	73%	98%	35%
						112	1023.872	1357.227	746.834	756.926	1322.049	246.89	74%	97%	33%
				4096	100	2	86.33	126.134	22.948	47.809	47.179	16.524	55%	37%	72%
						4	111.002	69.856	31.477	98.472	68.871	16.726	89%	99%	53%
						8	159.562	125.031	63.963	111.9	123.964	26.703	70%	99%	42%
						16	247.894	232.62	123.507	202.74	231.185	44.384	82%	99%	36%
						32	288.561	449.267	245.206	269.401	444.009	84.533	93%	99%	34%
						52	302.335	699.534	388.031	284.47	701.161	137.491	94%	100%	35%
						72	300.984	963.024	529.499	298.253	959.708	188.93	99%	100%	36%
						92	279.856	1216.078	674.56	282.221	1226.119	225.463	101%	101%	33%
						112	284.516	1225.73	734.404	274.074	1313.027	241.615	96%	107%	33%
cyclic-fuzz	0	4096	1	16	100	2	128.117	143.1	29.028	124.545	143.013	28.279	97%	100%	97%
						4	180.359	182.423	47.72	181.344	186.613	47.352	101%	102%	99%
						8	290.964	272.01	82.32	293.201	276.514	81.636	101%	102%	99%
						16	509.351	447.089	152.633	506.896	447.928	153.528	100%	100%	101%
						32	953.753	793.27	300.114	949.109	783.594	299.563	100%	99%	100%
						52	1466.627	1180.105	480.905	1480.326	1178.315	473.321	101%	100%	98%
						72	2045.359	1466.787	661.381	2035.126	1455.018	658.099	99%	99%	100%
						92	2554.193	1745.116	849.379	2615.021	1688.338	833.087	102%	97%	98%
						112	2721.51	2737.862	903.088	2701.074	2726.609	880.312	99%	100%	97%
				256	100	2	103.541	140.629	26.79	104.833	140.956	27.557	101%	100%	103%
						4	107.873	181.421	45.182	108.183	181.862	46.237	100%	100%	102%
						8	140.518	270.716	81.329	141.612	266.417	79.99	101%	98%	98%
						16	206.853	440.276	147.572	208.342	427.546	145.242	101%	97%	98%
						32	359.766	773.553	283.486	360.177	784.245	286.353	100%	101%	101%
						52	530.462	1160.147	455.465	539.376	1147.189	454.412	102%	99%	100%
						72	689.742	1432.984	622.559	700.149	1417.528	626.508	102%	99%	101%
						92	853.027	1686.194	794.144	862.181	1698.1	788.889	101%	101%	99%
						112	855.768	880.551	844.671	858.195	867.123	850.759	100%	98%	101%
				4096	100	2	85.344	141.361	27.49	85.711	142.18	28.525	100%	101%	104%
						4	128.786	182.494	46.285	126.535	183.419	46.467	98%	101%	100%
						8	136.297	267.548	77.775	134.493	270.736	78.752	99%	101%	101%
						16	271.012	430.103	146.74	272.469	438.441	144.548	101%	102%	99%
						32	311.373	785.559	286.873	311.612	782.113	287.585	100%	100%	100%
						52	325.751	1154.221	450.831	321.566	1148.876	445.809	99%	100%	99%
						72	306.299	1404.001	621.81	308.587	1433.259	618.094	101%	102%	99%
						92	253.952	1670.951	793.684	250.717	1657.632	779.313	99%	99%	98%
						112	239.675	243.688	835.298	245.437	249.572	243.315	102%	102%	29%
			16	16	100	2	126.939	142.498	28.589	60.817	60.605	20.57	48%	43%	72%
						4	181.732	185.18	49.196	89.549	89.109	30.524	49%	48%	62%
						8	291.052	272.297	81.658	149.945	143.095	55.655	52%	53%	68%
						16	509.955	447.19	152.604	217.13	250.127	105.843	43%	56%	69%
						32	973.948	790.382	300.346	378.208	469.041	208.395	39%	59%	69%
						52	1486.82	1197.125	470.448	564.078	735.793	346.32	38%	61%	74%
						72	2054.42	1459.823	645.589	707.188	956.621	449.978	34%	66%	70%
						92	2561	1685.058	834.522	855.997	1083.132	569.863	33%		

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						92	994.515	1707.291	791.682	876.561	1078.181	539.076	88%	63%	68%
						112	909.274	866.945	854.203	913.696	1005.754	551.239	100%	116%	65%
						2	86.042	140.759	28.679	64.605	60.691	20.741	75%	43%	72%
						4	130.286	182.23	46.522	123.575	87.037	29.516	95%	48%	63%
						8	133.904	269.029	79.447	140.538	142.585	53.701	105%	53%	68%
						16	276.907	442.762	147.574	276.977	243.172	101.122	100%	55%	69%
						32	320.043	762.167	283.53	318.537	450.346	191.872	100%	59%	68%
						52	333.857	1144.582	452.223	352.432	732.774	318.558	106%	64%	70%
						72	317.518	1457.773	620.043	324.546	900.828	416.915	102%	62%	67%
						92	260.805	1727.536	791.898	255.063	1023.471	537.582	98%	59%	68%
						112	271.396	238.575	862.87	251.587	250.833	244.305	93%	105%	28%
						2	129.862	141.308	28.578	53.092	53.487	20.677	41%	38%	72%
						4	181.906	182.024	47.542	70.077	69.29	40.669	39%	38%	86%
						8	294.367	272.733	81.421	123.314	121.872	84.299	42%	45%	104%
						16	509.596	440.185	153.096	235.835	208.42	136.95	46%	47%	89%
						32	949.42	810.466	295.934	367.807	384.407	237.384	39%	47%	80%
						52	1488.581	1217.01	472.658	478.757	589.543	383.403	32%	48%	81%
						72	2063.454	1447.361	652.929	574.34	791.15	483.713	28%	55%	74%
						92	2588.092	1711.774	841.518	623.386	960.869	616.523	24%	56%	73%
						112	2750.436	2738.801	897.518	585.176	987.402	616.798	21%	36%	69%
						2	105.739	138.896	28.167	53.144	52.956	20.334	50%	38%	72%
						4	109.796	184.103	45.975	68.194	67.857	37.456	62%	37%	81%
						8	140.869	265.779	78.586	128.656	118.272	81.574	91%	45%	104%
						16	211.567	440	148.936	231.83	202.729	129.428	110%	46%	87%
						32	372.045	788.122	292.31	358.394	373.051	222.396	96%	47%	76%
						52	540.382	1187.193	453.74	454.712	571.654	358.057	84%	48%	79%
						72	701.275	1412.518	621.276	554.035	783.161	462.348	79%	55%	74%
						92	883.216	1701.462	794.726	543.18	924.908	582.172	62%	54%	73%
						112	865.504	881.516	858.335	543.875	952.448	588.617	63%	108%	69%
						2	85.484	141.281	27.326	53.273	52.608	20.471	62%	37%	75%
						4	129.342	185.021	46.504	68.725	68.74	38.038	53%	37%	82%
						8	134.318	272.159	80.597	155.501	119.841	81.645	116%	44%	101%
						16	271.2	430.001	144.207	312.76	202.141	131.985	115%	47%	92%
						32	315.747	788.088	288.081	354.623	367.069	218.461	112%	47%	76%
						52	326.076	1179.784	454.094	333.451	574.704	352.198	102%	49%	78%
						72	308.338	1400.326	614.033	300.578	764.992	456.732	97%	55%	74%
						92	258.719	1681.626	799.473	262.154	920.265	571.118	101%	55%	71%
						112	249.449	243.906	841.603	253.28	245.071	247.52	102%	100%	29%
						2	127.627	145.393	28.862	130.336	143.992	28.46	102%	99%	99%
						4	81.74	81.767	38.11	81.403	80.883	21.441	100%	99%	56%
						8	136.38	136.622	70.753	138.315	138.092	37.438	101%	101%	53%
						16	249.484	249.735	134.072	249.454	250.261	81.929	100%	100%	61%
						32	474.925	472.035	264.31	475.294	475.616	155.699	100%	101%	59%
						52	755.461	750.752	422.843	756.485	752.458	292.681	100%	100%	69%
						72	1036.946	1044.985	573.092	1036.06	1031.1	348.57	100%	99%	61%
						92	1310.424	1313	736.501	1314.792	1317.788	453.925	100%	100%	62%
						112	1396.54	1392.693	789.511	1406.125	1394.455	516.544	101%	100%	65%
						2	107.287	141.785	27.83	109.794	144.025	28.717	102%	102%	103%
						4	87.22	80.391	36.703	87.549	80.231	20.344	100%	100%	55%
						8	126.253	135.441	69.169	127.263	134.709	33.584	101%	99%	49%
						16	210.549	240.045	128.439	218.809	243.774	75.287	104%	102%	59%
						32	396.256	457.168	254.105	402.01	461.314	144.811	101%	101%	57%
						52	588.155	729.636	402.76	583.091	732.547	267.498	99%	100%	66%
						72	804.898	999.584	544.276	808.77	1001.752	324.32	100%	100%	60%
						92	1016.487	1277.289	702.964	1017.903	1270.671	411.255	100%	99%	59%
						112	1030.317	1345.312	746.779	1023.743	1359.684	484.321	99%	101%	65%
						2	85.496	140.05	28.015	88.096	144.189	28.233	103%	103%	101%
						4	116.269	80.761	38.984	119.533	80.889	20.33	103%	100%	52%
						8	177.006	134.504	69.591	171.768	133.173	34.473	97%	99%	50%
						16	254.058	241.531	128.895	254.066	244.643	75.279	100%	101%	58%
						32	294.153	457.618	255.057	287.941	457.279	143.124	98%	100%	56%
						52	302.694	709.875	392.801	298.18	731.7	270.254	99%	103%	69%
						72	296.742	966.438	531.99	298.495	984.227	315.933	101%	102%	59%
						92	289.899	1215.134	666.448	290.314	1260.887	404.799	100%	104%	61%
						112	283.395	1274.082	728.737	286.673	1336.602	457.57	101%	105%	63%
						2	129.215	143.918	28.931	61.452	63.301	20.682	48%	44%	71%
						4	82.61	81.384	38.322	80.24	80.173	18.47	97%	99%	48%
						8	137.41	136.308	71.626	134.647	133.304	30.233	98%	98%	42%
						16	249.128	246.402	133.515	245.755	245.945	55.385	99%	100%	41%
						32	476.375	473.136	267.821	473.012	463.093	103.941	99%	98%	39%
						52	754.749	748.483	422.001	747.16	736.835	161.535	99%	98%	38%
						72	1030.977	1025.828	574.442	1021.496	1019.192	215.863	99%	99%	38%
						92	1321.164	1299.704	735.672	1300.905	1291.342	263.137	98%	99%	36%
						112	1401.649	1389.029	788.425	1387.994	1374.071	287.157	99%	99%	36%
						2	107.204	143.401	27.696	63.93	60.985	21.034	60%	43%	76%
						4	88.684	80.166	37.239	71.347	79.322	16.939	80%	99%	45%
						8	127.428	135.507	69.01	105.447	133.936	26.82	83%	99%	39%
						16	214.025	240.881	129.467	168.847	242.584	45.387	79%	101%	35%
						32	402.746	464.013	253.241	327.595	459.078	85.359	81%	99%	34%
						52	598.285	728.626	400.347	481.321	725.727	141.924	80%	100%	35%
						72	785.297	1004.728	547.674	655.933	997.117	195.301	84%	99%	36%
						92	1006.783	1276.507	703.55	824.036	1266.174	230.036	82%	99%	33%
						112	1019.138	1344.03	747.798	827.522	1346.105	257.462	81%	100%	34%
						2	88.607	142.288	29.076	69.505	61.174	21.196	78%	43%	73%
						4	119.413	81.605	37.151	98.118	80.069	18.539	82%	98%	50%
						8	171.011	135.095	68.721	137.772	132.742	27.354	81%	98%	40%
						16	254.238	241.982	129.25	221.53	239.97	46.536	87%	99%	36%
						32	289	458.195	251.523	278.576	453.243	83.364	96%	99%	33%
						52	306.498	717.256	394.289	284.273	715.88	138.304	93%	100%	35%
						72	305.492	967.919	532.151	294.244	989.431	189.728	96%	102%	36%
						92	290.429	1201.44	654.447	280.834	1242.933	232.04	97%	103%	35%
						112	292.977	1273.648	723.92	283.773	1281.825	232.099	97%	101%	32%
						2	130.529	144.088	29.169	55.185	53.895	22.193	42%	37%	76%
						4	82.148	82.407	38.235	80.236	79.246	18.438	98%	96%	48%
						8	138.35	138.685	71.317	132.933	137.494	31.393	96%	99%	44%
						16	248.982	249.328	134.934	242.276	239.41	52.673	97%	96%	39%
						32	480.05	474.336	267.041	467.677	459.059	102.881	97%	97%	39%
						52	752.703	759.168	421.573	735.967	732.723	166.272	98%	97%	39%
						72	1034.086	1036.44	574.204	1010.507	1007.966	225.588	98%	97%	39%
						92	1314.912	1327.208	737.829	1284.639	1266.074	274.819	98%	95%	37%
						112	1393.087	1396.331	786.994	1365.153	1360.714	293.829	98%	97%	37%
						2	106.86	139.77	28.042	54.095	53.271	20.663	51%	38%	74%
						4	88.677	80.818	36.53	70.119	78.372	17.62	79%	97%	48%
						8	127.532	133.181	68.391	93.74	131.495	27.253	74%	99%	40%

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						16	217.221	242.406	129.348	147.303	236.575	48.529	68%	98%	38%
						32	400.477	463.763	253.336	289.049	451.093	88.169	72%	97%	35%
						52	593.898	734.771	401.708	442.963	707.113	143.322	75%	96%	36%
						72	806.31	1002.831	544.572	582.274	974.445	193.634	72%	97%	36%
						92	1034.705	1266.39	698.785	757.003	1243.671	238.891	73%	98%	34%
						112	1023.034	1353.765	748.665	767.437	1329.238	245.821	75%	98%	33%
				4096	100	2	87.712	143.278	28.833	54.672	54.647	20.453	62%	38%	71%
						4	121.757	79.886	37.744	108.666	80.406	18.036	89%	101%	48%
						8	180.076	135.41	69.905	136.237	132.138	27.477	76%	98%	39%
						16	245.091	243.697	128.287	192.557	239.715	45.928	79%	98%	36%
						32	286.679	450.988	250.778	261.564	454.255	86.108	91%	101%	34%
						52	305.815	708.333	391.476	298.716	711.379	143.458	98%	100%	37%
						72	305.018	950.582	530.368	291.829	970.851	185.267	96%	102%	35%
						92	290.014	1224.635	668.955	283.186	1232.735	232.53	98%	101%	35%
						112	273.099	1241.637	731.843	272.581	1300.285	238.771	100%	105%	33%
linear	0	4096	1	16	10000	2	1.45	1.332	0.966	1.582	1.754	1.176	109%	132%	122%
						4	1.7	2.048	1.082	2.035	1.785	1.262	120%	87%	117%
						8	3.068	2.543	1.495	3.316	2.9	1.749	108%	114%	117%
						16	5.312	4.466	2.209	5.423	4.535	2.467	102%	102%	112%
						32	9.83	7.612	3.664	9.616	7.549	4	98%	99%	109%
						64	18.62	13.56	6.518	17.975	13.581	6.597	97%	100%	101%
						128	35.228	24.718	11.984	35.425	27.136	12.407	101%	110%	104%
						256	67.883	46.91	23.32	70.016	44.728	23.248	103%	95%	100%
						512	140.03	89.9	47.613	140.391	93.716	45.459	100%	104%	95%
						1024	278.474	186.767	90.341	274.384	182.87	88.975	99%	98%	98%
						2048	551.363	355.892	190.184	559.65	341.232	182.651	102%	96%	96%
						4048	1104.235	690.604	357.009	1118.474	713.091	357.027	101%	103%	100%
						6048	1639.528	1033.021	537.48	1625.469	1005.063	526.676	99%	97%	98%
						8048	2174.429	1385.149	719.308	2194.443	1383.068	714.256	101%	100%	99%
						10048	2703.887	2699.543	886.149	2729.944	2707.441	881.145	101%	100%	99%
				256	10000	2	0.993	1.618	0.965	1.241	1.616	1.215	125%	100%	126%
						4	1.55	1.871	1.103	1.502	1.959	1.379	97%	105%	125%
						8	2.007	2.5	1.59	1.7	3.037	1.755	85%	121%	110%
						16	2.749	4.463	2.293	2.704	4.269	2.452	98%	96%	107%
						32	3.942	7.808	3.774	3.945	7.462	4.133	100%	96%	110%
						64	6.924	13.731	6.319	6.919	13.54	6.746	100%	99%	107%
						128	12.138	23.946	11.964	12.322	25.868	12.111	102%	108%	101%
						256	23.532	45.671	23.546	23.215	48.219	23.726	99%	106%	101%
						512	44.755	89.465	43.972	42.849	89.93	44.762	96%	101%	102%
						1024	84.168	175.413	87.722	81.071	177.987	86.997	96%	101%	99%
						2048	158.994	358.631	177.123	170.554	350.372	171.758	107%	98%	97%
						4048	278.159	709.497	346.917	289.009	687.966	338.921	104%	97%	98%
						6048	437.648	1019.651	512.834	486.384	1047.989	510.95	111%	103%	100%
						8048	588.845	1393.325	684.123	591.32	1368.972	680.177	100%	98%	99%
						10048	832.825	851.64	852.318	838.651	854.522	847.599	101%	100%	99%
				4096	10000	2	1.361	1.612	1.037	1.289	1.623	1.112	95%	101%	107%
						4	1.835	1.842	1.076	1.694	2.005	1.351	92%	109%	126%
						8	1.687	2.694	1.642	2.124	2.787	1.767	126%	103%	108%
						16	2.764	4.39	2.622	2.831	4.554	2.559	102%	104%	98%
						32	3.403	7.893	3.572	3.587	7.467	3.76	105%	95%	105%
						64	5.438	13.869	8.15	5.405	13.955	7.074	99%	101%	87%
						128	6.745	24.635	11.629	6.573	25.272	12.64	97%	103%	109%
						256	10.255	47.621	23.757	9.614	45.83	23.368	94%	96%	98%
						512	16.557	86.851	44.773	15.979	88.293	45.081	97%	102%	101%
						1024	27.636	182.997	85.144	28.197	178.711	87.945	102%	98%	103%
						2048	51.96	354.217	175.017	53.707	355.861	173.489	103%	100%	99%
						4048	99.638	647.046	346.818	100.322	715.572	343.909	101%	111%	99%
						6048	146.266	1010.312	525.222	150.606	1025.15	515.874	103%	101%	98%
						8048	196.511	1371.969	678.172	195.774	1357.073	674.461	100%	99%	99%
						10048	247.038	248.794	834.294	253.22	238.784	252.944	103%	96%	30%
				16	16	2	1.587	1.605	0.956	1.28	1.169	1.39	81%	73%	145%
						4	2.165	1.744	1.105	1.606	1.701	1.681	74%	98%	152%
						8	3.111	2.581	1.445	2.004	2.098	2.074	64%	81%	144%
						16	5.425	4.463	2.389	2.962	3.351	3.005	55%	75%	126%
						32	9.537	7.718	3.66	4.232	5.242	3.935	44%	68%	108%
						64	20.609	13.64	6.508	7.535	9.518	6.41	37%	70%	98%
						128	40.361	23.85	12.114	13.196	15.151	9.513	33%	64%	79%
						256	69.394	47.481	23.108	23.057	29.096	16.59	33%	61%	72%
						512	138.953	91.685	46.077	45.006	52.246	32.073	32%	57%	70%
						1024	275.659	178.842	89.34	88.435	98.087	63.244	32%	55%	71%
						2048	555.365	360.396	181.079	154.785	211.672	121.094	28%	59%	67%
						4048	1108.103	696.362	354.699	295.894	402.489	238.719	27%	58%	67%
						6048	1638.812	1028.625	530.613	532.697	591.915	359.112	33%	58%	68%
						8048	2209.784	1401.52	716.759	612.683	790.962	477.831	28%	56%	67%
						10048	2705.34	2727.632	888.948	887.507	1066.512	588.225	33%	39%	66%
				256	10000	2	1.217	1.542	0.874	1.32	1.184	1.16	108%	77%	133%
						4	1.559	1.969	0.953	1.649	1.622	1.553	106%	82%	163%
						8	1.686	2.739	1.678	2.042	2.027	2.229	121%	74%	133%
						16	2.661	4.341	2.309	2.594	3.103	2.998	97%	71%	130%
						32	3.999	7.847	3.656	3.933	5.561	3.831	98%	71%	105%
						64	8.122	13.571	6.399	6.958	9.336	5.837	86%	69%	91%
						128	12.199	24.068	11.572	17.047	15.487	9.262	140%	64%	80%
						256	23.134	47.162	24.002	25.584	28.192	16.734	111%	60%	70%
						512	55.433	87.951	44.81	42.994	52.73	30.88	78%	60%	69%
						1024	97.242	179.027	87.659	87.481	97.363	58.147	90%	54%	66%
						2048	191.853	366.181	172.016	151.718	189.206	114.179	79%	52%	66%
						4048	355.103	685.481	341.069	295.514	359	224.267	83%	52%	66%
						6048	508.741	1024.761	506.608	512.488	590.872	329.451	101%	58%	65%
						8048	668.153	1379.404	676.385	624.902	776.287	434.019	94%	56%	64%
						10048	937.783	843.741	831.78	935.331	1000.196	547.439	100%	119%	66%
				4096	10000	2	1.189	1.657	1.047	1.605	1.252	1.151	135%	76%	110%
						4	1.656	1.967	1.043	1.884	1.606	1.742	114%	82%	167%
						8	1.858	2.988	1.533	1.728	2.102	2.283	93%	70%	149%
						16	2.894	4.576	2.192	2.48	3.176	2.821	86%	69%	129%
						32	3.719	7.957	3.79	3.547	5.23	4	95%	66%	106%
						64	6.091	13.749	6.63	5.28	9.896	5.7	87%	72%	86%
						128	6.608	24.162	12.346	6.517	15.477	9.765	99%	64%	79%
						256	10.383	45.76	23.911	10.099	31.311	16.579	97%	68%	69%
						512	15.298	90.844	43.8	15.74	56.633	30.367	103%	62%	69%

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32	16	10000	10048	250.196	242.428	824.687	252.748	237.311	238.042	101%	98%	29%
			2	1.534	1.278	0.936	1.025	1.302	1.279	67%	102%	137%
			4	2.014	2.037	1.178	1.529	1.557	1.648	76%	76%	140%
			8	3.231	2.916	1.549	2.225	2.187	2.298	69%	75%	148%
			16	5.456	4.459	2.317	2.777	3.202	3.087	51%	72%	133%
			32	9.739	7.736	3.558	3.836	4.786	4.278	39%	62%	120%
			64	18.056	13.46	6.525	6.447	7.986	6.008	36%	59%	92%
			128	36.066	24.959	12.201	10.186	14.719	9.824	28%	59%	81%
			256	69.606	48.792	22.997	17.7	27.425	17.959	25%	56%	78%
			512	138.953	92.449	44.976	30.673	49.937	30.886	22%	54%	69%
			1024	280.955	178.235	89.692	58.066	93.526	56.62	21%	52%	63%
			2048	555.931	355.245	177.66	109.799	188.3	117.566	20%	53%	66%
			4048	1112.92	730.097	357.044	212.65	373.377	210.33	19%	51%	59%
			6048	1651.276	1042.925	534.056	320.561	519.327	327.655	19%	50%	61%
			8048	2200.315	1384.557	709.841	432.668	763.623	499.233	20%	55%	70%
			10048	2712.339	2711.21	874.845	562.128	1003.778	630.659	21%	37%	72%
	256	10000	2	1.135	1.507	1.055	1.102	1.313	1.193	97%	87%	113%
			4	1.605	1.902	1.116	1.472	1.665	1.514	92%	88%	136%
			8	1.914	2.831	1.577	2.025	2.168	1.999	106%	77%	127%
			16	2.789	4.629	2.197	2.617	3.004	2.907	94%	65%	132%
			32	4.28	7.777	3.607	4.178	4.975	4.164	98%	64%	115%
			64	8.108	13.263	6.417	6.15	8.492	6.279	76%	64%	98%
			128	12.69	23.897	11.558	10.193	13.479	9.823	80%	56%	85%
			256	22.367	45.643	22.631	17.427	25.434	17.64	78%	56%	78%
			512	44.401	94.004	43.989	28.113	51.569	28.707	63%	55%	65%
			1024	85.963	173.952	87.277	62.368	103.996	60.943	73%	60%	70%
			2048	145.642	349.467	174.985	106.271	183.821	110.621	73%	53%	63%
			4048	285.767	681.691	339.202	239.442	377.477	197.119	84%	55%	58%
			6048	495.657	1019.884	516.055	331.081	518.476	317.633	67%	51%	62%
			8048	573.457	1354.689	686.515	403.786	671.654	405.831	70%	50%	59%
			10048	860.902	836.692	830.477	522.725	945.86	578.472	61%	113%	70%
	4096	10000	2	1.213	1.442	0.867	1.412	1.274	1.208	116%	88%	139%
			4	1.766	1.835	1.031	1.899	1.42	1.578	108%	77%	153%
			8	1.76	2.823	1.644	1.949	1.964	2.415	111%	70%	147%
			16	2.598	4.461	2.222	2.504	3.221	3.169	96%	72%	143%
			32	3.555	7.807	3.55	3.564	4.768	4.106	100%	61%	116%
			64	5.891	13.914	6.748	5.289	8.492	6.529	90%	61%	97%
			128	6.883	24.439	12.107	6.794	13.607	10.484	99%	56%	87%
			256	9.928	45.651	22.636	10.678	27.161	17.025	108%	59%	75%
			512	15.844	84.706	44.173	16.414	48.872	30.399	104%	58%	69%
			1024	29.398	173.912	87.773	27.732	84.982	59.947	94%	49%	68%
			2048	51.608	347.235	173.087	51.455	177.948	116.065	100%	51%	67%
			4048	100.181	702.318	347.887	99.958	328.419	212.824	100%	47%	61%
			6048	146.977	1003.165	508.461	155.615	557.035	333.61	106%	56%	66%
			8048	202.268	1304.318	672.432	195.343	716.399	402.752	97%	55%	60%
			10048	246.566	241.811	843.424	251.308	243.972	242.427	102%	101%	29%
1	16	10000	2	1.667	1.458	0.998	1.44	1.725	1.248	86%	118%	125%
			4	2.051	1.937	1.203	1.946	1.832	1.477	95%	95%	123%
			8	3.228	2.607	1.483	3.156	2.881	1.767	98%	111%	119%
			16	5.561	4.497	2.309	5.362	4.396	2.562	96%	98%	111%
			32	9.842	7.624	3.623	9.623	7.781	3.917	98%	102%	108%
			64	18.762	13.553	6.589	18.228	13.359	7.008	97%	99%	106%
			128	36.012	24.718	13.53	36.695	23.943	13.719	102%	97%	101%
			256	70.217	46.536	24.403	72.108	45.421	23.375	103%	98%	96%
			512	71.799	72.309	42.005	72.115	72.744	28.295	100%	101%	67%
			1024	143.194	141.486	81.238	143.816	143.348	54.645	100%	101%	67%
			2048	286.364	285.606	160.599	285.476	286.059	108.548	100%	100%	68%
			4048	560.562	561.202	316.722	561.723	568.175	212.415	100%	101%	67%
			6048	839.963	841.553	473.313	835.211	838.927	315.111	99%	100%	67%
			8048	1115.537	1114.599	629.191	1124.344	1105.727	417.7	101%	99%	66%
			10048	1384.39	1384.363	780.593	1390.13	1383.14	517.099	100%	100%	66%
	256	10000	2	1.048	1.522	0.989	1.271	1.478	1.193	121%	97%	121%
			4	1.594	2.236	1.126	1.55	2.34	1.42	97%	105%	126%
			8	1.838	2.866	1.555	2.042	3.1	1.822	111%	108%	117%
			16	2.669	4.445	2.364	2.877	4.388	2.498	108%	99%	106%
			32	4.149	7.938	3.902	4.178	7.809	4.029	101%	98%	103%
			64	7.186	13.159	6.697	7.056	13.736	6.589	98%	104%	98%
			128	12.477	24.397	12.02	13.143	25.029	12.472	105%	103%	104%
			256	24.501	45.342	22.842	22.758	45.96	23.059	93%	101%	101%
			512	55.55	70.643	40.011	52.264	69.49	27.27	94%	98%	68%
			1024	105.091	139.444	78.868	103.182	137.762	52.302	98%	99%	66%
			2048	207.185	272.548	153.911	207.782	279.504	101.624	100%	103%	66%
			4048	411.835	547.315	303.642	413.246	546.401	194.682	100%	100%	64%
			6048	614.963	807.46	451.122	621.864	808.101	294.094	101%	100%	65%
			8048	821.831	1074.079	599.139	816.749	1082.226	386.329	99%	101%	64%
			10048	1010.234	1338.858	745.561	1024.183	1351.363	477.096	101%	101%	64%
	4096	10000	2	1.322	1.501	0.91	1.324	1.576	1.212	100%	105%	133%
			4	1.518	1.944	1.204	1.701	1.95	1.256	112%	100%	104%
			8	1.679	2.743	1.51	1.7	2.593	1.766	101%	95%	117%
			16	2.491	4.567	2.248	2.69	4.701	2.555	108%	103%	114%
			32	3.725	7.764	3.676	3.498	7.93	3.985	94%	102%	108%
			64	5.662	14.105	6.663	5.645	13.997	7.1	100%	99%	107%
			128	6.895	24.243	11.928	7.202	24.797	12.502	104%	102%	105%
			256	10.82	46.398	23.551	10.805	45.566	23.606	100%	98%	100%
			512	19.813	24.154	34.406	18.55	69.587	27.473	94%	288%	80%
			1024	30.591	99.241	33.324	33.61	137.467	51.099	110%	139%	153%
			2048	63.294	231.642	135.361	57.46	272.58	97.738	91%	118%	72%
			4048	114.793	459.41	298.049	114.715	545.398	193.311	100%	119%	65%
			6048	172.748	682.634	443.663	170.01	803.568	286.863	98%	118%	65%
			8048	229.472	902.977	584.568	218.297	1068.707	377.701	95%	118%	65%
			10048	272.521	1275.562	732.411	288.581	1307.268	456.172	106%	102%	62%
16	16	10000	2	1.529	1.29	0.978	1.332	1.266	1.146	87%	98%	117%
			4	1.972	1.92	1.037	1.507	1.473	1.584	76%	77%	153%
			8	3.173	2.896	1.509	2.15	2.396	2.169	68%	83%	144%
			16	5.236	4.454	2.356	2.726	3.217	3.121	52%	72%	132%
			32	9.678	7.7	3.663	4.699	5.315	3.918	49%	69%	107%
			64	18.838	14.945	6.471	7.326	9.47	6.078	39%	63%	94%
			128	35.783	23.964	11.964	13.192	16.702	10.035	37%	70%	84%
			256	70.106	44.735	23.448	23.456	32.577	17.415	33%	73%	74%
			512	72.803	72.57	41.917	63.044	66.55	17.735	87%	92%	42%
			1024	141.863	141.836	82.604	133.918	135.738	31.986	94%	96%	39%
			2048	283.513	282.185	160.817	277.005	277.737	59.904	98%	98%	37%
			4048	558.684	560.057	317.66	552.922	549.978	114.999	99%	98%	36%
6048	835.585	833.004	477.799	827.975	828.264	170.637	99%	99%	36%			

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						8048	1109.832	1112.354	630.989	1098.865	1098.268	228.93	99%	99%	36%									
						10048	1376.33	1388.541	786.221	1375.222	1369.739	281.659	100%	99%	36%									
						256	10000		2	1.201	1.677	0.868	1.428	1.216	1.33	119%	73%	153%						
									4	1.59	1.822	1.093	1.428	1.634	1.636	90%	90%	150%						
									8	2.083	3.127	1.423	1.848	2.189	2.297	89%	70%	161%						
									16	2.57	4.672	2.14	2.607	3.152	2.954	101%	67%	138%						
									32	4.104	7.555	3.871	4.148	5.685	4.167	101%	75%	108%						
									64	6.991	13.994	6.486	7.13	9.95	5.969	102%	71%	92%						
									128	12.312	24.94	12.102	12.786	15.714	9.66	104%	63%	80%						
									256	22.324	46.572	22.645	23.541	27.502	16.32	105%	59%	72%						
									512	54.34	69.722	40.537	40.721	66.176	15.9	75%	95%	39%						
									1024	106.032	138.49	78.152	80.096	138.319	28.464	76%	100%	36%						
									2048	209.324	274.086	156.046	171.155	274.47	51.91	82%	100%	33%						
									4048	408.269	545.766	302.745	335.502	540.434	101.589	82%	99%	34%						
									6048	606.246	815.231	448.785	474.19	808.55	149.796	78%	99%	33%						
									8048	825.306	1080.217	600.501	657.165	1078.705	199.438	80%	100%	33%						
									10048	1002.111	1339.173	744.789	818.381	1330.23	238.699	82%	99%	32%						
						4096	10000		2	1.136	1.55	0.951	1.607	1.14	1.24	141%	74%	130%						
									4	1.69	2.181	1.014	1.773	1.511	1.554	105%	69%	153%						
									8	1.676	2.826	1.639	1.792	1.986	2.34	107%	70%	143%						
									16	3.026	4.417	2.233	2.608	3.327	2.971	86%	75%	133%						
									32	3.392	8.035	3.729	3.325	5.49	4.245	98%	68%	114%						
									64	5.277	14.12	6.933	5.378	9.688	6.938	102%	69%	100%						
									128	6.584	26.268	12.071	6.789	16.044	9.628	103%	61%	80%						
									256	10.051	47.2	23.004	10.749	28.012	17.027	107%	59%	74%						
									512	19.143	16.855	38.87	18.187	42.1	16.962	95%	250%	44%						
									1024	32.332	63.055	65.146	33.833	137.559	29.248	105%	218%	45%						
									2048	60.334	252.173	146.216	61.995	273.49	53.079	103%	108%	36%						
									4048	114.44	439.952	276.438	112.651	528.366	99.122	98%	120%	36%						
									6048	173.384	711.875	433.122	171.964	677.916	151.377	99%	95%	35%						
									8048	226.137	951.922	591.184	226.473	1065.436	199.36	100%	112%	34%						
									10048	272.679	1251.219	730.051	268.078	1300.983	237.863	98%	104%	33%						
						32	16	10000	2	1.432	1.669	0.84	1.274	1.162	1.165	89%	70%	139%						
									4	2.033	2.189	1.191	1.559	1.591	1.659	77%	73%	139%						
									8	3.281	2.472	1.622	2.087	2.285	2.209	64%	92%	136%						
									16	5.397	4.645	2.133	2.916	3.106	2.919	54%	67%	137%						
									32	9.86	7.777	3.655	4.108	4.665	4.36	42%	60%	119%						
									64	19.3	14.39	6.346	6.578	8.152	6.026	34%	57%	95%						
									128	35.513	24.375	12.432	10.228	14.714	10.515	29%	60%	85%						
									256	71.038	46.053	23.154	17.438	25.551	18.681	25%	55%	81%						
									512	72.703	71.966	42.004	62.987	63.637	18.354	87%	88%	44%						
									1024	144.031	142.655	81.492	135.974	135.298	33.233	94%	95%	41%						
									2048	286.647	282.23	162.38	275.869	271.781	65.514	96%	96%	40%						
									4048	562.066	558.759	317.938	545.379	546.067	120.92	97%	98%	38%						
									6048	840.023	839.744	476.373	813.12	816.337	172.94	97%	97%	36%						
									8048	1116.368	1113.14	631.058	1088.869	1089.107	232.063	98%	98%	37%						
									10048	1395.365	1380.312	782.747	1352.86	1361.429	285.647	97%	99%	36%						
						256	10000		2	1.141	1.645	0.99	1.22	1.265	1.179	107%	77%	119%						
									4	1.456	1.995	1.032	1.403	1.661	1.706	96%	83%	165%						
									8	1.842	2.822	1.632	2.011	2.001	2.069	109%	71%	127%						
									16	2.548	4.618	2.251	2.687	3.067	3.101	105%	66%	138%						
									32	3.955	8.14	4.259	4.075	4.881	4.284	103%	60%	101%						
									64	7.294	13.701	6.64	5.759	8.682	6.183	79%	63%	93%						
									128	12.168	24.81	11.788	10.188	14.135	10.501	84%	57%	89%						
									256	23.479	46.576	22.405	17.471	26.926	17.569	74%	58%	78%						
									512	52.72	68.587	40.212	41.939	66.989	17.171	80%	98%	43%						
									1024	108.413	137.597	78.132	77.141	133.653	30.23	71%	97%	39%						
									2048	207.981	278.213	154.195	158.012	273.027	53.569	76%	98%	35%						
									4048	410.3	544.47	303.317	299.673	535.305	102.059	73%	98%	34%						
									6048	612.423	817.679	453.846	446.848	798.69	153.165	73%	98%	34%						
									8048	810.019	1082.283	597.527	612.334	1071.046	209.376	76%	99%	35%						
									10048	1008.066	1339.634	744.853	764.883	1313.073	253.299	76%	98%	34%						
						4096	10000		2	1.266	1.411	0.957	1.539	1.31	1.197	122%	93%	125%						
									4	1.663	1.955	1.038	1.861	1.492	1.641	112%	76%	158%						
									8	1.596	2.826	1.574	1.767	2.228	1.961	111%	79%	125%						
									16	2.759	4.556	2.258	2.54	3.024	2.973	92%	66%	132%						
									32	3.616	7.438	3.629	3.5	5.361	4.466	97%	72%	123%						
									64	5.507	14.358	6.589	6.927	8.509	6.704	126%	59%	102%						
									128	7.082	25.294	12.131	6.598	15.721	9.789	93%	62%	81%						
									256	10.292	46.914	22.612	10.137	27.509	17.597	98%	59%	78%						
									512	19.829	69.054	32.207	18.271	16.414	16.916	92%	24%	53%						
									1024	32.557	111.755	69.013	31.904	135.892	28.711	98%	122%	42%						
									2048	59.878	222.094	141.307	62.669	259.689	53.989	105%	117%	38%						
									4048	115.651	500.163	293.711	112.64	531.766	103.605	97%	106%	35%						
									6048	165.869	638.883	443.393	171.203	781.227	147.315	103%	122%	33%						
									8048	225.771	1010.006	577.058	217.158	1046.355	193.001	96%	104%	33%						
									10048	275.619	1275.445	724.254	276.038	1271.532	239.031	100%	100%	33%						
						linear-fuzz	0	4096	1	16	10000	2	25.723	26.424	4.614	27.621	26.278	4.822	107%	99%	105%			
												4	29.95	36.505	6.6	28.384	34.004	6.298	95%	93%	95%			
												8	30.18	39.849	8.242	29.979	38.467	8.354	99%	97%	101%			
												16	30.75	27.278	9.653	31.685	28.917	10.105	103%	106%	105%			
												32	35.629	29.549	11.423	35.708	25.964	11.175	100%	88%	98%			
												64	44.637	33.229	14.044	43.992	33.254	15.229	99%	100%	108%			
												128	61.064	46.301	20.013	61.272	45.198	19.659	100%	98%	98%			
												256	98.067	65.376	32.027	97.587	69.88	31.199	100%	107%	97%			
												512	167.581	112.344	54.885	168.427	117.133	55.229	101%	104%	101%			
												1024	306.008	201.852	97.035	305.061	201.04	99.311	100%	100%	102%			
												2048	584.738	395.782	189.567	579.821	386.774	191.492	99%	98%	101%			
												4048	1121.601	727.694	376.753	1124.382	735.6	365.932	100%	101%	97%			
												6048	1652.3	1138.182	554.152	1698.716	1132.544	551.008	103%	100%	99%			
												8048	2232.367	1452.927	730.726	2254.115	1432.846	722.716	101%	99%	99%			
												10048	2725.981	2711.358	885.123	2702.791	2730.73	901.766	99%	101%	102%			
												256	10000		2	13.997	26.864	4.762	14.536	28.474	4.911	104%	106%	103%
															4	11.662	35.365	7.013	12.125	36.937	6.7	104%	104%	96%
															8	10.598	35.224	8.881	11.306	35.113	8.324	107%	100%	94%
															16	11.109	26.766	10.097	11.749	28.617	9.697	106%	107%	96%
															32	12.502	27.847	11.244	13.631	27.365	11.183	109%	98%	99%
						64	14.974	32.197	14.128	14.835	32.825				13.913	99%	102%	98%						
						128	20.179	46.706	19.737	21.053	44.799				19.148	104%	96%	97%						
						256	31.666	67.45	31.359	28.833	66.932				30.205	91%	99%	96%						
512	53.675	111.138	52.363	53.434	109.858	51.286	100%	99%	98%															
1024	89.79	205.526	95.247	96.441	204.166	95.438	107%	99%	100%															
2048	185.601	372.466	181.289	181.392	382.281	185.865	98%	103%	103%															
4048	333.587	724.23	351.118	320.894	727.88	351.939	96%	101%	100%															

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	4096	10000	6048	545.595	1063.81	521.688	488.63	517.406	521.063	90%	49%	100%
			8048	683.993	1383.088	701.821	670.666	1420.328	690.397	98%	103%	98%
			10048	892.658	863.79	844.369	863.98	856.938	850.001	97%	99%	101%
			2	6.57	27.605	4.701	5.87	26.266	4.815	89%	95%	102%
			4	5.711	34.781	6.907	6.407	35.193	6.481	112%	101%	94%
			8	5.782	35.237	7.988	5.738	36.908	8.612	99%	105%	108%
			16	6.317	25.83	9.888	6.343	29.412	9.986	100%	114%	101%
			32	6.573	29.52	11.299	7.17	28.569	11.331	109%	97%	100%
			64	7.907	33.266	14.548	8.097	32.376	14.391	102%	97%	99%
			128	9.204	45.345	19.601	9.638	45.559	19.574	105%	100%	100%
			256	12.509	67.416	30.923	13.17	70.518	30.932	105%	105%	100%
			512	19.01	115.991	53.233	20.607	106.374	50.854	108%	92%	96%
			1024	30.135	199.57	96.982	30.346	199.904	94.241	101%	100%	97%
			2048	57.446	387.494	181.544	54.942	386.984	181.715	96%	100%	100%
			4048	104.99	707.604	351.052	104.416	733.793	350.306	99%	104%	100%
			6048	152.363	1100.478	518.217	158.236	1051.354	518.415	104%	96%	100%
			8048	209.4	1444.645	694.164	214.882	1383.934	689.241	103%	96%	99%
			10048	261.643	254.831	869.892	264.098	251.877	254.291	101%	99%	29%
16	16	10000	2	29.961	24.382	5.128	17.142	17.178	4.02	57%	70%	78%
			4	29.683	34.501	6.462	17.393	19.275	4.705	59%	56%	73%
			8	29.958	38.155	8.392	13.051	16.159	6.044	44%	42%	72%
			16	31.671	26.171	10.373	12.036	15.687	7.326	38%	60%	71%
			32	35.679	27.823	11.161	13.262	18.104	8.463	37%	65%	76%
			64	43.716	33.248	13.68	18.283	20.939	10.301	42%	63%	75%
			128	61.006	48.532	19.514	19.718	27.523	14.206	32%	57%	73%
			256	95.398	66.825	31.92	31.668	42.416	21.841	33%	63%	68%
			512	168.492	110.698	55.058	52.749	70.406	36.483	31%	64%	66%
			1024	304.017	209.338	97.539	95.841	122.484	67.274	32%	59%	69%
			2048	599.616	376.746	186.829	190.293	234.769	128.006	32%	62%	69%
			4048	1111.548	758.797	367.641	347.932	452.867	241.927	31%	60%	66%
			6048	1728.893	1089.544	556.887	541.035	658.045	362.889	31%	60%	65%
			8048	2294.965	1439.625	730.204	711.456	897.009	485.693	31%	62%	67%
			10048	2789.761	2693.656	900.679	927.848	1167.04	593.004	33%	43%	66%
	256	10000	2	15.464	27.663	4.677	16.095	16.898	3.608	104%	61%	77%
			4	13.119	33.657	6.56	17.042	19.139	4.728	130%	57%	72%
			8	12.62	37.056	8.24	10.999	16.561	6.141	87%	45%	75%
			16	11.456	32.22	9.847	11.267	16.572	7.374	98%	51%	75%
			32	11.869	28.451	11.257	13.826	18.657	8.457	116%	66%	75%
			64	15.75	33.589	13.925	14.833	20.549	9.664	94%	61%	69%
			128	21.536	44.669	20.038	22.754	26.42	13.824	106%	59%	69%
			256	31.496	66.818	31.128	31.64	39.415	20.598	100%	59%	66%
			512	48.589	113.919	52.107	52.705	66.857	34.501	108%	59%	66%
			1024	106.636	200.054	94.149	88.266	125.367	61.941	83%	63%	66%
			2048	177.72	392.153	181.547	173.546	226.848	118.56	98%	58%	65%
			4048	370.52	739.888	348.428	342.845	440.024	232.825	93%	59%	67%
			6048	534.81	1101.33	517.915	495.168	635.083	340.301	93%	58%	66%
			8048	769.153	1412.848	691.36	691.267	849.027	445.352	90%	60%	64%
			10048	955.895	856.349	854.712	879.037	1111.345	550.407	92%	130%	64%
	4096	10000	2	6.22	24.411	4.784	5.825	17.25	3.969	94%	71%	83%
			4	6.248	36.18	6.55	18.148	17.964	4.558	290%	50%	70%
			8	5.218	35.949	8.554	7.059	16.692	6.371	135%	46%	74%
			16	6.052	26.601	9.863	6.592	16.925	7.473	109%	64%	76%
			32	6.998	28.258	11.28	8.705	17.405	8.27	124%	62%	73%
			64	7.986	33.322	14.1	9.112	20.953	10.187	114%	63%	72%
			128	10.197	44.453	20.839	10.289	31.182	13.963	101%	70%	67%
			256	13.349	66.529	31.02	12.539	41.298	20.899	94%	62%	67%
			512	17.746	109.268	50.751	18.307	65.707	36.542	103%	60%	72%
			1024	31.791	207.855	95.382	33.788	123.51	60.2	106%	59%	63%
			2048	58.493	368.157	184.853	57.468	229.568	121.122	98%	62%	66%
			4048	111.512	709.056	350.758	124.719	435.736	234.328	112%	61%	67%
			6048	152.724	1095.404	515.081	157.979	653.668	338.957	103%	60%	66%
			8048	228.795	1373.79	676.974	210.45	885.186	449.44	92%	64%	66%
			10048	253.405	245.471	856.05	274.733	249.433	244.395	108%	102%	29%
32	16	10000	2	25.993	26.818	4.843	16.003	17.159	4.118	62%	64%	85%
			4	29.628	34.486	6.755	17.994	17.298	4.756	61%	50%	70%
			8	30.012	37.197	8.293	16.176	15.117	7.388	54%	41%	89%
			16	30.571	28.394	9.6	9.72	13.76	8.684	32%	48%	90%
			32	35.284	27.75	11.274	10.613	14.787	9.057	30%	53%	80%
			64	44.006	35.074	13.959	11.601	19.046	12.355	26%	54%	89%
			128	61.636	46.746	19.727	16.052	26.334	14.876	26%	56%	75%
			256	94.357	69.354	31.115	23.638	36.267	21.938	25%	52%	71%
			512	166.006	111.818	54.587	39.588	59.379	38.389	24%	53%	70%
			1024	299.568	204.189	100.084	68.063	107.412	65.041	23%	53%	65%
			2048	574.341	393.541	191.086	130.422	205.285	132.767	23%	52%	69%
			4048	1119.716	731.402	364.82	245.64	398.631	260.177	22%	55%	71%
			6048	1658.752	1123.235	543.825	372.049	559.563	375.33	22%	50%	69%
			8048	2228.101	1446.265	729.904	500.005	808.051	487.923	22%	56%	67%
			10048	2715.907	2718.809	900.951	626.515	1097.249	636.123	23%	40%	71%
	256	10000	2	13.758	27.68	4.97	16.57	17.394	3.829	120%	63%	77%
			4	11.897	34.872	6.709	17.058	17.878	5.317	143%	51%	79%
			8	12.101	37.425	9.428	15.508	16.856	6.36	128%	45%	67%
			16	10.915	25.439	10.022	9.229	14.095	8.032	85%	55%	80%
			32	13.04	27.575	11.346	10.59	15.455	9.695	81%	56%	85%
			64	16.209	32.756	13.828	11.161	18.255	10.98	69%	56%	79%
			128	21.015	43.231	19.903	15.128	26.678	15.084	72%	62%	76%
			256	31.815	68.218	31.915	22.711	35.592	22.55	71%	52%	71%
			512	53.999	112.775	52.08	39.648	59.477	38.169	73%	53%	73%
			1024	91.977	200.716	97.171	65.461	107.835	64.568	71%	54%	66%
			2048	179.9	379.764	180.052	122.108	208.416	128.514	68%	55%	71%
			4048	329.073	712.761	355.411	229.616	370.467	243.921	70%	52%	69%
			6048	517.21	1100.424	526.312	353.346	596.469	343.238	68%	54%	65%
			8048	654.609	1399.858	694.075	450.282	729.605	465.344	69%	52%	67%
			10048	862.275	851.499	856.331	590.024	1053.031	595.756	68%	124%	70%
	4096	10000	2	8.872	27.07	4.718	15.016	15.859	3.772	169%	59%	80%
			4	5.711	36.956	6.497	17.222	17.989	4.536	302%	49%	70%
			8	5.518	35.661	8.526	9.815	15.539	6.673	178%	44%	78%
			16	5.699	26.613	10.053	7.658	13.672	8.5	134%	51%	85%
			32	6.916	29.396	11.223	7.416	14.682	9.142	107%	50%	81%
			64	7.845	34.626	14.515	10.775	18.448	11.196	137%	53%	77%
			128	8.556	47.517	19.518	10.207	25.346	14.503	119%	53%	74%
			256	13.5	67.542	32.062	13.854	37.409	22.247	103%	55%	69%
			512	18.466	110.043	51.133	19.164	58.201	35.763	104%	53%	70%
			1024	31.667	200.04	94.858	32.851	107.606	66.793	104%	54%	70%
			2048	56.007	377.342	180.896	57.912	201.384	122.086	103%	53%	67%

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					4048	104.158	707.415	351.618	109.121	374.533	236.271	105%	53%	67%	
					6048	158.282	1052.958	527.889	152.617	612.997	348.757	96%	58%	66%	
					8048	205.093	1322.055	694.934	197.457	744.925	480.56	96%	56%	69%	
					10048	243.168	242.938	855.642	256.897	251.776	253.44	106%	104%	30%	
4	4096	1	16	10000	2	25.115	27.095	4.891	26.364	26.938	4.75	105%	99%	97%	
					4	30.37	37.852	6.889	31.008	34.458	6.88	102%	91%	100%	
					8	30.274	36.304	8.668	30.254	36.602	8.695	100%	101%	100%	
					16	31.813	27.601	9.718	31.749	27.61	10.04	100%	100%	103%	
					32	36.744	27.678	11.33	36.506	28.045	11.675	99%	101%	103%	
					64	44.611	34.111	14.672	43.444	34.599	14.221	97%	101%	97%	
					128	63.374	46.466	19.767	62.475	43.451	19.899	99%	94%	101%	
					256	96.565	66.736	30.984	95.776	67.786	31.042	99%	102%	100%	
					512	84.923	85.469	48.48	84.767	85.706	33.784	100%	100%	70%	
					1024	155.529	156.909	90.991	155.533	156.566	59.568	100%	100%	65%	
					2048	301.077	298.944	170.435	299.808	300.795	114.576	100%	101%	67%	
					4048	577.259	577.239	327.278	582.41	579.669	217.65	101%	100%	67%	
					6048	857.119	864.42	482.357	862.909	859.599	323.002	101%	99%	67%	
					8048	1133.716	1132.64	646.618	1141.316	1133.93	428.424	101%	100%	66%	
					10048	1395.535	1384.657	787.516	1398.163	1396.511	530.087	100%	101%	67%	
			256	10000	2	13.694	26.134	4.768	13.206	26.791	4.962	96%	103%	104%	
					4	11.291	35.358	6.893	12.145	35.32	6.759	108%	100%	98%	
					8	10.316	35.843	8.594	10.726	39.638	9.778	104%	111%	114%	
					16	11.078	27.288	9.701	11.347	28.587	9.989	102%	105%	103%	
					32	13.691	29.902	11.144	13.777	27.063	11.831	101%	91%	106%	
					64	15.314	34.028	14.278	15.671	33.448	14.069	102%	98%	99%	
					128	22.137	44.147	19.789	20.171	43.918	19.734	91%	99%	100%	
					256	31.035	66.644	30.291	31.099	68.513	30.602	100%	103%	101%	
					512	61.378	83.519	46.927	61.301	82.584	30.916	100%	99%	66%	
					1024	113.244	151.646	84.827	112.075	152.873	55.233	99%	101%	65%	
					2048	224.815	293.339	162.19	219.746	293.009	106.969	98%	100%	66%	
					4048	428.239	564.523	313.025	434.915	562.668	201.327	102%	100%	64%	
					6048	629.281	831.403	461.42	623.062	828.325	298.188	99%	100%	65%	
					8048	846.363	1098.449	609.04	834.595	1102.967	395.892	99%	100%	65%	
					10048	1022.417	1353.801	748.748	1017.521	1355.12	480.075	100%	100%	64%	
			4096	10000	2	7.111	26.263	4.866	6.519	25.708	4.785	92%	98%	98%	
					4	5.419	34.876	6.601	6.009	37.011	6.583	111%	106%	100%	
					8	5.681	38.502	8.595	5.699	36.759	8.602	100%	95%	100%	
					16	5.587	27.337	10.081	6.6	28.786	9.855	118%	105%	98%	
					32	7.246	28.62	11.732	6.098	28.519	11.293	84%	100%	96%	
					64	7.981	35.626	14.851	8.004	34.847	14.54	100%	98%	98%	
					128	9.355	46.959	20.053	10.124	46.841	19.583	108%	100%	98%	
					256	13.325	71.402	30.443	13.484	67.243	31.201	101%	94%	102%	
					512	19.476	70.25	47.037	20.059	83.743	31.582	103%	119%	67%	
					1024	36.462	152.273	84.704	37.352	151.742	56.395	102%	100%	67%	
					2048	65.889	286.021	161.598	64.325	292.076	104.348	98%	102%	65%	
					4048	121.406	530.991	309.868	115.827	564.586	201.716	95%	106%	65%	
					6048	174.429	794.899	457.087	176.854	832.349	296.518	101%	105%	65%	
					8048	235.809	1004.871	610.137	227.487	1104.372	392.901	96%	110%	64%	
					10048	283.496	1285.869	742.556	280.536	1330.734	479.74	99%	103%	65%	
			16	16	10000	2	24.768	27.347	4.722	17.926	16.463	5.207	72%	60%	110%
					4	30.557	35.008	6.952	18.339	17.539	4.994	60%	50%	72%	
					8	30.452	37.08	8.435	15.022	17.109	6.152	49%	46%	73%	
					16	31.378	27.407	9.817	12.89	16.633	7.681	41%	61%	78%	
					32	35.992	27.955	11.401	13.211	16.682	8.411	37%	60%	74%	
					64	43.88	32.484	14.54	15.993	21.462	10.446	36%	66%	72%	
					128	62.106	43.09	19.841	21.462	26.692	15.386	35%	62%	78%	
					256	95.969	67.097	32.378	32.576	45.673	21.651	34%	68%	67%	
					512	85.53	84.665	48.784	83.734	83.267	21.366	98%	98%	44%	
					1024	158.458	156.747	89.676	153.276	152.968	34.528	97%	98%	39%	
					2048	301.041	299.824	169.063	299.478	296.477	63.644	99%	99%	38%	
					4048	571.167	577.193	326.182	582.3	570.89	118.731	102%	99%	36%	
					6048	864.912	854.458	483.27	850.995	850.77	180.264	98%	100%	37%	
					8048	1136.491	1140.629	644.069	1123.34	1133.86	234.843	99%	99%	36%	
					10048	1395.664	1396.975	785.373	1387.909	1382.445	281.741	99%	99%	36%	
			256	10000	2	12.819	24.035	4.654	17.564	17.042	4.087	137%	71%	88%	
					4	12.773	35.394	6.458	18.269	18.018	4.765	143%	51%	74%	
					8	11.361	36.679	8.656	12.414	16.385	6.595	109%	45%	76%	
					16	10.943	27.239	9.938	11.716	16.585	7.804	107%	61%	79%	
					32	13.687	28.333	11.493	13.257	17.671	8.702	97%	62%	76%	
					64	15.548	33.175	14.298	15.924	22.83	10.332	102%	69%	72%	
					128	21.808	47.275	20.134	20.372	26.186	13.529	93%	55%	67%	
					256	31.243	68.796	30.683	31.278	40.501	21.3	100%	59%	69%	
					512	63.489	83.415	47.409	53.679	78.32	18.699	85%	94%	39%	
					1024	117.355	151.673	85.251	85.326	151.336	29.914	73%	100%	35%	
					2048	226.166	286.794	160.784	169.202	291.533	56.142	75%	102%	35%	
					4048	422.828	559.063	310.554	317.589	550.725	108.317	75%	99%	35%	
					6048	630.8	843.72	461.363	497.404	823.506	153.41	79%	98%	33%	
					8048	832.408	1100.465	609.393	668.725	1092.908	206.076	80%	99%	34%	
					10048	1035.49	1349.886	748.485	832.058	1340.518	245.767	80%	99%	33%	
			4096	10000	2	7.495	26.492	5.478	13.647	16.196	3.817	182%	61%	70%	
					4	6.084	34.721	6.882	16.517	17.921	4.759	271%	52%	69%	
					8	5.712	35.704	8.223	7.304	16.565	6.614	128%	46%	80%	
					16	5.707	29.912	9.928	6.179	16.338	7.254	108%	55%	73%	
					32	6.346	26.875	11.146	7.753	17.782	9.137	122%	66%	82%	
					64	8.265	34.924	14.873	8.427	21.758	10.192	102%	62%	69%	
					128	9.33	44.195	19.466	11.352	29.658	14.127	122%	67%	73%	
					256	12.497	66.135	31.063	13.59	43.523	21.068	109%	66%	68%	
					512	22.056	83.891	47.495	20.831	83.335	19.022	94%	99%	40%	
					1024	35.139	125.931	85.012	34.022	150.076	31.077	97%	119%	37%	
					2048	66.292	270.608	161.608	66.519	283.652	55.045	100%	105%	34%	
					4048	127.226	483.015	308.246	118.574	555.357	100.44	93%	115%	33%	
					6048	181.11	792.467	460.23	177.221	821.002	147.568	98%	104%	32%	
					8048	230.686	1045.927	604.104	236.846	1092.038	197.203	103%	104%	33%	
					10048	282.452	1299.228	742.267	283.317	1335.312	244.194	100%	103%	33%	
			32	16	10000	2	26.432	25.606	4.95	17.875	17.192	4.046	68%	67%	82%
					4	30.084	36.686	6.614	18.404	18.416	4.756	61%	50%	72%	
					8	30.236	33.791	8.378	15.145	15.644	7.229	50%	46%	86%	
					16	31.374	27.228	9.542	9.743	13.585	8.057	31%	50%	84%	
					32	35.841	28.923	11.754	10.747	16.003	8.871	30%	55%	75%	
					64	44.291	34.034	14.509	12.964	18.545	12.763	29%	54%	88%	
					128	61.301	45.237	19.908	15.812	25.162	15.094	26%	56%	76%	

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						2048	300.316	301.337	170.193	293.472	288.171	63.486	98%	96%	37%
						4048	583.346	582.516	326.905	570.396	563.564	124.083	98%	97%	38%
						6048	858.036	850.931	488.809	842.778	838.697	181.249	98%	99%	37%
						8048	1140.34	1136.178	642.896	1117.443	1113.516	236.155	98%	98%	37%
						10048	1390.314	1400.172	789.697	1367.399	1363.298	289.988	98%	97%	37%
256	10000					2	12.58	26.246	4.93	18.114	16.013	3.798	144%	61%	77%
						4	11.972	35.443	6.612	17.878	18.198	4.723	149%	51%	71%
						8	11.444	38.458	8.282	13.01	15.551	6.708	114%	40%	81%
						16	10.929	28.381	9.882	9.817	14.583	8.492	90%	51%	86%
						32	12.914	28.46	11.411	10.558	15.065	8.557	82%	53%	75%
						64	14.829	32.684	14.054	12.32	18.322	11.313	83%	56%	80%
						128	20.792	44.462	19.801	16.49	24.382	15.198	79%	55%	77%
						256	31.707	69.509	30.865	23.918	35.476	21.942	75%	51%	71%
						512	65.27	84.247	47.129	46.616	75.754	18.279	71%	90%	39%
						1024	116.272	152.623	85.37	80.646	143.122	32.492	69%	94%	38%
						2048	222.413	290.416	163.89	159.926	288.412	56.968	72%	99%	35%
						4048	424.653	562.243	312.261	321.202	550.473	104.532	76%	98%	33%
						6048	627.398	835.537	460.259	459.137	818.459	158.087	73%	98%	34%
						8048	833.748	1100.563	610.855	632.229	1078.834	210.296	76%	98%	34%
						10048	1023.669	1356.813	750.395	756.007	1323.72	247.737	74%	98%	33%
4096	10000					2	7.415	27.194	5.082	17.259	17.21	3.891	233%	63%	77%
						4	6.671	35.657	6.657	6.027	18.186	4.375	90%	51%	66%
						8	5.816	34.503	8.356	5.739	15.421	6.568	99%	45%	79%
						16	7.054	26.059	9.692	8.859	14.262	8.823	126%	55%	91%
						32	6.095	26.061	11.471	8.292	15.942	9.572	136%	61%	83%
						64	8.934	35.418	14.521	9.141	19.31	11.503	102%	55%	79%
						128	9.352	46.265	19.937	9.784	24.83	14.787	105%	54%	74%
						256	11.697	69.199	31.738	13.491	35.68	22.198	115%	52%	70%
						512	22.309	84.702	47.104	22.322	73.6	19.014	100%	87%	40%
						1024	36.407	142.531	85.291	35.136	148.767	32.15	97%	104%	38%
						2048	64.074	262.153	160.325	66.758	283.92	58.026	104%	108%	36%
						4048	120.86	532.992	310.314	122.671	547.824	105.369	101%	103%	34%
						6048	180.483	764.803	461.836	174.46	813.905	156.372	97%	106%	34%
						8048	230.544	1072.393	607.666	229.858	1064.389	209.68	100%	99%	35%
						10048	281.487	1261.835	740.981	284.072	1317.871	244.87	101%	104%	33%
uniform	0	4096	1	16	10000	2	38.53	37.568	4.395	36.181	36.61	4.607	94%	97%	105%
						4	61.782	60.151	7.501	64.259	61.862	7.265	104%	103%	97%
						8	108.169	108.488	11.826	109.342	108.723	11.751	101%	100%	99%
						16	200.754	200.718	23.501	202.42	203.8	23.431	101%	102%	100%
						32	392.695	383.09	42.083	393.07	378.793	44.622	100%	99%	106%
						64	756.299	720.213	87.68	746.138	700.064	89.986	99%	97%	103%
						128	1458.57	1347.895	187.305	1431.343	1331.98	190.972	98%	99%	102%
						256	2362.493	2335.606	370.336	2332.938	2334.543	366.128	99%	100%	99%
						512	2920.133	3553.385	589.859	2941.063	3523.031	598.532	101%	99%	101%
						1024	2821.086	3187.451	796.204	2809.62	3218.515	780.446	100%	101%	98%
						2048	2717.089	1766.594	860.049	2730.608	1828.944	846.581	100%	104%	98%
						4048	2714.16	2733.169	856.199	2712.375	2732.202	863.124	100%	100%	101%
						6048	2753.258	2726.148	877.932	2739.666	2714.274	885.24	100%	100%	101%
						8048	2725.754	2714.851	906.031	2785.955	2746.325	911.329	102%	101%	101%
						10048	2760.697	2769.41	898.502	2724.993	2771.823	912.145	99%	100%	102%
256	10000					2	36.944	35.738	4.543	35.745	40.147	4.763	97%	112%	105%
						4	63.03	60.294	6.911	59.377	58.827	6.983	94%	98%	101%
						8	103.944	107.549	12.178	109.351	107.551	11.829	105%	100%	97%
						16	199.246	202.6	21.837	198.618	194.737	22.685	100%	96%	104%
						32	383.899	369.709	43.439	387.551	362.65	44.122	101%	98%	102%
						64	748.577	724.426	89.512	745.16	712.078	92.114	100%	98%	103%
						128	1275.126	1319.221	187.443	1268.986	1324.102	186.487	100%	100%	99%
						256	1322.973	2350.564	364.268	1343.39	2335.751	364.085	102%	99%	100%
						512	980.348	3512.918	588.663	986.471	3486.472	584.663	101%	99%	99%
						1024	755.71	3144.15	786.159	766.888	3160.524	797.165	101%	101%	101%
						2048	787.684	1720.307	839.142	827.54	1726.899	848.839	105%	100%	101%
						4048	844.01	832.929	844.225	821.708	848.881	840.715	97%	102%	100%
						6048	856.237	871.702	838.68	860.839	854.588	866.302	101%	98%	103%
						8048	875.192	881.799	867.924	855.344	823.595	855.891	98%	93%	99%
						10048	853.113	870.267	866.655	856.302	865.436	853.465	100%	99%	98%
4096	10000					2	37.689	35.89	4.652	39.084	35.828	4.701	104%	100%	101%
						4	60.516	61.919	7.221	60.476	65.35	7.308	100%	106%	101%
						8	110.387	103.17	13.182	108.765	108.831	12.984	99%	105%	98%
						16	212.808	195.123	24.129	200.414	200.433	23.81	94%	103%	99%
						32	405.958	384.824	44.689	403.203	375.206	42.89	99%	98%	96%
						64	697.005	704.932	91.36	683.796	718.503	88.252	98%	102%	97%
						128	638.519	1333.735	186.93	624.223	1314.907	187.332	98%	99%	100%
						256	390.156	2304.221	362.692	437.253	2326.004	369.426	112%	101%	102%
						512	296.764	3536.195	597.505	304.328	3537.771	602.785	103%	100%	101%
						1024	246.908	2992.172	782.007	245.065	2875.195	755.516	99%	96%	97%
						2048	240.314	243.882	828.581	233.847	238.934	245.599	97%	98%	30%
						4048	242.188	248.725	846.187	239.84	256.457	252.728	99%	103%	30%
						6048	258.58	237.543	855.233	254.414	246.079	242.65	98%	104%	28%
						8048	265.993	248.154	855.448	246.667	250.362	254.954	93%	101%	30%
						10048	263.653	261.847	860.858	259.917	254.156	262.567	99%	97%	31%
16	16				10000	2	33.681	37.322	4.658	35.574	39.176	4.516	106%	105%	97%
						4	61.343	61.054	7.076	58.134	62.648	7.103	95%	103%	100%
						8	109.751	106.167	12.172	104.321	106.212	11.934	95%	100%	98%
						16	199.651	195.185	24.371	196.308	190.139	22.899	98%	97%	94%
						32	382.289	382.87	44.783	360.114	362.029	40.356	94%	95%	90%
						64	752.539	715.338	90.056	648.88	647.156	84.025	86%	90%	93%
						128	1418.196	1307.251	183.572	1071.525	1088.98	157.024	76%	83%	86%
						256	2338.161	2331.582	362.464	1550.386	1565.999	268.193	66%	67%	74%
						512	2897.235	3508.983	585.364	1693.168	1717.959	353.195	58%	49%	60%
						1024	2759.761	3150.719	792.873	885.009	1448.734	509.284	32%	46%	64%
						2048	2688.525	1765.374	841.513	753.415	1066.091	552.896	28%	60%	66%
						4048	2671.506	2711.721	858.469	852.396	984.473	566.709	32%	36%	66%
						6048	2660.971	2744.273	861.973	869.711	985.067	572.542	33%	36%	66%
						8048	2697.008	2710.369	881.796	881.496	990.101	580.965	33%	37%	66%
						10048	2737.732	2703.379	898.63	884.726	1004.663	594.875	32%	37%	66%
256	10000					2	35.416	38.291	4.836	34.695	36.825	4.654			

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				1024	895.149	3188.717	769.302	834.318	1432.14	513.841	93%	45%	67%	
				2048	915.729	1697.393	827.322	840.245	1073.48	546.601	92%	63%	66%	
				4048	939.993	863.386	874.999	891.38	959.474	544.661	95%	111%	62%	
				6048	938.138	847.909	855.452	864.105	963.062	551.955	92%	114%	65%	
				8048	945.525	859.917	858.468	857.032	955.652	558.426	91%	111%	65%	
				10048	948.785	881.282	876.108	875.19	962.61	565.238	92%	109%	65%	
	4096	10000		2	37.007	39.262	4.56	35.347	36.213	4.54	96%	92%	100%	
				4	60.419	57.612	7.325	61.923	54.881	6.985	102%	95%	95%	
				8	112.449	103.876	11.637	105.255	106.737	12.602	94%	103%	108%	
				16	204.678	202.857	21.768	190.758	188.951	23.281	93%	93%	107%	
				32	405.812	373.268	43.904	360.487	355.951	42.843	89%	95%	98%	
				64	703.005	713.373	87.893	628.36	641.667	82.929	89%	90%	94%	
				128	630.104	1321.039	185.636	1061.696	1075.389	154.798	168%	81%	83%	
				256	384.051	2338.113	368.607	1508.731	1554.289	268.924	393%	66%	73%	
				512	288.969	3520.012	586.23	817.906	1715.781	371.448	283%	49%	63%	
				1024	248.329	3110.48	779.259	258.354	1287.779	509.601	104%	41%	65%	
				2048	229.249	933.993	834.721	235.45	256.515	325.56	103%	27%	39%	
				4048	242.862	239.347	842.24	240.117	241.209	240.741	99%	101%	29%	
				6048	239.286	244.549	862.522	240.074	247.034	242.907	100%	101%	28%	
				8048	246.445	249.184	886.468	251.243	245.046	250.185	102%	98%	28%	
				10048	248.478	247.488	852.598	249.22	251.662	271.675	100%	102%	32%	
	32	16	10000	2	33.626	34.295	4.669	33.681	35.07	4.657	100%	102%	100%	
				4	58.843	61.199	7.144	60.244	62.543	7.128	102%	102%	100%	
				8	107.254	105.916	12.522	109.181	107.288	12.538	102%	101%	100%	
				16	205.135	194.096	24.608	189.795	193.52	22.619	93%	100%	92%	
				32	386.299	377.122	43.006	356.405	360.38	40.318	92%	96%	94%	
				64	758.038	720.585	90.639	654.811	638.639	85.349	86%	89%	94%	
				128	1452.142	1335.971	187.285	1079.599	1102.624	162.848	74%	83%	87%	
				256	2357.744	2345.69	365.993	1564.247	1563.227	275.2	66%	67%	75%	
				512	2875.761	3553.565	603.76	1714.475	1733.158	362.274	60%	49%	60%	
				1024	2814.731	3269.424	782.472	775.478	1285.736	580.655	28%	39%	74%	
				2048	2706.001	1837.674	838.245	500.626	943.382	602.608	19%	51%	72%	
				4048	2688.489	1800.974	868.371	588.198	918.657	613.46	22%	51%	71%	
				6048	2731.74	2746.161	871.462	595.256	927.869	622.297	22%	34%	71%	
				8048	2736.21	2787.151	889.391	618.472	936.062	632.05	23%	34%	71%	
				10048	2746.587	2764.912	905.311	592.656	981.955	647.334	22%	36%	72%	
	256	10000		2	36.892	36.995	4.589	37.954	35.804	4.613	103%	97%	101%	
				4	58.68	59.76	6.539	58.159	62.267	7.421	99%	104%	113%	
				8	109.228	111.195	12.375	107.33	106.974	12.286	98%	96%	99%	
				16	199.956	205.381	23.401	193.339	187.078	22.205	97%	91%	95%	
				32	393.731	377.051	45.14	352.798	364.132	42.203	90%	97%	93%	
				64	741.561	713.479	90.925	638.682	643.29	83.296	86%	90%	92%	
				128	1291.895	1333.615	185.473	1068.266	1084.536	162.137	83%	81%	87%	
				256	1348.286	2355.539	369.771	1558.12	1571.695	276.064	116%	67%	75%	
				512	1009.01	3580.962	590.572	1689.64	1729.19	354.793	167%	48%	60%	
				1024	786.159	3173.966	776.545	599.146	1265.995	576.029	76%	40%	74%	
				2048	818.609	1814.305	857.323	487.846	942.531	579.575	60%	52%	68%	
				4048	828.679	861.377	864.022	583.159	908.45	583.902	70%	105%	68%	
				6048	864.301	855.151	855.038	585.509	948.623	586.808	68%	111%	69%	
				8048	873.102	868.855	867.302	586.912	908.051	607.628	67%	105%	70%	
				10048	872.722	867.737	861.869	588.247	922.7	604.549	67%	106%	70%	
	4096	10000		2	34.819	37.159	4.414	37.208	34.663	4.591	107%	93%	104%	
				4	61.167	58.728	8.116	57.055	59.095	7.079	93%	101%	87%	
				8	110.164	110.125	12.173	107.486	106.341	12.088	98%	97%	99%	
				16	202.699	200.502	23.446	189.915	196.893	23.375	94%	98%	100%	
				32	411.861	389.175	43.066	362.085	361.816	43.921	88%	93%	102%	
				64	694.884	721.401	93.293	641.089	651.434	85.824	92%	90%	92%	
				128	661.565	1326.608	188.799	1090.188	1072.151	158.858	165%	81%	84%	
				256	406.647	2351.722	366.692	1542.333	1572.808	268.603	379%	67%	73%	
				512	295.271	3500.032	609.99	1699.731	1727.566	363.609	576%	49%	60%	
				1024	262.12	3149.897	785.203	248.981	1255.038	580.304	95%	40%	74%	
				2048	242.728	248.631	843.187	230.277	232.871	400.374	95%	94%	47%	
				4048	236.624	246.073	859.124	241.945	238.782	245.85	102%	97%	29%	
				6048	248.628	253.611	864.732	244.024	243.576	243.246	98%	96%	28%	
				8048	252.62	259.581	863.584	250.57	252.605	266.54	99%	97%	31%	
				10048	246.263	248.758	855.169	260.787	260.767	255.313	106%	105%	30%	
4	4096	1	16	10000	2	39.42	38.219	4.598	39.109	36.742	4.758	99%	96%	103%
					4	61.176	61.887	7.785	62.629	61.534	7.228	102%	99%	93%
					8	109.49	104.117	12.104	107.222	108.938	12.419	98%	105%	103%
					16	197.039	199.327	24.276	202.116	207.022	24.027	103%	104%	99%
					32	396.004	385.763	43.833	391.056	382.659	43.736	99%	99%	100%
					64	762.524	722.435	93.265	755.866	728.01	90.547	99%	101%	97%
					128	1467.445	1330.291	191.292	1453.239	1348.761	189.301	99%	101%	99%
					256	2409.514	2355.406	370.86	2381.991	2362.448	376.428	99%	100%	102%
					512	963.982	967.792	511.312	967.746	970.662	252.911	100%	100%	49%
					1024	1245.825	1252.925	676.583	1247.763	1250.016	391.915	100%	100%	58%
					2048	1356.116	1364.318	741.206	1358.364	1350.296	470.038	100%	99%	63%
					4048	1370.759	1376.05	757.949	1369.815	1372.736	485.048	100%	100%	64%
					6048	1382.215	1394.12	765.325	1393.883	1388.979	499.008	101%	100%	65%
					8048	1400.321	1402.048	784.325	1405.189	1407.676	517.656	100%	100%	66%
					10048	1414.674	1413.755	798.75	1411.174	1426.78	530.786	100%	101%	66%
	256	10000		2	35.491	38.46	4.86	38.513	40.378	4.644	109%	105%	96%	
				4	64.136	61.518	7.2	64.185	58.863	7.196	100%	96%	100%	
				8	113.422	106.876	11.713	107.68	110.848	12.344	95%	104%	105%	
				16	200.129	198.848	23.065	198.855	205.742	23.114	99%	103%	100%	
				32	391.898	387.053	42.456	398.473	379.157	45.396	102%	98%	107%	
				64	766.308	721.715	90.514	760.253	721.355	87.537	99%	100%	97%	
				128	1311.111	1373.775	194.439	1318.072	1359.185	191.052	101%	99%	98%	
				256	1366.475	2356.22	369.908	1371.663	2375.434	366.991	100%	101%	99%	
				512	1041.176	964.702	508.415	1039.952	968.753	253.844	100%	100%	50%	
				1024	1040.675	1250.746	675.357	1029.431	1259.806	387.837	99%	101%	57%	
				2048	1028.503	1348.957	733.68	1034.767	1352.973	459.163	101%	100%	63%	
				4048	1042.198	1358.824	742.591	1030.086	1353.448	469.164	99%	100%	63%	
				6048	1027.986	1359.234	741.778	1032.666	1360.313	483.853	100%	100%	65%	
				8048	1038.261	1378.888	746.23	1038.538	1367.858	484.213	100%	99%	65%	
				10048	1045.252	1369.069	748.515	1022.313	1378.628	487.444	98%	101%	65%	
	4096	10000		2	38.564	36.26	4.712	36.268	37.652	4.792	94%	104%	102%	
				4	62.325	60.747	6.839	62.261	60.786	6.775	100%	100%	99%	
				8	108.826	110.811	12.752	112.032	109.425	12.515	103%	99%	98%	
				16	205.055	206.089	24.141	212.703	206.35	23.415	104%	100%	97%	
				32	413.821	378.208	43.118	416.981	383.9					

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							512	316.82	956.798	510.005	295.414	968.865	249.336	93%	101%	49%
							1024	284.157	1127.278	666.421	278.397	1229.879	388.28	98%	109%	58%
							2048	271.917	1276.088	723.383	272.632	1344.021	457.722	100%	105%	63%
							4048	284.711	1125.127	709.251	289.242	1312.877	462.169	102%	117%	65%
							6048	277.625	1200.653	728.525	289.679	1341.594	472.409	104%	112%	65%
							8048	286.833	1242.082	749.804	286.42	1352.816	483.451	100%	109%	64%
							10048	283.218	1290.194	752.362	294.144	1357.302	469.058	104%	105%	62%
	16	16	10000	2	39.902	37.702	4.623	33.914	37.352	4.851	33.914	37.352	4.851	85%	99%	105%
				4	59.593	63.057	7.233	64.201	58.472	7.303	64.201	58.472	7.303	108%	93%	101%
				8	109.25	108.902	12.217	107.549	108.256	11.964	107.549	108.256	11.964	98%	99%	98%
				16	196.013	200.158	22.838	192.493	198.023	22.296	192.493	198.023	22.296	98%	99%	98%
				32	395.955	384.466	43.393	366.833	360.279	41.958	366.833	360.279	41.958	93%	94%	97%
				64	775.147	725.735	90.318	656.988	649.12	84.588	656.988	649.12	84.588	85%	89%	94%
				128	1456.16	1355.193	188.966	1094.494	1105.923	160.394	1094.494	1105.923	160.394	75%	82%	85%
				256	2401.933	2377.922	368.017	1595.224	1604.746	271.843	1595.224	1604.746	271.843	66%	67%	74%
				512	960.449	968.748	510.397	963.454	966.832	191.969	963.454	966.832	191.969	100%	100%	38%
				1024	1242.999	1254.385	675.059	1246.555	1249.544	223.847	1246.555	1249.544	223.847	100%	100%	33%
				2048	1354.993	1368.586	743.891	1336.617	1323.852	238.569	1336.617	1323.852	238.569	99%	97%	32%
				4048	1371.435	1374.418	759.781	1351.441	1352.524	256.434	1351.441	1352.524	256.434	99%	98%	34%
				6048	1379.412	1397.047	775.553	1366.128	1368.106	274.676	1366.128	1368.106	274.676	99%	98%	35%
				8048	1403.102	1401.964	783.611	1383.233	1378.019	280.985	1383.233	1378.019	280.985	99%	98%	36%
				10048	1411.463	1417.975	798.312	1401.152	1399.885	297.763	1401.152	1399.885	297.763	99%	99%	37%
		256	10000	2	38.521	38.154	4.677	37.364	34.566	4.601	37.364	34.566	4.601	97%	91%	98%
				4	58.193	59.388	7.067	59.811	58.349	7.445	59.811	58.349	7.445	103%	98%	105%
				8	106.773	114.312	13.25	101.923	107.859	11.853	101.923	107.859	11.853	95%	94%	89%
				16	204.052	199.408	22.651	196.889	196.892	22.276	196.889	196.892	22.276	96%	99%	98%
				32	412.595	367.982	43.855	364.893	368.878	43.015	364.893	368.878	43.015	88%	100%	98%
				64	782.602	719.097	87.822	642.511	657.935	84.468	642.511	657.935	84.468	82%	91%	96%
				128	1294.286	1334.25	185.046	1099.661	1097.851	158.072	1099.661	1097.851	158.072	85%	82%	85%
				256	1374.42	2381.084	368.567	1594.02	1592.786	272.321	1594.02	1592.786	272.321	116%	67%	74%
				512	1035.563	960.046	509.667	1022.599	963.012	188.862	1022.599	963.012	188.862	99%	100%	37%
				1024	1039.594	1246.191	673.028	981.432	1255.664	207.558	981.432	1255.664	207.558	94%	101%	31%
				2048	1030.426	1344.641	725.378	643.107	1324.177	225.411	643.107	1324.177	225.411	62%	98%	31%
				4048	1022.159	1359.62	740.728	667.332	1341.915	247.329	667.332	1341.915	247.329	65%	99%	33%
				6048	1029.48	1351.914	743.072	722.386	1354.565	248.426	722.386	1354.565	248.426	70%	100%	33%
				8048	1040.407	1356.25	752.832	796.219	1347.754	244.426	796.219	1347.754	244.426	77%	99%	32%
				10048	1043.129	1371.373	749.154	831.266	1357.461	259.816	831.266	1357.461	259.816	80%	99%	35%
		4096	10000	2	37.552	38.459	4.961	36.406	36.583	4.932	36.406	36.583	4.932	97%	95%	99%
				4	63.499	61.181	7.873	58.005	62.22	7.128	58.005	62.22	7.128	91%	102%	91%
				8	117.034	103.168	12.725	109.369	107.307	12.757	109.369	107.307	12.757	93%	104%	100%
				16	214.105	200.238	22.516	197.244	196.013	22.619	197.244	196.013	22.619	92%	98%	100%
				32	393.55	379.84	44.991	362.26	364.393	41.806	362.26	364.393	41.806	92%	96%	93%
				64	706.904	721.917	89.679	654.262	663.901	84.416	654.262	663.901	84.416	93%	92%	94%
				128	649.452	1366.437	190.378	1109.183	1105.023	158.209	1109.183	1105.023	158.209	171%	81%	83%
				256	416.872	2357.864	373.569	1582.13	1587.811	267.569	1582.13	1587.811	267.569	380%	67%	72%
				512	323.039	953.719	504.426	322.374	963.464	187.365	322.374	963.464	187.365	100%	101%	37%
				1024	283.703	1158.576	671.358	286.656	1241.531	217.581	286.656	1241.531	217.581	101%	107%	32%
				2048	266.182	1180.241	713.853	264.124	1320.832	237.198	264.124	1320.832	237.198	99%	112%	33%
				4048	279.869	1226.99	710.659	269.751	1342.988	232.608	269.751	1342.988	232.608	96%	109%	33%
				6048	281.748	1219.461	741.293	281.769	1276.142	237.339	281.769	1276.142	237.339	100%	105%	32%
				8048	289.262	1275.363	746.25	290.882	1330.387	244.054	290.882	1330.387	244.054	101%	104%	33%
				10048	300.239	1300.559	747.565	285.036	1320.095	243.432	285.036	1320.095	243.432	95%	102%	33%
	32	16	10000	2	39.176	40.193	4.426	35.683	36.873	4.526	35.683	36.873	4.526	91%	92%	102%
				4	60.502	61.223	7.104	58.353	59.44	6.717	58.353	59.44	6.717	96%	97%	95%
				8	110.741	104.012	12.486	107.373	104.827	12.107	107.373	104.827	12.107	97%	101%	97%
				16	203.575	200.289	24.741	199.129	199.346	22.752	199.129	199.346	22.752	98%	100%	92%
				32	399.35	391.484	45.084	360.388	365.427	40.912	360.388	365.427	40.912	90%	93%	91%
				64	766.007	725.068	90.455	655.439	645.802	82.423	655.439	645.802	82.423	86%	89%	91%
				128	1459.094	1356.383	185.792	1110.741	1101.741	161.051	1110.741	1101.741	161.051	76%	81%	87%
				256	2380.639	2353.225	372.919	1596.816	1591.974	269.845	1596.816	1591.974	269.845	67%	68%	72%
				512	965.729	969.345	512.034	968.824	968.365	185.733	968.824	968.365	185.733	100%	100%	36%
				1024	1249.019	1259.236	681.132	1250.863	1253.297	228.551	1250.863	1253.297	228.551	100%	100%	34%
				2048	1356.211	1370.928	734.962	1271.862	1270.315	246.022	1271.862	1270.315	246.022	94%	93%	33%
				4048	1387.389	1375.466	756.555	950.83	1226.129	254.914	950.83	1226.129	254.914	69%	89%	34%
				6048	1389.535	1393.269	768.481	1218.885	1199.671	280.2	1218.885	1199.671	280.2	88%	86%	36%
				8048	1404.367	1405.154	777.686	1251.503	1277.289	297.855	1251.503	1277.289	297.855	89%	91%	38%
				10048	1421.123	1424.592	797.1	1363.565	1364.429	301.035	1363.565	1364.429	301.035	96%	96%	38%
		256	10000	2	38.994	38.852	4.636	36.957	37.622	4.505	36.957	37.622	4.505	95%	97%	97%
				4	61.268	61.166	7.632	61.219	61.821	7.021	61.219	61.821	7.021	100%	101%	92%
				8	106.409	108.987	12.497	107.566	102.067	12.682	107.566	102.067	12.682	101%	94%	101%
				16	202.685	204.299	22.49	202.541	197.022	23.9	202.541	197.022	23.9	100%	96%	106%
				32	403.39	377.897	44.676	366.067	371.916	43.606	366.067	371.916	43.606	91%	98%	98%
				64	751.434	727.051	89.679	652.82	646.168	83.219	652.82	646.168	83.219	87%	89%	93%
				128	1292.936	1331.485	188.042	1102.316	1108.102	157.104	1102.316	1108.102	157.104	85%	83%	84%
				256	1408.916	2358.864	373.583	1595.552	1601.417	268.03	1595.552	1601.417	268.03	113%	68%	72%
				512	1043.834	964.562	509.753	1028.476	967.912	192.946	1028.476	967.912	192.946	99%	100%	38%
				1024	1041.624	1251.507	672.032	962.876	1252.403	206.819	962.876	1252.403	206.819	92%	100%	31%
				2048	1041.735	1342.922	733.18	546.439	1229.162	231.936	546.439	1229.162	231.936	52%	92%	32%
				4048	1045.554	1361.22	735.382	471.619	1063.247	240.514	471.619	1063.247	240.514	45%	78%	33%

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			92	24441.73	16688.44	8202.005	24836.84	16024.4	8122.163	102%	96%	99%		
			112	26911.94	20501.13	8767.417	26557.61	19785.77	8790.11	99%	97%	100%		
256	100	2	308.159	679.89	252.601	309.036	680.238	250.562		100%	100%	99%		
		4	493.88	1084.632	416.904	502.305	1111.112	416.502		102%	102%	100%		
		8	828.836	1783.041	751.151	821.521	1774.293	751.262		99%	100%	100%		
		16	1483.575	3114.901	1441.533	1490.164	3194.236	1417.128		100%	103%	98%		
		32	2784.234	5979.554	2745.609	2770.635	5995.753	2820.712		100%	100%	103%		
		52	4287.866	9422.285	4446.528	4355.229	9118.51	4444.156		102%	97%	100%		
		72	5796.762	12786.26	6141.75	5887.715	12851.77	6122.565		102%	101%	100%		
		92	7372.881	16192.95	7820.785	7376.438	15669.53	7835.352		100%	97%	100%		
		112	8242.084	13880.31	8364.785	8272.931	14393.43	8403.084		100%	104%	100%		
4096	100	2	370.688	697.317	248.372	364.244	673.444	247.884		98%	97%	100%		
		4	366.323	1101.474	410.148	371.638	1100.096	408.37		101%	100%	100%		
		8	521.688	1810.307	747.616	507.179	1766.915	756.606		97%	98%	101%		
		16	662.338	3204.714	1433.571	663.666	3092.496	1421.782		100%	96%	99%		
		32	1078.434	5990.684	2723.441	1094.201	5792.412	2761.48		101%	97%	101%		
		52	1524.76	9427.396	4433.417	1532.015	9417.232	4461.792		100%	100%	101%		
		72	1980.779	12810.16	6047.792	1945.939	12252.89	6081.751		98%	96%	101%		
		92	2445.097	15441.86	7697.191	2465.532	16231	7721.806		101%	105%	100%		
		112	2306.38	11856.48	8335.788	2364.974	11890.79	6459.904		103%	100%	77%		
16	16	100	2	832.928	687.544	261.395	328.816	403.64	208.784	39%	59%	80%		
		4	1353.95	1102.237	429.859	511.565	679.683	309.953		38%	62%	72%		
		8	2440.039	1809.675	790.911	862.576	1191.789	571.38		35%	66%	72%		
		16	4604.41	3151.634	1504.656	1546.004	2056.233	998.203		34%	65%	66%		
		32	8933.168	5947.414	2865.245	2943.565	3778.276	1951.778		33%	64%	68%		
		52	14166.93	9657.091	4699.347	4523.284	5824.505	3096.539		32%	60%	66%		
		72	19742.3	13111.95	6423.534	6177.79	7834.006	4275.757		31%	60%	67%		
		92	24896.68	16625	8183.916	7754.105	9879.146	5368.916		31%	59%	66%		
		112	26681.94	20092.07	8764.898	8355.843	10995.87	5804.181		31%	55%	66%		
256	100	2	306.035	693.173	248.278	311.956	392.111	197.764		102%	57%	80%		
		4	494.266	1085.163	411.413	492.859	661.981	286.066		100%	61%	70%		
		8	842.593	1800.98	756.21	853.434	1156.28	524.319		101%	64%	69%		
		16	1484.257	3214.534	1404.67	1481.105	1985.851	933.904		100%	62%	66%		
		32	2797.509	5995.137	2758.56	2757.037	3642.561	1830.765		99%	61%	66%		
		52	4317.285	9071.735	4404.826	4288.242	5597.276	2923.767		99%	62%	66%		
		72	5912.382	12824.78	6103.609	5801.683	7617.555	3995.46		98%	59%	65%		
		92	7440.993	15657.26	7768.359	7380.507	9507.613	4962.796		99%	61%	64%		
		112	8335.118	14396.42	8397.57	7972.17	10511.82	5409.818		96%	73%	64%		
4096	100	2	365.834	679.503	250.453	386.503	402.483	188.604		106%	59%	75%		
		4	367.029	1071.79	414.418	399.997	660.599	280.029		109%	62%	68%		
		8	504.668	1753.451	744.934	542.038	1159.553	509.668		107%	66%	68%		
		16	655.988	3096.611	1405.724	689.067	1996.142	911.033		105%	64%	65%		
		32	1099.813	5949.301	2752.799	1110.698	3613.571	1785.056		101%	61%	65%		
		52	1530.707	9372.56	4423.871	1522.076	5561.896	2855.309		99%	59%	65%		
		72	1943.755	12239.5	6045.594	1951.123	7522.023	3903.054		100%	61%	65%		
		92	2467.968	15471.78	7694.12	2422.786	9494.086	4883.581		98%	61%	63%		
		112	2368.043	12020.68	8264.016	2332.069	7889.461	4365.103		98%	66%	53%		
32	16	100	2	824.077	690.809	260.694	291.816	324.199	211.942	35%	47%	81%		
		4	1363.905	1131.944	436.212	422.57	549.729	338.74		31%	49%	78%		
		8	2427.412	1840.707	793.119	681.732	967.707	589.421		28%	53%	74%		
		16	4600.831	3291.782	1475.1	1189.871	1822.196	1090.033		26%	55%	74%		
		32	8948.704	6145.381	2916.657	2092.901	3331.501	2040.012		23%	54%	70%		
		52	14339.8	9281.064	4680.889	3296.998	5174.669	3186.544		23%	56%	68%		
		72	19530.92	13140.55	6470.698	4367.17	7038.6	4362.367		22%	54%	67%		
		92	24703.82	16024.09	8157.026	5610.016	8905.57	5530.813		23%	56%	68%		
		112	26667.29	19877.88	8808.068	5827.652	10574.52	5939.731		22%	53%	67%		
256	100	2	311.774	689.669	249.227	279.407	315.777	202.35		90%	46%	81%		
		4	495.047	1085.597	414.369	410.229	534.346	321.567		83%	49%	78%		
		8	831.269	1774.322	745.324	644.654	945.587	557.161		78%	53%	75%		
		16	1478.789	3101.864	1421.147	1107.706	1768.785	1023.955		75%	57%	72%		
		32	2769.008	5847.018	2751.395	1967.241	3190.698	1896.791		71%	55%	69%		
		52	4319.122	9480.3	4421.628	3009.747	4989.264	2964.727		70%	53%	67%		
		72	5859.025	12839.61	6086.326	4091.732	6714.822	4039.369		70%	52%	66%		
		92	7469.535	16361.38	7744.156	5148.755	8561.654	5093.263		69%	52%	66%		
		112	8302.552	14396.23	8363.528	5451.457	10167.68	5466.358		66%	71%	65%		
4096	100	2	371.784	689.954	249.619	409.568	317.027	198.063		110%	46%	79%		
		4	368.665	1078.517	412.997	409.12	523.991	314.343		111%	49%	76%		
		8	506.31	1757.087	747.785	564.035	924.787	551.893		111%	53%	74%		
		16	672.198	3129.727	1415.173	747.149	1732.299	1015.462		111%	55%	72%		
		32	1082.766	5753.541	2745.065	1177.67	3163.639	1889.322		109%	55%	69%		
		52	1520.711	9391.193	4435.856	1571.732	4951.427	2929.996		103%	53%	66%		
		72	1957.282	12272.41	6062.041	2115.913	6693.278	3985.017		108%	55%	66%		
		92	2426.915	15523.83	7670.275	2436.463	8482.612	5026.414		100%	55%	66%		
		112	2326.898	12368.13	8290.848	2285.718	7640.716	4352.097		98%	62%	52%		
4	4096	1	16	100	2	416.793	414.223	233.628	414.957	416.32	161.657	100%	101%	69%
					4	693.897	691.992	384.631	691.231	692.684	234.525	100%	100%	61%
					8	1240.621	1245.908	699.258	1244.651	1243.886	468.243	100%	100%	67%
					16	2355.852	2343.448	1325.424	2350.959	2349.564	858.973	100%	100%	65%
					32	4569.773	4574.569	2584.157	4588.389	4554.921	1669.228	100%	100%	65%
					52	7346.618	7302.433	4136.274	7351.994	7334.032	2691.775	100%	100%	65%
					72	10088.81	10057.27	5692.676	10120.88	10077.87	3699.469	100%	100%	65%
					92	12836.11	12817.76	7238.819	12849.42	12838.15	4709.329	100%	100%	65%
					112	13807.74	13801.13	7798.886	13821.14	13803.57	5114.422	100%	100%	66%
256	100	2	339.5	403.902	223.216	335.244	406.882	148.454		99%	101%	67%		
		4	535.274	669.057	367.283	541.699	673.629	218.73		101%	101%	60%		
		8	947.058	1211.264	672.619	940.607	1207.923	422.688		99%	100%	63%		
		16	1748.283	2271.379	1260.484	1737.92	2268.346	789.856		99%	100%	63%		
		32	3363.143	4425.739	2453.716	3398.587	4440.868	1530.358		101%	100%	62%		
		52	5396.6	7103.45	3921.006	5313.902	7098.98	2474.62		98%	100%	63%		
		72	7324.651	9778.865	5386.867	7388.514	9784.548	3397.803		101%	100%	63%		
		92	9359.199	12406.28	6871.092	9296.051	12438	4333.125		99%	100%	63%		
		112	9975.344	13336	7405.913	9915.185	13380.93	4738.781		99%	100%	64%		
4096	100	2	297.619	406.328	221.259	298.667	404.609	144.119		100%	100%	65%		
		4	402.227	663.806	364.035	393.69	670.259	217.371		98%	101%	60%		
		8	511.315	1174.962	659.7	501.81	1197.852	419.792		98%	102%	64%		
		16	721.673	2217.83	1234.077	709.586	2258.888	772.102		98%	102%	63%		
		32	1143.073	4224.659	2410.39	1145.117	4414.168	1496.04		100%	104%	62%		
		52	1693.25	6715.388	3861.154	1701.358	7037.015	2429.284		100%	105%	63%		
		72	2241.392	9193.583	5333.524	2189.841	9705.083	3340.101		98%	106%	63%		
		92	2665.934	11556.41	6793.693	2733.924	12373.13	4276.04		103%	107%	63%		
		112	2653.035	12295.71	7302.826	2666.762	13270.45	4654.972		101%	108%			

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						16	2343.92	2346.162	1328.734	2339.148	2331.892	501.586	100%	99%	38%	
						32	4562.149	4544.599	2577.574	4539.1	4530.586	927.104	99%	100%	36%	
						52	7319.284	7299.624	4134.274	7257.678	7260.739	1535.967	99%	99%	37%	
						72	10064.77	10034.4	5699.536	10021.16	9985.659	2101.523	100%	100%	37%	
						92	12822.53	12791.46	7277.63	12756.22	12734.47	2612.374	99%	100%	36%	
						112	13771.38	13732.37	7813.64	13678.9	13647.4	2786.579	99%	99%	36%	
				256	100	2	339.912	403.651	221.19	292.99	400.617	84.637	86%	99%	38%	
						4	533.453	665.087	368.062	420.408	666.089	134.687	79%	100%	37%	
						8	951.71	1205.461	670.385	770.708	1200.646	232.671	81%	100%	35%	
						16	1748.135	2258.513	1255.195	1388.668	2249.356	441.271	79%	100%	35%	
						32	3361.958	4427.277	2449.93	2688.719	4396.766	793.976	80%	99%	32%	
						52	5372.872	7070.848	3910.346	4201.663	7057.53	1275.053	78%	100%	33%	
						72	7390.922	9746.046	5388.264	5762.595	9687.838	1757.735	78%	99%	33%	
						92	9357.523	12414.12	6890.147	7343.744	12326.19	2192.616	78%	99%	32%	
						112	10046	13329.26	7384.135	7822.321	13276.17	2377.686	78%	100%	32%	
				4096	100	2	307.889	399.417	222.74	304.844	400.448	83.967	99%	100%	38%	
						4	405.417	664.035	363.122	393.085	664.423	132.378	97%	100%	36%	
						8	524.132	1182.169	663.289	495.216	1188.951	223.367	94%	101%	34%	
						16	721.332	2191.915	1232.728	697.152	2244.333	409.86	97%	102%	33%	
						32	1164.603	4178.376	2426.893	1143.745	4344.727	772.704	98%	104%	32%	
						52	1674.136	6750.37	3872.158	1663.387	6986.143	1238.972	99%	103%	32%	
						72	2223.249	9248.619	5335.545	2199.706	9650.548	1689.047	99%	104%	32%	
						92	2671.028	11527.62	6807.349	2687.834	12188	2131.924	101%	106%	31%	
						112	2654.755	12384.58	7326.159	2692.872	13196.36	2321.694	101%	107%	32%	
				32	16	100	2	417.582	416.354	235.889	409.956	405.888	96.26	98%	97%	41%
						4	692.684	694.568	386.294	684.453	674.918	157.425	99%	97%	41%	
						8	1247.382	1248.378	711.345	1225.762	1211.091	271.134	98%	97%	38%	
						16	2352.917	2348.322	1332.751	2302.599	2297.655	507.66	98%	98%	38%	
						32	4584.34	4557.414	2580.443	4501.089	4491.787	947.374	98%	99%	37%	
						52	7315.804	7304.941	4156.763	7204.969	7194.528	1539.716	98%	98%	37%	
						72	10100.4	10049.7	5676.916	9929.985	9911.146	2094.482	98%	99%	37%	
						92	12827.61	12791.06	7236.8	12650.81	12595.47	2660.833	99%	98%	37%	
						112	13786.91	13753.87	7806	13580.9	13508	2838.112	99%	98%	36%	
				256	100	2	337.646	407.382	224.262	260.162	401.491	83.224	77%	99%	37%	
						4	538.217	673.117	367.274	399.707	659.651	143.768	74%	98%	39%	
						8	947.144	1216.7	667.367	726.054	1187.147	230.708	77%	98%	35%	
						16	1753.192	2289.492	1261.91	1280.368	2235.2	430.282	73%	98%	34%	
						32	3425.949	4409.488	2449.126	2469.79	4353	795.874	72%	99%	32%	
						52	5406.157	7115.67	3927.469	3902.657	6978.526	1339.932	72%	98%	34%	
						72	7478.887	9771.954	5381.274	5247.429	9617.464	1802.766	70%	98%	34%	
						92	9321.11	12380.82	6887.784	6661.597	12204.49	2244.916	71%	99%	33%	
						112	10079.78	13351.42	7413.209	7144.017	13163.23	2423.082	71%	99%	33%	
				4096	100	2	298.171	405.629	221.368	286.946	396.913	83.706	96%	98%	38%	
						4	397.425	660.982	362.116	388.089	658.622	138.352	98%	100%	38%	
						8	516.127	1190.453	663.593	505.408	1188.732	230.638	98%	100%	35%	
						16	722.367	2205.994	1240.822	681.037	2225.894	422.422	94%	101%	34%	
						32	1158.831	4163.709	2439.246	1153.778	4306.462	795.513	100%	103%	33%	
						52	1696.437	6714.748	3871.914	1677.065	6930.136	1262.846	99%	103%	33%	
						72	2205.549	9168.451	5322.485	2219.26	9517.274	1756.718	101%	104%	33%	
						92	2686.273	11574.83	6788.507	2728.31	12160.51	2186.177	102%	105%	32%	
						112	2629.217	12164.06	7350.106	2707.401	13075.64	2315.766	103%	107%	32%	
cyclic-fuzz	0	4096	1	16	100	2	1076.817	902.392	328.907	1068.12	882.892	334.446	99%	98%	102%	
						4	1612.505	1299.099	507.914	1607.471	1294.766	520.889	100%	100%	103%	
						8	2692.064	1976.121	857.601	2680.903	1954.539	862.393	100%	99%	101%	
						16	4827.992	3428.235	1577.305	4826.021	3375.917	1551.046	100%	98%	98%	
						32	9051.794	6316.719	2997.043	9083.873	6080.915	2975.84	100%	96%	99%	
						52	14540.81	9432.599	4775.252	14543.18	9463.909	4743.113	100%	100%	99%	
						72	19686.47	12813.55	6464.085	19691.19	13332.16	6553.645	100%	104%	101%	
						92	24673.56	16034.45	8202.524	24893.21	16040.83	8237.983	101%	100%	100%	
						112	26824	19816	8759.804	26545.89	19767.39	8751.195	99%	100%	100%	
				256	100	2	401.099	891.727	321.533	399.814	870.312	326.24	100%	98%	101%	
						4	567.203	1273.578	483.638	563.121	1283.845	486.4	99%	101%	101%	
						8	883.732	1984.217	827.409	888.108	1916.552	814.96	100%	97%	98%	
						16	1532.689	3253.067	1495.596	1535.693	3281.392	1486.526	100%	101%	99%	
						32	2847.965	6087.595	2818.272	2853.022	6175.295	2866.364	100%	101%	102%	
						52	4349.98	9345.433	4482.963	4378.16	9600.29	4505.422	101%	103%	101%	
						72	5923.629	13016	6125.493	5915.389	12491.81	6187.045	100%	96%	101%	
						92	7506.697	16392.82	7750.828	7467.929	15865.49	7849.679	99%	97%	101%	
						112	8300.052	13914.16	8361.487	8348.359	14470.11	8374.86	101%	104%	100%	
				4096	100	2	376.378	887.805	321.907	378.977	862.157	319.667	101%	97%	99%	
						4	477.353	1234.784	489.771	479.711	1238.008	484.476	100%	100%	99%	
						8	521.638	1932.509	815.162	531.203	1924.465	821.266	102%	100%	101%	
						16	668.102	3269.222	1482.067	669.137	3253.079	1489.396	100%	100%	100%	
						32	1092.242	5973.352	2861.751	1117.386	6135.34	2814.915	102%	103%	98%	
						52	1543.117	9188.151	4474.63	1520.612	9131.338	4538.623	99%	99%	101%	
						72	2058.53	12936	6107.139	2069.278	12484.51	6112.913	101%	97%	100%	
						92	2419.279	15726.08	7775.126	2445.112	16438.15	7812.834	101%	105%	100%	
						112	2307.075	11877.95	8293.005	2339.617	12059.36	6416.451	101%	102%	77%	
				16	16	2	1062.85	901.481	329.85	411.445	539.375	242.549	39%	60%	74%	
						4	1598.747	1281.804	500.846	581.045	796.06	344.764	36%	62%	69%	
						8	2695.381	1947.626	854.159	919.425	1312.147	589.321	34%	67%	69%	
						16	4808.866	3318.146	1561.725	1611.906	2173.325	1049.599	34%	65%	67%	
						32	9144.902	6004.154	2966.467	2961.535	3867.441	1996.998	32%	64%	67%	
						52	14564.08	9460.111	4715.425	4555.125	5896.868	3115.063	31%	62%	66%	
						72	19590.5	12961.99	6543.769	6160.248	7974.184	4279.615	31%	62%	65%	
						92	25213.08	16668.76	8233.746	7800.295	10016.95	5442.517	31%	60%	66%	
						112	26303.45	20384.21	8780.802	8468.753	10884.96	5783.872	32%	53%	66%	
				256	100	2	399.771	863.625	320.986	408.49	523.907	228.549	102%	61%	71%	
						4	561.376	1248.739	481.019	565.767	775.432	335.19	101%	62%	70%	
						8	903.096	1973.06	816.961	883.979	1242.882	563.04	98%	63%	69%	
						16	1536.207	3380.695	1502.554	1563.218	2108.147	977.546	102%	62%	65%	
						32	2834.639	6128.348	2832.201	2793.89	3768.785	1860.225	99%	61%	66%	
						52	4372.458	9275.69	4514.694							

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32	16	100	112	2363.887	11926.76	8293.844	2306.442	7944.999	4362.25	98%	67%	53%
			2	1067.079	903.996	336.675	372.186	431.626	270.424	35%	48%	80%
			4	1625.677	1295.536	508.414	478.142	651.299	375.498	29%	50%	74%
			8	2698.233	1963.279	867.773	724.01	1061.853	644.882	27%	54%	74%
			16	4866.451	3363.699	1565.521	1221.846	1913.743	1132.286	25%	57%	72%
			32	9057.457	6113.344	2993.288	2131.589	3409.181	2084.655	24%	56%	70%
			52	14362.82	9486.626	4788.143	3292.888	5283.517	3192.651	23%	56%	67%
			72	19967.75	13215.11	6504.928	4447.616	7149.692	4431.096	22%	54%	68%
			92	25266.27	16723.3	8252.783	5562.561	8967.109	5496.444	22%	54%	67%
			112	26649.61	20453.48	8835.428	5922.185	10560.54	5958.904	22%	52%	67%
			256	400.802	882.299	323.137	360.711	421.425	256.629	90%	48%	79%
			4	563.634	1242.654	487.702	458.818	629.414	364.14	81%	51%	75%
			8	895.49	1907.387	816.291	681.475	1024.838	615.488	76%	54%	75%
			16	1545.486	3387.682	1504.718	1159.78	1841.627	1068.062	75%	54%	71%
			32	2864.362	5911.134	2842.801	2016.494	3286.112	1941.362	70%	56%	68%
			52	4366.08	9612.544	4477.964	3076.069	5079.54	3015.022	70%	53%	67%
			72	5985.774	12318.7	6176.829	4139.912	6812.443	4083.15	69%	55%	66%
			92	7552.099	16148.05	7874.813	5168.921	8731.538	5151.075	68%	54%	65%
			112	8316.966	13891.95	8348.404	5496.954	10335.91	5584.285	66%	74%	67%
			4096	377.27	883.519	318.697	412.978	422.292	260.874	109%	48%	82%
			4	469.535	1256.887	481.699	548.254	621.696	357.669	117%	49%	74%
			8	525.468	1909.176	812.682	568.7	1025.579	603.755	108%	54%	74%
			16	679.673	3349.345	1487.088	839.461	1837.692	1063.296	124%	55%	72%
			32	1106.28	6117.919	2818.632	1152.981	3261.985	1926.455	104%	53%	68%
			52	1517.742	9105.064	4493.989	1571.292	5023.62	3006.889	104%	55%	67%
			72	2082.506	12428.86	6180.721	2145.532	6760.54	4044.405	103%	54%	65%
			92	2459.518	16168.84	7822.734	2458.609	8517.625	5104.242	100%	53%	65%
			112	2290.618	12484.08	8328.574	2340.763	7783.528	4457.258	102%	62%	54%
1	16	100	2	533.195	533.633	295.786	533.107	536.108	188.034	100%	100%	64%
			4	808.032	814.36	449.548	810.649	814.636	289.307	100%	100%	64%
			8	1361.002	1369.646	756.793	1370.352	1367.476	483.397	101%	100%	64%
			16	2452.798	2453.943	1390.887	2468.148	2462.695	892.785	101%	100%	64%
			32	4699.828	4684.75	2637.619	4695.559	4682.578	1729.458	100%	100%	66%
			52	7468.307	7413.27	4191.446	7495.329	7440.298	2744.732	100%	100%	65%
			72	10216.81	10162.37	5755.573	10170	10191.14	3759.155	100%	100%	65%
			92	12947.75	12941.86	7340.831	12983.1	12912.83	4832.509	100%	100%	66%
			112	13788.63	13760.54	7800.56	13802.49	13820.78	5118.106	100%	100%	66%
			256	422.716	524.661	285.06	425.627	524.294	176.286	101%	100%	62%
			4	603.236	788.941	432.065	619.177	790.019	272.168	103%	100%	63%
			8	1030.505	1319.732	723.868	1030.21	1326.287	450.946	100%	100%	62%
			16	1829.976	2412.261	1323.149	1831.396	2408.596	823.052	100%	100%	62%
			32	3457.922	4532.075	2503.727	3423.039	4554.412	1599.459	99%	100%	64%
			52	5424.149	7239.613	3973.855	5520.628	7218.659	2532.608	102%	100%	64%
			72	7437.011	9893.207	5472.787	7481.033	9925.47	3480.271	101%	100%	64%
			92	9423.99	12551.76	6922.48	9436.642	12595.73	4445.004	100%	100%	64%
			112	9990.462	13348.72	7377.95	10067	13380.12	4720.145	101%	100%	64%
			4096	346.514	518.393	282.882	356.194	535.29	174.942	103%	103%	62%
			4	418.372	782.963	426.667	415.186	806.036	268.138	99%	103%	63%
			8	528.103	1305.478	727.162	535.927	1346.651	443.218	101%	103%	61%
			16	736.999	2286.383	1304.558	742.51	2384.192	805.616	101%	104%	62%
			32	1178.279	4351.018	2476.383	1162.787	4493.204	1581.938	99%	103%	64%
			52	1693.723	6825.611	3934.579	1729.529	7172.662	2502.259	102%	105%	64%
			72	2215.896	9200.177	5383.374	2195.135	9836.954	3417.313	99%	107%	63%
			92	2684.009	11744.25	6823.277	2678.326	12479.58	4380.947	100%	106%	64%
			112	2690.949	12376.67	7300.059	2672.173	13281.81	4634.261	99%	107%	63%
			16	534.262	532.317	295.473	526.566	527.245	117.999	99%	99%	40%
			4	813.062	808.011	447.46	800.711	795.563	173.803	98%	98%	39%
			8	1368.322	1357.572	763.064	1351.261	1341.489	291.866	99%	99%	38%
			16	2458.479	2456.96	1385.69	2442.981	2454.637	503.28	99%	100%	36%
			32	4686.651	4648.978	2632.807	4643.71	4633.136	969.365	99%	100%	37%
			52	7431.851	7403.409	4202.824	7381.94	7381.657	1521.909	99%	100%	36%
			72	10179.92	10159.54	5761.339	10127.35	10098.57	2084.499	99%	99%	36%
			92	12917	12888.49	7397.137	12776.1	12784.49	2584.067	99%	99%	35%
			112	13768.91	13757.73	7783.969	13698.81	13632.5	2810.985	99%	99%	36%
			256	423.072	519.259	283.842	335.432	520.1	104.202	79%	100%	37%
			4	622.255	784.466	430.815	496.404	783.408	149.284	80%	100%	35%
			8	1023.936	1319.2	726.41	822.975	1316.851	260.285	80%	100%	36%
			16	1817.247	2404.473	1316.285	1494.592	2386.1	448.839	82%	99%	34%
			32	3479.231	4528.287	2503.937	2853.66	4514.445	826.221	82%	100%	33%
			52	5507.357	7188.496	3980.312	4332.126	7155.84	1300.234	79%	100%	33%
			72	7444.581	9872.798	5466.186	5889.968	9830.221	1781.602	79%	100%	33%
			92	9398.817	12471.47	6957.054	7466.655	12456.61	2256.381	79%	100%	32%
			112	10014.6	13375.58	7379.963	7921.504	13267.19	2377.279	79%	99%	32%
			4096	358.387	514.108	282.741	351.112	514.831	107.776	98%	100%	38%
			4	427.767	778.116	430.036	422.347	784.847	148.488	99%	101%	35%
			8	513.965	1288.118	718.819	511.325	1308.895	256.566	99%	102%	36%
			16	737.862	2298.374	1308.242	709.502	2372.534	433.34	96%	103%	33%
			32	1172.431	4307.211	2481.877	1151.724	4494.155	809.957	98%	104%	33%
			52	1695.954	6719.68	3938.963	1676.459	7128.653	1271.186	99%	106%	32%
			72	2223.378	9305.472	5407.081	2248.967	9727.558	1714.619	101%	105%	32%
			92	2672.638	11524.48	6863.512	2681.776	12416.7	2155.017	100%	108%	31%
			112	2640.994	12257.13	7332.067	2634.892	13203	2315.558	100%	108%	32%
32	16	100	2	563.469	537.025	296.758	519.303	522.214	119.359	92%	97%	40%
			4	814.026	805.521	448.165	792.706	782.655	171.852	97%	97%	38%
			8	1358.602	1360.656	760.422	1334.404	1329.071	297.192	98%	98%	39%
			16	2472.598	2471.488	1381.128	2427.799	2419.285	513.93	98%	98%	37%
			32	4700.964	4675.248	2635.716	4601.52	4585.017	972.359	98%	98%	37%
			52	7462.509	7453.219	4196.061	7335.282	7321.55	1561.745	98%	98%	37%
			72	10211.51	10170.74	5762.546	10059.71	9977.953	2135.107	99%	98%	37%
			92	12977.63	12904.87	7318.532	12720.09	12734.57	2645.898	98%	99%	36%
			112	13800	13789.76	7792.083	13573	13786.46	2870.056	98%	98%	37%
			256	424.629	518.341	283.566	303.838	511.806	111.342	72%	99%	39%
			4	620.042	786.059	431.855	447.095	773.681	157.024	72%	98%	36%
			8	1028.05	1320.505	730.112	777.952	1313.217	261.071	76%	99%	36%
			16	1850.313	2404.683	1323.138	1376.26	2369.443	448.627	74%	99%	34%
			32	3465.271	4522.864	2506.917	2542.115	4473.459	850.555	73%	99%	34%
			52	5459.773	7200.011	3986.306	3916.848	7107.094	1337.236	72%	99%	34%
			72	7449.597	9884.977	5435.452	5333.813	9690.444	1820.98	72%	98%	34%
			92	9490.047	12520.23	6945.693	6834.662	12384.66	2267.666	72%	99%	33%
			112	10033.08	13340.49	7401.219	7200.036	13169.8	2430.354	72%	99%	33%
			4096	364.214	521.454	282.672	337.795	515.833	110.108	93%	99%	39%
			4	430.993	784.586	427.955	407.701	777.783	152.481	95%	99%	36%
			8	548.214	1291.457	722.388	523.61	1292.147	256.573	96%	100%	36%
			16	755.465	2296.089	1295.097	724.914	2325.924	439.382	96%	101%	34%

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						32	1171.043	4360.531	2475.894	1166.713	4432.944	813.131	100%	102%	33%
						52	1721.745	6895.842	3939.351	1698.469	7011.549	1281.304	99%	102%	33%
						72	2230.137	9164.503	5408.859	2255.749	9647.166	1740.041	101%	105%	32%
						92	2720.321	11724.69	6876.566	2726.657	12298.44	2183.689	100%	105%	32%
						112	2677.758	12212.75	7328.12	2825.569	13070.32	2331.785	106%	107%	32%
linear	0	4096	1	16	100000	2	1.362	1.797	1.045	1.524	1.71	1.171	112%	95%	112%
						4	2.126	1.697	1.175	2.13	2.268	1.502	100%	134%	128%
						8	3.019	3.003	1.628	3.352	2.862	1.819	111%	95%	112%
						16	5.234	4.448	2.341	5.272	4.413	2.369	101%	99%	101%
						32	9.8	8.015	3.705	9.564	7.789	3.952	98%	97%	107%
						64	18.031	13.871	6.69	18.134	13.86	6.806	101%	100%	102%
						128	35.48	24.753	12.045	35.323	24.711	11.96	100%	100%	99%
						256	69.768	49.189	23.272	69.378	47.047	23.059	99%	96%	99%
						512	136.587	96.292	45.537	137.254	96.104	46.776	100%	100%	103%
						1024	270.018	172.72	88.4	273.214	181.257	89.548	101%	105%	101%
						2048	549.867	360.023	181.902	554.616	358.572	179.023	101%	100%	98%
						4096	1086.867	704.316	361.619	1114.455	718.731	358.367	103%	102%	99%
						8192	2206.487	1494.827	716.934	2212.747	1483.288	722.004	100%	99%	101%
						16384	4386.879	2921.172	1423.711	4402.343	2897.84	1441.574	100%	99%	101%
						32768	8740.273	5779.781	2872.025	8786.482	5796.305	2881.609	101%	100%	100%
						52768	14186.85	9254.737	4674.847	14125.78	9119.122	4636.31	100%	99%	99%
						72768	19612.75	12859	6382.52	19331.43	12717.75	6407.016	99%	99%	100%
						92768	24693	15629.7	8117.091	24586.66	16395.07	8164.813	100%	105%	101%
						112768	26577	20464	8728.481	26509.9	19757.18	8804.763	100%	97%	101%
				256	100000	2	1.222	1.8	1.149	1.231	1.56	1.32	101%	87%	115%
						4	1.626	2.113	1.24	1.527	2.221	1.32	94%	105%	106%
						8	2.698	2.954	1.694	2.198	3.136	1.983	81%	106%	117%
						16	2.507	4.57	2.308	2.873	4.403	2.485	115%	96%	108%
						32	4.029	7.755	3.867	4.246	7.649	4.103	105%	99%	106%
						64	6.903	13.67	6.746	7.449	13.653	6.673	108%	100%	99%
						128	12.39	25.361	12.038	12.247	24.961	11.996	99%	98%	100%
						256	23.197	47.11	23.694	22.821	49.143	23.405	98%	104%	99%
						512	41.323	91.45	45.694	42.445	88.726	45.258	103%	97%	99%
						1024	77.222	185.465	85.991	84.922	174.785	85.447	110%	94%	99%
						2048	158.988	349.44	174.723	164.896	363.892	170.31	104%	104%	97%
						4096	337.616	708.872	341.275	315.955	731.293	342.891	94%	103%	100%
						8192	671.366	1450.769	685.373	672.58	1393.501	681.243	100%	96%	99%
						16384	1217.269	2788.881	1373.057	1232.32	2742.295	1378.043	101%	98%	100%
						32768	2686.128	5657.736	2726.601	2600.846	5565.275	2742.256	97%	98%	101%
						52768	4374.996	9142.226	4430.005	4192.532	9097.548	4392.164	96%	100%	99%
						72768	5881.586	12051.12	6121.499	6032.063	12303.4	6105.763	103%	102%	100%
						92768	7462.293	15020.82	7735.477	7502.719	15413.9	7770.891	101%	103%	100%
						112768	8276.92	14317.46	8415.919	8333.176	13840.43	8341.016	101%	97%	99%
				4096	100000	2	1.252	1.561	0.989	1.312	1.611	1.389	105%	103%	140%
						4	1.678	1.939	1.236	1.68	1.98	1.422	100%	102%	115%
						8	1.835	2.938	1.616	2.015	2.904	1.724	110%	99%	107%
						16	2.83	4.836	2.316	2.85	4.648	2.65	101%	96%	114%
						32	3.728	7.756	3.92	3.598	7.626	4.42	97%	98%	113%
						64	5.392	13.908	6.712	5.26	14.46	7.659	98%	104%	114%
						128	6.859	25.035	11.929	7.306	26.776	12.335	107%	107%	103%
						256	10.58	48.824	23.32	10.251	45.384	23.612	97%	93%	101%
						512	15.893	92.544	43.145	15.598	94.409	43.556	98%	102%	101%
						1024	27.773	178.037	85.743	30.552	173.987	85.137	110%	98%	99%
						2048	52.594	349.774	169.409	53.01	356.136	171.963	101%	102%	102%
						4096	102.527	723.032	339.46	99.872	727.716	338.219	97%	101%	100%
						8192	194.782	1409.7	676.818	196.444	1364.822	676.153	101%	97%	100%
						16384	398.145	2835.243	1376.164	385.03	2854.576	1375.707	97%	101%	100%
						32768	771.068	5733.523	2731.127	784.634	5559.079	2719.09	102%	97%	100%
						52768	1252.195	8896.879	4372.04	1242.475	8908.765	4440.287	99%	100%	102%
						72768	1686.16	12142.76	6057.167	1702.416	12114	6054.418	101%	100%	100%
						92768	2133.015	15102.48	7702.086	2163.358	15936.61	7665.336	101%	106%	100%
						112768	2319.299	12438.9	8275.707	2351.806	11898.22	6375.782	101%	96%	77%
				16	16	2	1.579	1.464	0.992	1.37	1.331	1.36	87%	91%	137%
						4	2.11	1.982	1.231	1.545	1.586	1.741	73%	80%	141%
						8	2.965	2.781	1.65	2.2	2.112	2.13	74%	76%	129%
						16	5.318	4.707	2.35	2.917	3.182	2.96	55%	68%	126%
						32	9.724	7.946	3.641	4.372	5.421	3.927	45%	68%	108%
						64	18.018	13.761	6.53	7.471	9.249	6.228	41%	67%	95%
						128	35.152	25.184	12.083	13.268	17.74	9.267	38%	70%	77%
						256	69.091	47.47	23.235	24.814	30.451	16.617	36%	64%	72%
						512	138.429	95.024	44.488	43.597	58.137	31.812	31%	61%	72%
						1024	274.994	183.694	90.373	85.098	113.836	61.283	31%	62%	68%
						2048	555.678	373.785	177.931	177.494	220.385	122.831	32%	59%	69%
						4096	1106.542	720.354	356.672	336.688	446.051	236.538	30%	62%	66%
						8192	2192.276	1473.773	718.102	626.294	831.39	476.278	29%	56%	66%
						16384	4405.623	2917.608	1452.805	1313.518	1752.885	971.058	30%	60%	67%
						32768	8722.149	5839.32	2881.445	2722.16	3477.192	1932.983	31%	60%	67%
						52768	14029.8	9363.111	4626.201	4332.828	5821.254	3076.452	31%	62%	67%
						72768	19495.12	12859.96	6396.836	5973.056	8021.147	4222.333	31%	62%	66%
						92768	24803.91	15487.46	8115.797	7483.813	10200.08	5376.863	30%	66%	66%
						112768	26524.88	20452.61	8741.133	8348.265	10914.91	5848.405	31%	53%	67%
				256	100000	2	1.179	1.552	1.013	1.168	1.296	1.246	99%	84%	123%
						4	1.659	1.919	1.255	1.621	1.616	1.6	98%	84%	127%
						8	1.899	3.21	1.486	1.845	2.142	2.036	97%	67%	137%
						16	2.553	4.684	2.29	2.551	3.33	3.241	100%	71%	142%
						32	4.206	7.736	3.61	4.043	5.647	4.099	96%	73%	114%
						64	7.102	13.636	6.381	6.889	9.221	5.776	97%	68%	91%
						128	11.942	24.438	12.244	12.654	15.36	9.495	106%	63%	78%
						256	23.178	46.348	22.315	22.824	30.663	16.501	98%	66%	74%
						512	42.482	93.861	44.035	41.841	55.823	30.638	98%	59%	70%
						1024	93.58	184.371	86.214	85.015	111.537	56.678	91%	60%	66%
						2048	158.026	351.885	174.765	171.882	208.871	113.345	109%	59%	65%
						4096	334.674	732.306	344.359	310.615	438.854	226.644	93%	60%	66%
						8192	597.922	1402.666	710.51	683.591	805.587	447.559	114%	57%	63%
						16384	1352.04	2851.007	1371.298	1362.444	1790.263	903.209	101%	63%	66%
						32768	2658.199	5687.105	2747.767	2594.234	3480.55	1832.583	98%	61%	67%
						52768	4332.59	8940.49	4399.894	4155					

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						32	3.659	8.038	3.601	3.581	5.478	4.015	98%	68%	111%
						64	5.499	13.908	6.936	5.36	9.67	6.604	97%	70%	95%
						128	6.818	24.172	11.908	6.824	17.118	9.583	100%	71%	80%
						256	10.284	48.593	22.753	10.206	29.34	16.531	99%	60%	73%
						512	16.283	88.741	44.933	15.996	58.811	30.693	98%	66%	68%
						1024	28.042	174.012	85.197	27.681	112.004	58.593	99%	64%	69%
						2048	51.036	354.63	173.053	52.502	199.345	110.212	103%	56%	64%
						4096	98.204	706.403	339.428	100.092	412.495	221.753	102%	58%	65%
						8192	196.839	1412.613	684.309	195.227	837.621	448.59	99%	59%	66%
						16384	394.572	2799.181	1350.289	379.336	1661.735	872.05	96%	59%	65%
						32768	787.481	5492.367	2735.483	790.403	3462.251	1770.409	100%	63%	65%
						52768	1261.515	8746.504	4402.029	1219.597	5399.315	2804.6	97%	62%	64%
						72768	1733.774	12530.9	6030.308	1705.752	7542.733	3878.703	98%	60%	64%
						92768	2156.435	15306	7685.759	2146.659	9539.907	4938.425	100%	62%	64%
						112768	2311.283	11871.62	8233.128	2317.405	7959.348	4350.198	100%	67%	53%
		32	16	100000		2	1.43	1.649	1.014	1.242	1.308	1.249	87%	79%	123%
						4	2.175	2.056	1.226	1.456	1.626	1.71	67%	79%	139%
						8	3.051	3.084	1.694	2.227	2.209	2.352	73%	72%	139%
						16	5.19	4.928	2.307	3.127	3.249	3.035	60%	66%	132%
						32	9.483	8.006	3.717	4.156	5.018	3.967	44%	63%	107%
						64	18.271	13.587	6.56	6.141	8.474	6.414	34%	62%	98%
						128	35.378	24.344	12.218	9.851	15.999	10.121	28%	66%	83%
						256	69.037	46.755	23.087	18.187	26.32	18.219	26%	56%	79%
						512	136.658	92.932	45.692	32.896	55.213	31.447	24%	59%	69%
						1024	275.38	189.041	91.134	63.859	96.253	57.629	23%	51%	63%
						2048	548.306	363.283	177.467	122.706	195.887	113.093	22%	54%	64%
						4096	1088.023	683.415	357.203	237.544	395.96	226.117	22%	58%	63%
						8192	2198.782	1423.304	717.16	494.66	837.176	505.215	22%	59%	70%
						16384	4381.785	2799.183	1450.526	987.441	1773.793	870.942	23%	63%	60%
						32768	8916.856	5735.614	2863.985	1897.829	3571.038	1951.152	21%	62%	68%
						52768	14195.79	8803.069	4644.457	3085.125	5513.375	3047.567	22%	63%	66%
						72768	19363.37	12373.09	6400.642	4222.132	7478.517	4256.753	22%	60%	67%
						92768	25016.58	15638.8	8108.744	5364.735	9461.929	5370.819	21%	61%	66%
						112768	26607.08	19854.27	8756.321	5840.306	10558.46	5960.753	22%	53%	68%
		256		100000		2	1.293	1.751	0.962	1.3	1.333	1.302	101%	76%	135%
						4	1.651	2.36	1.149	1.723	1.541	1.558	104%	65%	136%
						8	1.981	2.695	1.668	2.074	2.314	2.365	105%	86%	142%
						16	2.511	4.586	2.375	2.628	3.128	3.125	105%	68%	132%
						32	4.216	8.015	3.776	3.998	4.813	4.63	95%	60%	123%
						64	6.778	13.736	6.282	6.447	7.944	6.426	95%	58%	102%
						128	12.239	25.117	12.007	10.189	15.048	10.298	83%	60%	86%
						256	24.396	47.404	23.731	16.874	26.425	17.452	69%	56%	74%
						512	41.823	93.522	43.168	29.398	52.993	31.765	70%	57%	74%
						1024	87.506	183.101	86.368	59.42	98.805	59.702	68%	54%	69%
						2048	171.631	356.748	169.723	113.035	180.292	119.919	66%	51%	71%
						4096	336.772	697.783	348.06	203.123	340.328	204.54	60%	49%	59%
						8192	670.315	1402.947	685.518	442.938	726.348	466.781	66%	52%	68%
						16384	1354.744	2855.313	1388.068	831.322	1418.292	926.782	61%	50%	67%
						32768	2735.926	5669.176	2753.893	1770.518	3093.55	1835.785	65%	55%	67%
						52768	4376.797	8957.692	4420.851	2919.18	5128.856	2848.362	67%	57%	64%
						72768	6055.687	12533.9	6080.99	3931.487	7050.13	4014.236	65%	56%	66%
						92768	7481.14	15734.69	7760.437	4967.619	9226.179	5039.806	66%	59%	65%
						112768	8306.328	13799.15	8346.515	5471.492	10258.45	5593.288	66%	74%	67%
		4096		100000		2	1.286	1.694	1.111	1.646	1.327	1.205	128%	78%	108%
						4	1.207	1.803	1.113	1.648	1.884	1.623	137%	104%	146%
						8	1.922	3.413	1.787	1.808	2.31	2.31	94%	68%	129%
						16	2.952	4.77	2.342	2.344	3.033	3.385	79%	64%	145%
						32	3.909	8.019	3.732	3.474	4.981	4.117	89%	62%	110%
						64	5.438	14.403	6.812	5.531	8.423	6.939	102%	58%	102%
						128	6.892	24.992	12.064	6.903	14.384	10.566	100%	58%	88%
						256	10.832	49.315	23.002	10.059	26.47	17.612	93%	54%	77%
						512	16.082	90.28	44.042	16.365	46.591	31.566	102%	52%	72%
						1024	27.53	183.584	86.832	28.023	97.993	61.38	102%	53%	71%
						2048	51.019	356.149	171.048	54.253	192.518	119.817	106%	54%	70%
						4096	101.682	730.802	342.024	98.124	387.345	203.463	97%	53%	59%
						8192	196.191	1448.581	677.724	191.79	752.306	446.528	98%	52%	66%
						16384	383.583	2848.762	1363.891	382.856	1539.042	870.084	100%	54%	64%
						32768	768.782	5606.437	2726.418	749.383	3258.907	1744.438	97%	58%	64%
						52768	1237.532	9041.925	4361.865	1221.941	5136.021	2790.805	99%	57%	64%
						72768	1704.139	12341.27	6041.925	1652.636	7245.972	3885.51	97%	59%	64%
						92768	2197.144	15150.29	7677.508	2132.597	9236.797	4968.243	97%	61%	65%
						112768	2313.288	11967.87	8302.804	2320.444	7739.432	4382.042	100%	65%	53%
4	4096	1	16	100000		2	1.602	1.886	1.055	1.505	1.747	1.301	94%	93%	123%
						4	1.969	1.951	1.283	2.22	1.87	1.423	113%	96%	111%
						8	3.289	2.664	1.578	3.244	2.883	1.835	99%	108%	116%
						16	5.316	4.51	2.175	5.312	4.427	2.625	100%	98%	121%
						32	9.65	7.661	3.762	9.647	8.235	4	100%	107%	106%
						64	18.289	14.243	6.224	17.954	13.55	6.639	98%	95%	107%
						128	35.838	24.999	12.142	35.437	25.13	12.48	99%	101%	103%
						256	69.797	45.562	22.976	69.638	49.471	23.647	100%	109%	103%
						512	138.254	93.482	44.448	139.883	90.65	45.584	101%	97%	103%
						1024	142.525	143.973	81.457	141.918	140.831	54.527	100%	98%	67%
						2048	283.78	283.261	160.575	284.193	280.955	108.262	100%	99%	67%
						4096	561.564	565.485	323.834	567.806	565.544	212.588	101%	100%	66%
						8192	1126.179	1128.231	643.234	1131.274	1120.97	425.406	100%	99%	66%
						16384	2256.463	2268.774	1277.626	2274.209	2251.259	840.423	101%	99%	66%
						32768	4508.94	4533.89	2561.022	4520.246	4497.69	1687.695	100%	99%	66%
						52768	7283.681	7280.566	4114.749	7288.244	7253.27	2711.927	100%	100%	66%
						72768	10034.17	10035.69	5672.95	10037.4	10028.71	3728.285	100%	100%	66%
						92768	12760.5	12729.26	7231.167	12788.41	12758.1	4751.862	100%	100%	66%
						112768	13760.62	13749	7803.244	13760.11	13738.8	5141.094	100%	100%	66%
		256		100000		2	1.214	1.615	0.916	1.133	1.684	1.171	93%	104%	128%
						4	1.62	2.271	1.279	1.58	2.47	1.355	98%	109%	106%
						8	2.102	2.463	1.559	2.139	3.111	1.851	102%	126%	119%
						16	2.805	4.683	2.273	2.879	4.82	2.558	103%	103%	113%
						32	4.2	7.697	3.935	4.227	8.055	3.941	101%	105%	100%
						64	7.382	14.23	6.748	6.943	13.783	6.778	94%	97%	100%

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			16384	1681.844	2189.075	1220.697	1650.505	2201.774	779.426	98%	101%	64%
			32768	3281.689	4376.605	2431.666	3315.3	4403.34	1554.743	101%	101%	64%
			52768	5333.615	7062.397	3938.293	5282.223	7077.877	2502.222	99%	100%	64%
			72768	7328.305	9701.849	5392.082	7324.018	9732.558	3451.255	100%	100%	64%
			92768	9253.713	12369	6862.337	9371.085	12388.27	4378.298	101%	100%	64%
			112768	9972.017	13299	7400.995	9948.203	13326.2	4740.832	100%	100%	64%
	4096	100000	2	1.308	1.558	1.063	1.305	1.588	1.26	100%	102%	119%
			4	1.726	2.049	1.219	1.531	2.11	1.497	89%	103%	123%
			8	1.831	3.159	1.769	2.076	2.504	1.819	113%	79%	103%
			16	2.903	4.496	2.498	2.941	4.76	2.678	101%	106%	107%
			32	3.687	7.713	3.854	3.869	8.111	4.044	105%	105%	105%
			64	5.62	14.21	6.841	5.424	14.584	7.064	97%	103%	103%
			128	6.67	25.765	12.079	7.307	24.776	12.067	110%	96%	100%
			256	10.519	47.927	23.346	9.995	48.074	23.286	95%	100%	100%
			512	15.715	92.256	45.254	16.062	91.159	44.918	102%	99%	99%
			1024	29	94.142	73.255	33.744	136.067	50.757	116%	145%	69%
			2048	59.964	251.634	152.811	61.959	264.4	97.51	103%	105%	64%
			4096	119.057	518.159	294.218	115.038	547.51	193.876	97%	106%	66%
			8192	215.698	1035.046	595.476	223.611	1090.787	386.015	104%	105%	65%
			16384	452.426	2112.076	1194.815	437.46	2178.957	767.756	97%	103%	64%
			32768	893.634	3925.055	2389.344	892.002	4337.458	1536.642	100%	111%	64%
			52768	1426.99	6597.169	3864.46	1421.253	7010.21	2463.299	100%	106%	64%
			72768	1934.832	9040.127	5319.773	1934.056	9647.129	3388.682	100%	107%	64%
			92768	2457.047	11545.71	6791.389	2457.994	12308.4	4323.984	100%	107%	64%
			112768	2624.403	12026.34	7310.933	2650.27	13303.73	4648.603	101%	111%	64%
16	16	100000	2	1.47	1.894	0.935	1.347	1.504	1.297	92%	79%	139%
			4	2.105	2.052	1.075	1.507	1.816	1.649	72%	88%	153%
			8	3.262	2.75	1.653	2.308	2.402	2.285	71%	87%	138%
			16	5.3	4.552	2.276	2.852	3.321	3.082	54%	73%	135%
			32	9.694	7.553	3.789	4.793	5.824	3.671	49%	77%	97%
			64	18.502	14.304	6.305	7.403	9.473	6.315	40%	66%	100%
			128	35.269	25.29	12.174	13.015	15.809	9.494	37%	63%	78%
			256	71.061	49.049	23.308	23.79	29.953	18.605	33%	61%	80%
			512	140.699	91.898	45.193	44.7	56.288	32.224	32%	61%	71%
			1024	141.135	144.098	81.331	136.043	136.077	32.554	96%	94%	40%
			2048	284.744	282.839	162.226	278.614	275.021	60.076	98%	97%	37%
			4096	564.359	563.397	321.692	551.611	558.702	113.924	98%	99%	35%
			8192	1128.425	1130.632	640.534	1126.504	1121.062	229.755	100%	99%	36%
			16384	2254.566	2259.24	1279.103	2260.879	2225.451	451.313	100%	99%	35%
			32768	4527.568	4511.115	2554.058	4475.645	4487.785	902.315	99%	99%	35%
			52768	7281.006	7272.21	4112.177	7234.13	7223.532	1472.869	99%	99%	36%
			72768	10022.17	10009.26	5673.916	9964.224	9940.729	2038.866	99%	99%	36%
			92768	12796.59	12742.4	7229.954	12670.59	12634.64	2594.644	99%	99%	36%
			112768	13731.51	13721.16	7773.667	13650	13634.15	2811.711	99%	99%	36%
	256	100000	2	1.09	1.929	1.073	1.294	1.359	1.306	119%	70%	122%
			4	1.561	1.978	1.076	1.651	1.599	1.549	106%	81%	144%
			8	1.925	3.188	1.607	1.865	2.128	2.196	97%	67%	137%
			16	2.742	4.529	2.364	2.567	3.482	2.943	94%	77%	124%
			32	4.372	8.009	3.943	4.284	5.775	4.154	98%	72%	105%
			64	7.165	13.82	6.326	6.875	8.953	5.814	96%	65%	92%
			128	12.594	23.637	11.874	12.673	16.325	10.272	101%	69%	87%
			256	22.666	46.771	22.783	22.883	29.214	16.318	101%	62%	72%
			512	42.522	94.08	44.496	45.046	54.156	31.351	106%	58%	70%
			1024	108.508	137.535	80.664	86.042	129.161	28.214	79%	94%	35%
			2048	207.864	274.523	153.923	167.363	273.239	52.327	81%	100%	34%
			4096	415.361	550.714	308.822	328.629	554.631	98.363	79%	101%	32%
			8192	840.413	1090.299	609.858	653.346	1085.169	196.679	78%	100%	32%
			16384	1673.406	2197.478	1211.891	1317.033	2184.806	387.462	79%	99%	32%
			32768	3281.015	4374.535	2449.968	2623.807	4377.341	763.158	80%	100%	31%
			52768	5306.041	7015.983	3889.323	4233.17	6996.996	1263.748	80%	100%	32%
			72768	7304.83	9695.877	5375.927	5747.719	9671.151	1684.099	79%	100%	31%
			92768	9357.689	12328	6861.269	7226.059	12286.85	2188.309	77%	100%	32%
			112768	9985.563	13275.22	7380.181	7913.749	13215.83	2360.023	79%	100%	32%
	4096	100000	2	1.49	1.432	1.083	1.654	1.242	1.396	111%	87%	129%
			4	1.905	2.36	1.051	1.69	1.716	1.771	89%	73%	169%
			8	1.762	2.895	1.456	1.959	2.292	2.159	111%	79%	148%
			16	2.693	5.123	2.381	2.622	3.7	3.162	97%	72%	133%
			32	3.716	7.591	3.889	3.625	5.232	4.238	98%	69%	109%
			64	5.768	13.576	6.855	5.597	10.245	6.372	97%	75%	93%
			128	7.153	24.899	12.2	6.978	17.146	9.693	98%	69%	79%
			256	10.765	47.938	24.718	10.389	27.919	17.058	97%	58%	69%
			512	16.002	91.908	43.39	16.123	57.512	30.88	101%	63%	71%
			1024	32.301	112.171	74.281	34.054	135.867	27.958	105%	121%	38%
			2048	60.993	221.392	141.116	60.805	273.095	51.446	100%	123%	36%
			4096	116.161	507.725	288.233	117.976	529.965	97.822	102%	104%	34%
			8192	225.297	975.836	603.527	219.023	1086.698	189.62	97%	111%	31%
			16384	448.948	1987.583	1192.506	448.327	2161.111	373.724	100%	109%	31%
			32768	876.496	4106.189	2400.107	879.832	4329.483	749.159	100%	105%	31%
			52768	1407.945	6506.529	3865.463	1382.168	6968.671	1218.083	98%	107%	32%
			72768	1932.871	8857.839	5319.616	1947.031	9621.035	1661.151	101%	109%	31%
			92768	2459.469	11563.84	6783.128	2474.901	12193.33	2115.335	101%	105%	31%
			112768	2622.895	12093.93	7315.173	2656.556	13140.86	2268.779	101%	109%	31%
32	16	100000	2	1.59	1.74	1.039	1.328	1.396	1.288	84%	80%	124%
			4	2.112	2.052	1.171	1.68	1.725	1.685	80%	84%	144%
			8	3.208	2.55	1.491	2.255	2.368	2.267	70%	93%	152%
			16	5.467	4.7	2.249	2.792	3.04	3.141	51%	65%	140%
			32	9.752	8.014	3.812	4.316	4.601	4.235	44%	57%	111%
			64	17.981	13.654	6.324	6.175	8.092	6.454	34%	59%	102%
			128	36.13	26.486	11.934	10.546	15.118	10.359	29%	57%	87%
			256	69.829	46.692	23.404	17.218	27.464	18.227	25%	59%	78%
			512	141.625	90.814	46.234	33.205	54.867	34.759	23%	60%	75%
			1024	142.9	141.672	81.742	131.998	136.798	32.154	92%	97%	39%
			2048	284.754	282.18	161.829	275.527	270.693	60.47	97%	96%	37%
			4096	565.693	567.048	321.748	547.821	552.002	118.746	97%	97%	37%
			8192	1121.53	1130.335	640.645	1111.207	1104.177	232.274	99%	98%	36%
			16384	2261.406	2249.507	1274.337	2214.346	2217.414	453.879	98%	99%	36%
			32768	4522.888	4529.314	2545.336	4443.95	4400.7	915.728	98%	97%	36%
			52768	7299.909	7296.134	4101.814	7149.412	7136.052	1500.745	98%	98%	37%
			72768	10052.85	10042.48	5682.877	9918.717	9845.358	2056.162	99%	98%	36%
			92768	12766.53	12760.75	7226.81	12596.56	12564.36	2647.786	99%	98%	37%
			112768	13762.81	13735.78	7784.086	13544.15	13547.53	2822.009	98%	99%	36%
	256	100000	2	1.188	1.627	1.004	1.226	1.189	1.335	103%	73%	133%
			4	1.659	1.944	1.246	1.508	1.644	1.609	91%	85%	129%
			8	2.084	3.124	1.541	1.968	2.289	2.182	94%	73%	142%

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						16	2.789	4.312	2.381	2.766	3.204	3.127	99%	74%	131%	
						32	4.068	7.561	3.944	4.232	4.94	4.572	104%	65%	116%	
						64	7.338	14.086	6.528	6.392	8.086	6.367	87%	57%	98%	
						128	13.981	24.447	11.796	9.829	14.228	10.369	70%	58%	88%	
						256	23.593	48.95	22.8	18.056	27.397	17.316	77%	56%	76%	
						512	42.726	92.034	47.29	32.017	45.975	32.199	75%	50%	68%	
						1024	105.479	139.346	78.517	80.153	135.382	29.078	76%	97%	37%	
						2048	213.441	276.442	154.375	152.884	269.738	55.995	72%	98%	36%	
						4096	419.865	544.86	307.534	312.729	541.375	101.731	74%	99%	33%	
						8192	833.381	1090.454	608.5	620.629	1071.542	202.843	74%	98%	33%	
						16384	1652.518	2193.654	1218.317	1251.296	2148.185	394.952	76%	98%	32%	
						32768	3340.181	4377.19	2437.6	2383.265	4304.459	795.344	71%	98%	33%	
						52768	5312.644	7065.877	3908.965	3855.84	6930.513	1250.968	73%	98%	32%	
						72768	7305.878	9737.757	5387.01	5278.758	9567.971	1753.177	72%	98%	33%	
						92768	9260.757	12379	6857.584	6674.789	12189.85	2245.187	72%	98%	33%	
						112768	10067.62	13387.59	7375.792	7134.363	13099.86	2413.193	71%	98%	33%	
				4096	100000	2	1.27	1.616	1.059	1.752	1.289	1.311	138%	80%	124%	
						4	1.877	1.858	1.21	1.695	1.862	1.887	90%	100%	156%	
						8	2.007	3.007	1.605	1.927	2.27	2.346	96%	75%	146%	
						16	2.871	4.579	2.363	2.745	3.521	3.216	96%	77%	136%	
						32	3.59	7.611	3.974	3.536	5.068	4.447	98%	67%	112%	
						64	5.711	14.426	6.867	5.473	8.853	6.994	96%	61%	102%	
						128	6.912	26.587	12.139	6.378	14.886	10.307	92%	56%	85%	
						256	9.999	47.958	23.212	10.685	28.556	19.2	107%	60%	83%	
						512	15.658	88.465	45.317	15.422	50.814	32.277	98%	57%	71%	
						1024	31.673	89.145	60.718	29.563	132.595	28.167	93%	149%	46%	
						2048	65.797	263.195	131.401	62.077	270.477	52.879	94%	103%	40%	
						4096	114.203	413.143	300.937	118.634	523.36	101.42	104%	127%	34%	
						8192	230.29	1002.505	598.251	228.839	1035.058	197.729	99%	103%	33%	
						16384	437.408	1923.023	1163.949	443.219	2136.345	391.271	101%	111%	34%	
						32768	899.105	3942.879	2378.658	874.975	4298.844	763.199	97%	109%	32%	
						52768	1428.732	6305.649	3870.114	1410.491	6908.787	1235.402	99%	110%	32%	
						72768	1931.473	8865.52	5320.062	1964.899	9531.702	1700.802	102%	108%	32%	
						92768	2461.504	11568.42	6801.269	2469.956	12072.32	2178.429	100%	104%	32%	
						112768	2665.959	12379.49	7319.13	2665.093	13057.69	2330.323	100%	105%	32%	
linear-fuzz	0		4096	1	16	100000	2	34.004	32.957	4.575	35.292	34.555	4.77	104%	105%	104%
						4	59.45	54.269	7.045	56.274	54.063	7.401	95%	100%	105%	
						8	99.436	98.472	13.375	100.952	92.354	13.185	102%	94%	99%	
						16	180.555	163.013	25.713	173.029	165.864	24.685	96%	102%	96%	
						32	259.233	276.161	45.32	260.082	272.877	44.377	100%	99%	98%	
						64	293.53	375.875	67.282	295.074	365.756	67.162	101%	97%	100%	
						128	300.902	296.692	84.633	298.431	292.762	84.074	99%	99%	99%	
						256	326.87	251.894	96.238	327.018	256.444	98.927	100%	102%	103%	
						512	393.628	299.068	120.95	395.564	301.664	120.971	100%	101%	100%	
						1024	529.223	382.971	161.771	529.666	398.31	165.184	100%	104%	102%	
						2048	821.177	558.298	252.204	809.204	557.922	253.575	99%	100%	101%	
						4096	1367.593	957.443	434.463	1354.938	957.484	430.286	99%	100%	99%	
						8192	2480.139	1642.852	786.728	2469.86	1674.201	812.933	100%	102%	103%	
						16384	4612.504	3096.78	1529.309	4686.083	3122.422	1538.354	102%	101%	101%	
						32768	9051.518	6126.735	2982.735	8999.519	5961.373	3011.504	99%	97%	101%	
						52768	14441.28	9366.197	4744.699	14276.09	9318.93	4777.753	99%	99%	101%	
						72768	19848.51	13085.57	6503.571	19465.73	12682.12	6458.239	98%	97%	99%	
						92768	24721.72	16662.65	8256.549	25254.1	15901.3	8253.372	102%	95%	100%	
						112768	26420.13	20514.5	8775.047	26582.8	20571.07	8784.647	101%	100%	100%	
				256	100000	2	32.106	35.879	4.458	34.658	34.121	4.422	108%	95%	99%	
						4	58.299	52.511	7.393	62.995	57.214	7.469	108%	109%	101%	
						8	101.237	87.569	13.103	99.099	96.23	13.786	98%	110%	105%	
						16	141.962	165.603	25.305	136.339	169.126	25.524	96%	102%	101%	
						32	125.064	276.719	44.372	118.888	273.487	43.967	95%	99%	99%	
						64	104.3	369.664	67.877	102.204	374.113	66.289	98%	101%	98%	
						128	95.445	288.434	83.946	94.992	304.437	86.178	100%	106%	103%	
						256	97.961	246.964	97.01	101.084	257.156	96.265	103%	104%	99%	
						512	130.016	293.505	120.749	122.074	294.988	118.116	94%	101%	98%	
						1024	170.259	389.417	159.805	163.773	382.055	160.359	96%	98%	100%	
						2048	241.148	573.452	247.565	230.123	556.284	248.236	95%	97%	100%	
						4096	394.748	909.237	419.845	404.318	901.388	419.687	102%	99%	100%	
						8192	728.166	1662.461	768.536	778.583	1630.926	767.682	107%	98%	100%	
						16384	1363.821	3064.975	1449.059	1437.462	3088.282	1462.295	105%	101%	101%	
						32768	2783.991	5945.807	2820.933	2771.998	5818.083	2832.823	100%	98%	100%	
						52768	4405.858	9014.969	4531.66	4430.844	9407.728	4485.673	101%	104%	99%	
						72768	6186.795	12195.59	6213.87	6034.715	12345.93	6177.486	98%	101%	99%	
						92768	7509.159	16213.21	7825.281	7515.346	16327.24	7853.933	100%	101%	100%	
						112768	8295.144	13930.88	8370.1	8280.885	14158.48	8453.469	100%	102%	101%	
				4096	100000	2	38.443	32.609	4.487	36.61	35.189	4.639	95%	108%	103%	
						4	61.325	56.753	8.094	57.804	55.662	7.459	94%	98%	92%	
						8	72.927	98.297	13.849	63.727	95.911	14.34	87%	98%	104%	
						16	51.791	163.825	26.07	53.013	169.934	25.077	102%	104%	96%	
						32	35.678	277.223	44.377	41.549	269.07	43.895	116%	97%	99%	
						64	33.833	366.275	67.083	33.529	367.941	67.743	99%	100%	101%	
						128	31.823	295.374	85.38	31.15	292.359	84.193	98%	99%	99%	
						256	33.257	250.291	99.068	32.164	257.889	98.295	97%	103%	99%	
						512	39.007	304.124	119.841	39.82	296.041	119.986	102%	97%	100%	
						1024	53.501	381.648	162.636	54.567	384.866	161.419	102%	101%	99%	
						2048	78.441	550.931	246.529	78.097	575.115	247.676	100%	104%	100%	
						4096	126.522	912.758	417.619	133.236	939.758	416.37	105%	103%	100%	
						8192	228.229	1640.192	764.84	234.288	1612.631	761.28	103%	98%	100%	
						16384	424.468	2856.867	1454.841	430.001	3102.268	1442.587	101%	109%	99%	
						32768	832.083	5979.828	2847.222	813.626	5905.745	2837.345	98%	99%	100%	
						52768	1298.947	9337.827	4473.928	1285.565	9413.217	4498.174	99%	101%	101%	
						72768	1769.527	12330.77	6184.924	1784.833	12252.66	6165.388	101%	99%	100%	
						92768	2238.762	16209.63	7777.082	2258.408	16246.75	7788.476	101%	100%	100%	
						112768	2366.551	12471.82	8331.615	2365.319	12198.75	6433.464	100%	98%	77%	
				16	16	100000	2	36.323	34.741	4.754	31.105	32.472	4.392	86%	93%	92%
						4	57.812	56.381	7.278	52.45	50.834	7.33	91%	90%	101%	
						8	101.43	95.209	13.677	82.15	84.497	11.684	81%	89%		

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					8192	2454.127	1650.007	797.365	781.7	1026.479	535.423	32%	62%	67%
					16384	4678.77	3155.124	1547.88	1384.597	1972.891	1017.199	30%	63%	66%
					32768	9074.795	5969.199	2995.459	2853.71	3924.343	1994.137	31%	66%	67%
					52768	14332.42	9240.607	4724.803	4551.769	6041.627	3185.739	32%	65%	67%
					72768	19765.93	12624.14	6507.682	6171.624	8039.51	4338.678	31%	64%	67%
					92768	24861.56	15994.57	8262.526	7771.053	10293.3	5470.545	31%	64%	66%
					112768	26727.16	19989.9	8826.551	8429.214	11108.91	5848.403	32%	56%	66%
	256	100000			2	35.383	33.169	4.935	32.29	33.548	4.549	91%	101%	92%
					4	60.7	54.988	7.521	52.321	50.407	6.974	86%	92%	93%
					8	98.601	95.803	14.369	79.758	81.519	11.541	81%	85%	80%
					16	136.811	164.418	24.391	126.321	127.467	20.407	92%	78%	84%
					32	121.633	274.41	43.517	163.919	163.18	30.505	135%	59%	70%
					64	102.766	371.33	66.823	123.217	163.582	40.536	120%	44%	61%
					128	97.95	293.452	83.674	94.421	150.636	56.653	96%	51%	68%
					256	106.41	256.227	96.878	102.664	138.237	63.867	96%	54%	66%
					512	121.034	300.114	118.559	116.956	159.081	76.603	97%	53%	65%
					1024	156.606	385.379	159.859	171.325	226.22	106.163	109%	59%	66%
					2048	224.196	572.797	245.331	234.511	327.68	158.676	105%	57%	65%
					4096	409.008	935.091	417.37	397.316	550.132	271.125	97%	59%	65%
					8192	716.33	1624.408	751.654	696.952	1019.772	499.431	97%	63%	66%
					16384	1439.207	3100.592	1439.232	1332.857	1871.361	955.879	93%	60%	66%
					32768	2749.689	5825.174	2834.875	2681.767	3452.616	1840.708	98%	59%	65%
					52768	4278.356	9397.704	4462.001	4310.1	5603.482	2902.757	101%	60%	65%
					72768	6086.217	12851.13	6176.744	5872.09	7880.009	4039.511	96%	61%	65%
					92768	7594.589	15745.51	7829.376	7333.267	10011.56	5165.355	97%	64%	66%
					112768	8316.684	14401.35	8376.156	8036.524	10630.33	5427.296	97%	74%	65%
	4096	100000			2	35.623	33.994	4.749	33.93	33.836	4.77	95%	100%	100%
					4	57.617	53.723	7.34	51.604	51.899	6.953	90%	97%	95%
					8	77.833	96.521	13.805	80.929	82.399	11.656	104%	85%	84%
					16	58.01	166.997	24.57	127.24	123.879	20.712	219%	74%	84%
					32	34.838	273.163	45.156	160.991	163.723	31.72	462%	60%	70%
					64	33.707	365.333	66.431	52.787	168.781	41.852	157%	46%	63%
					128	30.837	298.802	84.216	42.134	149.998	56.685	137%	50%	67%
					256	34.079	243.683	96.85	43.23	146.436	63.493	127%	60%	66%
					512	39.526	287.917	119.668	46.688	172.957	77.181	118%	60%	64%
					1024	52.327	380.6	161.484	61.933	226.621	109.743	118%	60%	68%
					2048	78.019	563.194	246.499	81.653	323.2	165.221	105%	57%	67%
					4096	129.169	900.301	417.921	133.615	532.6	268.472	103%	59%	64%
					8192	223.589	1613.411	764.253	233.981	957.105	499.001	105%	59%	65%
					16384	423.243	3015.231	1448.847	429.011	1771.963	953.023	101%	59%	66%
					32768	848.199	5726.565	2868.4	816.912	3487.234	1849.013	96%	61%	64%
					52768	1283.637	8964.893	4506.788	1287.532	5740.704	2889.942	100%	64%	64%
					72768	1767.297	12362.3	6159.189	1772.925	7854.759	3937.728	100%	64%	64%
					92768	2235.249	16235.28	7815.996	2211.312	9914.355	5015.618	99%	61%	64%
					112768	2378.83	12471.47	8403.809	2356.95	8104.874	4436.169	99%	65%	53%
	32	16	100000		2	36.874	34.552	4.728	31.855	33.607	4.484	86%	97%	95%
					4	56.388	53.787	6.815	51.296	51.502	7.038	91%	96%	103%
					8	98.447	93.975	13.325	81.714	82.029	13.48	83%	87%	101%
					16	178.316	160.438	25.41	126.065	126.581	20.629	71%	79%	81%
					32	261.826	278.701	44.397	165.115	169.947	31.802	63%	61%	72%
					64	295.862	374.91	65.777	162.579	165.335	42.026	55%	44%	64%
					128	299.429	287.168	83.205	77.11	132.866	66.575	26%	46%	80%
					256	330.613	247.003	100.012	88.066	125.899	69.445	27%	51%	69%
					512	392.852	290.404	118.723	96.324	158.566	83.543	25%	55%	70%
					1024	531.83	391.558	165.095	132.681	217.009	116.836	25%	55%	71%
					2048	813.987	575.565	256	188.397	288.611	175.455	23%	50%	69%
					4096	1348.16	924.677	445.63	329.41	472.59	297.31	24%	51%	67%
					8192	2462.431	1689.933	814.926	544.903	931.157	534.96	22%	55%	66%
					16384	4707.373	3167.261	1547.109	1048.734	1696.662	1051.917	22%	54%	68%
					32768	9005.105	5911.32	3002.011	2037.999	3454.635	2049.742	23%	58%	68%
					52768	14435.82	9258.083	4747.948	3136.535	5649.41	3164.52	22%	61%	67%
					72768	19844.37	13048.89	6513.234	4349.013	7995.436	4389.186	22%	61%	67%
					92768	25160.81	16617.37	8276.921	5502.497	9766.424	5592.884	22%	59%	68%
					112768	26856.79	20706.69	8849.635	5952.859	10683.28	6018.513	22%	52%	68%
	256	100000			2	36.53	35.222	4.411	33.665	32.509	4.773	92%	92%	108%
					4	58.381	54.124	7.425	46.963	52.211	7.107	80%	96%	96%
					8	94.11	93.24	13.587	81.121	81.102	12.254	86%	87%	90%
					16	133.139	169.511	25.322	126.389	127.15	20.531	95%	75%	81%
					32	124.141	271.915	43.983	166.287	162.524	31.255	134%	60%	71%
					64	97.588	369.593	67.351	159.538	169.14	42.206	163%	46%	63%
					128	95.414	299.163	83.306	77.573	131.365	65.723	81%	44%	79%
					256	107.216	244.134	98.752	78.366	135.211	66.922	73%	55%	68%
					512	115.583	289.615	117.723	103.222	149.517	76.754	89%	52%	65%
					1024	158.682	374.227	161.352	127.137	205.323	111.326	80%	55%	69%
					2048	250.803	550.644	248.33	188.094	307.604	171.054	75%	56%	69%
					4096	407.335	919.542	416.794	293.881	479.612	285.844	72%	52%	69%
					8192	745.971	1659.99	769.458	524.03	852.709	509.424	70%	51%	66%
					16384	1390.779	3046.075	1448.348	982.659	1689.206	986.79	71%	55%	68%
					32768	2828.788	5879.847	2834.772	1827.911	3338.783	1916.771	65%	57%	68%
					52768	4288.631	9367.635	4483.142	2981.954	5283.415	3062.733	70%	56%	68%
					72768	5946.969	12399.74	6231.906	4004.064	7575.232	3981.876	67%	61%	64%
					92768	7769.908	16255.93	7896.633	5075.053	9308.105	5095.281	65%	57%	65%
					112768	8299.152	13918.92	8399.551	5523.548	10263.65	5670.007	67%	74%	68%
	4096	100000			2	33.973	33.727	4.758	30.878	35.397	4.723	91%	105%	99%
					4	59.244	56.56	7.252	52.055	51.223	7.114	88%	91%	98%
					8	72.554	100.28	12.807	84.29	80.366	11.744	116%	80%	92%
					16	44.862	163.88	26.202	128.119	129.33	19.908	286%	79%	76%
					32	37.221	271.454	43.223	166.037	161.637	30.182	446%	60%	70%
					64	30.544	375.865	66.978	150.985	160.891	42.751	494%	43%	64%
					128	33.289	299.685	84.968	41.436	134.04	65.797	124%	45%	77%
					256	32.261	251.913	97.717	44.017	126.506	69.935	136%	50%	72%
					512	41.278	285.265	116.555	53.298	152.021	81.861	129%	53%	70%
					1024	52.9	396.446	161.405	64.474	214.024	109.423	122%	54%	68%
					2048	78.788	570.26	246.464	86.814	322.202	168.939	110%	57%	69%
					4096	126.145	926.385	424.247	136.099	513.494	249.955	108%	55%	59%
					8192	222.623	1664.626	758.649	240.573	925.719	466.025	108%	56%	61%
					16384	428.622	3123.8	1450.78	441.274	1696.301	940.11	103%	54%	65%
					32768	805.815	5982.395	2833.761	804.689	3331.594	1944.082	100%	56%	69%
				</										

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			8	105.134	97.187	13.934	104.621	98.8	13.753	100%	102%	99%
			16	176.183	166.333	25.317	174.594	169.041	25.937	99%	102%	102%
			32	262.89	283.239	45.528	260.466	277.38	44.245	99%	98%	97%
			64	304.307	382.051	66.805	303.253	373.044	67.891	100%	98%	102%
			128	302.679	302.747	86.407	298.72	302.471	86.285	99%	100%	100%
			256	329.618	251.394	98.662	332.131	248.805	99.933	101%	99%	101%
			512	400.296	304.165	120.72	404.825	302.031	120.783	101%	99%	100%
			1024	265.822	263.675	148.612	264.546	265.599	95.87	100%	101%	65%
			2048	405.391	407.171	227.47	405.03	404.69	148.216	100%	99%	65%
			4096	689.788	686.122	391.005	688.667	689.403	256.485	100%	100%	66%
			8192	1259.281	1262.214	707.768	1250.55	1254.984	472.959	99%	99%	67%
			16384	2392.91	2397.325	1358.898	2403.131	2386.525	896.023	100%	100%	66%
			32768	4658.988	4701.033	2651.143	4652.571	4662.323	1754.124	100%	99%	66%
			52768	7443.726	7429.219	4210.617	7437.633	7450.059	2764.471	100%	100%	66%
			72768	10198.57	10190.79	5768.131	10181.41	10199.49	3807.598	100%	100%	66%
			92768	12958.09	12905.12	7322.836	12922.55	12914.81	4809.873	100%	100%	66%
			112768	13788.22	13788.67	7816.006	13797.4	13811.87	5132.51	100%	100%	66%
256	100000	2	35.946	33.851	4.881	36.048	37.455	4.822		100%	111%	99%
		4	61.56	52.358	7.211	58.418	54.707	6.934		95%	104%	96%
		8	99.753	97.931	13.853	100.348	94.86	13.755		101%	97%	99%
		16	141.403	166.627	26.002	140.166	168.081	26.629		99%	101%	102%
		32	130.36	272.506	46.246	129.238	280.523	44.599		99%	103%	96%
		64	102.706	377.255	66.418	104.096	378.996	67.334		101%	100%	101%
		128	96.13	308.203	84.353	92.555	306.716	84.359		96%	100%	100%
		256	105.25	255.731	99.76	108.201	256.967	98.39		103%	100%	99%
		512	121.445	298.809	126.135	132.305	304.401	121.159		109%	102%	96%
		1024	198.343	257.776	145.594	204.897	261.808	92.849		103%	102%	64%
		2048	302.452	398.183	220.599	300.979	393.208	141.724		100%	99%	64%
		4096	514.919	666.301	372.989	508.513	672.868	242.372		99%	101%	65%
		8192	938.002	1231.313	681.01	931.384	1228.762	435.063		99%	100%	64%
		16384	1759.64	2303.238	1292.793	1748.828	2319.683	826.277		99%	101%	64%
		32768	3438.94	4532.609	2509.544	3475.901	4504.422	1608.401		101%	99%	64%
		52768	5547.377	7169.162	3990.09	5434.066	7205.478	2544.29		98%	101%	64%
		72768	7440.899	9838.398	5468.644	7441.292	9860.606	3513.462		100%	100%	64%
		92768	9392.353	12500.9	6955.437	9348.61	12530.38	4444.93		100%	100%	64%
		112768	10030.45	13311.2	7407.663	10095.65	13385.23	4746.938		101%	101%	64%
4096	100000	2	36.564	35.374	4.815	37.302	33.779	4.701		102%	95%	98%
		4	59.438	57.399	7.906	60.01	59.25	7.521		101%	103%	95%
		8	81.244	93.534	13.902	73.506	98.204	13.465		90%	105%	97%
		16	53.012	166.073	25.377	60.241	171.58	26.241		114%	103%	103%
		32	33.803	282.059	45.095	42.845	279.861	45.534		127%	99%	101%
		64	33.816	391.907	66.864	34.602	380.061	69.054		102%	97%	103%
		128	33.764	305.676	86.077	30.847	288.667	84.626		91%	94%	98%
		256	34.902	254.259	100.067	34.68	257.051	100.94		99%	101%	101%
		512	41.053	287.444	120.238	39.78	299.503	118.372		97%	104%	98%
		1024	59.63	244.681	144.604	60.128	260.342	93.202		101%	106%	64%
		2048	90.536	341.491	219.957	88.89	400.782	141.393		98%	117%	64%
		4096	151.397	647.212	372.8	145.589	674.031	237.505		96%	104%	64%
		8192	258.13	1166.096	678.315	261.631	1229.365	438.055		101%	105%	65%
		16384	480.812	2118.38	1288.416	486.667	2332.401	819.975		101%	110%	64%
		32768	970.43	3970.828	2494.977	929.232	4523.841	1601.977		96%	114%	64%
		52768	1469.675	6804.207	3970.176	1492.524	7169.516	2552.595		102%	105%	64%
		72768	2005.343	9153.68	5442.068	2003.038	9900.457	3484.094		100%	108%	64%
		92768	2535.251	11417.24	6894.648	2552.109	12569.76	4404.417		101%	110%	64%
		112768	2707.508	12581.59	7352.103	2738.168	13323.42	4703.198		101%	106%	64%
16	16	2	36.255	36.331	4.8	32.582	33.756	4.529		90%	93%	94%
		4	61.173	55.418	7.525	52.018	51.929	7.04		85%	94%	94%
		8	102.887	101.262	12.997	82.6	82.926	12.296		80%	82%	95%
		16	179.816	167.292	26.179	122.524	129.901	20.848		68%	78%	80%
		32	265.424	272.72	42.854	168.981	169.496	30.963		64%	62%	72%
		64	292.496	371.872	66.066	171.36	170.477	40.595		59%	46%	61%
		128	296.368	302.068	86.354	105.053	156.526	57.385		35%	52%	66%
		256	328.591	259.04	99.156	114.261	149.973	65.177		35%	58%	66%
		512	404.492	301.533	122.681	131.209	169.909	80.588		32%	56%	66%
		1024	263.236	263.53	146.908	264.544	264.567	51.445		100%	100%	35%
		2048	405.226	405.856	231.826	405.293	404.742	79.245		100%	100%	34%
		4096	686.735	686.381	391.819	687.315	684.677	135.6		100%	100%	35%
		8192	1261.2	1252.857	724.853	1255.928	1251.634	252.253		100%	100%	35%
		16384	2402.309	2381.291	1359.41	2384.872	2384.457	484.466		99%	100%	36%
		32768	4644.088	4670.862	2653.907	4632.496	4626.647	978.277		100%	99%	37%
		52768	7428.957	7388.357	4201.732	7367.657	7386.239	1493.541		99%	100%	36%
		72768	10172.85	10167.76	5807.612	10100.67	10115.86	2114.798		99%	99%	36%
		92768	12909.13	12879.67	7332.168	12811.4	12815.78	2661.84		99%	100%	36%
		112768	13797.59	13750.14	7826.698	13683.7	13680.38	2851.47		99%	99%	36%
256	100000	2	37.786	34.969	4.299	32.491	32.682	4.624		86%	93%	108%
		4	58.891	58.878	7.262	51.737	49.761	6.97		88%	85%	96%
		8	99.614	93.853	13.251	83.533	84.318	12.176		84%	90%	92%
		16	135.886	166.862	27.297	128.957	127.73	20.439		95%	77%	75%
		32	128.576	280.906	45.171	168.075	167.084	31.064		131%	59%	69%
		64	107.67	365.949	68.389	128.67	170.869	43.23		120%	47%	63%
		128	101.367	303.918	85.62	100.678	153.145	57.915		99%	50%	68%
		256	107.027	253.499	99.137	111.179	153.723	64.395		104%	61%	65%
		512	126.233	295.722	119.194	126.398	174.912	79.423		100%	59%	67%
		1024	199.512	258.142	143.395	150.235	259.945	45.962		75%	101%	32%
		2048	294.977	399.983	220.17	233.703	396.865	71.476		79%	99%	32%
		4096	516.269	674.316	373.552	402.176	670.356	121.281		78%	99%	32%
		8192	937.701	1213.822	680.685	713.193	1220.085	222.017		76%	101%	33%
		16384	1757.222	2311.882	1284.433	1405.172	2291.342	415.851		80%	99%	32%
		32768	3387.233	4487.13	2503.611	2673.317	4504.195	797.568		79%	100%	32%
		52768	5421.876	7177.846	3975.438	4292.934	7123.5	1287.588		79%	99%	32%
		72768	7394.697	9841.453	5467.214	5833.662	9806.012	1716.95		79%	100%	31%
		92768	9346.082	12500.07	6934.64	7354.705	12408	2260.103		79%	99%	33%
		112768	10047.5	13363.17	7412.307	8021.109	13260.74	2388.964		80%	99%	32%
4096	100000	2	37.357	35.186	4.54	34.526	31.686	4.62		92%	90%	102%
		4	60.303	54.904	7.706	50.636	52.735	7.048		84%	96%	91%
		8	84.375	93.423	14.176	83.182	83.024	12.462		99%	89%	88%
		16	57.341	170.387	25.23	126.118	129.94	20.978		220%	76%	83%
		32	33.112	278.365	46.016	166.555	170.609	31.434		503%	61%	68%
		64	31.57	381.4	67.342	42.444	170.728	43.027		134%	45%	64%
		128	34.893	291.961	86.387	38.427	154.66	59.353		110%	53%	69%
		256	33.252	256.164	97.926	41.935	150.054	64.858		126%	59%	66%
		512	41.061	297.211	121.172	50.39	176.986	78.961		123%	60%	65%
		1024	56.44	232.565	144.107	61.788	259.755	46.979		109%	112%	33%
		2048	81.333	376.838	221.216	94.694	397.432	71.648		116%	105%	32%

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							4096	144.174	607.234	371.843	140.588	670.926	122.347	98%	110%	33%
							8192	260.415	1138.788	675.521	261.365	1215.173	218.981	100%	107%	32%
							16384	488.791	2109.076	1283.904	491.876	2292.48	404.82	101%	109%	32%
							32768	913.805	4385.142	2505.584	927.189	4488.064	816.78	101%	102%	33%
							52768	1488.378	6491.83	3952.575	1448.213	7119.876	1270.006	97%	110%	32%
							72768	1999.003	9111.286	5446.788	2006.938	9782.015	1699.774	100%	107%	31%
							92768	2537.484	11500.63	6913.39	2530.571	12333.91	2177.766	100%	107%	32%
							112768	2694.418	12165.7	7380.495	2722.824	13145.77	2336.306	101%	108%	32%
	32		16		100000	2	38.047	34.697	4.278	33.01	32.077	4.71	87%	92%	110%	
						4	59.799	54.97	6.959	54.486	51.307	6.952	91%	93%	100%	
						8	101.904	95.912	13.473	82.592	81.645	11.488	81%	85%	85%	
						16	174.645	172.602	25.772	126.936	125.289	20.648	73%	73%	80%	
						32	261.934	272.876	45.162	168.739	171.472	30.652	64%	63%	68%	
						64	299.979	370.703	68.901	170.43	169.21	43.345	57%	46%	63%	
						128	300.968	308.448	85.84	83.803	136.153	67.673	28%	44%	79%	
						256	323.422	253.537	99.168	81.353	133.356	70.58	25%	53%	71%	
						512	400.558	296.308	121.006	101.455	149.148	85.985	25%	50%	71%	
						1024	264.145	261.962	147.878	262.789	261.016	52.803	99%	100%	36%	
						2048	404.77	406.332	230.15	403.977	400.198	80.235	100%	98%	35%	
						4096	695.689	690.518	389.305	654.909	676.255	144.455	94%	98%	37%	
						8192	1258.921	1261.259	708.767	1239.849	1238.512	260.833	98%	98%	37%	
						16384	2403.046	2402.333	1358.733	2356.072	2349.22	499.009	98%	98%	37%	
						32768	4679.176	4671.574	2631.228	4585.597	4566.611	980.629	98%	98%	37%	
						52768	7447.545	7436.091	4206.858	7306.727	7307.952	1540.816	98%	98%	37%	
						72768	10178.22	10156.82	5777.693	10061.82	10034.65	2139.378	99%	99%	37%	
						92768	12928.25	12951.95	7348.497	12662.64	12717.58	2694.149	98%	98%	37%	
						112768	13823.63	13765.93	7807.858	13593.2	13577.11	2882.357	98%	99%	37%	
			256		100000	2	36.905	34.681	4.872	33.31	34.251	4.475	90%	99%	92%	
						4	56.774	55.154	7.306	54.738	53.352	6.887	96%	97%	94%	
						8	99.616	96.761	13.608	85.279	84.266	11.752	86%	87%	86%	
						16	140.664	174.472	26.187	131.646	125.375	20.278	94%	72%	77%	
						32	129.555	276.642	44.076	172.336	170.978	30.369	133%	62%	69%	
						64	102.782	374.984	67.87	169.917	169.212	42.667	165%	45%	63%	
						128	95.725	293.085	85.262	80.595	136.486	68.393	84%	47%	80%	
						256	108.892	255.06	100.715	85.248	128.986	68.106	78%	51%	68%	
						512	125.304	294.873	120.749	97.107	153.717	82.677	77%	52%	68%	
						1024	197.322	261.468	144.545	122.105	258.812	49.279	62%	99%	34%	
						2048	304.293	394.785	220.323	201.835	396.325	73.364	66%	100%	33%	
						4096	508.635	669.108	375.248	364.424	656.015	124.908	72%	98%	33%	
						8192	928.31	1220.201	675.242	657.479	1194.153	225.675	71%	98%	33%	
						16384	1729.756	2318.342	1286.209	1278.959	2280.351	423.469	74%	98%	33%	
						32768	3433.379	4516.877	2505.554	2497.898	4445.514	832.97	73%	98%	33%	
						52768	5435.844	7210.402	3980.454	3907.926	7057.909	1300.333	72%	98%	33%	
						72768	7418.462	9853.216	5459.715	5341.97	9706.874	1810.633	72%	99%	33%	
						92768	9444.999	12516.83	6940.459	6754.034	12341.88	2310.836	72%	99%	33%	
						112768	10035.23	13364.63	7427.119	7149.097	13184	2427.548	71%	99%	33%	
			4096		100000	2	39.69	34.306	4.603	33.817	31.277	4.832	85%	91%	105%	
						4	56.094	57.864	7.885	53.275	51.684	6.632	95%	89%	84%	
						8	85.643	94.572	12.857	82.876	81.971	12.14	97%	87%	94%	
						16	51.089	166.935	23.767	128.743	125.803	22.287	252%	75%	94%	
						32	38.928	277.534	44.598	169.664	170.338	32.105	436%	61%	72%	
						64	33.776	374.769	69.303	169.6	170.309	43.001	502%	45%	62%	
						128	31.002	305.498	85.161	40.652	135.262	68.636	131%	44%	81%	
						256	35.786	253.826	98.14	46.672	132.461	70.462	130%	52%	72%	
						512	42.728	294.407	121.908	55.373	153.806	83.775	130%	52%	69%	
						1024	57.323	234.299	144.934	61.635	259.059	47.431	108%	111%	33%	
						2048	91.669	356.261	219.848	90.531	384.924	72.478	99%	108%	33%	
						4096	147.947	637.408	373.037	143.235	636.747	122.329	97%	100%	33%	
						8192	253.692	1132.669	686.672	255.776	1202.492	218.594	101%	106%	32%	
						16384	483.909	2194.704	1286.064	482.399	2255.432	412.35	100%	103%	32%	
						32768	949.267	4367.38	2503.158	934.343	4440.03	815.526	98%	102%	33%	
						52768	1484.565	6834.414	3978.036	1507.762	7075.105	1314.451	102%	104%	33%	
						72768	2014.308	9028.342	5434.001	2040.254	9692	1758.972	101%	107%	32%	
						92768	2559.097	11543.18	6921.002	2599.264	12276.35	2232.751	102%	106%	32%	
						112768	2677.976	12353.56	7367.053	2738.357	12975	2354.91	102%	105%	32%	
uniform	0		4096	1	16	100000	2	36.041	40.082	4.651	36.113	35.985	4.815	100%	90%	104%
						4	62.682	60.786	6.939	63.705	65.969	7.568	102%	109%	109%	
						8	109.286	110.883	12.074	104.637	107.503	12.342	96%	97%	102%	
						16	200.822	207.357	22.989	208.256	198.235	21.977	104%	96%	96%	
						32	393.961	405.274	41.734	394.339	396.692	42.074	100%	98%	101%	
						64	777.503	754.319	84.307	781.698	774.289	80.976	101%	103%	96%	
						128	1521.546	1523.506	163.894	1510.296	1526.823	167.886	99%	100%	102%	
						256	3015.913	2970.486	325.174	3055.187	2944.974	332.422	101%	99%	102%	
						512	5973.504	5752.051	692.816	6013.99	5664.461	676.053	101%	98%	98%	
						1024	11514.54	10832.71	1430.568	11622.23	10768.57	1451.183	101%	99%	101%	
						2048	20018	19221.59	2998.179	20415.75	19191.4	3002.88	102%	100%	100%	
						4096	27669.6	31156.63	5087.502	27648.89	31222	5124.565	100%	100%	101%	
						8192	28243.22	35468	7236.384	28138.65	35241.41	7292.09	100%	99%	101%	
						16384	26504.91	20112.05	8296.772	26757.76	20861.37	8318.878	101%	104%	100%	
						32768	26687.35	17503.31	8497.253	26370.9	17716.43	8495.318	99%	101%	100%	
						52768	26714.05	20251.24	8629.343	26521.89	19762.31	8616.893	99%	98%	100%	
						72768	26242.25	19868.74	8742.669	26621.61	19836.92	8748.979	101%	100%	100%	
						92768	26552.31	20547.33	8876.126	27006.07	20561.87	8866.078	102%	100%	100%	
						112768	26733.28	20089.93	8906.104	26751.74	20037.56	8877.819	100%	100%	100%	
					256	100000	2	35.305	37.185	4.495	35.138	37.216	4.874	100%	100%	108%
						4	62.555	60.637	6.918	59.904	65.454	6.967	96%	108%	101%	
						8	109.783	110.481	13.333	109.098	114.417	12.015	99%	104%	90%	
						16	203.668	204.894	22.27	208.344	206.854	22.087	102%	101%	99%	
						32	401.912	403.665	42.785	398.276	397.472	42.488	99%	98%	99%	
						64	793.884	772.414	80.219	769.332	766.803	81.611	97%	99%	102%	
						128	1506.987	1511.952	158.384	1532.305	1495.453	161.034	102%	99%	102%	
						256	2999.104	2982.335	320.652	2960.598	2966.883	323.302	99%	99%	101%	
						512	5816.131	5692.276	678.181	5892.816	5670.613	671.743	101%	100%	99%	
						1024	10744.13	10822.67	1448.961	10784.64	10670.57	1430.092	100%	99%	99%	
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			4	62.438	58.806	7.45	61.963	62.193	7.546	99%	106%	101%
			8	108.315	108.309	12.394	107.958	110.582	12.298	100%	102%	99%
			16	207.785	200.88	23.897	205.386	203.117	21.959	99%	101%	92%
			32	396.68	400.88	42.824	401.482	400.641	42.259	101%	100%	99%
			64	796.434	781.017	82.767	795.576	777.238	82.617	100%	100%	100%
			128	1562.758	1519.062	159.899	1528.929	1521.952	166.899	98%	100%	104%
			256	3083.438	2930.457	325.192	3095.349	3007.514	324.104	100%	103%	100%
			512	5923.753	5680.704	675.391	5872.216	5704.636	670.531	99%	100%	99%
			1024	7093.97	10761.34	1462.166	7054.936	10879.32	1450.293	99%	101%	99%
			2048	4443.475	19555.41	2991.542	4492.488	19575.55	2993.72	101%	100%	100%
			4096	3058.588	31460.2	5082.514	3076.179	31085.51	5081.29	101%	99%	100%
			8192	2524.669	35510.24	7212.154	2491.375	35428.64	7256.955	99%	100%	101%
			16384	2301.274	19639.6	8170.823	2273.915	19673	8037.156	99%	100%	98%
			32768	2315.687	11806.07	8349.558	2331.255	11900.18	6405.506	101%	101%	77%
			52768	2309.135	11775.87	8391.86	2312.544	12438.78	6433.009	100%	106%	77%
			72768	2323.382	11833.86	8311.812	2323.389	11978.66	6414.479	100%	101%	77%
			92768	2347.688	11969.17	8339.037	2299.942	12519.55	6481.124	98%	105%	78%
			112768	2318.118	11932.23	8420.998	2352.67	11995.89	6470.238	101%	101%	77%
16	16	100000	2	37.543	36.597	4.688	35.99	38.866	4.891	96%	106%	104%
			4	60.678	62.174	6.932	59.983	59.417	7.161	99%	96%	103%
			8	108.73	112.173	12.372	105.773	105.941	12.556	97%	94%	101%
			16	203.952	209.018	21.578	206.033	206.906	22.769	101%	99%	106%
			32	402.39	387.527	43.348	387.622	400.494	42.072	96%	103%	97%
			64	768.992	777.947	81.848	756.292	772.67	82.328	98%	99%	101%
			128	1540.025	1507.925	160.664	1482.331	1495.144	160.797	96%	99%	100%
			256	3025.191	2959.219	328.058	2772.506	2849.688	322.825	92%	96%	98%
			512	5837.422	5690.922	682.892	5211.234	5230.973	618.618	89%	92%	91%
			1024	11591.61	10805.16	1451.749	9093.522	9144.187	1260.229	78%	85%	87%
			2048	20257.78	19252.15	3013.261	13771	13897.32	2274.092	68%	72%	75%
			4096	27431.76	31336.54	5116.532	16770.35	16894.25	3247.259	61%	54%	63%
			8192	27978.54	35323.25	7253.601	11504.31	14723.75	4579.169	41%	42%	63%
			16384	26671	20789.51	8286.692	7967.155	12309.47	5473.805	30%	59%	66%
			32768	26541.49	16669.87	8507.354	8075.751	10395.38	5475.182	30%	62%	64%
			52768	26436.17	19709	8580.884	8138.304	10807	5662.629	31%	55%	66%
			72768	26409.85	20453.47	8735.717	8255.457	10980	5776.837	31%	54%	66%
			92768	26488.65	19922.07	8832.708	8488.733	11032.54	5898.24	32%	55%	67%
			112768	26784	20608.73	8870.396	8511.041	11125.43	5924.563	32%	54%	67%
	256	100000	2	36.806	36.887	4.597	38.033	36.738	4.569	103%	100%	99%
			4	60.384	61.717	6.895	62.067	60.964	7.19	103%	99%	104%
			8	104.843	109.41	12.082	111.237	108.771	11.694	106%	99%	97%
			16	207.213	208.101	21.941	194.951	202.185	22.191	94%	97%	101%
			32	387.662	400.065	44.265	397.675	396.828	43.283	103%	99%	98%
			64	790.996	781.251	83.726	774.344	769.035	82.844	98%	98%	99%
			128	1510.391	1535.612	160.254	1462.754	1483.549	163.223	97%	97%	102%
			256	2986.905	2932.456	324.853	2830.734	2808.001	314.43	95%	96%	97%
			512	5928.49	5698.075	674.615	5247.705	5188.649	627.44	89%	91%	93%
			1024	10740.49	10798.62	1469.106	8881.142	9038.379	1254.842	83%	84%	85%
			2048	13517.45	19213.7	3008.419	13810.51	13989.11	2256.73	102%	73%	75%
			4096	10825.25	30832.22	5082.561	16369	16666.88	3239.762	151%	54%	64%
			8192	8416.262	34748.77	7176.104	8902.923	14690.61	4574.562	106%	42%	64%
			16384	8099.466	20021.26	8159.453	7805.228	12220.91	5389.436	96%	61%	66%
			32768	8215.201	14301.38	8312.737	7822.791	10047.54	5377.536	95%	70%	65%
			52768	8197.168	13741.06	8374.545	7873.304	10618.13	5388.449	96%	77%	64%
			72768	8225.269	13765.6	8422.965	7932.342	10698.16	5423.719	96%	78%	64%
			92768	8273.457	14383.48	8465.219	7954.006	10705.35	5515.27	96%	74%	65%
			112768	8311.995	13838.36	8436.934	7999.986	10702.15	5442.896	96%	77%	65%
	4096	100000	2	35.565	36.948	4.336	35.327	37.89	4.904	99%	103%	113%
			4	61.774	61.6	6.725	61.003	62.24	7.486	99%	101%	111%
			8	109.376	109.801	12.474	105.371	109.135	12.225	96%	99%	98%
			16	203.015	210.167	21.229	203.564	204.004	21.979	100%	97%	104%
			32	387.744	402.832	41.41	393.788	386.833	42.658	102%	96%	103%
			64	799.716	779.594	80.261	765.633	765.298	80.353	96%	98%	100%
			128	1541.615	1513.014	161.487	1476.617	1474.625	159.585	96%	97%	99%
			256	3072.532	2938.284	323.751	2840.408	2839.046	322.474	92%	97%	100%
			512	5787.087	5677.6	666.018	5137.189	5197.72	610.759	89%	92%	92%
			1024	6935.259	10795.92	1432.704	9041.974	9114.461	1253.667	130%	84%	88%
			2048	4472.317	19174.12	2986.394	13844.23	14009	2269.733	310%	73%	76%
			4096	3118.712	31224.12	5066.533	14874.66	16738.67	3232.141	477%	54%	64%
			8192	2512.674	34830.71	7246.723	2647.344	14715.09	4555.129	105%	42%	63%
			16384	2279.173	20724.49	8218.311	2284.814	12138	5334.506	100%	59%	65%
			32768	2260.919	12301.16	8295.68	2264.077	7602.787	4360.543	100%	62%	53%
			52768	2291.599	11835.56	8311.384	2272.091	8037.374	4370.937	99%	68%	53%
			72768	2334.894	12400.12	8354.453	2291.176	7992.238	4440.953	98%	64%	53%
			92768	2334.697	12396.34	8320.371	2307.493	7993.773	4415.495	99%	64%	53%
			112768	2328.074	12389.45	8360.969	2331.573	8015.517	4451.672	100%	65%	53%
32	16	100000	2	36.531	37.615	4.654	36.312	37.729	4.895	99%	100%	105%
			4	61.631	60.453	7.228	60.478	59.345	7.184	98%	98%	99%
			8	111.809	111.835	11.514	106.713	113.562	12.039	95%	102%	105%
			16	209.979	198.026	21.365	209.753	206.108	22.437	100%	104%	105%
			32	393.193	396.845	41.898	387.191	391.625	42.312	98%	99%	101%
			64	768.975	780.261	83.814	767.045	772.66	80.016	100%	99%	95%
			128	1544.249	1502.97	164.125	1460.332	1515.529	158.849	95%	101%	97%
			256	3063.761	2964.199	322.768	2858.839	2820.152	320.513	93%	95%	99%
			512	5912.04	5735.475	688.726	5204.992	5291.584	619.048	88%	92%	90%
			1024	11644.73	10851.49	1458.848	9144.124	9056.201	1287.484	79%	83%	88%
			2048	20466.39	19359.23	2987.253	13997.5	13878.68	2265.452	68%	72%	76%
			4096	27932.68	31446.18	5135.149	16698	17062.43	3306.267	60%	54%	64%
			8192	28204.62	35218.69	7213.824	13338.67	13953.51	4885.46	47%	40%	68%
			16384	26610.38	20745.44	8286.624	5565.679	10281.88	6346.604	21%	50%	77%
			32768	26652.12	17596.77	8499.497	5631.062	9385.368	5516.359	21%	53%	65%
			52768	26411.46	20354	8632.393	5670.915	10440.59	5827.366	21%	51%	68%
			72768	26937.45	19930.7	8732.572	5761.764	10624	5935.705	21%	53%	68%
			92768	27100.81	19839.32	8841.99	5861.364	10588.37	6025.426	22%	53%	68%
			112768	26666.13	19934.23	8868.389	5916.758	10721.71	6087.866	22%	54%	69%
	256	100000	2	36.694	37.882	4.672	35.42	37.381	4.971	97%	99%	106%
			4	62.827	60.727	7.566	60.171	63.015	7.025	96%	104%	93%
			8	108.571	107.083	12.197	108.72	107.147	12.741	100%	100%	104%
			16	203.747	212.405	21.845	196.037	198.671	22.934	96%	94%	105%
			32	401.42	397.408	43.098	396.004	393.97	43.097	99%	99%	100%
			64	790.986	787.22	83.706	761.626	774.951	82.465	96%	98%	99%
			128	1525.496	1520.637	160.44	1494.969	1489.238	163.363	98%	98%	102%
			256	2983.809	2971.077	324.293	2829.172	2840.859	318.134	95%	96%	98%
			512	5977.868	5715.173	679.885						

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					2048	13618.48	19226.1	2995.409	14013.57	14106.33	2289.839	103%	73%	76%	
					4096	10989.45	31145.5	5098.279	16643.73	16840.92	3263.417	151%	54%	64%	
					8192	8603.838	35162.77	7205.761	10728.19	14052	4806.074	125%	40%	67%	
					16384	8138.555	20719.44	8190.109	5354.916	10214.59	6273.798	66%	49%	77%	
					32768	8271.339	15425.45	8336.151	5332.507	9151.918	5375.38	64%	59%	64%	
					52768	8341.724	13887.28	8400.282	5470.852	10212.09	5536.069	66%	74%	66%	
					72768	8355.259	14346.23	8421	5469.064	10181.79	5578.704	65%	71%	66%	
					92768	8401.337	14416.65	8445.171	5500.725	10243.54	5659.445	65%	71%	67%	
					112768	8382.609	13876.36	8501.143	5478.419	10227.23	5610.002	65%	74%	66%	
			4096	100000	2	37.198	38.512	4.823	37.077	38.076	4.998	100%	99%	104%	
					4	62.821	60.474	7.439	61.211	59.429	7.165	97%	98%	96%	
					8	109.531	111.594	12.482	109.01	108.251	12.799	100%	97%	103%	
					16	210.991	208.855	22.355	203.347	204.413	22.005	96%	98%	98%	
					32	404.518	410.047	39.845	394.1	404.897	41.12	97%	99%	103%	
					64	797.365	780.458	81.557	762.948	776.907	81.522	96%	100%	100%	
					128	1538.503	1492.183	162.143	1469.217	1490.084	161.926	95%	100%	100%	
					256	3106.467	2951.174	328.45	2829.895	2838.158	317.641	91%	96%	97%	
					512	5973.427	5691.853	664.496	5296.91	5271.832	631.906	89%	93%	95%	
					1024	7062.999	10719.9	1440.642	9078.253	9161.286	1259.522	129%	85%	87%	
					2048	4520.064	19248.94	3008.182	13995.68	14147.05	2255.879	310%	73%	75%	
					4096	3128.788	31513.15	5109.243	16769.87	16788.69	3270.94	536%	53%	64%	
					8192	2538.571	35212.73	7184.614	3167.856	13999.52	4791.495	125%	40%	67%	
					16384	2335.283	19567.47	8184.971	2280.378	10007.39	6212.456	98%	51%	76%	
					32768	2310.785	11828.12	8333.36	2260.944	6846.071	4381.484	98%	58%	53%	
					52768	2312.351	12291.55	8371.961	2299.486	7732.995	4396.288	99%	63%	53%	
					72768	2339.695	11968.4	8389.183	2308.18	7677.678	4379.779	99%	64%	52%	
					92768	2366.123	11825.12	8403.423	2317.934	7800.438	4448.834	98%	66%	53%	
					112768	2355.675	12471.24	8407.389	2332.693	7754.527	4393.732	99%	62%	52%	
4	4096	1	16	100000	2	38.394	35.983	4.478	34.614	36.209	4.93	90%	101%	110%	
					4	62.115	60.257	7.257	62.275	64.955	7.037	100%	108%	97%	
					8	107.75	108.966	12.39	112.568	111.505	12.685	104%	102%	102%	
					16	205.993	211.964	22.394	206.992	200.681	21.969	100%	95%	98%	
					32	403.163	405.449	42.312	403.13	400.831	43.376	100%	99%	103%	
					64	790.925	785.492	81.374	781.396	778.633	82.124	99%	99%	101%	
					128	1548.294	1553.581	161.769	1540.569	1538.125	162.267	100%	99%	100%	
					256	3057.029	2972.466	328.756	3078.338	2955.676	331.118	101%	99%	101%	
					512	6069.09	5849.17	693.538	6081.067	5775.855	698.178	100%	99%	101%	
					1024	2837.159	2836.962	1067.054	2831.542	2831.734	562.268	100%	100%	53%	
					2048	5188.882	5194.839	2338.626	5198.555	5222.861	1093.186	100%	101%	47%	
					4096	8453.051	8468.584	4406.054	8451.043	8484.831	2090.417	100%	100%	47%	
					8192	11669.07	11676.93	6273.632	11667.39	11681.59	3388.339	100%	100%	54%	
					16384	13275.57	13288.56	7222.33	13268.86	13287.61	4503.946	100%	100%	62%	
					32768	13582.28	13565.26	7436.089	13549.24	13577.75	4758.638	100%	100%	64%	
					52768	13674.7	13693.62	7542.781	13670.1	13699.84	4862.054	100%	100%	64%	
					72768	13832	13793.66	7673.503	13793.08	13817	4980.606	100%	100%	65%	
					92768	13905.15	13917.45	7797.523	13939	13947.09	5114.673	100%	100%	66%	
					112768	13951.39	13961.1	7833.174	13989.24	13976.77	5153.173	100%	100%	66%	
			256	100000	2	39.051	35.203	5.04	36.807	39.787	4.479	94%	113%	89%	
					4	61.426	63.225	7.133	62.919	56.62	7.04	102%	90%	99%	
					8	109.752	110.058	12.404	111.772	109.783	12.295	102%	100%	99%	
					16	204.892	202.839	21.643	206.943	207.462	23.057	101%	102%	107%	
					32	403.137	408.507	42.878	399.707	402.171	42.164	99%	98%	98%	
					64	799.67	783.274	82.14	790.917	791.152	81.841	99%	101%	100%	
					128	1553.521	1526.689	164.768	1558.33	1540.206	167.683	100%	101%	102%	
					256	3054.043	3000.649	331.12	3044.358	3012.538	328.829	100%	100%	99%	
					512	6057.686	5751.055	686.802	6034.738	5792.454	696.579	100%	101%	101%	
					1024	3095.152	2830.262	1055.688	3100.544	2828.327	551.111	100%	100%	52%	
					2048	6850.163	5167.94	2334.822	6893.24	5187.188	1080.658	101%	100%	46%	
					4096	10110.28	8410.693	4404.13	10147.58	8462.387	2069.475	100%	101%	47%	
					8192	10273.5	11687.94	6220.434	10262.25	11634	3360.482	100%	100%	54%	
					16384	10029.81	13232.37	7161.765	10015.19	13223	4434.547	100%	100%	62%	
					32768	10035.73	13411	7300.738	10059.13	13436.6	4613.095	100%	100%	63%	
					52768	10097.1	13415.05	7326.086	10059.06	13474.64	4662.767	100%	100%	64%	
					72768	10212.79	13473.08	7377.152	10168.85	13513.14	4701.938	100%	100%	64%	
					92768	10230.4	13481.18	7399.137	10194.51	13535.77	4733.074	100%	100%	64%	
					112768	10201.08	13515.28	7421.71	10279.07	13555.76	4730.297	101%	100%	64%	
			4096	100000	2	34.615	36.902	4.795	40.946	35.505	4.95	118%	96%	103%	
					4	58.124	62.758	7.052	62.214	57.112	7.303	107%	91%	104%	
					8	114.235	108.319	11.993	109.067	110.209	11.991	95%	102%	100%	
					16	205.246	204.658	23.277	211.998	207.42	22.562	103%	101%	97%	
					32	403.621	408.339	42.216	403.154	407.333	43.105	100%	100%	102%	
					64	797.131	780.756	81.62	808.298	779.369	83.956	101%	100%	103%	
					128	1586.917	1546.652	165.388	1557.471	1539.455	164.788	98%	100%	100%	
					256	3137.027	3027.705	329.404	3168.538	3018.214	333.128	101%	100%	101%	
					512	6023.887	5664.495	680.046	6057.105	5773.068	689.843	101%	102%	101%	
					1024	3141.353	2843.668	1062.266	3150.154	2825.296	558.973	100%	99%	53%	
					2048	4725.057	5168.591	2343.005	4751.908	5188.723	1070.526	101%	100%	46%	
					4096	3309.519	8439.584	4402.331	3293.069	8461.335	2083.842	100%	100%	47%	
					8192	2739.675	11491.12	6226.485	2737.301	11656.26	3331.411	100%	101%	54%	
					16384	2612.775	12598.6	7129.419	2618.753	13198.51	4425.695	100%	105%	62%	
					32768	2567.607	12384.68	7247.288	2613.248	13388.71	4583.995	102%	108%	63%	
					52768	2615.879	12544.4	7290.454	2634.788	13409.86	4597.513	101%	107%	63%	
					72768	2660.312	12709.12	7304.472	2647.906	13462.61	4657.488	100%	106%	64%	
					92768	2702.572	12509.23	7338.668	2691.525	13447.5	4654.443	100%	108%	63%	
					112768	2656.085	12647.57	7343.748	2705.2	13464.28	4662.69	102%	106%	63%	
			16	16	100000	2	37.808	40.09	4.607	35.139	38.527	4.83	93%	96%	105%
					4	63.045	64.356	7.136	58.558	61.333	7.655	93%	95%	107%	
					8	112.573	109.546	11.843	111.89	111.101	11.692	99%	101%	99%	
					16	204.539	208.929	21.379	205.46	209.28	22.263	100%	100%	104%	
					32	393.2	402.247	42.614	396.703	399.026	42.001	101%	99%	99%	
					64	794.256	795.566	82.598	785.221	772.224	80.84	99%	97%	98%	
					128	1556.681	1518.012	164.143	1482.532	1507.453	164.626	95%	99%	100%	
					256	3089.331	2974.838	328.128	2882.553	2870.858	324.11	93%	97%	99%	
					512	6035.083	5722.199	669.702	5338.187	5326.153	634.501	88%	93%	95%	
					1024	2823.602	2825.018	1073.719	2806.623	2814.428	533.685	99%	100%	50%	
					2048	5172.523									

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256	100000	2	37.232	37.577	4.932	35.556	35.553	4.497	95%	95%	91%
		4	60.767	60.019	7.316	60.096	60.069	7.448	99%	100%	102%
		8	113.064	111.176	12.418	109.833	107.481	12.566	97%	97%	101%
		16	205.528	211.535	21.97	205.944	207.53	21.828	100%	98%	99%
		32	397.804	406.922	42.468	402.29	405.316	43.582	101%	100%	103%
		64	789.739	775.136	84.723	790.643	773.659	82.328	100%	100%	97%
		128	1550.622	1513.955	167.473	1517.954	1504.807	161.155	98%	99%	96%
		256	3050.918	2988.559	333.872	2890.706	2875.579	319.398	95%	96%	96%
		512	6043.68	5781.335	694.332	5288.093	5244.03	625.775	87%	91%	90%
		1024	3110.795	2829.296	1059.372	2971.828	2806.525	539.507	96%	99%	51%
		2048	6865.576	5174.242	2325.842	6326.516	5152.9	1001.025	92%	100%	43%
		4096	10089.87	8410.222	4397.191	9793.65	8450.023	1644.956	97%	100%	37%
		8192	10260.38	11614.13	6208.878	9953.99	11631.24	1940.691	97%	100%	31%
		16384	9948.794	13172.46	7148.735	8185.374	13123.43	2166.769	82%	100%	30%
		32768	10001.37	13396.87	7279.049	6848.712	13318.06	2267.065	68%	99%	31%
		52768	10004.93	13448.09	7328.433	7032.714	13346.56	2263.945	70%	99%	31%
27268	10084.6	13488.63	7355.606	7532.91	13400.61	2325.385	75%	99%	32%		
92768	10134.16	13517.59	7389.071	8037.315	13441.29	2362.221	79%	99%	32%		
112768	10137.4	13502.11	7408.911	8018.599	13444.54	2402.13	79%	100%	32%		
4096	100000	2	37.401	39.093	4.7	37.075	38.792	4.765	99%	99%	101%
		4	62.573	61.424	8.267	60.031	62.855	7.209	96%	102%	87%
		8	111.886	108.09	11.739	111.643	108.801	12.393	100%	101%	106%
		16	209.667	208.701	22.464	211.42	207.261	22.557	101%	99%	100%
		32	402.714	396.958	41.813	398.914	401.157	43.093	99%	101%	103%
		64	800.627	784.391	83.913	777.921	776.018	82.072	97%	99%	98%
		128	1576.148	1542.261	164.928	1529.533	1504.175	163.421	97%	98%	99%
		256	3154.844	3006.074	328.468	2833.871	2899.339	329.697	90%	96%	100%
		512	6012.478	5719.336	673.117	5344.11	5359.374	640.685	89%	94%	95%
		1024	3154.103	2816.888	1055.658	3009.63	2815.836	531.849	95%	100%	50%
		2048	4679.72	5166.865	2337.233	4777.586	5172.182	997.375	102%	100%	43%
		4096	3309.429	8434.851	4401.089	3294.198	8429.598	1651.49	100%	100%	38%
		8192	2738.715	11464.77	6221.576	2760.713	11647	1974.766	101%	102%	32%
		16384	2593.472	12405.88	7131.786	2600.725	13093.76	2171.824	100%	106%	30%
		32768	2617.763	12023.28	7259.135	2625.542	13291.29	2216.631	100%	111%	31%
		52768	2654.956	12505.31	7281.879	2664.791	13309.78	2232.866	100%	106%	31%
72768	2677.765	12493.67	7297.366	2653.51	13353.5	2268.702	99%	107%	31%		
92768	2676.323	12410.07	7310.489	2676.838	13365.2	2338.225	100%	108%	32%		
112768	2655.958	12107.68	7341.4	2695.074	13345.49	2324.959	101%	110%	32%		
16	100000	2	36.195	37.875	4.577	38.683	37.638	4.89	107%	99%	107%
		4	63.427	60.762	7.03	63.269	62.56	7.148	100%	103%	102%
		8	108.967	106.57	12.421	107.882	112.371	12.606	99%	105%	101%
		16	202.847	212.025	21.738	206.496	206.78	22.696	102%	98%	104%
		32	404.33	412.274	42.111	403.002	415.624	44.08	100%	101%	105%
		64	793.191	789.209	86.577	776.616	783.952	82.75	98%	99%	96%
		128	1551.503	1494.282	166.95	1502.003	1504.517	165.874	97%	101%	99%
		256	3037.789	3012.435	336.525	2845.224	2872.66	321.962	94%	95%	96%
		512	6053.261	5819.088	696.127	5341.173	5348.537	644.923	88%	92%	93%
		1024	2830.756	2837.401	1070.546	2833.195	2812.615	538.344	100%	99%	50%
		2048	5200.044	5200.708	2342.602	5174.105	5195.192	1007.248	100%	100%	43%
		4096	8489.871	8473.361	4415.69	8467.221	8478.109	1689.744	100%	100%	38%
		8192	11684.08	11682.85	6258.872	11687.7	11706.28	2002.322	100%	100%	32%
		16384	13279.81	13328.08	7213.482	13109.58	13131.86	2293.804	99%	99%	32%
		32768	13567.39	13583	7427.012	12486.63	12528.73	2435.261	92%	92%	33%
		52768	13679.62	13726	7542.309	12828.51	12940	2577.997	94%	94%	34%
72768	13815.74	13829.56	7658.318	13154.72	13304.7	2725.932	95%	96%	36%		
92768	13944	13943.72	7775.581	13681.44	13654.98	2807.853	98%	98%	36%		
112768	13993	13965.6	7822.61	13752.89	13768.73	2887.567	98%	99%	37%		
256	100000	2	36.595	37.529	4.379	38.336	36.422	4.38	105%	97%	100%
		4	63.121	60.283	7.025	64.111	63.087	7.05	102%	105%	100%
		8	109.792	113.966	12.551	108.095	111.369	12.01	98%	98%	96%
		16	205.624	207.093	23.425	202.686	204.012	22.482	99%	99%	96%
		32	401.206	405.372	42.881	397.895	406.354	41.98	99%	100%	98%
		64	788.605	790.992	82.099	777.21	775.036	84.288	99%	98%	103%
		128	1567.061	1533.304	162.708	1507.691	1500.626	162.565	96%	98%	100%
		256	3041.9	2946.726	331.524	2910.589	2874.26	324.955	96%	98%	98%
		512	5997.161	5781.056	671.257	5339.989	5328.816	627.264	89%	92%	93%
		1024	3110.838	2847.138	1060.774	2990.06	2825.851	530.67	96%	99%	50%
		2048	6865.442	5174.339	2343.032	6366.094	5157.526	989.676	93%	100%	42%
		4096	10115.29	8473.342	4396.734	9811.477	8470.908	1661.859	97%	100%	38%
		8192	10277.3	11656.71	6243.1	9917.571	11671.45	1957.025	96%	100%	31%
		16384	10012.66	13227.38	7146.262	7256.067	13071.16	2233.648	72%	99%	31%
		32768	10080.43	13432.65	7287.302	4889.789	12264.26	2281.337	49%	91%	31%
		52768	10089.92	13446.14	7324.022	5556.517	12681.87	2337.547	55%	94%	32%
72768	10129.76	13485.77	7378.144	5908.813	12868.52	2392.442	58%	95%	32%		
92768	10236.22	13518.94	7396.428	6905.756	12561.09	2438.449	67%	98%	33%		
112768	10263.63	13549.14	7414.168	7354.929	13333.13	2469.862	72%	98%	33%		
4096	100000	2	36.211	36.101	4.873	37.84	38.486	4.569	104%	107%	94%
		4	61.019	57.945	7.065	62.377	58.03	7.404	102%	100%	105%
		8	111.743	110.214	11.897	113.73	110.944	12.556	102%	101%	106%
		16	213.617	210.42	23.261	207.597	210.283	22.2	97%	100%	95%
		32	395.368	403.644	42.702	411.559	408.266	42.413	104%	101%	99%
		64	793.978	804.49	82.62	785.441	789.396	83.788	99%	98%	101%
		128	1577.619	1532.643	165.617	1516.739	1514.391	162.442	96%	99%	98%
		256	3121.773	3009.462	334.311	2844.338	2890.215	324.141	91%	96%	97%
		512	6114.056	5787.879	688.038	5293.643	5324.68	641.148	87%	92%	93%
		1024	3160.329	2825.573	1060.282	3014.896	2817.181	531.543	95%	100%	50%
		2048	4636.98	5183.217	2340.488	4814.781	5176.518	1016.076	104%	100%	43%
		4096	3331.038	8424.087	4391.791	3382.639	8474.138	1645.906	102%	101%	37%
		8192	2729.024	11348.71	6224.997	2742.428	11671.15	1962.57	100%	103%	32%
		16384	2615.478	12652.53	7148.807	2630.057	12990.15	2220.029	101%	103%	31%
		32768	2607.552	11921	7262.14	2621.822	12732.13	2280.687	101%	107%	31%
		52768	2631.974	12660.16	7281.135	2631.711	12610	2267.186	100%	100%	31%
72768	2661.096	12560	7315.446	2645.082	12648.64	2319.004	99%	101%	32%		
92768	2712.551	12642.94	7339.748	2701.3	13202	2364.361	100%	104%	32%		
112768	2704.134	12295.88	7338.683	2714.694	13230.8	2397.166	100%	108%	33%		