

Lampiran 12 Alternatif biaya algoritma wagner within untu bahan baku SBM

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1	11,302,880	14,302,189	20,445,896	30,066,016	39,524,032	52,991,478	68,221,637	85,990,157	136,318,283	190,977,538	264,027,794	335,581,601	412,612,414	491,456,407	567,030,061	649,370,273	770,987,666	891,686,222	1,035,494,772	1,201,707,022	1,330,380,507	1,462,370,998	1,620,523,143	1,762,145,419	1,940,921,115	2,100,776,652	2,260,032,086
2	0	22,605,760	25,677,614	32,091,027	39,184,539	49,958,495	62,650,295	77,880,455	93,748,165	146,051,634	216,083,549	284,798,159	358,889,103	434,834,646	507,728,585	587,249,132	667,229,907	785,270,153	925,979,664	1,088,685,641	1,214,700,817	1,344,019,665	1,499,034,136	1,637,901,343	1,775,873,580	1,933,364,613	2,090,298,754
3	0	0	25,605,069	28,811,775	33,540,783	41,621,251	51,774,691	64,466,490	78,067,385	94,557,891	161,571,465	227,446,878	298,597,953	371,645,046	441,859,271	518,560,153	595,802,059	673,430,349	811,040,823	970,240,526	1,093,597,392	1,220,244,598	1,372,121,394	1,508,233,531	1,643,521,706	1,765,067,255	1,919,680,104
4	0	0	0	31,748,776	34,113,280	39,500,258	47,115,338	57,268,778	68,602,857	82,737,576	103,865,960	166,902,175	235,113,381	305,262,025	372,796,534	446,677,751	521,180,789	596,150,770	686,649,275	842,342,706	963,041,262	1,087,016,825	1,235,755,947	1,369,113,014	1,501,717,126	1,620,898,171	1,740,222,448
5	0	0	0	0	40,114,655	42,808,145	47,884,864	55,499,944	64,567,207	76,346,140	94,456,184	114,330,565	179,601,902	246,852,096	311,706,891	382,768,443	454,532,612	526,844,284	614,243,750	716,634,378	834,674,624	955,978,545	1,101,579,992	1,232,181,990	1,362,102,039	1,478,918,580	1,595,921,566
6	0	0	0	0	0	44,843,663	47,382,023	52,458,743	59,259,190	68,682,337	83,774,039	100,809,223	121,388,306	185,740,050	247,915,130	316,157,017	385,182,318	454,835,680	539,136,108	638,020,462	715,648,753	834,281,032	976,744,803	1,104,591,732	1,231,827,718	1,346,279,756	1,460,961,449
7	0	0	0	0	0	0	50,803,138	53,341,498	57,875,130	64,942,489	77,015,852	91,211,838	108,851,052	129,140,200	188,635,565	254,057,787	320,344,220	387,339,272	468,540,662	563,918,743	638,888,724	716,906,360	856,232,457	981,324,317	1,105,876,240	1,217,963,774	1,330,324,175
8	0	0	0	0	0	0	0	58,418,218	60,685,034	65,396,607	74,451,629	85,808,418	100,507,763	117,898,461	136,656,465	199,259,022	262,806,587	327,143,329	405,245,681	497,117,489	569,429,160	644,775,154	736,401,926	858,738,716	980,606,576	1,090,329,606	1,200,368,715
9	0	0	0	0	0	0	0	0	63,761,623	66,117,410	72,154,091	80,671,683	92,431,159	106,923,407	123,001,697	142,739,352	203,548,048	265,226,481	340,229,795	428,595,329	498,248,691	570,923,043	659,412,140	739,866,021	859,049,818	966,408,344	1,074,126,161
10	0	0	0	0	0	0	0	0	0	69,178,010	72,196,350	77,874,745	86,694,352	98,288,151	111,686,725	128,604,715	147,776,793	206,796,917	278,701,192	363,560,453	430,555,505	500,558,214	585,909,637	663,608,448	741,988,787	846,982,809	952,379,334
11	0	0	0	0	0	0	0	0	0	0	76,245,369	79,084,567	84,964,305	93,659,654	104,378,513	118,476,839	134,910,048	153,518,216	222,323,453	303,676,441	368,013,183	435,344,250	517,557,998	592,501,740	668,198,016	737,246,554	840,321,787
12	0	0	0	0	0	0	0	0	0	0	0	83,456,971	86,396,840	92,193,399	111,511,544	125,205,886	141,155,743	162,849,012	240,695,727	302,374,160	367,033,584	446,109,657	518,298,330	591,310,542	657,994,577	725,781,238	
13	0	0	0	0	0	0	0	0	0	0	0	0	89,177,625	92,076,075	97,435,504	105,894,500	116,849,973	130,141,521	148,735,751	173,279,663	232,299,786	294,287,568	370,225,966	439,659,569	509,987,719	574,307,250	639,772,619
14	0	0	0	0	0	0	0	0	0	0	0	0	0	96,267,185	98,946,899	104,586,230	112,802,834	123,436,073	138,931,265	159,968,904	178,577,071	237,893,211	310,693,934	377,372,468	445,016,555	506,971,582	570,115,658
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103,378,955	106,198,620	111,676,356	119,651,285	132,047,438	149,578,804	165,528,662	184,230,159	253,893,208	317,816,672	382,776,696	442,367,219	503,190,004
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108,738,384	111,477,253	116,793,872	126,090,987	140,116,080	153,407,628	169,437,482	191,401,206	252,569,601	314,845,663	372,071,581	430,573,074
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115,889,110	118,547,419	124,745,496	135,264,315	145,897,554	159,255,766	178,081,815	197,367,301	256,959,199	311,820,714	368,000,915
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122,780,133	125,879,171	140,866,646	157,221,590	151,553,216	167,241,590	202,560,446	255,057,457	308,916,366	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128,096,752	131,603,025	136,919,644	144,934,572	157,485,271	171,260,618	187,364,995	203,916,522	255,454,138
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136,048,376	138,706,686	144,049,970	153,462,995	164,483,272	177,903,586	192,090,610	208,339,654
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142,905,905	145,577,548	151,852,897	160,118,105	176,854,357	182,676,876	196,604,628
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148,222,524	151,360,199	156,870,338	164,922,526	174,380,542	185,987,002
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155,352,850	158,107,920	163,476,045	170,569,557	179,854,725
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162,663,079	165,347,142	170,076,150	177,040,026
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168,173,218	170,537,722	175,180,306
fe	11,302,880	14,302,189	20,445,896	28,811,775	33,540,783	39,500,258	47,115,338	52,458,743	57,875,130	64,942,489	72,154,091	77,874,745	84,964,305	92,076,075	97,435,504	104,586,230	111,477,253	116,793,872	124,745,496	131,603,025	136,919,644	144,049,970	151,360,199	156,870,338	163,476,045	170,076,150	175,180,306
Lotsize	505,504			617,770			548,915			613,930			636,706			614,193			692,437			640,171			550,882		

0	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
1	2,426,504,573	2,598,824,571	2,804,995,449	3,006,287,004	3,206,718,270	3,727,785,457	4,005,121,907	4,264,195,254	4,517,690,926	4,776,568,293	5,020,445,458	5,286,575,821	5,634,149,269	5,949,502,025	6,280,109,776	6,598,984,892	6,883,145,613	7,152,286,813	7,401,534,655	7,644,255,538	7,965,167,659	8,296,550,920	8,840,567,713	9,292,702,144	9,583,564,408
2	2,254,379,615	2,424,259,040	2,627,550,693	2,826,069,880	3,023,778,131	3,455,649,706	3,729,889,630	3,986,118,453	4,236,852,990	4,492,940,985	4,734,218,416	4,997,541,749	5,341,487,403	5,613,654,815	5,941,310,991	6,257,364,469	6,539,032,784	6,805,833,842	7,052,933,193	7,293,579,726	7,611,772,498	7,905,338,585	8,445,301,987	8,894,092,544	9,182,819,583
3	2,081,369,338	2,248,808,190	2,449,220,618	2,644,967,438	2,839,952,674	3,265,956,936	3,493,259,817	3,746,627,236	3,994,600,639	4,247,899,263	4,486,576,959	4,747,093,262	5,087,411,122	5,366,737,790	5,681,442,392	5,994,674,231	6,273,850,141	6,538,311,056	6,783,261,916	7,021,834,100	7,337,307,522	7,628,385,985	8,272,181,483	8,220,138,046	8,476,403,058
4	1,899,520,055	2,064,518,335	2,262,051,537	2,455,025,990	2,647,288,210	3,067,425,161	3,291,639,955	3,501,636,265	3,746,848,532	3,997,357,785	4,233,435,747	4,491,145,019	4,827,835,086	5,094,321,010	5,374,155,400	5,644,492,341	5,921,175,844	6,183,296,618	6,426,098,986	6,662,596,821	6,975,350,894	7,263,941,733	7,738,231,582	8,132,844,271	8,417,300,476
5	1,718,861,359	1,881,419,066	2,076,073,043	2,266,275,128	2,455,814,334	2,870,083,972	3,091,210,679	3,298,354,026	3,501,591,172	3,749,311,053	3,982,789,281	4,237,691,522	4,570,753,796	4,834,398,976	5,111,281,792	5,378,797,094	5,617,590,736	5,877,371,368	6,118,025,244	6,352,448,730	6,662,483,454	6,934,077,082	7,404,313,540	7,795,582,354	8,047,576,661
6	1,581,509,615	1,706,965,429	1,898,740,181	2,086,169,899	2,272,986,090	2,681,388,416	2,899,427,036	3,103,717,419	3,304,193,430	3,509,580,940	3,740,387,434	3,992,482,644	4,321,917,125	4,582,721,561	4,856,652,802	5,121,346,465	5,357,647,702	5,581,853,202	5,820,358,587	6,052,707,724	6,360,023,098	6,624,400,094	7,090,583,160	7,478,508,100	7,728,367,054
7	1,448,480,714	1,571,495,955	1,719,500,366	1,904,157,716	2,088,250,892	2,490,785,906	2,705,736,440	2,907,173,859	3,104,888,735	3,307,414,873	3,498,771,883	3,748,060,063	4,073,866,750	4,331,830,442	4,607,810,108	4,864,682,133	5,098,490,964	5,320,356,322	5,526,200,070	5,756,474,858	6,061,070,883	6,317,000,780	6,779,130,455	7,163,711,521	2,961,471,627
8	1,316,133,628	1,436,708,296	1,581,833,482	1,724,344,955	1,905,715,115	2,302,382,817	2,514,245,246	2,712,829,719	2,907,783,460	3,196,277,503	3,502,892,852	3,825,071,746	4,080,194,464	4,348,222,785	4,607,273,172	4,838,589,598	5,058,114,813	5,261,810,070	5,460,550,344	5,762,427,019	6,041,067,361	6,499,143,645	6,880,380,837	7,125,969,086	
9	1,187,499,446	1,305,633,542	1,447,879,503	1,587,618,608	1,727,593,153	2,118,393,543	2,327,167,903	2,522,899,395	2,715,092,001	2,912,039,397	3,098,196,938	3,302,005,257	3,569,033,981	3,821,316,185	4,086,392,701	4,342,621,450	4,571,445,470	4,788,630,543	4,990,177,309	5,186,843,234	5,447,380,019	5,723,532,737	6,177,555,630	6,555,448,948	6,798,901,843
10	1,063,360,992	1,179,054,515	1,318,421,251	1,455,387,988	1,592,639,519	1,894,244,297	2,099,930,569	2,292,809,098	2,482,240,568	2,676,398,593	2,859,956,400	3,060,957,688	3,324,358,619	3,533,455,480	3,795,580,421	4,048,987,531	4,275,319,145	4,490,164,077	4,689,562,351	4,884,153,926	5,141,971,363	5,380,306,907	5,830,276,408	6,204,825,851	6,446,143,394
11	948,911,818	1,062,164,768	1,198,652,278	1,332,846,648	1,467,375,164	1,763,112,630	1,921,853,420	2,111,878,984	2,298,549,320	2,489,917,974	2,670,876,046	2,869,070,304	3,128,843,913	3,335,099,558	3,552,354,288	3,802,939,760	4,026,798,668	4,239,283,758	4,436,533,504	4,629,050,767	4,884,148,854	5,119,996,774	5,508,364,114	5,875,551,683	6,118,737,813
12	831,979,642	942,792,019	1,076,400,304	1,207,822,307	1,339,627,807	1,629,497,961	1,785,150,664	1,931,805,119	2,115,714,320	2,300,562,260	2,482,651,941	2,670,939,168	2,934,184,512	3,137,599,884	3,351,903,040	3,595,593,612	3,860,940,414	4,086,206,353	4,376,649,231	4,629,027,969	4,888,388,264	5,246,684,213	5,689,505,788	5,804,102,625	
13	709,613,210	817,985,014	948,714,074	1,077,363,709	1,206,446,195	1,490,449,037	1,643,013,653	1,786,815,144	1,928,749,223	1,714,407,761	1,853,244,615	2,005,959,011	2,206,954,186	2,367,184,215	2,536,617,159	2,701,412,832	2,849,472,318	2,665,167,964	2,797,094,473	2,926,542,672	3,098,960,980	3,259,174,551	3,524,283,569	3,746,331,030	3,890,262,877
14	637,564,622	708,834,534	836,684,369	962,561,636	1,088,921,107	1,367,056,636	1,516,533,166	1,657,481,694	1,796,654,638	1,940,940,178	2,113,199,048	2,302,972,214	2,551,861,971	2,749,595,856	2,957,995,861	3,160,043,157	3,341,007,693	3,513,257,066	3,704,061,374	3,890,355,553	4,137,295,592	4,365,680,639	4,741,869,806	5,050,553,632	5,258,003,218
15	568,247,341	637,076,680	721,156,174	844,261,074	967,897,529	1,240,165,746	1,386,554,189	1,524,649,753	1,661,061,562	1,801,657,731	1,935,295,117	2,122,261,252	2,367,523,216	2,562,416,357	2,767,864,787	2,967,090,445	3,154,562,575	3,335,471,806	3,517,614,806	3,703,614,478	3,667,834,308	3,902,055,947	4,127,952,420	4,500,088,195	4,804,428,147
16	493,238,784	559,627,550	640,827,819	721,786,841	842,700,282	1,109,101,187	1,252,401,543	1,387,644,143	1,521,294,817	1,659,101,615	1,790,139,267	1,934,432,571	2,176,066,741	2,368,119,138	2,570,615,934	2,767,020,013	2,942,999,738	3,110,568,827	3,266,563,007	3,419,248,323	3,660,749,363	3,884,159,462	4,252,241,846	4,559,237,923	4,757,416,804
17	428,274,998	492,223,191	570,544,235	648,730,890	728,248,715	988,782,308	1,128,994,572	1,261,384,214	1,392,273,753	1,527,291,179	1,655,729,097	1,797,215,370	2,039,689,371	2,172,911,025	2,372,456,905	2,566,038,686	2,742,596,005	2,904,754,952	3,058,600,641	3,209,211,608	3,409,373,059	3,694,325,293	3,934,324,225	4,297,976,429	4,494,019,957
18	366,798,822	428,306,442	503,748,261	579,162,548	655,957,358	827,295,340	964,419,522	1,093,956,195	1,222,084,599	1,354,312,653	1,480,150,837	1,618,930,080	1,801,686,287	1,947,712,597	2,144,306,303	2,335,067,045	2,506,061,958	2,668,950,764	2,820,647,961	2,969,184,579	3,166,626,680	3,349,731,680	3,709,707,281	4,010,015,611	4,203,923,786
19	310,944,968	370,012,015	442,574,608	515,216,528	589,288,324	754,588,993	844,937,692	971,621,402	1,096,988,670	1,226,427,354	1,349,665,803	1,485,538,016	1,664,766,430	1,807,951,995	1,959,675,490	2,147,614,594	2,316,117,102	2,476,665,765	2,626,214,470	2,772,676,739	2,967,399,491	3,148,016,867	3,446,372,307	3,743,336,762	3,935,109,585
20	261,438,856	318,065,331	387,748,699	457,618,252	528,967,032	688,570,389	775,661,001	858,973,601	981,579,735	1,108,229,047	1,228,867,762	1,361,932,944	1,537,533,565	1,677,878,386	1,826,650,306	1,971,694,511	2,137,704,613	2,295,913,134	2,462,313,348	2,626,214,470	2,779,704,617	2,957,834,422	3,252,136,471	3,498,266,932	3,687,904,582
21	213,346,017	267,531,920	334,336,062	401,433,247	470,059,013	623,795,058	707,797,583	788,257,219	868,888,232	992,748,173	1,110,787,154	1,241,045,305	1,413,018,132	1,550,522,210	1,696,342,555	1,838,565,121	1,966,685,362	2,122,553,741	2,267,805,463	2,410,710,534	2,599,403,087	2,775,045,215	3,065,293,872	3,308,080,499	3,465,256,030
22	200,336,764	217,420,774	281,345,691	345,670,509	411,573,259	559,441,992	640,356,430	717,963,103	795,832,981	877,288,550	992,727,797	1,120,178,918	1,288,523,951	1,423,187,285	1,566,056,055	1,705,456,983	1,831,084,818	1,951,378,065	2,094,481,296	2,234,720,118	2,421,285,222	2,594,439,725	2,886,634,991	3,120,077,704	3,275,117,923
23	191,812,860	206,456,297	226,610,873	288,163,323	351,343,059	493,344,479	571,170,831	645,924,540	721,033,283	799,699,481	875,617,243	1,000,261,333	1,164,978,574	1,296,801,164	1,436,718,359	1,573,297,648	1,696,433,078	1,814,386,183	1,924,827,777	2,062,992,650	2,246,838,004	2,417,504,884	2,699,646,758	2,935,745,597	3,088,650,463
24	186,606,534	198,809,398	216,084,749	235,491,321	295,948,042	432,082,150	506,820,415	578,721,161	651,068,768	726,945,595	800,263,623	882,234,883	1,043,324,330	1,172,306,176	1,309,271,796	1,443,029,447	1,563,672,471	1,679,285,434	1,787,578,537	1,894,208,696	2,075,334,901	2,243,514,156	2,521,602,639	2,754,357,603	2,905,127,117
25	182,355,187	192,117,478	206,513,604	223,147,809	242,208,914	372,475,711	444,125,889	513,173,671	582,760,143	655,847,598	726,565,893	805,730,121	911,669,399	1,037,810,501	1,171,824,547	1,302,760,559	1,420,911,177	1,534,183,998	1,640,328,610	1,744,884,619	1,884,670,735	2,050,362,326	2,324,397,458	2,553,808,548	2,702,427,709
26	181,883,472	189,205,190	200,722,011	214,583,928	230,922,018	271,993,203	340,555,294	406,750,112	473,425,418	543,873,533	617,992,094	688,349,292	790,660,752	873,616,534	1,004,679,005	1,128,451,592	1,359,384,270	1,463,380,390	1,565,862,051	1,702,928,817	1,900,803,274	2,100,784,975	2,375,352,988	2,473,350,988	
27	183,770,657	188,651,802	197,289,478	208,378,948	221,994,032	257,197,896	278,814,504	342,156,358	406,220,560	473,729,273	539,248,099	612,738,267	711,481,957	791,596,972	877,789,231	1,126,247,774	1,224,840,311	1,326,687,940	1,427,095,251	1,561,442,668	1,686,829,501	1,895,191,040	2,117,914,382	2,262,277,377	
28	186,483,186	188,923,759	194,682,209	202,999,312	213,891,372</																				

Lampiran 13 Alternatif biaya algoritma wagner within pada bahan baku tepung gapelek

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
1	1,507,880	1,869,155	2,512,474	3,552,865	4,712,482	6,142,251	7,920,521	9,995,169	16,776,152	24,315,552	31,806,547	39,191,311	46,910,212	54,916,264	62,996,960	71,878,951	85,009,758	97,026,622	110,310,699	127,666,504	140,602,975	155,230,745	170,151,752	181,533,068	199,098,560	216,000,894	232,615,089	247,536,319	265,097,655		
2	0	3,015,760	3,337,420	4,031,014	4,900,726	6,044,542	7,526,433	9,304,703	11,789,741	18,954,066	26,090,055	33,140,684	40,525,448	48,199,314	55,958,083	64,499,782	73,471,220	85,181,548	98,135,193	115,069,762	127,699,698	141,988,879	156,572,322	167,701,851	181,557,931	198,170,361	214,504,399	229,178,193	246,453,062		
3	0	0	3,377,035	3,723,832	4,303,640	5,161,501	6,347,015	7,828,906	9,958,939	12,584,461	19,365,445	26,081,937	33,132,565	40,474,245	47,911,087	56,112,494	64,740,213	72,741,128	85,364,341	101,877,675	114,201,075	128,151,666	142,397,547	153,275,289	166,824,832	179,929,114	195,982,996	210,409,352	227,397,754		
4	0	0	0	4,020,354	4,310,258	4,882,165	5,771,300	6,956,813	8,731,841	10,982,288	13,467,327	19,849,683	26,566,175	33,575,668	40,690,584	48,551,699	56,835,698	64,530,078	73,154,709	89,246,807	101,263,671	114,875,674	128,783,991	139,409,946	152,652,953	165,467,331	178,131,016	192,309,936	209,011,871		
5	0	0	0	0	5,060,745	5,346,699	5,939,456	6,828,591	8,248,613	10,123,986	12,254,018	14,592,971	20,975,327	27,652,633	34,445,623	41,966,445	49,906,726	57,294,569	65,588,769	76,583,467	88,293,795	101,567,208	115,137,963	125,512,130	138,448,602	150,973,076	163,356,604	174,541,275	190,956,743		
6	0	0	0	0	0	5,811,520	6,107,898	6,700,655	7,765,671	9,265,969	11,040,997	13,045,813	15,384,766	21,729,886	28,200,949	35,381,479	42,978,040	50,059,348	58,023,115	68,596,577	76,597,493	89,532,318	102,765,509	112,887,889	125,517,825	137,752,395	149,855,767	160,793,000	173,741,914		
7	0	0	0	0	0	0	6,390,045	6,686,424	7,396,435	8,521,658	9,941,680	11,612,361	13,617,177	15,942,484	22,091,621	28,931,859	36,184,701	42,959,472	50,592,807	60,745,034	68,439,414	77,276,950	90,172,578	100,043,171	112,366,571	124,311,237	136,134,451	146,824,248	159,486,695		
8	0	0	0	0	0	0	0	7,279,180	7,634,186	8,384,335	9,449,351	10,785,896	12,456,576	14,449,696	16,703,180	19,425,519	22,518,991	25,584,351	29,219,104	34,273,931	38,258,898	42,999,145	48,062,590	54,886,290	63,500,278	75,155,039	86,698,097	97,140,458	109,516,437		
9	0	0	0	0	0	0	0	0	8,194,304	8,569,378	9,279,389	10,281,798	11,618,342	13,279,275	15,210,833	17,592,879	24,158,282	30,319,982	37,292,453	46,602,209	53,683,517	61,843,874	70,317,066	76,888,979	88,599,307	99,964,165	111,227,066	121,421,990	133,511,503		
10	0	0	0	0	0	0	0	0	0	8,904,315	9,259,320	9,927,592	10,930,001	12,258,747	13,868,379	15,910,132	18,316,167	24,171,331	30,813,369	39,701,889	46,476,661	54,298,430	62,434,059	68,754,185	76,755,101	87,830,054	98,812,799	108,760,285	120,563,331		
11	0	0	0	0	0	0	0	0	0	0	9,892,215	10,226,351	10,894,623	11,891,183	13,178,889	14,880,350	16,942,665	19,088,417	25,400,023	33,867,308	40,335,543	47,818,723	55,616,789	61,685,128	69,379,508	76,946,313	87,648,900	97,348,950	108,865,530		
12	0	0	0	0	0	0	0	0	0	0	0	10,767,200	11,101,336	11,765,710	12,731,489	14,092,658	15,811,254	17,650,469	19,963,494	28,009,543	34,171,243	41,315,833	48,776,337	54,592,888	61,980,732	69,257,633	76,570,024	86,022,638	97,252,750		
13	0	0	0	0	0	0	0	0	0	0	0	0	11,435,472	11,767,659	12,411,512	13,432,388	14,807,265	16,339,945	18,322,538	21,271,187	27,126,351	33,932,352	41,055,292	46,620,057	53,701,364	60,688,361	67,720,596	74,178,960	85,122,606		
14	0	0	0	0	0	0	0	0	0	0	0	0	0	12,402,503	12,724,430	13,405,014	14,436,172	15,662,315	17,314,476	19,841,889	21,987,641	28,455,053	35,240,431	40,553,408	47,328,180	54,025,273	60,777,350	66,988,278	74,465,368		
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,273,590	13,613,882	14,301,320	15,220,928	16,542,656	18,468,834	20,488,050	22,858,173	29,305,987	37,367,178	40,835,413	47,242,602	53,714,523	60,668,638			
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,919,392	14,263,111	14,876,183	15,867,479	17,552,421	19,085,101	21,116,635	23,479,577	28,288,980	34,450,680	40,567,964	46,759,729	52,475,782	59,379,939		
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,912,894	15,219,430	15,880,294	17,144,001	18,370,145	20,063,090	22,088,468	23,850,978	29,706,142	35,533,523	41,445,130	46,913,747	53,531,437		
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,770,991	16,101,423	16,943,894	17,962,502	19,217,858	20,905,673	22,416,396	24,562,148	30,099,625	35,731,075	40,952,255	47,283,479		
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,384,063	16,805,298	17,418,370	18,434,137	19,784,389	21,043,325	22,882,541	24,911,869	30,263,163	35,236,906	41,281,663		
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,375,359	18,359,073	19,371,762	20,378,911	21,911,591	23,651,015	25,612,112	30,338,419	36,096,709				
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,313,178	18,651,767	19,326,893	20,082,255	21,308,399	22,757,919	24,438,860	26,170,917	31,642,740			
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,926,250	19,263,813	19,767,388	20,686,995	21,846,612	23,247,395	24,732,016	26,737,284			
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,866,953	20,118,740	20,731,812	21,601,524	22,722,152	23,959,335	25,678,136				
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,771,693	21,078,229	21,658,037	22,498,508	23,488,255	24,920,589				
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,275,268	21,565,172	22,125,485	22,867,795	24,013,663				
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,194,875	22,475,032	22,969,906	23,829,306			
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,073,052	23,320,488	23,893,422		
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,633,365	23,919,832		
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,375,675		
Fe	1,507,880	1,869,155	2,512,474	3,552,865	4,303,640	4,882,165	5,771,300	6,686,424	7,396,435	8,384,335	9,259,320	9,927,592	10,894,623	11,765,710	12,411,512	13,405,014	14,263,111	14,876,183	15,867,479	16,805,298	17,418,370	18,359,073	19,263,813	19,767,388	20,686,995	21,565,172	22,125,485	22,867,795	23,829,306		
lotsize	138,442	0	0	152,873	0	0	157,032	0	0	176,327	0	0	163,741	0	0	164,121	0	0	175,331	0	0	204,537	0	0	0	182,913	0	0	0	0	

0	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
1	288,155,968	310,359,407	331,043,149	404,967,632	430,680,297	455,920,699	482,941,357	509,752,878	536,897,858	569,491,513	610,786,618	642,731,716	674,977,633	707,557,685	729,905,091	751,794,304	775,635,933	798,017,179	820,618,919	848,311,203	876,061,262	939,136,193	972,803,604
2	269,141,276	290,993,967	311,356,050	373,572,220	398,952,697	423,871,173	450,551,539	477,029,601	503,841,122	536,039,244	576,839,229	604,736,702	636,648,482	668,894,399	691,014,940	712,684,172	736,288,584	758,449,337	780,830,583	805,598,893	833,108,913	895,642,922	929,024,061
3	249,715,870	271,217,814	291,258,237	352,506,863	373,867,528	398,464,077	424,804,151	450,948,754	477,426,816	509,229,404	549,534,270	577,097,257	608,674,902	640,586,682	662,480,359	683,929,610	707,296,804	729,237,064	751,397,817	775,924,497	777,939,659	833,927,939	863,844,882
4	230,959,889	252,111,085	271,829,849	332,110,931	353,139,409	373,840,305	399,840,087	425,651,231	451,795,834	483,202,889	523,012,635	550,241,137	577,775,378	605,643,755	627,310,567	648,539,838	671,669,815	693,389,581	715,329,841	739,614,892	760,980,143	819,427,501	852,236,096
5	212,534,663	233,335,111	252,732,215	312,045,753	332,742,045	353,121,015	375,002,897	400,480,582	426,291,726	457,303,247	496,617,873	523,511,891	550,711,996	578,246,237	597,167,740	618,177,032	641,069,791	662,569,064	684,288,830	706,648,540	730,773,753	785,680,189	815,024,588
6	194,949,735	2																					