

通信競技会練習問題（中学生以上） 解答 第1回～第3回

第 1 回					第 2 回					第 3 回							
乗算	除算	見取算	暗算		乗算	除算	見取算	暗算		乗算	除算	見取算	暗算				
1	40,650	923	1	24,261	150	1	93,312	125	1	20,826	187	1	638,301	589	1	27,298	65
2	292,462	189	2	15,361	120	2	130,734	574	2	27,335	122	2	37,125	476	2	24,929	60
3	278,784	906	3	21,202	115	3	433,770	638	3	16,443	65	3	187,824	538	3	17,320	40
4	294,831	234	4	13,224	50	4	604,520	907	4	8,356	70	4	146,471	289	4	11,156	187
5	428,206	312	5	23,893	10	5	158,862	346	5	17,671	51	5	101,088	301	5	8,257	62
6	732,888	9,046	6	248,598	267	6	2,828,328	485	6	264,564	273	6	1,889,850	597	6	187,326	205
7	3,440,817	432	7	131,039	148	7	725,560	1,056	7	121,959	141	7	6,007,869	2,061	7	196,011	117
8	1,373,320	4,957	8	145,656	225	8	5,993,856	307	8	58,572	243	8	446,652	183	8	179,703	210
9	1,754,268	618	9	140,219	104	9	1,605,145	2,941	9	147,895	192	9	3,133,152	678	9	97,077	245
10	2,697,408	6,075	10	155,034	258	10	6,467,858	573	10	106,461	123	10	3,140,865	1,042	10	136,875	145
11	45,915,840	1,508	11	1,511,467	652	11	9,977,040	3,810	11	1,469,234	930	11	2,181,956	2,815	11	1,492,931	1,906
12	4,857,237	7,014	12	225,081	311	12	23,376,492	5,246	12	347,427	1,180	12	13,345,650	8,230	12	223,229	883
13	37,218,594	6,795	13	1,320,406	207	13	64,886,010	6,039	13	1,708,229	1,274	13	80,917,056	2,074	13	105,440	680
14	87,951,360	1,408	14	1,066,641	1,132	14	37,362,402	4,975	14	501,429	312	14	73,000,377	5,408	14	1,464,036	1,602
15	13,260,792	7,984	15	43,088	947	15	11,741,107	2,456	15	1,491,033	315	15	21,112,644	6,387	15	850,003	259
16	392,115,438	35,027	16	7,896,069	3,043	16	170,084,150	4,321	16	18,616,752	1,812	16	347,021,136	5,276	16	6,756,399	3,403
17	561,041,041	4,936	17	13,258,089	2,904	17	99,608,570	96,105	17	9,192,998	3,213	17	62,267,440	60,587	17	8,715,888	868
18	96,150,250	30,649	18	8,906,506	958	18	101,801,134	5,074	18	10,081,215	1,019	18	564,367,905	8,472	18	9,481,843	2,946
19	516,286,683	94,208	19	15,213,483	427	19	132,831,039	96,582	19	7,714,134	75	19	681,357,314	97,036	19	15,474,636	2,174
20	148,902,975	6,453	20	13,574,655	2,471	20	451,318,432	1,046	20	11,443,873	2,439	20	296,502,612	13,620	20	9,496,161	1,128
21	184,293,606	83,561	21	20,915,136	19,894	21	5,566,942,325	32,865	21	22,447,089	16,200	21	3,096,188,722	97,016	21	24,690,510	15,726
22	8,280,408,890	90,714	22	1,186,839	10,597	22	1,947,076,980	15,407	22	2,914,956	13,690	22	455,529,375	42,739	22	4,366,140	13,520
23	3,391,008,936	12,405	23	17,621,568	18,736	23	1,657,809,104	94,071	23	5,032,334	10,922	23	5,741,528,320	36,978	23	20,551,761	18,556
24	3,706,350,013	58,192	24	21,278,934	16,116	24	466,508,152	58,213	24	16,144,794	15,686	24	1,953,395,529	20,145	24	5,693,086	10,837
25	2,798,732,984	46,035	25	6,237,882	9,335	25	4,847,973,922	95,726	25	28,832,814	7,449	25	2,816,498,994	68,930	25	25,944,030	20,713
26	2,284,024,050	69,517	26	22,497,300	16,219	26	5,789,144,940	73,069	26	29,199,555	12,876	26	226,969,704	73,489	26	18,764,379	11,735
27	482,999,586	48,620	27	3,065,057	13,991	27	451,970,800	65,190	27	29,878,002	16,877	27	4,635,560,020	46,025	27	4,804,997	3,518
28	2,073,719,960	53,896	28	27,229,671	7,201	28	4,210,022,663	18,472	28	21,226,239	5,654	28	1,140,036,531	50,364	28	7,652,515	11,603
29	1,380,568,272	21,037	29	3,159,767	8,557	29	1,556,442,855	94,263	29	5,149,013	5,805	29	9,101,665,080	82,657	29	23,230,152	18,438
30	3,775,842,150	75,324	30	28,342,611	16,100	30	7,284,298,126	10,748	30	25,997	22,256	30	1,582,703,437	96,570	30	19,909,026	7,025
31	4,819,226,310	582,913	31	193,355,145	36,011	31	33,625,473,687	47,135	31	84,850,872	30,318	31	34,561,192,032	37,284	31	93,263,096	37,468
32	15,143,990,528	94,786	32	14,272,471	12,918	32	89,884,630,290	936,807	32	75,154,244	32,169	32	16,863,749,760	478,596	32	37,840,241	38,204
33	58,756,278,414	238,560	33	47,339,756	15,016	33	6,993,792,540	79,542	33	88,399,753	25,120	33	35,225,314,358	589,621	33	67,323,725	17,120
34	34,286,561,720	20,354	34	160,491,091	35,101	34	35,733,557,997	763,214	34	26,939,309	11,427	34	9,474,993,897	67,350	34	170,676,854	24,425
35	10,670,153,238	347,825	35	62,262,647	27,010	35	20,727,874,143	58,046	35	33,774,841	14,548	35	23,538,130,506	718,023	35	123,665,122	16,874
36	42,580,277,732	421,960	36	171,314,747	33,222	36	10,189,706,904	649,207	36	152,985,426	32,949	36	64,559,177,660	29,576	36	172,483,211	36,811
37	31,862,505,020	46,589	37	106,533,765	12,599	37	66,710,459,250	63,049	37	103,624,529	25,707	37	3,717,870,912	398,401	37	3,729,188	17,520
38	5,061,021,630	15,498	38	62,461,872	26,104	38	27,176,502,346	758,130	38	16,111,130	14,391	38	38,048,162,283	85,670	38	-13,992,999	17,239
39	33,661,639,438	238,104	39	-35,373,572	35,400	39	23,625,624,778	43,529	39	-47,923,411	9,800	39	54,638,871,000	756,239	39	118,497,652	34,263
40	52,014,972,648	82,017	40	32,152,552	13,525	40	7,897,806,664	684,913	40	207,476,925	32,464	40	78,846,053,728	63,047	40	85,562,100	32,343
41	83,244,144,280	893,402	41	330,459,300	112,045	41	362,027,151,772	721,640	41	239,074,740	151,525	41	174,566,718,370	471,925	41	252,867,303	153,877
42	316,540,860,636	641,087	42	37,947,724	164,084	42	167,728,608,026	634,598	42	30,355,074	114,255	42	322,362,612,546	720,431	42	55,124,986	52,246
43	122,364,954,660	572,319	43	18,864,945	47,870	43	410,758,794,285	952,761	43	197,292,564	148,226	43	99,029,918,336	872,546	43	258,139,962	207,435
44	109,575,460,115	750,621	44	167,042,853	50,179	44	199,629,091,376	597,304	44	8,009,088	63,576	44	213,452,954,792	597,018	44	14,872,833	65,478
45	284,313,087,456	836,579	45	254,659,959	165,448	45	99,382,405,440	650,938	45	241,845,273	125,823	45	267,630,691,280	639,150	45	311,597,379	190,141
46	460,514,815,284	578,690	46	2,256,368,408	1,052,622	46	380,117,929,458	718,053	46	2,727,320,480	1,409,319	46	458,592,652,050	781,935	46	1,128,995,399	1,321,056
47	76,780,755,295	731,264	47	976,035,549	608,944	47	240,020,194,920	935,824	47	1,651,349,682	1,225,458	47	182,534,994,774	615,408	47	2,167,344,598	999,729
48	499,196,449,888	690,415	48	-295,545,092	1,018,098	48	567,000,534,982	549,702	48	434,358,505	158,398	48	392,212,740,801	574,310	48	-518,416,619	254,774
49	255,878,001,225	845,023	49	1,755,551,627	822,345	49	82,604,556,180	475,630	49	1,493,170,333	72,329	49	267,817,542,404	612,593	49	2,032,693,174	473,055
50	368,528,331,000	781,952	50	1,879,970,473	1,581,552	50	407,312,484,249	726,349	50	-236,280,275	806,472	50	85,298,134,628	940,781	50	399,814,959	614,952

通信競技会練習問題（中学生以上） 解答 第4回～第6回

第 4 回				第 5 回				第 6 回			
乗算	除算	見取算	暗算	乗算	除算	見取算	暗算	乗算	除算	見取算	暗算
1 250,446	370	1 20,574	66	1 195,553	530	1 25,956	93	1 303,550	109	1 16,373	104
2 573,480	953	2 14,497	171	2 295,236	148	2 11,854	139	2 543,912	834	2 11,948	159
3 203,583	291	3 22,628	70	3 138,320	215	3 20,449	148	3 23,850	915	3 13,418	40
4 98,406	637	4 12,310	142	4 94,350	436	4 12,182	33	4 187,256	427	4 22,422	115
5 293,985	458	5 27,729	5	5 535,458	953	5 14,843	30	5 195,024	293	5 24,952	53
6 893,376	8,307	6 127,611	301	6 4,251,815	578	6 199,287	187	6 438,058	9,407	6 239,571	333
7 5,397,120	5,193	7 184,922	358	7 2,528,274	3,619	7 91,467	94	7 1,484,170	961	7 81,443	105
8 2,949,856	768	8 141,255	317	8 2,450,790	487	8 191,079	227	8 2,999,148	8,750	8 67,257	234
9 1,124,712	9,520	9 104,349	63	9 378,756	209	9 82,182	280	9 1,758,064	142	9 165,411	94
10 2,037,110	142	10 192,339	102	10 4,443,478	7,860	10 131,463	113	10 1,761,792	2,573	10 139,509	218
11 73,471,680	6,091	11 1,772,440	1,475	11 36,227,070	9,417	11 1,365,735	1,313	11 62,442,886	7,630	11 1,604,873	932
12 44,341,920	8,124	12 1,730,395	147	12 14,701,984	6,381	12 135,338	1,270	12 3,915,300	1,063	12 1,009,708	821
13 2,792,008	7,415	13 384,979	330	13 19,356,862	1,037	13 495,014	329	13 31,764,540	4,517	13 402,746	205
14 24,964,316	3,628	14 195,551	1,548	14 5,846,711	8,620	14 1,600,534	545	14 19,117,665	6,124	14 827,329	468
15 22,509,058	4,780	15 1,228,725	951	15 39,792,016	4,875	15 912,714	813	15 77,271,674	9,846	15 1,361,983	674
16 54,989,711	25,943	16 7,259,211	1,939	16 200,846,426	6,104	16 10,043,649	2,553	16 466,363,520	6,035	16 14,920,443	2,592
17 634,424,952	4,016	17 9,031,401	433	17 325,181,500	59,327	17 15,876,558	585	17 309,900,748	69,750	17 12,202,101	2,202
18 546,697,086	60,371	18 7,618,668	2,766	18 185,119,377	10,458	18 6,854,094	2,812	18 81,269,568	1,826	18 7,735,123	485
19 211,539,025	3,109	19 10,226,615	566	19 14,822,163	5,186	19 17,028,312	1,247	19 122,054,790	37,514	19 11,412,280	2,731
20 312,981,240	5,294	20 11,995,389	2,354	20 217,567,740	8,439	20 8,020,362	2,484	20 323,924,832	4,921	20 15,509,025	622
21 797,062,086	91,027	21 22,482,738	13,896	21 5,846,138,606	29,507	21 20,835,099	15,451	21 2,908,494,810	26,704	21 22,410,864	23,946
22 3,611,309,606	36,780	22 383,271	6,301	22 3,697,479,700	35,649	22 4,608,111	10,430	22 1,366,103,319	45,036	22 491,543	5,942
23 1,873,324,310	24,896	23 3,585,551	17,088	23 1,431,800,433	64,182	23 22,607,928	14,946	23 585,110,882	84,917	23 14,874,894	11,255
24 3,423,367,962	81,342	24 16,192,125	19,627	24 806,074,440	12,704	24 22,973,103	9,542	24 2,724,520,460	30,126	24 29,069,055	17,158
25 3,375,377,215	43,156	25 21,912,120	7,450	25 1,816,395,364	40,629	25 2,930,238	6,680	25 4,164,742,803	78,239	25 4,407,048	14,686
26 2,863,463,680	56,840	26 19,479,636	11,677	26 6,348,337,044	36,895	26 18,184,806	13,565	26 1,689,295,536	94,507	26 16,906,194	20,018
27 1,381,405,344	41,036	27 6,373,906	4,022	27 5,935,331,930	10,789	27 15,174,576	8,755	27 2,721,985,677	48,623	27 1,588,161	4,962
28 2,459,643,160	83,542	28 20,484,711	15,855	28 686,460,180	75,342	28 3,974,897	23,158	28 5,439,592,136	62,130	28 1,174,676	9,552
29 4,796,812,570	48,927	29 19,628,919	18,040	29 2,565,063,488	80,416	29 16,958,574	16,448	29 591,352,380	19,762	29 20,597,112	9,809
30 273,513,466	92,835	30 1,947,948	20,186	30 1,673,382,055	97,120	30 4,475,551	13,894	30 3,754,004,950	83,450	30 25,871,310	15,224
31 41,160,707,640	64,509	31 159,841,991	37,243	31 26,232,844,410	142,375	31 61,119,657	31,021	31 65,624,364,024	369,741	31 123,536,877	32,166
32 52,881,756,956	695,241	32 153,984,222	15,763	32 17,001,772,128	14,620	32 42,387,480	34,694	32 34,155,396,330	30,298	32 5,364,214	29,481
33 4,593,326,784	37,180	33 138,934,956	15,356	33 24,380,831,367	589,134	33 -5,214,760	13,071	33 10,792,056,450	987,546	33 188,301,987	7,755
34 23,999,270,610	364,095	34 9,473,578	33,455	34 8,570,088,485	361,045	34 138,747,855	35,463	34 5,863,557,017	49,053	34 30,227,186	11,609
35 23,145,811,722	98,267	35 65,772,025	35,029	35 24,384,069,744	97,208	35 62,402,152	13,423	35 53,923,203,783	218,567	35 108,525,726	37,546
36 23,976,001,200	51,904	36 130,251,971	36,951	36 70,358,649,617	932,084	36 169,542,873	41,845	36 10,688,344,176	318,579	36 173,257,936	33,901
37 33,792,866,480	148,623	37 126,121,823	16,169	37 59,359,617,730	26,790	37 122,448,117	30,536	37 2,521,627,612	97,104	37 185,977,252	9,152
38 69,850,745,760	67,350	38 -55,777,528	33,203	38 12,146,560,214	942,851	38 33,774,360	29,099	38 32,313,304,524	59,260	38 56,366,776	35,248
39 6,954,858,587	51,974	39 12,424,069	28,852	39 10,176,544,392	13,625	39 -11,201,748	16,042	39 48,658,073,090	931,042	39 181,238,311	8,600
40 48,971,337,472	264,089	40 110,516,363	5,299	40 9,633,687,320	589,047	40 105,324,051	12,746	40 39,279,680,041	49,258	40 -46,000,776	37,222
41 144,087,349,062	715,046	41 228,818,232	212,301	41 412,076,970,648	628,743	41 260,323,542	143,845	41 309,609,224,793	641,780	41 274,938,390	152,933
42 217,783,325,253	924,601	42 44,357,479	169,197	42 207,065,748,087	730,918	42 41,140,662	77,755	42 88,573,405,950	927,053	42 31,588,598	119,759
43 65,787,382,290	758,236	43 42,796,190	104,380	43 84,554,551,888	594,271	43 201,043,071	196,231	43 196,608,526,552	894,517	43 290,125,998	202,631
44 117,886,485,140	893,065	44 246,064,149	47,266	44 267,974,607,920	843,760	44 225,491,139	128,112	44 201,334,477,708	740,238	44 10,506,997	52,275
45 213,148,070,568	972,314	45 308,343,375	156,108	45 417,103,264,620	790,325	45 80,570,321	236,687	45 231,888,870,220	925,867	45 188,771,796	131,045
46 99,737,547,723	823,549	46 1,838,590,638	1,152,207	46 226,537,499,919	567,238	46 2,204,296,891	1,361,142	46 367,500,494,244	591,608	46 1,847,397,881	981,684
47 130,547,506,372	750,916	47 1,974,536,259	1,390,509	47 489,926,743,020	645,307	47 1,368,255,562	190,850	47 242,381,652,870	824,175	47 2,091,367,926	810,567
48 392,146,542,124	964,371	48 2,114,443,434	686,310	48 256,770,244,720	532,098	48 1,021,129,804	138,825	48 83,920,934,889	713,509	48 -201,969,995	239,234
49 177,652,411,380	482,016	49 -281,449,465	708,939	49 245,491,982,388	490,863	49 -50,644,023	998,631	49 338,995,361,120	637,820	49 1,396,354,255	842,995
50 299,873,622,060	560,837	50 1,117,066,116	695,154	50 94,096,246,017	814,597	50 2,062,601,979	1,377,540	50 534,851,755,845	489,256	50 705,508,127	890,838

通信競技会練習問題（中学生以上） 解答 第7回～第9回

第 7 回				第 8 回				第 9 回									
乗算	除算	見取算	暗算	乗算	除算	見取算	暗算	乗算	除算	見取算	暗算						
1	163,540	572	1	16,443	153	1	241,736	317	1	20,996	151	1	358,160	978	1	25,218	105
2	720,044	634	2	4,649	129	2	93,198	482	2	28,203	180	2	310,344	314	2	22,636	116
3	45,430	293	3	13,092	40	3	627,263	369	3	15,276	23	3	218,988	107	3	11,573	165
4	466,956	780	4	19,129	75	4	693,000	723	4	14,802	45	4	418,438	452	4	14,399	50
5	466,032	146	5	22,614	177	5	233,748	104	5	18,862	87	5	56,144	891	5	8,775	33
6	232,578	523	6	110,610	246	6	2,902,354	3,480	6	158,778	320	6	314,340	258	6	150,921	266
7	8,656,488	7,945	7	12,753	142	7	457,410	952	7	113,031	292	7	3,698,860	6,187	7	106,110	94
8	1,459,600	306	8	47,897	270	8	2,758,896	6,027	8	58,362	51	8	6,165,093	4,508	8	80,212	276
9	1,744,512	6,051	9	227,907	203	9	7,435,428	315	9	129,372	93	9	3,292,604	410	9	138,114	243
10	7,132,695	762	10	211,068	124	10	1,903,476	691	10	147,114	324	10	1,674,235	2,739	10	102,044	124
11	3,598,160	1,598	11	1,254,845	754	11	30,269,860	5,968	11	933,857	975	11	39,606,026	9,602	11	1,381,201	1,413
12	71,708,390	4,032	12	1,942,817	1,464	12	2,647,320	8,356	12	572,102	1,535	12	88,595,920	2,348	12	425,458	203
13	13,130,130	3,681	13	380,679	608	13	24,838,002	7,204	13	468,597	1,010	13	33,681,584	1,285	13	416,609	1,128
14	36,259,062	5,094	14	323,291	252	14	29,363,424	2,890	14	1,584,437	522	14	25,321,945	6,042	14	1,580,256	1,653
15	74,738,282	3,419	15	952,123	734	15	27,058,940	3,479	15	936,756	247	15	1,841,232	7,491	15	277,365	780
16	130,770,448	47,365	16	12,378,177	2,464	16	65,195,520	4,195	16	7,288,191	2,426	16	816,553,920	2,568	16	9,676,683	2,760
17	428,851,075	3,914	17	17,101,593	840	17	227,275,580	5,283	17	6,950,322	605	17	137,433,780	41,357	17	15,797,232	666
18	348,620,670	30,826	18	17,879,910	2,930	18	405,918,955	87,621	18	10,964,457	2,136	18	348,344,150	9,460	18	11,792,718	1,836
19	67,367,426	71,405	19	6,199,151	2,527	19	210,663,184	4,950	19	14,205,271	874	19	404,408,901	20,691	19	14,428,175	2,116
20	526,095,936	6,072	20	18,958,185	261	20	426,282,054	20,438	20	14,464,665	2,347	20	96,250,044	47,183	20	8,788,990	2,318
21	3,624,298,879	94,715	21	15,616,377	18,030	21	375,221,625	46,059	21	14,846,274	16,801	21	3,662,671,164	10,634	21	20,432,313	20,855
22	252,730,314	59,036	22	1,932,408	12,200	22	5,174,456,256	25,708	22	5,220,985	15,792	22	315,358,920	98,103	22	2,262,897	8,939
23	5,992,501,540	81,624	23	21,720,663	6,896	23	1,940,264,490	18,293	23	1,110,832	9,419	23	4,915,390,302	20,597	23	17,566,929	13,859
24	5,045,840,745	29,536	24	27,131,139	7,457	24	1,792,346,748	70,645	24	18,266,193	10,565	24	2,599,321,292	45,869	24	578,470	3,795
25	1,899,381,198	72,480	25	4,837,452	12,789	25	8,367,854,952	42,173	25	25,890,345	22,140	25	1,785,683,200	76,234	25	26,884,836	20,170
26	5,025,530,572	91,743	26	20,882,538	15,127	26	753,031,394	37,046	26	20,525,229	22,370	26	2,994,739,110	90,625	26	28,942,632	17,870
27	1,201,959,984	85,192	27	28,282,158	3,197	27	1,533,319,550	81,925	27	782,151	20,891	27	1,345,544,252	68,579	27	26,963,388	18,625
28	8,238,276,875	32,074	28	1,027,158	4,297	28	3,992,124,512	62,458	28	28,886,841	7,154	28	504,642,280	37,452	28	21,819,213	7,943
29	793,835,824	18,937	29	22,640,085	16,199	29	4,669,747,050	17,506	29	26,396,334	17,041	29	1,573,811,539	91,260	29	303,032	8,508
30	1,693,663,680	46,085	30	3,098,263	21,007	30	2,627,069,124	74,391	30	3,388,965	11,626	30	8,143,256,632	13,806	30	1,414,736	24,672
31	6,909,862,992	24,930	31	93,479,879	28,949	31	4,456,125,070	97,023	31	155,620,963	36,060	31	62,484,423,270	861,973	31	125,575,514	36,511
32	10,208,989,269	519,867	32	381,556	26,614	32	10,932,111,945	518,960	32	104,901,522	40,991	32	75,709,563,076	89,712	32	45,839,454	28,825
33	20,954,829,340	56,241	33	18,739,801	37,559	33	62,360,741,916	470,658	33	133,519,155	8,618	33	4,954,970,006	461,237	33	110,702,957	16,382
34	51,502,088,573	815,702	34	188,499,369	7,852	34	39,595,990,300	46,291	34	23,440,499	33,439	34	37,864,331,560	85,370	34	107,209,412	16,590
35	20,667,860,122	96,023	35	166,501,358	12,948	35	21,006,793,143	162,849	35	28,983,302	8,549	35	12,397,419,611	520,869	35	31,189,930	34,129
36	6,362,030,333	64,972	36	118,862,754	29,951	36	18,346,591,360	84,096	36	64,189,627	26,903	36	10,400,445,036	87,902	36	147,795,152	29,890
37	21,559,964,750	852,643	37	130,398,433	19,009	37	32,125,961,928	596,174	37	113,456,015	35,150	37	27,398,176,030	932,640	37	92,090,467	31,605
38	21,081,590,736	96,710	38	164,300,365	32,308	38	28,763,184,132	31,720	38	47,155,161	29,147	38	82,592,347,348	16,735	38	29,764,061	11,935
39	33,964,804,000	13,027	39	64,257,516	9,035	39	6,969,559,300	827,341	39	196,630,279	16,058	39	15,732,777,156	584,026	39	120,729,444	28,329
40	78,139,845,315	741,530	40	-26,333,111	32,550	40	35,595,248,318	48,950	40	-60,621,888	10,120	40	8,691,758,556	95,382	40	-78,638,654	10,776
41	405,486,001,852	954,680	41	323,473,014	214,483	41	213,451,044,447	916,207	41	270,423,144	186,224	41	312,802,176,655	578,904	41	254,635,452	148,750
42	481,057,947,624	478,901	42	41,399,980	255,337	42	93,308,936,890	758,916	42	186,823,602	81,974	42	322,245,020,412	851,490	42	311,445,126	137,587
43	241,690,487,654	546,873	43	224,420,616	123,968	43	409,167,481,086	432,580	43	15,952,077	186,211	43	119,817,981,078	716,258	43	3,237,646	78,024
44	72,327,187,020	732,046	44	278,319,933	40,930	44	156,476,729,400	690,452	44	31,424,515	48,558	44	215,698,879,650	583,192	44	206,126,244	149,405
45	247,122,783,402	963,251	45	34,487,235	150,030	45	325,314,441,664	589,143	45	212,443,533	164,174	45	96,859,156,226	835,061	45	17,825,069	114,428
46	149,018,733,457	516,980	46	1,249,445,550	947,223	46	261,901,694,447	762,534	46	2,548,634,902	1,183,914	46	187,512,994,276	679,514	46	1,182,130,133	1,296,738
47	227,798,374,650	920,461	47	-46,219,191	1,547,478	47	450,896,741,680	924,067	47	-150,270,746	685,593	47	85,065,245,802	783,291	47	1,762,424,313	1,084,869
48	91,402,277,978	891,704	48	383,079,106	1,904,940	48	574,493,886,936	460,821	48	1,709,402,936	454,191	48	291,508,733,840	832,047	48	-221,741,102	376,381
49	270,411,311,794	564,892	49	2,060,836,910	178,603	49	87,301,436,550	872,690	49	1,192,845,633	414,783	49	509,928,888,711	563,802	49	986,762,230	194,194
50	371,293,261,842	895,637	50	1,467,361,742	443,267	50	529,197,308,848	436,178	50	1,089,503,393	607,437	50	232,031,186,148	650,934	50	1,971,365,551	1,246,563

通信競技会練習問題（中学生以上） 解答 第10回～第12回

第 10 回					第 11 回					第 12 回							
乗算	除算	見取算	暗算		乗算	除算	見取算	暗算		乗算	除算	見取算	暗算				
1	178,632	825	1	23,663	79	1	409,248	568	1	18,410	135	1	257,760	187	1	19,725	52
2	365,070	307	2	22,886	150	2	776,532	284	2	11,785	54	2	339,690	219	2	6,567	68
3	662,929	176	3	11,860	44	3	318,500	421	3	11,185	61	3	53,654	394	3	7,848	109
4	26,832	628	4	29,794	157	4	332,232	106	4	23,620	113	4	686,070	508	4	21,827	10
5	394,760	264	5	11,902	23	5	22,338	914	5	27,177	93	5	713,829	476	5	18,338	100
6	265,923	749	6	160,605	192	6	1,630,980	2,083	6	230,220	266	6	3,213,413	619	6	197,829	258
7	2,506,176	1,084	7	179,883	79	7	6,853,002	7,941	7	111,855	140	7	846,976	4,982	7	76,876	81
8	5,563,770	892	8	28,863	253	8	2,641,375	406	8	65,480	141	8	2,859,516	357	8	119,268	295
9	1,768,925	3,129	9	201,987	49	9	465,257	9,327	9	139,212	307	9	1,971,675	205	9	195,120	49
10	2,851,464	403	10	90,495	324	10	3,698,736	795	10	162,279	264	10	8,084,020	6,079	10	260,451	271
11	10,018,890	7,910	11	1,178,750	1,095	11	4,983,480	5,219	11	1,358,407	1,054	11	19,701,380	8,917	11	1,884,672	574
12	7,547,592	5,682	12	210,854	73	12	49,030,773	3,426	12	185,725	1,606	12	42,753,416	7,398	12	406,183	1,623
13	17,343,387	8,390	13	778,037	647	13	22,478,785	5,140	13	999,771	451	13	4,168,965	6,281	13	1,829,362	270
14	68,386,060	6,485	14	1,643,120	1,232	14	40,304,710	1,069	14	242,499	565	14	16,504,306	5,640	14	1,301,116	1,131
15	37,206,873	2,049	15	1,065,719	1,326	15	47,262,180	4,328	15	1,267,911	1,554	15	74,992,360	1,029	15	514,824	878
16	132,530,920	8,367	16	12,229,380	3,663	16	115,175,346	2,735	16	11,645,451	2,767	16	179,545,561	4,506	16	8,323,416	3,094
17	349,307,146	10,634	17	4,818,591	2,355	17	232,533,230	71,026	17	2,698,311	1,797	17	519,290,552	1,784	17	16,553,817	976
18	108,944,718	24,065	18	6,468,521	92	18	765,387,060	6,209	18	7,900,686	2,179	18	59,804,445	90,372	18	10,237,968	2,547
19	630,075,279	9,281	19	7,840,203	839	19	32,265,020	70,183	19	16,057,944	2,617	19	145,093,690	8,129	19	7,440,471	599
20	80,720,236	2,970	20	13,742,271	3,003	20	427,769,568	1,245	20	8,214,227	579	20	714,247,800	17,590	20	7,047,695	3,123
21	940,488,531	96,847	21	20,164,347	16,245	21	3,258,452,130	47,159	21	28,630,935	18,808	21	1,314,614,640	24,063	21	33,269,616	18,637
22	4,099,911,416	62,709	22	32,755,122	8,624	22	2,762,073,936	74,620	22	27,568,098	22,439	22	6,506,761,504	53,170	22	4,981,358	8,340
23	2,265,513,140	90,436	23	5,876,392	24,917	23	1,505,410,866	29,806	23	3,508,237	15,356	23	3,263,357,025	12,954	23	14,013,702	6,478
24	2,032,873,164	43,975	24	1,628,889	20,767	24	5,274,637,002	54,138	24	22,376,016	15,201	24	5,127,401,399	89,437	24	4,249,844	23,104
25	3,178,337,260	81,650	25	16,470,846	15,100	25	666,546,220	90,364	25	2,144,228	19,052	25	667,348,864	47,605	25	26,224,902	19,263
26	3,244,236,676	27,185	26	31,662,225	14,920	26	7,138,778,788	27,185	26	22,154,985	24,908	26	5,067,143,620	62,419	26	21,497,058	11,901
27	3,109,063,375	84,209	27	17,332,911	19,461	27	7,471,074,120	84,209	27	30,170,835	20,834	27	768,572,220	15,728	27	5,366,937	18,391
28	1,567,436,070	21,056	28	3,997,743	6,598	28	3,126,200,868	21,056	28	30,511,728	11,407	28	2,849,638,855	27,830	28	25,270,173	14,508
29	3,835,823,913	96,374	29	6,609,421	4,986	29	1,434,389,097	96,374	29	526,504	11,062	29	5,485,525,012	93,084	29	796,597	3,776
30	988,496,288	50,812	30	25,993,251	11,746	30	727,689,670	50,812	30	1,008,118	6,249	30	1,030,747,392	64,512	30	17,060,472	4,567
31	31,384,238,080	823,967	31	136,866,128	33,642	31	27,514,578,392	823,967	31	143,883,060	34,159	31	7,548,622,620	690,743	31	154,949,835	40,012
32	46,235,693,504	65,041	32	9,561,797	16,825	32	8,143,542,750	65,041	32	74,860,496	31,251	32	38,860,140,535	41,036	32	58,796,227	34,154
33	21,338,869,032	678,912	33	94,277,663	27,894	33	22,876,598,272	678,912	33	38,887,084	16,449	33	51,765,942,240	904,853	33	138,961,469	13,649
34	43,653,273,213	591,426	34	44,769,628	34,291	34	47,518,039,184	591,426	34	123,219,308	36,006	34	30,934,155,392	29,637	34	47,805,753	32,915
35	5,730,852,530	12,730	35	126,131,625	12,490	35	61,300,876,551	12,730	35	76,251,686	15,831	35	19,608,581,707	167,492	35	92,263,148	8,922
36	16,175,778,381	635,249	36	89,792,514	29,600	36	24,361,802,928	635,249	36	160,071,550	34,950	36	91,486,700,300	486,351	36	118,889,434	31,821
37	6,586,595,190	89,173	37	84,797,545	15,936	37	71,224,117,395	89,173	37	36,560,429	33,920	37	27,740,879,361	92,065	37	11,684,937	10,920
38	16,758,212,070	178,049	38	108,079,414	31,000	38	44,906,945,969	178,049	38	-7,235,441	35,134	38	37,474,072,160	47,508	38	-33,812,792	28,024
39	15,901,112,304	63,280	39	-12,836,691	11,971	39	36,084,216,960	63,280	39	43,581,298	17,782	39	54,078,183,172	725,913	39	166,629,467	38,766
40	17,038,213,170	752,806	40	31,654,066	26,908	40	3,319,668,741	752,806	40	143,641,232	11,217	40	6,314,842,320	68,092	40	131,624,803	9,574
41	211,839,612,889	679,321	41	195,626,295	179,195	41	209,544,594,414	679,321	41	166,746,591	140,474	41	256,373,148,080	658,071	41	181,370,772	200,178
42	380,659,084,040	843,615	42	20,771,873	214,455	42	472,520,616,750	843,615	42	227,278,557	116,102	42	75,693,376,227	917,286	42	16,009,242	166,797
43	409,379,989,674	926,704	43	29,880,580	114,515	43	478,750,823,975	926,704	43	310,201,929	95,491	43	183,098,779,782	874,532	43	24,678,866	236,494
44	72,818,248,086	670,845	44	185,592,114	201,131	44	80,908,701,016	670,845	44	16,826,957	142,680	44	109,526,816,782	729,160	44	240,959,844	209,857
45	266,233,380,300	938,027	45	244,596,888	32,716	45	307,377,750,920	938,027	45	39,955,513	67,772	45	101,145,298,226	864,305	45	216,883,737	78,532
46	267,720,547,250	829,341	46	1,570,369,807	1,451,070	46	132,382,244,250	829,341	46	2,057,388,586	582,147	46	326,122,147,120	485,917	46	2,072,732,425	1,757,457
47	230,562,781,915	648,195	47	1,309,766,340	620,385	47	210,519,919,698	648,195	47	1,147,862,491	1,700,469	47	90,436,837,632	598,742	47	915,964,696	204,610
48	89,945,121,864	583,074	48	-324,582,189	130,763	48	89,156,369,458	583,074	48	-56,735,156	1,000,044	48	389,807,400,616	962,304	48	-104,859,480	1,840,923
49	132,595,361,358	670,253	49	1,442,341,027	1,512,594	49	226,739,507,176	670,253	49	2,037,653,800	129,735	49	150,344,805,275	728,950	49	1,517,682,832	394,126
50	326,880,775,908	765,081	50	2,282,313,685	820,557	50	343,680,018,798	765,081	50	923,093,721	294,793	50	325,477,511,802	653,071	50	1,706,124,671	1,082,952

通信競技会練習問題（中学生以上） 解答 第13回～第15回

第 13 回				第 14 回				第 15 回									
乗算	除算	見取算	暗算	乗算	除算	見取算	暗算	乗算	除算	見取算	暗算						
1	66,728	648	1	27,328	157	1	113,516	709	1	20,240	121	1	619,498	587	1	23,415	82
2	398,272	491	2	13,949	122	2	97,344	314	2	12,943	81	2	238,386	798	2	17,360	149
3	101,781	105	3	18,781	57	3	378,087	196	3	12,958	117	3	106,190	120	3	9,692	74
4	385,725	257	4	27,301	15	4	167,539	584	4	22,126	26	4	732,655	573	4	21,090	49
5	121,440	372	5	10,172	111	5	819,072	937	5	16,944	53	5	91,392	934	5	19,498	120
6	7,559,037	4,691	6	191,817	282	6	3,919,616	672	6	184,392	267	6	2,222,948	4,305	6	171,009	275
7	3,931,200	507	7	43,276	148	7	500,316	2,037	7	45,297	91	7	2,262,900	896	7	31,939	282
8	1,818,750	3,728	8	155,250	247	8	2,156,700	6,459	8	64,795	250	8	1,420,222	6,279	8	74,598	78
9	431,824	485	9	186,012	67	9	6,314,553	785	9	163,467	144	9	2,664,090	563	9	234,405	261
10	5,707,776	6,072	10	41,512	288	10	1,352,160	4,910	10	168,111	280	10	827,826	930	10	152,658	87
11	20,975,658	9,638	11	894,306	966	11	29,722,188	1,038	11	1,217,507	1,771	11	13,621,635	7,419	11	1,601,459	1,610
12	48,919,838	6,825	12	276,795	696	12	2,704,570	8,750	12	359,830	98	12	27,746,576	5,107	12	845,942	1,343
13	3,269,508	7,139	13	604,788	869	13	15,491,996	7,061	13	890,473	243	13	43,494,220	2,690	13	598,515	128
14	50,443,350	4,360	14	1,634,928	200	14	76,394,050	6,243	14	320,608	900	14	7,762,158	9,257	14	1,258,253	1,192
15	20,455,248	1,704	15	614,943	1,163	15	42,603,584	9,584	15	1,111,337	1,435	15	19,415,876	5,936	15	251,449	356
16	75,847,905	70,439	16	6,342,336	3,313	16	65,804,613	2,437	16	10,137,924	3,179	16	167,372,920	71,364	16	18,356,553	2,036
17	130,906,160	2,761	17	15,447,906	2,151	17	324,190,932	54,703	17	10,087,631	2,956	17	422,540,217	8,695	17	8,565,112	3,829
18	354,998,784	68,257	18	4,633,497	907	18	129,669,210	9,516	18	17,027,442	602	18	720,466,296	91,280	18	4,944,114	681
19	786,275,091	5,682	19	6,469,418	2,396	19	382,707,616	87,159	19	15,925,374	1,095	19	268,370,535	67,534	19	8,990,397	528
20	393,632,327	1,940	20	9,461,214	445	20	598,487,925	40,283	20	5,768,047	2,422	20	58,354,268	3,026	20	6,698,498	2,900
21	5,340,185,625	85,097	21	22,236,966	9,391	21	2,271,989,460	12,765	21	25,395,327	12,968	21	3,752,625,680	92,364	21	21,374,262	15,445
22	2,555,319,188	62,304	22	39,674	9,471	22	3,624,724,115	68,190	22	4,044,245	8,140	22	625,049,064	10,748	22	5,118,597	23,348
23	6,782,112,433	41,829	23	4,267,897	15,588	23	3,128,567,681	96,075	23	25,872,111	10,669	23	4,205,002,821	63,850	23	25,431,795	4,186
24	364,098,840	96,743	24	28,092,168	20,400	24	2,272,483,950	83,721	24	28,829	17,780	24	5,101,138,140	51,407	24	136,126	5,594
25	4,031,049,792	79,685	25	24,192,684	16,574	25	583,103,752	54,203	25	27,722,007	9,853	25	8,111,419,134	46,981	25	24,798,132	16,713
26	276,257,178	19,054	26	20,626,650	14,807	26	2,253,407,175	81,437	26	16,495,524	19,581	26	1,518,023,160	73,641	26	33,428,493	22,317
27	5,829,341,850	42,568	27	4,054,326	22,071	27	2,148,367,368	62,184	27	17,926,344	20,277	27	4,062,737,718	38,912	27	5,153,024	14,666
28	2,813,984,226	85,079	28	3,512,823	3,476	28	1,669,931,055	79,603	28	2,752,306	7,880	28	1,029,338,688	62,785	28	27,165,618	3,298
29	3,260,814,477	69,285	29	16,626,168	9,246	29	657,564,880	10,576	29	2,455,925	5,643	29	857,661,684	40,537	29	23,748,912	23,557
30	2,462,806,962	94,136	30	28,724,571	19,122	30	6,404,140,440	29,685	30	17,393,067	17,949	30	6,441,323,305	21,680	30	361,389	7,793
31	64,358,814,795	35,790	31	124,550,974	32,362	31	66,370,500,110	531,207	31	112,543,871	29,703	31	5,133,528,352	36,018	31	73,788,506	30,738
32	19,465,826,688	758,169	32	66,154,758	32,342	32	21,663,070,980	52,493	32	144,573,920	6,169	32	38,096,028,958	958,742	32	6,119,909	38,373
33	9,067,735,054	35,408	33	176,901,447	14,120	33	2,287,660,320	768,034	33	40,793,874	29,695	33	37,215,247,830	12,459	33	19,201,557	17,955
34	44,808,104,450	394,810	34	38,352,426	36,204	34	19,348,038,856	24,970	34	14,331,513	31,922	34	76,445,153,158	721,630	34	172,891,289	9,600
35	16,940,416,520	79,241	35	30,318,610	11,444	35	26,706,045,977	689,157	35	95,007,016	5,955	35	40,742,163,480	54,906	35	140,509,551	35,339
36	4,203,488,562	457,281	36	118,536,067	34,410	36	89,654,179,798	24,137	36	110,337,219	35,518	36	40,344,575,972	12,073	36	125,196,648	38,855
37	20,724,876,150	68,493	37	28,122,399	10,518	37	9,773,818,120	476,890	37	48,556,557	15,395	37	8,189,558,885	824,901	37	166,695,127	38,606
38	17,211,802,320	976,302	38	56,214,793	38,526	38	44,709,010,472	68,059	38	-33,853,323	11,270	38	28,642,331,136	91,423	38	7,636,671	10,486
39	39,729,051,077	83,190	39	-52,807,995	12,766	39	20,098,766,430	483,612	39	147,624,061	33,405	39	61,480,183,264	59,670	39	-66,781,422	31,609
40	16,138,936,672	671,902	40	203,488,044	32,704	40	61,060,492,782	12,076	40	158,606,730	29,823	40	16,932,212,160	975,214	40	71,774,858	9,258
41	407,737,833,867	947,865	41	219,498,552	170,052	41	120,031,857,594	789,265	41	222,317,937	206,666	41	493,610,885,408	716,342	41	184,119,273	213,485
42	88,612,610,748	538,402	42	56,974,312	202,503	42	231,268,140,580	950,143	42	8,866,907	167,398	42	101,637,860,697	649,218	42	60,896,455	218,822
43	273,698,547,276	687,213	43	277,822,278	106,486	43	160,737,642,708	548,730	43	84,337,775	149,635	43	153,709,147,985	584,601	43	19,599,862	103,970
44	346,438,742,650	965,028	44	30,292,030	50,226	44	161,549,447,004	624,851	44	271,797,390	36,484	44	90,620,038,908	790,235	44	195,435,873	118,034
45	115,680,426,250	893,470	45	213,391,782	214,076	45	92,999,747,940	839,026	45	270,594,918	46,970	45	286,993,995,020	965,081	45	245,515,671	187,574
46	206,129,606,920	741,623	46	1,222,664,217	1,683,972	46	409,103,854,716	640,783	46	965,175,085	871,245	46	324,058,370,835	593,827	46	2,296,967,760	1,630,422
47	342,686,069,625	482,516	47	-14,557,917	796,023	47	149,513,173,693	763,051	47	-275,186,313	154,923	47	221,284,254,897	872,016	47	-184,799,060	596,154
48	99,995,609,186	650,931	48	1,293,771,800	892,336	48	343,106,204,070	921,734	48	1,770,816,493	1,321,056	48	452,891,559,680	613,470	48	83,687,117	928,539
49	240,252,149,568	829,704	49	469,324,755	1,057,932	49	167,332,836,790	836,520	49	1,856,571,866	750,537	49	75,007,490,120	920,685	49	2,196,046,956	177,439
50	145,714,786,218	590,628	50	1,906,571,128	484,517	50	82,680,173,308	689,315	50	1,050,370,266	333,333	50	283,196,964,638	871,352	50	1,891,183,780	1,669,590

通信競技会練習問題（中学生以上） 解答 第16回～第18回

第 16 回				第 17 回				第 18 回			
乗算	除算	見取算	暗算	乗算	除算	見取算	暗算	乗算	除算	見取算	暗算
1	93,766	695	17,043	1	142,449	386	24,467	1	627,825	105	27,127
2	481,558	814	11,921	2	437,736	195	8,350	2	565,640	376	25,546
3	250,986	701	21,231	3	578,448	623	26,431	3	211,460	139	27,845
4	455,670	496	20,194	4	73,035	316	14,858	4	158,479	948	15,559
5	132,327	963	9,540	5	667,584	850	13,421	5	56,888	251	10,133
6	3,691,784	1,275	222,237	6	1,103,040	2,405	188,307	6	1,770,336	934	209,070
7	1,407,200	3,409	70,847	7	547,960	917	50,425	7	936,166	3,026	178,713
8	331,449	687	103,554	8	4,020,324	9,054	210,645	8	1,150,296	2,758	170,568
9	1,633,258	9,032	140,454	9	6,804,793	576	48,497	9	1,457,280	507	75,601
10	2,993,658	761	126,697	10	4,362,876	429	231,543	10	1,710,205	4,961	36,590
11	28,796,140	5,607	1,342,012	11	62,410,680	6,297	1,751,319	11	36,587,616	7,590	1,405,398
12	3,633,164	7,143	192,295	12	34,707,112	8,305	444,316	12	7,824,245	6,218	1,762,921
13	26,063,430	9,416	1,818,862	13	7,564,130	4,093	70,149	13	29,429,130	7,564	197,677
14	19,877,616	3,085	283,039	14	32,598,769	7,160	1,187,188	14	36,982,972	6,120	82,038
15	36,083,196	4,290	1,343,880	15	16,158,104	5,926	1,141,573	15	33,430,740	4,039	701,213
16	400,600,060	3,528	14,326,029	16	624,821,536	17,658	10,139,328	16	122,486,952	5,987	17,301,888
17	313,266,051	52,089	13,886,649	17	115,794,765	8,597	8,676,675	17	509,827,527	8,794	10,480,278
18	339,693,588	47,206	12,608,295	18	551,162,959	53,042	11,946,319	18	297,820,550	83,016	8,402,049
19	29,430,555	6,134	7,080,316	19	34,849,339	2,904	18,024,633	19	477,545,000	4,102	4,726,539
20	493,481,860	1,867	16,360,317	20	183,371,250	9,236	8,635,386	20	79,548,864	39,840	9,268,551
21	1,478,186,588	26,154	27,150,300	21	3,096,907,433	78,560	27,026,649	21	6,667,403,021	43,678	22,349,349
22	1,283,276,280	78,926	3,321,034	22	1,853,415,760	83,294	27,649,440	22	1,329,009,552	76,215	19,300,851
23	816,297,768	24,180	3,114,006	23	2,733,035,437	35,876	4,447,641	23	1,858,083,150	10,498	22,023,648
24	2,127,518,426	53,694	25,799,202	24	628,362,786	21,904	23,004,072	24	616,962,984	71,056	2,776,236
25	2,626,620,539	90,732	21,707,712	25	5,150,015,200	90,623	1,464,780	25	2,034,776,020	82,943	1,242,796
26	1,030,575,780	94,518	27,157,077	26	737,630,888	13,826	20,729,259	26	883,542,852	54,210	30,955,923
27	5,153,892,701	36,925	2,152,183	27	2,732,630,530	65,782	22,347,036	27	3,906,670,635	82,973	5,135,050
28	5,245,255,904	15,237	16,450,992	28	1,029,012,660	16,039	6,167,471	28	1,040,308,696	94,357	23,388,453
29	336,726,260	70,824	5,501,025	29	4,715,588,813	34,920	18,205,578	29	5,100,019,520	60,184	24,250,428
30	6,601,789,369	49,086	27,069,984	30	3,304,055,578	96,571	1,701,877	30	5,203,043,366	48,053	2,690,838
31	42,134,949,768	562,341	123,023,974	31	11,120,585,890	18,609	111,708,511	31	49,353,473,894	392,185	184,845,010
32	29,702,467,472	27,839	48,865,812	32	91,787,695,000	752,480	112,483,899	32	24,820,690,400	86,517	152,867,689
33	25,487,531,089	809,215	38,412,733	33	39,984,533,205	325,819	4,781,558	33	32,227,045,380	259,038	20,412,110
34	35,125,271,500	70,954	65,331,478	34	20,474,470,940	17,062	135,471,348	34	20,825,819,097	816,704	142,996,953
35	4,698,628,476	284,301	150,782,111	35	8,027,112,234	145,327	56,902,405	35	8,451,890,892	27,913	26,849,380
36	9,740,574,600	85,316	98,286,261	36	11,006,448,800	56,301	140,359,452	36	72,283,856,463	658,704	134,856,214
37	49,025,712,084	471,602	124,823,654	37	40,204,909,017	945,286	158,521,494	37	36,276,988,950	49,065	202,589,460
38	24,935,821,680	39,861	74,707,702	38	7,841,544,732	73,108	19,885,354	38	9,255,046,440	324,709	-70,377,426
39	26,103,250,970	758,034	121,467,881	39	35,619,078,924	741,526	-12,309,900	39	11,188,615,443	52,137	65,438,168
40	27,523,926,158	17,950	-20,807,087	40	13,011,281,491	69,850	115,048,022	40	21,602,266,010	937,581	11,816,774
41	444,312,963,970	891,403	247,493,772	41	253,989,442,960	935,042	257,042,610	41	185,467,219,824	891,230	122,202,891
42	515,340,603,360	743,592	261,210,285	42	457,635,721,365	892,360	299,767,689	42	151,400,894,085	960,541	209,488,437
43	365,657,495,875	950,816	67,322,117	43	138,090,492,624	657,013	247,481,028	43	145,463,953,992	637,924	36,320,471
44	177,169,767,733	578,641	202,066,452	44	82,851,965,652	923,647	32,084,518	44	98,640,706,970	984,752	229,489,398
45	84,110,381,920	690,732	7,047,366	45	460,873,772,860	716,598	4,100,015	45	357,703,969,313	718,035	50,369,096
46	168,834,375,674	861,975	2,438,291,092	46	116,685,592,687	869,137	744,145,047	46	92,181,456,443	986,203	2,115,348,323
47	88,234,970,290	743,028	2,674,075,263	47	145,857,208,770	681,023	1,059,999,786	47	441,065,090,160	860,124	524,807,535
48	222,307,711,617	579,801	-87,404,523	48	140,162,036,172	794,251	2,671,358,914	48	252,883,708,412	625,348	-165,657,751
49	103,433,314,230	630,794	1,398,156,056	49	77,537,559,164	915,608	1,879,996,538	49	265,601,221,578	532,789	1,546,689,344
50	159,799,029,752	852,361	2,066,345,767	50	318,689,242,000	792,450	-614,973,834	50	157,512,579,018	947,510	1,822,243,085