

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023001

×算				÷算				見取算	
1	3,536	46	455,671,390,878	1	79	46	654,044	1	470
2	165	47	63,033,012,031	2	44	47	923,807	2	658
3	5,335	48	94,217,781,360	3	40	48	577,555	3	657
4	6,175	49	364,648,544,787	4	45	49	496,409	4	471
5	2,132	50	523,668,874,680	5	95	50	579,741	5	577
6	5,865	51	253,378,961,374	6	12	51	556,456	6	5,561
7	192	52	204,723,723,456	7	61	52	184,093	7	4,971
8	4,212	53	90,380,160,000	8	90	53	758,935	8	4,589
9	8,613	54	116,101,354,008	9	95	54	737,550	9	5,732
10	2,805	55	197,180,578,992	10	50	55	671,592	10	4,417
11	528,129	56	158,628,974,973	11	424	56	608,942	11	59,715
12	232,693	57	290,022,549,565	12	269	57	393,435	12	53,024
13	782,008	58	743,561,447,220	13	348	58	387,696	13	76,655
14	89,846	59	69,403,744,704	14	884	59	846,345	14	47,174
15	282,906	60	558,493,486,380	15	344	60	274,499	15	54,118
16	401,808	61	18,919,931,156,568	16	814	61	4,173,039	16	1,190,607
17	221,374	62	6,076,316,764,200	17	263	62	3,390,378	17	1,349,353
18	121,800	63	37,120,517,339,145	18	442	63	2,910,841	18	1,126,531
19	78,880	64	26,146,999,641,682	19	552	64	5,145,505	19	301,279
20	480,690	65	7,637,988,455,574	20	796	65	4,019,536	20	496,074
21	47,869,456	66	34,843,698,490,530	21	2,628	66	2,672,132	21	13,408,842
22	14,232,856	67	42,267,165,075,072	22	4,810	67	7,439,237	22	12,428,606
23	6,901,804	68	12,316,128,790,131	23	3,080	68	6,875,768	23	10,982,229
24	32,614,908	69	6,089,831,920,992	24	3,676	69	4,275,476	24	2,522,617
25	32,899,126	70	4,828,839,073,860	25	7,425	70	5,736,543	25	2,694,518
26	9,286,774	71	17,650,605,746,088	26	8,807	71	5,649,304	26	107,403,201
27	42,412,482	72	39,238,195,551,960	27	2,744	72	5,996,668	27	114,399,177
28	89,090,304	73	65,614,573,557,192	28	4,874	73	1,472,219	28	106,564,743
29	76,529,610	74	72,710,671,368,552	29	2,189	74	2,434,370	29	15,884,387
30	54,380,824	75	4,638,673,664,971	30	7,021	75	4,611,547	30	25,805,966
31	3,121,993,120	76	458,682,991,812,639	31	63,202	76	15,216,721	31	1,143,153,328
32	3,666,035,646	77	5,772,715,616,290,470	32	14,031	77	94,229,294	32	1,092,472,226
33	8,042,295,286	78	4,072,019,606,518,566	33	95,338	78	18,142,377	33	952,789,843
34	5,585,232,289	79	1,363,664,017,253,470	34	46,559	79	66,778,085	34	342,376,028
35	2,014,986,702	80	5,099,452,712,669,600	35	69,196	80	37,892,927	35	361,355,461
36	7,895,133,840	81	4,280,417,147,855,800	36	84,154	81	62,397,129	36	9,350,591,237
37	4,609,737,748	82	5,711,913,056,771,427	37	30,921	82	93,275,978	37	10,317,678,111
38	2,753,574,789	83	3,149,023,189,945,770	38	68,166	83	13,102,767	38	8,493,313,051
39	1,027,972,806	84	1,726,550,013,936,000	39	63,219	84	47,994,804	39	4,086,896,319
40	545,441,384	85	3,104,661,817,410,770	40	31,899	85	55,712,354	40	5,396,961,605
41	2,885,185,334	86	1,190,801,117,216,304	41	48,495	86	22,125,691	41	114,701,776,712
42	3,679,146,900	87	5,222,109,153,468,260	42	35,713	87	72,045,735	42	93,227,061,525
43	2,867,269,286	88	416,803,882,281,688	43	43,567	88	59,036,162	43	110,195,338,705
44	4,748,087,592	89	5,443,243,870,619,406	44	78,388	89	32,263,966	44	38,888,887,111
45	4,608,812,160	90	2,167,323,129,182,760	45	21,412	90	80,221,348	45	30,776,475,178

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023002

×算				÷算				見取算	
1	1,947	46	241,619,853,930	1	36	46	257,953	1	561
2	2,604	47	64,455,857,136	2	76	47	949,378	2	489
3	3,713	48	111,756,810,087	3	12	48	449,038	3	553
4	1,200	49	146,303,224,488	4	61	49	945,615	4	710
5	2,214	50	518,096,921,769	5	99	50	276,151	5	545
6	3,432	51	117,997,040,992	6	44	51	159,706	6	5,033
7	2,304	52	29,204,639,891	7	51	52	942,760	7	4,950
8	2,496	53	534,274,152,595	8	73	53	598,594	8	4,039
9	3,900	54	449,899,292,642	9	48	54	805,562	9	5,677
10	780	55	198,136,281,915	10	75	55	358,097	10	5,613
11	188,809	56	274,415,740,018	11	232	56	322,510	11	70,148
12	457,475	57	152,555,147,017	12	441	57	281,840	12	64,611
13	157,850	58	517,469,067,045	13	835	58	997,599	13	43,301
14	347,076	59	319,247,229,312	14	912	59	765,037	14	39,473
15	259,455	60	30,246,927,000	15	528	60	914,520	15	44,289
16	111,232	61	10,762,122,165,144	16	236	61	7,291,489	16	1,114,896
17	749,787	62	25,529,338,986,360	17	821	62	3,439,608	17	950,276
18	324,627	63	10,971,934,216,668	18	676	63	5,498,447	18	952,819
19	275,018	64	49,304,488,767,000	19	394	64	1,200,706	19	228,237
20	101,442	65	33,914,557,632,284	20	998	65	4,995,991	20	568,485
21	29,947,500	66	26,282,076,783,552	21	9,834	66	1,059,721	21	11,700,743
22	51,826,455	67	68,675,368,304,933	22	1,146	67	8,466,909	22	9,254,904
23	9,865,614	68	11,128,824,349,552	23	1,215	68	6,593,570	23	9,261,940
24	81,010,452	69	21,396,608,954,896	24	8,816	69	5,774,466	24	91,880
25	2,656,275	70	13,706,127,410,333	25	1,610	70	2,844,489	25	2,005,768
26	9,501,997	71	28,128,730,001,644	26	4,854	71	6,014,937	26	111,582,132
27	45,464,307	72	28,694,960,720,576	27	6,260	72	6,606,169	27	97,763,930
28	10,973,904	73	8,836,787,803,305	28	4,113	73	1,501,857	28	79,894,011
29	46,632,768	74	23,363,122,381,406	29	4,757	74	9,212,215	29	51,670,941
30	29,700,576	75	17,465,179,612,244	30	5,582	75	9,125,454	30	61,391,729
31	2,731,224,840	76	477,748,909,541,430	31	18,891	76	95,744,079	31	1,074,092,257
32	3,815,620,050	77	3,945,105,480,442,973	32	84,457	77	28,838,071	32	1,320,248,294
33	1,272,516,600	78	1,273,297,669,156,896	33	54,033	78	55,701,691	33	1,192,931,583
34	6,562,751,180	79	2,603,944,455,271,848	34	58,786	79	15,841,463	34	289,745,594
35	751,288,820	80	5,827,978,535,354,178	35	34,376	80	34,702,300	35	78,136,525
36	971,099,155	81	1,844,543,120,776,015	36	54,728	81	26,409,324	36	12,245,264,232
37	2,776,478,643	82	996,140,859,666,785	37	52,498	82	51,030,519	37	11,575,465,440
38	7,633,632,000	83	7,291,513,192,419,270	38	47,034	83	54,151,154	38	11,314,263,663
39	7,446,298,464	84	8,478,099,364,077,690	39	35,800	84	59,045,115	39	2,744,428,179
40	3,157,471,536	85	2,192,691,612,559,845	40	92,619	85	14,175,096	40	3,857,010,599
41	2,002,817,290	86	2,310,047,281,095,525	41	82,644	86	29,781,012	41	104,908,075,102
42	1,395,319,335	87	991,711,060,327,293	42	36,726	87	44,920,935	42	117,444,672,926
43	4,397,373,748	88	3,270,613,443,148,352	43	48,393	88	27,723,927	43	101,433,274,904
44	4,112,210,700	89	3,069,870,680,468,934	44	84,029	89	11,186,476	44	29,541,226,237
45	749,296,350	90	3,006,997,962,258,127	45	82,346	90	27,942,583	45	17,437,852,399

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023003

×算			÷算			見取算			
1	4,042	46	661,110,448,995	1	73	46	208,559	1	601
2	1,100	47	393,896,915,702	2	26	47	470,314	2	590
3	364	48	717,053,075,424	3	78	48	396,935	3	525
4	4,116	49	339,969,976,224	4	24	49	777,742	4	458
5	648	50	630,794,040,324	5	61	50	131,189	5	604
6	5,214	51	667,941,991,001	6	83	51	766,221	6	4,830
7	1,824	52	181,278,812,282	7	65	52	342,913	7	6,319
8	6,210	53	538,205,151,460	8	27	53	935,979	8	5,905
9	561	54	208,093,493,223	9	78	54	748,123	9	5,870
10	1,518	55	205,290,051,324	10	13	55	178,086	10	5,520
11	184,418	56	352,440,696,458	11	977	56	215,293	11	58,272
12	162,840	57	194,783,872,306	12	913	57	716,871	12	62,264
13	68,474	58	172,213,778,679	13	854	58	852,581	13	55,366
14	801,790	59	206,210,262,870	14	560	59	182,655	14	69,724
15	77,656	60	414,603,415,634	15	501	60	274,497	15	49,797
16	145,677	61	68,069,610,149,216	16	603	61	4,360,037	16	1,042,076
17	264,688	62	25,872,426,167,405	17	802	62	2,042,730	17	1,192,201
18	465,340	63	46,641,497,053,195	18	632	63	7,016,572	18	1,010,896
19	682,344	64	20,278,446,181,344	19	450	64	1,983,008	19	416,621
20	376,740	65	21,830,401,716,060	20	661	65	1,814,669	20	325,706
21	30,357,075	66	5,258,081,386,350	21	3,086	66	4,028,300	21	9,860,441
22	6,046,128	67	64,835,765,000,223	22	3,885	67	7,691,750	22	11,761,662
23	44,202,834	68	41,152,973,657,011	23	2,307	68	1,937,027	23	13,075,499
24	20,798,850	69	49,762,425,453,930	24	9,637	69	4,423,722	24	4,325,269
25	47,669,616	70	82,104,614,460,453	25	1,352	70	8,608,015	25	3,378,488
26	16,495,899	71	48,834,252,499,580	26	1,793	71	2,784,842	26	107,447,958
27	14,677,803	72	20,967,927,071,091	27	2,898	72	5,252,592	27	119,153,742
28	42,195,120	73	7,426,607,560,560	28	1,127	73	6,875,965	28	128,478,160
29	37,978,952	74	4,758,253,445,925	29	1,600	74	2,259,079	29	32,557,753
30	54,963,448	75	10,387,745,132,580	30	3,668	75	1,882,434	30	27,200,241
31	973,662,725	76	873,192,929,580,020	31	79,362	76	24,654,781	31	1,216,654,600
32	4,724,213,274	77	6,518,977,970,314,026	32	19,429	77	68,108,411	32	1,250,411,678
33	1,216,945,191	78	2,387,663,537,787,315	33	41,996	78	81,012,866	33	1,136,290,590
34	1,521,198,280	79	3,893,864,970,264,328	34	16,427	79	76,332,743	34	302,047,582
35	6,050,804,208	80	6,044,216,805,783,768	35	42,859	80	86,534,582	35	217,833,873
36	469,655,580	81	304,198,103,864,556	36	51,394	81	41,562,594	36	11,027,941,272
37	1,944,192,545	82	4,358,155,512,121,875	37	59,868	82	44,116,212	37	11,450,568,280
38	1,075,790,089	83	476,338,914,704,518	38	70,195	83	44,947,457	38	10,927,042,910
39	2,859,816,640	84	236,946,026,651,250	39	53,398	84	36,608,873	39	1,641,169,465
40	2,657,201,632	85	2,006,638,605,309,668	40	41,412	85	38,629,401	40	1,736,779,018
41	917,352,279	86	3,721,750,112,209,250	41	43,908	86	62,207,383	41	98,234,094,765
42	1,118,837,080	87	2,101,429,771,091,976	42	86,895	87	83,678,273	42	108,435,173,501
43	1,407,595,612	88	590,583,149,315,610	43	54,733	88	73,902,538	43	93,151,406,666
44	802,867,095	89	721,000,936,543,220	44	25,347	89	21,394,444	44	54,044,771,322
45	3,380,822,856	90	3,588,853,000,262,400	45	87,488	90	69,863,065	45	15,737,501,394

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023004

×算				÷算				見取算	
1	4,473	46	275,839,740,131	1	96	46	489,097	1	627
2	4,087	47	197,512,013,580	2	92	47	209,330	2	386
3	3,124	48	135,804,763,620	3	27	48	367,256	3	650
4	2,350	49	425,738,832,036	4	41	49	889,566	4	530
5	4,293	50	324,057,035,116	5	61	50	189,391	5	500
6	1,890	51	72,353,917,930	6	28	51	159,971	6	4,049
7	2,496	52	130,432,025,250	7	96	52	526,022	7	5,121
8	1,125	53	367,431,804,795	8	78	53	108,069	8	6,429
9	1,116	54	498,278,131,890	9	83	54	201,775	9	6,572
10	3,663	55	81,819,684,708	10	46	55	737,306	10	4,876
11	170,385	56	129,348,892,827	11	719	56	213,117	11	58,264
12	680,325	57	171,243,769,422	12	756	57	238,415	12	67,938
13	145,960	58	247,428,918,846	13	933	58	664,313	13	50,241
14	76,140	59	149,871,395,400	14	627	59	572,247	14	56,810
15	394,715	60	277,715,146,776	15	725	60	916,195	15	52,367
16	135,915	61	29,267,229,250,054	16	241	61	5,381,420	16	1,165,439
17	101,085	62	62,316,580,161,525	17	423	62	5,240,050	17	1,189,733
18	48,462	63	71,897,529,391,569	18	959	63	5,955,556	18	1,222,562
19	223,676	64	27,631,982,924,094	19	282	64	1,115,492	19	349,566
20	83,300	65	12,770,166,893,960	20	849	65	6,675,299	20	85,657
21	8,296,778	66	29,197,950,955,272	21	6,822	66	5,400,586	21	11,819,294
22	50,424,990	67	10,855,514,047,774	22	6,793	67	8,982,707	22	9,946,505
23	25,065,354	68	70,727,028,337,346	23	8,952	68	6,915,498	23	10,907,362
24	87,027,216	69	55,480,144,507,368	24	1,243	69	1,379,422	24	1,959,610
25	2,003,469	70	24,007,629,151,852	25	5,650	70	3,393,433	25	3,147,818
26	36,923,780	71	69,687,171,247,495	26	5,788	71	4,683,008	26	95,344,198
27	5,549,360	72	5,367,897,049,515	27	3,293	72	1,181,220	27	115,888,361
28	17,581,641	73	16,964,153,429,772	28	1,506	73	6,837,272	28	106,115,937
29	6,579,750	74	41,908,405,834,281	29	1,040	74	5,598,964	29	26,291,519
30	6,199,664	75	48,996,319,101,512	30	2,491	75	5,217,912	30	36,576,956
31	4,743,056,442	76	2,166,075,886,553,488	31	18,983	76	43,822,007	31	1,115,732,481
32	1,535,677,794	77	5,095,492,928,223,380	32	94,451	77	44,938,952	32	938,013,071
33	3,604,482,504	78	5,868,877,323,010,091	33	99,458	78	59,187,713	33	1,176,692,144
34	676,381,632	79	5,945,952,997,548,216	34	83,153	79	55,432,454	34	296,036,898
35	1,185,406,830	80	657,908,273,939,444	35	70,433	80	94,816,581	35	545,260,764
36	3,107,823,408	81	1,061,942,779,411,360	36	70,285	81	97,838,932	36	9,241,777,554
37	4,344,392,896	82	941,730,146,623,980	37	49,702	82	10,092,634	37	12,760,590,486
38	571,395,888	83	6,229,760,603,172,036	38	47,107	83	33,075,417	38	11,693,154,082
39	884,237,832	84	3,127,173,949,485,198	39	11,636	84	27,857,814	39	3,497,575,639
40	994,781,480	85	1,507,504,685,651,838	40	17,578	85	42,826,816	40	3,308,315,438
41	4,678,889,381	86	4,454,147,355,448,819	41	59,441	86	84,006,473	41	134,210,573,137
42	4,260,395,708	87	1,197,669,586,264,599	42	57,400	87	30,729,043	42	95,790,639,832
43	1,064,724,090	88	1,435,647,511,834,938	43	84,997	88	34,640,004	43	114,621,626,428
44	1,365,814,925	89	3,556,545,088,424,400	44	69,239	89	81,540,004	44	44,206,945,764
45	4,196,376,611	90	4,537,419,396,177,864	45	76,175	90	82,557,554	45	23,408,553,168

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023005

×算			÷算			見取算			
1	7,722	46	442,751,676,024	1	29	46	557,503	1	540
2	4,462	47	513,188,051,502	2	48	47	579,220	2	697
3	3,504	48	354,383,852,048	3	70	48	642,044	3	635
4	2,822	49	374,866,290,336	4	87	49	273,257	4	340
5	2,860	50	191,058,449,930	5	43	50	476,219	5	522
6	7,505	51	755,433,479,830	6	80	51	370,109	6	5,180
7	1,180	52	641,534,490,282	7	96	52	606,758	7	7,663
8	1,980	53	434,758,842,768	8	33	53	185,175	8	7,445
9	3,472	54	154,348,915,041	9	37	54	454,813	9	5,260
10	1,424	55	410,884,512,000	10	90	55	143,102	10	6,727
11	673,569	56	173,876,233,776	11	712	56	218,945	11	48,238
12	195,014	57	402,496,139,645	12	879	57	651,131	12	51,210
13	259,739	58	117,718,961,015	13	410	58	507,801	13	64,989
14	541,698	59	226,397,591,070	14	980	59	905,473	14	61,890
15	725,760	60	272,018,343,772	15	413	60	451,780	15	49,250
16	427,330	61	25,371,450,555,120	16	651	61	3,264,726	16	884,174
17	288,792	62	5,098,643,253,228	17	868	62	2,014,397	17	1,134,192
18	663,920	63	14,541,741,210,396	18	366	63	5,653,675	18	1,058,689
19	194,040	64	3,401,090,287,452	19	133	64	8,139,906	19	208,981
20	559,488	65	19,734,359,850,744	20	926	65	1,107,603	20	464,170
21	43,768,780	66	78,215,765,183,648	21	3,633	66	4,301,602	21	8,596,221
22	71,026,411	67	5,830,108,645,992	22	2,650	67	7,737,423	22	11,451,607
23	38,570,896	68	49,882,793,896,392	23	8,367	68	5,202,406	23	11,526,692
24	42,057,340	69	12,096,695,287,010	24	4,106	69	4,837,855	24	1,738,718
25	11,990,286	70	47,079,438,832,510	25	1,253	70	9,404,769	25	2,671,677
26	24,182,928	71	21,635,378,078,736	26	5,115	71	5,376,588	26	120,062,346
27	10,727,055	72	15,864,060,405,894	27	1,256	72	3,087,900	27	112,212,224
28	15,110,058	73	38,892,515,167,035	28	2,875	73	1,238,194	28	110,515,313
29	57,739,746	74	14,959,889,832,888	29	3,445	74	4,060,303	29	52,906,728
30	24,632,335	75	32,011,654,084,924	30	2,822	75	4,543,982	30	34,184,612
31	1,042,984,215	76	5,644,269,617,070,528	31	48,434	76	30,984,371	31	1,042,890,133
32	6,202,438,401	77	5,292,525,568,877,715	32	60,091	77	89,984,833	32	1,051,872,959
33	2,942,232,585	78	2,067,493,079,130,644	33	74,037	78	62,354,176	33	1,130,031,018
34	5,699,640,396	79	522,429,244,355,023	34	63,877	79	48,352,687	34	554,667,968
35	5,494,335,128	80	6,972,805,172,369,960	35	97,926	80	25,892,831	35	527,323,360
36	1,448,937,880	81	3,941,083,261,979,952	36	57,733	81	46,777,008	36	8,355,086,643
37	6,405,504,300	82	965,975,727,556,112	37	35,725	82	56,158,494	37	10,799,692,549
38	7,978,117,725	83	879,835,461,077,204	38	94,806	83	15,364,892	38	12,144,848,437
39	2,258,744,796	84	165,490,556,442,400	39	80,020	84	89,078,054	39	4,030,728,068
40	2,993,964,792	85	1,899,266,591,325,018	40	23,587	85	31,042,563	40	1,058,694,697
41	1,882,924,230	86	424,166,373,616,470	41	91,063	86	83,645,058	41	91,382,391,746
42	556,077,924	87	2,128,973,368,945,380	42	50,590	87	24,595,445	42	99,644,381,672
43	528,325,393	88	1,434,281,393,578,446	43	65,790	88	14,722,678	43	128,608,627,014
44	4,663,795,428	89	7,327,487,052,033,824	44	68,351	89	71,627,483	44	38,412,530,988
45	2,203,759,345	90	4,791,021,751,905,760	45	23,812	90	60,302,486	45	45,515,061,216

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023006

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1	7,220	46	644,529,338,730	1	51	46	489,630	1	672
2	936	47	773,158,330,176	2	60	47	991,416	2	461
3	572	48	559,253,399,942	3	46	48	388,423	3	630
4	1,440	49	45,436,865,385	4	27	49	595,556	4	591
5	3,003	50	69,304,285,050	5	14	50	781,399	5	506
6	1,700	51	183,123,481,977	6	14	51	678,947	6	5,727
7	792	52	54,337,945,774	7	35	52	211,225	7	5,562
8	697	53	115,032,471,984	8	91	53	511,150	8	6,561
9	2,665	54	500,522,550,932	9	88	54	920,732	9	5,591
10	825	55	287,850,549,420	10	19	55	766,540	10	2,916
11	805,323	56	404,935,493,600	11	293	56	406,034	11	62,085
12	146,286	57	226,209,214,842	12	253	57	927,788	12	63,603
13	732,443	58	695,811,806,762	13	933	58	323,555	13	55,013
14	512,631	59	230,053,338,730	14	420	59	689,362	14	53,097
15	223,629	60	559,867,229,150	15	998	60	570,802	15	51,859
16	163,944	61	33,841,835,479,595	16	804	61	9,442,584	16	1,166,607
17	728,222	62	31,078,700,796,605	17	469	62	6,439,713	17	1,161,732
18	201,996	63	10,217,070,876,298	18	143	63	9,971,141	18	1,062,933
19	170,488	64	47,742,830,243,432	19	738	64	3,207,039	19	265,037
20	421,508	65	3,738,776,386,952	20	696	65	6,946,364	20	508,366
21	3,512,250	66	13,285,071,300,040	21	6,780	66	7,892,609	21	10,115,495
22	29,860,578	67	33,539,101,570,577	22	1,132	67	4,088,872	22	10,933,402
23	28,886,112	68	26,611,829,260,078	23	3,032	68	9,703,583	23	9,039,640
24	56,952,815	69	46,212,761,983,665	24	2,494	69	8,991,847	24	2,539,581
25	61,296,012	70	9,660,943,411,401	25	4,487	70	8,562,729	25	3,881,305
26	67,159,215	71	10,808,753,549,490	26	6,700	71	1,315,191	26	103,539,672
27	12,468,429	72	10,042,900,441,042	27	3,274	72	1,039,922	27	117,705,201
28	21,731,249	73	32,640,900,795,630	28	6,946	73	7,504,954	28	92,669,624
29	46,005,960	74	18,497,955,175,953	29	7,800	74	8,946,508	29	24,118,771
30	20,442,591	75	89,950,936,542,135	30	6,245	75	7,992,408	30	20,247,040
31	1,245,820,914	76	5,924,398,710,977,932	31	60,863	76	77,718,542	31	870,656,245
32	1,868,254,876	77	3,110,369,535,244,681	32	32,008	77	16,002,958	32	1,307,300,040
33	925,999,485	78	3,584,621,732,401,050	33	37,926	78	22,091,627	33	1,056,057,597
34	6,814,006,727	79	1,940,863,446,846,144	34	15,845	79	24,272,388	34	178,855,465
35	1,892,275,740	80	5,513,159,687,326,487	35	72,975	80	96,239,756	35	457,783,038
36	2,276,046,717	81	4,741,746,109,115,842	36	89,397	81	22,344,599	36	10,591,339,833
37	1,235,768,380	82	3,141,613,318,579,120	37	48,446	82	95,220,227	37	10,003,689,725
38	4,109,321,390	83	2,457,828,480,136,562	38	75,553	83	24,758,387	38	11,706,118,269
39	7,243,414,035	84	574,362,774,375,165	39	42,819	84	45,306,106	39	2,731,109,217
40	4,178,201,706	85	1,845,392,365,494,300	40	65,952	85	19,622,801	40	5,365,859,661
41	3,796,730,577	86	2,199,938,980,623,300	41	84,045	86	28,825,848	41	114,391,175,581
42	3,398,937,906	87	6,889,953,110,246,535	42	41,470	87	17,939,285	42	98,515,257,930
43	3,123,981,260	88	3,499,397,977,679,120	43	58,652	88	47,031,816	43	106,558,097,500
44	6,666,449,472	89	1,194,355,100,582,540	44	43,455	89	93,382,781	44	38,008,371,282
45	618,936,978	90	3,650,237,845,171,710	45	65,421	90	59,213,701	45	43,298,716,731

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023007

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1	2,516	46	207,189,548,140	1	83	46	834,526	1	526
2	3,220	47	32,901,068,075	2	26	47	942,946	2	598
3	4,235	48	139,129,336,132	3	43	48	354,272	3	539
4	2,378	49	184,757,452,470	4	16	49	745,710	4	453
5	2,820	50	331,058,948,025	5	43	50	540,124	5	657
6	1,274	51	524,606,606,088	6	60	51	701,905	6	3,960
7	841	52	173,766,404,100	7	58	52	393,355	7	5,068
8	4,087	53	107,982,294,464	8	75	53	730,282	8	6,269
9	3,050	54	189,647,650,640	9	66	54	489,107	9	6,631
10	1,196	55	752,495,355,000	10	31	55	861,332	10	5,155
11	223,096	56	281,964,372,128	11	495	56	497,497	11	48,649
12	78,561	57	83,576,293,605	12	689	57	252,141	12	64,317
13	722,300	58	94,823,036,106	13	340	58	716,227	13	51,482
14	503,766	59	76,860,038,376	14	451	59	175,783	14	48,460
15	68,680	60	109,658,702,922	15	870	60	956,068	15	60,778
16	113,897	61	17,966,115,364,800	16	958	61	4,178,447	16	1,197,329
17	459,584	62	41,679,660,335,376	17	387	62	4,086,101	17	1,201,821
18	165,880	63	15,384,241,538,072	18	286	63	3,703,743	18	1,091,989
19	53,480	64	53,628,626,910,796	19	564	64	5,058,098	19	509,637
20	306,024	65	18,504,290,831,133	20	941	65	3,214,880	20	218,790
21	67,440,568	66	11,073,187,042,376	21	1,034	66	2,210,969	21	10,027,394
22	57,270,780	67	52,676,511,093,184	22	8,543	67	9,176,595	22	10,599,802
23	25,573,184	68	6,667,281,489,440	23	2,654	68	6,542,937	23	12,584,242
24	11,602,512	69	40,225,937,883,992	24	7,365	69	5,564,452	24	3,218,491
25	46,245,030	70	24,903,952,949,650	25	8,520	70	9,031,830	25	4,063,261
26	60,449,094	71	24,814,212,930,138	26	5,350	71	6,816,001	26	117,444,002
27	34,214,225	72	59,426,185,623,960	27	2,673	72	8,283,597	27	121,760,883
28	10,567,977	73	71,963,920,953,258	28	4,986	73	6,534,976	28	104,603,687
29	29,648,740	74	87,030,882,550,731	29	7,354	74	1,628,573	29	34,534,770
30	8,671,860	75	16,854,444,239,553	30	9,218	75	6,218,537	30	11,343,069
31	2,162,336,500	76	1,702,385,799,420,243	31	44,932	76	79,526,437	31	1,251,001,144
32	2,571,315,360	77	1,719,082,985,185,865	32	17,963	77	24,125,047	32	1,030,250,813
33	1,407,379,212	78	542,289,012,326,812	33	46,850	78	16,964,313	33	1,156,910,833
34	5,527,553,954	79	3,405,781,433,999,725	34	63,845	79	61,298,753	34	361,971,897
35	3,737,380,040	80	1,651,294,709,273,216	35	19,503	80	10,471,948	35	303,689,995
36	2,854,241,702	81	4,369,855,444,253,600	36	69,000	81	92,577,436	36	11,841,471,334
37	968,475,536	82	1,137,344,092,574,767	37	14,977	82	57,154,094	37	11,206,379,976
38	949,403,568	83	1,362,530,268,367,828	38	96,182	83	45,326,748	38	10,781,294,599
39	1,321,164,402	84	1,729,755,148,829,026	39	50,545	84	65,567,422	39	2,219,578,259
40	1,304,865,555	85	2,525,167,308,143,757	40	28,633	85	34,011,227	40	1,028,839,944
41	2,385,952,804	86	5,088,425,469,318,400	41	36,298	86	43,755,213	41	121,985,728,777
42	4,818,093,035	87	8,308,629,080,676,756	42	35,437	87	80,446,047	42	110,303,296,536
43	2,874,465,660	88	5,687,704,783,073,880	43	43,424	88	54,957,687	43	112,637,971,361
44	2,822,420,669	89	2,160,354,881,703,172	44	97,292	89	30,349,250	44	7,747,428,796
45	2,191,175,475	90	539,403,871,609,158	45	69,355	90	94,739,204	45	36,489,359,565

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023008

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1	6,566	46	417,160,021,320	1	56	46	314,472	1	460
2	1,980	47	769,815,443,544	2	35	47	570,415	2	665
3	1,584	48	139,607,643,169	3	90	48	670,753	3	439
4	1,716	49	429,776,744,844	4	82	49	233,574	4	449
5	4,788	50	200,414,839,040	5	97	50	894,561	5	549
6	3,827	51	637,549,490,610	6	59	51	860,590	6	5,658
7	3,969	52	61,133,818,518	7	91	52	375,846	7	6,000
8	8,134	53	758,148,666,282	8	80	53	466,076	8	6,002
9	930	54	185,892,788,816	9	11	54	689,809	9	5,797
10	5,986	55	143,762,257,224	10	40	55	856,752	10	6,372
11	308,384	56	88,553,882,512	11	872	56	419,645	11	51,673
12	171,200	57	884,383,232,883	12	994	57	179,775	12	53,856
13	578,763	58	370,150,325,664	13	147	58	559,487	13	63,340
14	64,935	59	503,088,945,597	14	153	59	168,507	14	52,421
15	90,331	60	382,496,682,282	15	970	60	740,959	15	66,170
16	469,710	61	55,777,381,725,877	16	948	61	4,679,251	16	1,368,578
17	315,055	62	2,320,445,097,204	17	808	62	5,357,708	17	1,123,148
18	98,280	63	6,821,330,602,752	18	122	63	6,195,336	18	927,595
19	781,638	64	38,333,884,289,246	19	625	64	7,380,632	19	269,954
20	633,688	65	49,315,736,440,677	20	560	65	3,798,453	20	233,894
21	58,667,345	66	14,933,773,143,174	21	4,030	66	6,779,907	21	11,514,205
22	32,518,998	67	8,816,037,036,547	22	9,601	67	5,147,806	22	11,442,734
23	63,352,049	68	6,728,067,277,577	23	1,288	68	2,178,239	23	11,745,152
24	48,524,296	69	26,324,008,164,900	24	5,927	69	9,993,159	24	758,185
25	26,586,783	70	76,567,944,382,308	25	6,624	70	6,370,172	25	6,235,482
26	11,002,488	71	10,258,373,164,662	26	5,675	71	2,366,404	26	106,061,745
27	9,140,516	72	11,491,420,283,220	27	3,977	72	4,661,626	27	117,301,292
28	67,490,604	73	36,342,898,871,895	28	5,281	73	5,893,802	28	96,353,267
29	7,276,506	74	30,294,255,697,116	29	8,566	74	2,832,834	29	39,222,772
30	12,142,392	75	4,744,080,768,537	30	8,415	75	1,947,822	30	34,610,925
31	4,078,834,128	76	6,436,195,194,681,360	31	70,671	76	97,242,076	31	1,184,777,471
32	3,185,995,174	77	1,851,069,396,606,682	32	25,996	77	37,512,463	32	930,673,497
33	3,534,867,171	78	1,398,489,803,562,928	33	18,658	78	93,852,665	33	1,012,330,938
34	1,126,524,241	79	8,127,552,522,441,177	34	78,456	79	56,757,504	34	424,794,319
35	634,905,459	80	1,466,992,136,429,183	35	26,317	80	35,040,351	35	266,978,568
36	1,914,853,525	81	2,321,245,946,229,502	36	45,368	81	18,758,617	36	7,852,796,600
37	3,081,866,653	82	5,436,373,385,240,725	37	72,047	82	61,929,371	37	9,950,331,986
38	4,868,269,714	83	3,018,245,619,213,048	38	91,059	83	86,652,385	38	13,306,786,481
39	1,435,009,755	84	3,196,642,220,768,978	39	26,923	84	21,355,344	39	5,336,315,539
40	1,683,720,709	85	5,049,387,116,677,068	40	49,228	85	89,251,398	40	4,921,566,133
41	1,319,370,648	86	4,310,755,551,081,504	41	20,631	86	42,709,657	41	112,509,706,042
42	1,606,060,890	87	1,941,401,243,427,283	42	79,999	87	79,494,136	42	124,639,886,038
43	1,858,305,548	88	1,850,544,966,265,272	43	37,382	88	44,346,802	43	114,065,482,070
44	738,075,204	89	8,315,573,252,966,985	44	40,691	89	72,213,289	44	25,752,586,854
45	1,279,845,744	90	1,972,513,441,702,634	45	21,768	90	50,740,951	45	29,173,630,996

TOKYO OPEN SOROBAN CONTEST 2023

総合競技解答

NO.2023009

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1	3,280	46	131,379,249,160	1	58	46	304,170	1	462
2	3,486	47	381,510,217,004	2	36	47	731,543	2	621
3	2,958	48	389,484,070,000	3	33	48	412,320	3	550
4	3,920	49	261,272,909,035	4	34	49	624,970	4	484
5	3,807	50	274,425,222,060	5	86	50	921,751	5	487
6	2,538	51	57,015,869,568	6	93	51	426,485	6	5,503
7	3,627	52	283,428,684,478	7	67	52	315,156	7	6,478
8	2,700	53	260,443,551,708	8	34	53	694,814	8	4,788
9	3,239	54	85,291,241,760	9	95	54	271,960	9	4,743
10	6,083	55	226,486,777,800	10	17	55	733,382	10	5,308
11	573,716	56	336,137,855,284	11	702	56	596,615	11	67,143
12	176,687	57	119,128,703,008	12	809	57	988,556	12	45,961
13	690,612	58	178,719,206,190	13	357	58	951,002	13	49,533
14	121,576	59	270,203,397,415	14	601	59	680,346	14	42,436
15	42,074	60	34,511,690,589	15	792	60	366,757	15	54,426
16	66,690	61	17,756,328,725,545	16	121	61	5,584,636	16	1,021,322
17	276,896	62	5,119,079,494,410	17	621	62	4,519,451	17	972,038
18	87,150	63	46,014,662,406,948	18	558	63	8,961,583	18	1,118,507
19	115,276	64	40,321,227,119,384	19	715	64	9,834,002	19	184,496
20	644,490	65	29,016,492,377,824	20	641	65	4,705,780	20	425,976
21	10,578,098	66	50,753,378,419,930	21	8,573	66	5,486,257	21	10,007,421
22	6,402,228	67	8,974,524,903,162	22	9,327	67	1,739,298	22	10,780,905
23	38,005,352	68	35,694,702,602,832	23	8,114	68	1,605,470	23	12,484,552
24	5,081,470	69	47,234,379,070,262	24	2,626	69	7,966,146	24	2,511,501
25	70,761,220	70	77,241,877,359,417	25	7,975	70	2,149,879	25	2,817,898
26	63,781,640	71	51,792,638,520,560	26	2,475	71	1,916,265	26	107,728,148
27	51,807,837	72	30,427,355,991,000	27	4,178	72	5,565,261	27	93,963,765
28	8,998,236	73	18,117,903,027,312	28	3,711	73	8,022,752	28	86,463,549
29	29,224,800	74	43,966,275,439,992	29	6,347	74	6,795,268	29	24,682,477
30	45,406,010	75	45,860,827,358,899	30	5,160	75	2,497,712	30	33,155,191
31	5,871,155,136	76	3,209,290,903,090,925	31	16,238	76	24,302,489	31	1,032,735,960
32	1,132,741,768	77	5,327,673,301,257,076	32	55,115	77	73,657,726	32	1,313,598,419
33	3,660,565,844	78	4,703,606,881,716,686	33	34,049	78	58,506,266	33	1,078,289,175
34	1,260,869,830	79	1,252,594,462,377,270	34	37,665	79	97,515,394	34	529,240,783
35	1,806,466,995	80	1,454,243,353,054,710	35	63,532	80	85,759,821	35	285,647,916
36	371,560,920	81	1,264,148,302,798,216	36	79,200	81	37,354,876	36	10,343,360,228
37	1,080,411,980	82	1,850,897,615,396,940	37	80,106	82	96,217,389	37	10,489,453,122
38	2,445,410,448	83	2,969,360,999,375,176	38	76,826	83	57,752,370	38	11,453,273,695
39	447,670,080	84	5,271,260,570,812,876	39	89,218	84	20,859,924	39	1,412,792,040
40	7,273,778,992	85	4,768,531,987,703,414	40	49,229	85	84,404,020	40	4,900,063,770
41	4,391,174,592	86	2,056,496,868,813,618	41	48,173	86	63,670,064	41	108,652,231,931
42	1,296,710,544	87	1,946,799,776,940,611	42	51,599	87	75,636,421	42	115,233,840,884
43	2,643,374,310	88	1,369,825,539,075,455	43	16,601	88	14,231,823	43	125,002,652,269
44	2,216,697,140	89	549,548,355,328,320	44	44,224	89	31,617,639	44	24,877,986,069
45	1,006,289,856	90	2,713,789,746,344,148	45	58,357	90	87,227,798	45	45,400,508,558

TOKYO OPEN SOROBAN CONTEST 2023

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NO.2023010

×算			÷算			見取算			
1	2,565	46	464,021,143,500	1	45	46	942,723	1	616
2	3,584	47	207,535,320,630	2	53	47	444,258	2	571
3	1,450	48	95,386,461,975	3	58	48	640,321	3	408
4	1,891	49	862,532,581,055	4	45	49	374,170	4	449
5	5,418	50	397,651,444,731	5	42	50	154,788	5	504
6	1,525	51	61,431,353,799	6	44	51	289,994	6	5,241
7	3,498	52	126,111,644,425	7	73	52	799,229	7	6,257
8	6,715	53	252,433,488,168	8	88	53	450,342	8	5,458
9	2,916	54	354,316,026,825	9	21	54	474,397	9	5,508
10	3,320	55	211,287,681,312	10	64	55	284,591	10	4,743
11	227,708	56	190,708,082,950	11	423	56	452,781	11	55,926
12	105,408	57	390,704,312,770	12	478	57	125,113	12	46,525
13	41,623	58	339,699,619,010	13	200	58	753,577	13	48,403
14	703,660	59	705,839,264,316	14	847	59	414,631	14	56,551
15	156,620	60	429,986,980,192	15	610	60	644,704	15	45,935
16	187,575	61	42,806,674,648,276	16	936	61	2,191,003	16	911,188
17	363,282	62	15,789,610,416,138	17	918	62	2,016,397	17	1,226,572
18	85,905	63	12,555,084,682,080	18	638	63	1,929,785	18	969,045
19	124,740	64	7,568,023,522,580	19	609	64	2,291,756	19	217,441
20	124,440	65	3,157,506,619,800	20	822	65	4,975,395	20	356,456
21	32,215,752	66	39,727,168,722,423	21	6,884	66	1,987,913	21	12,975,817
22	5,032,664	67	19,886,273,103,403	22	4,435	67	9,757,412	22	11,381,352
23	25,197,458	68	18,705,381,443,652	23	2,227	68	9,018,051	23	9,411,499
24	49,786,360	69	30,125,007,606,750	24	1,239	69	2,672,089	24	3,476,101
25	18,751,816	70	46,224,002,776,399	25	1,824	70	5,179,209	25	2,189,592
26	8,229,704	71	16,481,513,092,824	26	4,514	71	6,584,018	26	126,283,942
27	22,779,031	72	43,576,099,861,959	27	5,027	72	1,186,485	27	85,111,696
28	29,757,924	73	30,050,223,211,972	28	5,886	73	4,103,138	28	91,203,548
29	40,644,021	74	70,636,178,048,562	29	4,753	74	1,616,818	29	17,411,885
30	21,591,288	75	36,607,502,109,009	30	8,867	75	6,076,288	30	22,579,958
31	4,191,434,292	76	4,329,092,539,225,768	31	18,994	76	42,379,238	31	1,099,426,900
32	5,030,524,680	77	1,072,022,367,121,360	32	18,986	77	33,526,217	32	1,182,773,860
33	8,028,323,100	78	2,409,656,759,508,180	33	75,974	78	71,708,847	33	1,040,432,901
34	3,347,038,734	79	1,901,290,062,551,742	34	45,997	79	17,465,383	34	446,927,636
35	3,992,859,256	80	6,752,960,779,976,584	35	79,828	80	85,883,170	35	454,456,770
36	4,478,829,600	81	859,0999,644,727,397	36	64,442	81	48,051,114	36	11,101,559,369
37	2,424,547,983	82	1,274,849,020,378,653	37	11,471	82	72,356,046	37	12,684,574,001
38	2,910,785,490	83	8,037,404,487,123,915	38	50,634	83	78,496,514	38	11,202,138,987
39	496,622,031	84	4,211,822,677,169,952	39	28,821	84	28,838,149	39	3,978,923,523
40	662,886,100	85	6,082,561,808,131,056	40	13,955	85	65,230,572	40	2,711,912,627
41	1,108,471,872	86	2,091,541,355,124,003	41	91,923	86	85,101,426	41	114,527,900,224
42	3,780,041,410	87	2,540,438,529,996,969	42	74,327	87	34,891,090	42	101,644,415,572
43	2,394,296,504	88	559,945,186,675,328	43	84,455	88	37,230,603	43	114,662,809,348
44	4,265,980,416	89	1,782,452,107,392,010	44	76,864	89	50,967,607	44	45,697,900,283
45	412,171,008	90	5,987,099,415,847,802	45	74,092	90	12,908,526	45	21,309,531,168