

TOKYO OPEN SOROBAN CONTEST 2024

【2024001】総合競技解答

×算				÷算				見取算	
1	3,008	46	111,416,662,596	1	40	46	533,316	1	549
2	8,084	47	40,083,488,250	2	85	47	229,577	2	567
3	1,080	48	308,591,637,008	3	73	48	993,673	3	587
4	4,092	49	263,782,596,627	4	46	49	932,118	4	622
5	3,904	50	31,258,914,430	5	18	50	672,006	5	588
6	1,232	51	502,540,153,230	6	33	51	166,233	6	6,503
7	2,291	52	90,347,631,253	7	13	52	272,420	7	4,863
8	1,612	53	152,542,385,158	8	57	53	967,308	8	5,056
9	868	54	791,931,993,798	9	36	54	100,195	9	6,085
10	2,475	55	510,379,276,685	10	18	55	477,981	10	5,583
11	677,358	56	211,086,106,434	11	812	56	632,804	11	50,158
12	378,352	57	110,032,552,828	12	465	57	191,711	12	58,898
13	158,862	58	164,745,875,232	13	491	58	369,729	13	63,016
14	175,916	59	277,228,777,980	14	151	59	808,688	14	52,984
15	419,727	60	94,506,014,898	15	692	60	731,251	15	58,596
16	131,984	61	14,628,199,066,664	16	633	61	6,440,237	16	1,168,320
17	210,055	62	45,356,572,240,404	17	925	62	9,139,805	17	1,066,686
18	94,242	63	33,805,920,558,080	18	807	63	9,331,120	18	1,248,430
19	207,936	64	6,212,282,012,640	19	717	64	5,590,441	19	215,990
20	585,681	65	43,213,264,695,090	20	722	65	3,853,366	20	343,578
21	3,583,353	66	56,917,357,908,041	21	6,120	66	8,645,967	21	11,861,713
22	11,022,750	67	56,421,995,275,371	22	4,414	67	8,383,286	22	12,356,015
23	33,568,991	68	17,536,448,728,806	23	6,138	68	7,962,605	23	7,301,990
24	5,682,984	69	9,817,828,736,336	24	5,327	69	5,989,242	24	5,092,465
25	72,988,056	70	45,337,612,935,245	25	7,665	70	3,305,835	25	3,992,123
26	16,998,540	71	20,448,748,540,094	26	8,516	71	6,787,259	26	124,122,213
27	45,468,116	72	39,782,991,795,681	27	8,138	72	6,630,196	27	89,033,612
28	47,861,120	73	41,874,005,026,332	28	3,502	73	5,578,339	28	99,575,671
29	61,646,206	74	64,801,335,500,439	29	1,831	74	2,579,996	29	25,772,675
30	67,922,682	75	74,201,511,599,451	30	6,262	75	8,336,487	30	37,702,265
31	843,212,279	76	583,079,799,961,314	31	98,369	76	38,995,042	31	1,120,780,050
32	3,152,716,917	77	1,847,866,603,930,932	32	31,725	77	51,905,851	32	1,062,492,859
33	962,904,480	78	497,466,180,861,468	33	61,378	78	55,075,318	33	1,164,114,217
34	5,877,583,749	79	1,054,014,655,248,360	34	87,987	79	34,037,040	34	264,738,322
35	4,068,560,789	80	2,642,654,361,145,528	35	54,954	80	60,907,957	35	264,521,857
36	913,405,445	81	3,002,637,097,441,200	36	21,452	81	71,847,770	36	8,553,383,991
37	6,080,424,910	82	5,524,001,737,120,492	37	91,206	82	83,253,015	37	10,216,069,101
38	1,459,630,730	83	2,347,990,130,703,053	38	96,197	83	48,999,459	38	12,925,141,941
39	3,157,771,140	84	4,259,368,782,162,675	39	35,324	84	17,333,717	39	3,543,984,135
40	5,836,756,030	85	1,146,729,764,228,782	40	23,829	85	87,864,160	40	1,960,200,668
41	3,079,457,068	86	3,404,260,117,848,163	41	54,034	86	74,211,708	41	106,613,248,413
42	1,510,121,624	87	1,063,542,192,372,832	42	93,745	87	92,797,442	42	86,380,358,506
43	1,662,783,003	88	4,173,718,097,486,182	43	33,999	88	54,970,932	43	106,351,532,051
44	242,928,552	89	3,755,221,537,388,925	44	58,003	89	63,186,920	44	45,466,660,380
45	618,125,196	90	1,687,437,296,119,575	45	86,077	90	87,822,425	45	33,620,505,323

TOKYO OPEN SOROBAN CONTEST 2024

【2024002】総合競技解答

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1	4,928	46	410,056,698,324	1	72	46	416,447	1	647
2	5,586	47	918,089,345,536	2	70	47	268,212	2	462
3	493	48	241,252,995,408	3	14	48	654,126	3	494
4	7,050	49	572,742,161,646	4	98	49	235,124	4	474
5	3,510	50	818,933,247,678	5	36	50	631,685	5	522
6	3,311	51	191,480,996,850	6	95	51	186,639	6	6,918
7	1,800	52	239,106,600,915	7	92	52	237,364	7	5,574
8	5,400	53	225,223,761,686	8	92	53	291,803	8	6,832
9	1,216	54	606,980,803,962	9	14	54	589,606	9	6,080
10	3,360	55	220,817,212,770	10	83	55	249,588	10	6,034
11	96,200	56	280,980,777,879	11	576	56	606,598	11	53,306
12	124,313	57	312,697,766,454	12	522	57	505,819	12	37,509
13	107,595	58	453,334,452,584	13	786	58	232,591	13	50,009
14	147,026	59	380,812,407,624	14	495	59	595,148	14	48,786
15	679,102	60	207,167,635,545	15	494	60	469,699	15	60,135
16	684,937	61	7,455,861,224,400	16	104	61	4,983,726	16	1,190,314
17	595,080	62	29,843,915,796,924	17	280	62	4,066,623	17	1,145,785
18	207,019	63	53,767,044,374,256	18	950	63	4,502,597	18	1,162,801
19	167,076	64	44,943,923,307,748	19	545	64	2,317,100	19	123,494
20	215,965	65	16,472,179,530,000	20	826	65	4,950,431	20	515,081
21	8,493,464	66	4,285,915,297,776	21	7,330	66	9,956,065	21	12,469,718
22	63,551,914	67	53,948,646,336,060	22	5,132	67	1,449,829	22	12,098,181
23	80,422,311	68	47,161,969,189,328	23	2,944	68	6,560,235	23	10,331,617
24	11,262,556	69	11,804,188,277,778	24	2,496	69	3,327,020	24	2,953,372
25	30,655,768	70	6,230,655,704,622	25	3,606	70	3,411,152	25	2,086,586
26	24,113,418	71	21,037,716,327,420	26	8,917	71	2,109,325	26	102,471,894
27	32,373,598	72	28,245,401,967,729	27	2,160	72	2,068,681	27	120,741,232
28	32,987,313	73	11,174,246,313,307	28	3,160	73	7,196,135	28	125,528,452
29	26,843,112	74	31,146,744,074,271	29	4,291	74	8,698,432	29	28,800,350
30	12,864,608	75	32,832,636,151,904	30	2,012	75	7,511,640	30	28,801,431
31	1,150,715,501	76	9,265,537,882,468,700	31	12,203	76	45,501,152	31	1,300,022,919
32	1,048,154,665	77	4,930,538,076,857,755	32	15,694	77	13,883,455	32	1,291,375,289
33	3,570,046,962	78	1,593,949,666,272,690	33	21,160	78	63,839,227	33	1,138,226,091
34	4,275,394,920	79	3,077,919,211,600,338	34	59,519	79	91,780,271	34	358,278,448
35	2,598,571,138	80	1,029,343,644,733,564	35	67,780	80	85,316,074	35	458,455,130
36	1,766,013,071	81	3,821,294,615,282,960	36	67,313	81	78,975,539	36	11,119,081,828
37	2,986,217,678	82	1,401,509,385,288,600	37	28,262	82	64,929,002	37	11,506,323,862
38	5,726,205,208	83	8,643,082,639,983,858	38	57,791	83	90,553,608	38	11,792,689,190
39	447,906,445	84	582,089,246,062,727	39	43,411	84	42,619,914	39	3,840,202,175
40	5,856,082,722	85	1,926,939,963,182,208	40	56,483	85	38,100,458	40	2,340,580,585
41	2,372,681,262	86	2,809,945,696,693,017	41	31,073	86	21,121,983	41	120,292,299,041
42	1,234,576,257	87	2,601,118,835,918,630	42	13,050	87	15,331,616	42	111,119,405,683
43	2,893,743,500	88	3,443,812,120,477,956	43	56,222	88	47,362,456	43	107,350,373,811
44	6,155,776,222	89	6,166,772,817,955,648	44	73,210	89	94,677,883	44	36,332,079,883
45	2,164,372,496	90	2,744,433,745,481,032	45	33,467	90	21,209,432	45	25,603,015,821

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1	8,554	46	314,625,256,017	1	67	46	559,776	1	488
2	8,918	47	462,746,548,600	2	46	47	338,092	2	562
3	780	48	141,965,792,856	3	80	48	417,290	3	560
4	3,192	49	65,783,614,821	4	19	49	298,748	4	681
5	1,470	50	636,289,416,724	5	96	50	462,702	5	608
6	3,999	51	734,063,860,772	6	58	51	569,161	6	4,963
7	3,808	52	216,967,927,517	7	77	52	276,345	7	4,923
8	624	53	584,821,840,896	8	32	53	504,210	8	5,015
9	4,420	54	489,596,037,120	9	49	54	105,991	9	5,876
10	2,310	55	571,705,463,417	10	15	55	595,186	10	6,269
11	189,210	56	121,400,025,560	11	383	56	811,334	11	62,245
12	51,786	57	555,262,021,632	12	933	57	317,737	12	43,806
13	340,816	58	316,540,203,868	13	933	58	252,399	13	57,928
14	512,924	59	138,288,704,219	14	140	59	222,570	14	65,593
15	102,573	60	186,780,521,970	15	737	60	659,298	15	58,536
16	124,002	61	8,220,083,269,248	16	974	61	3,269,170	16	1,185,866
17	83,333	62	10,989,360,045,732	17	577	62	1,251,431	17	1,099,264
18	145,914	63	49,245,583,925,800	18	917	63	8,148,912	18	1,151,840
19	248,216	64	6,250,331,417,211	19	224	64	2,416,072	19	315,452
20	127,743	65	33,072,504,907,704	20	514	65	6,535,248	20	196,206
21	36,607,332	66	59,639,846,390,204	21	3,250	66	9,998,396	21	12,022,088
22	3,001,232	67	21,284,769,757,013	22	9,808	67	6,281,505	22	12,326,965
23	48,639,752	68	11,566,587,857,890	23	5,036	68	2,986,895	23	11,140,285
24	28,377,216	69	6,706,844,880,005	24	8,410	69	4,038,700	24	5,200,278
25	33,492,400	70	28,887,346,671,732	25	8,481	70	4,073,806	25	2,264,968
26	32,443,575	71	53,069,243,504,765	26	1,518	71	9,016,217	26	103,921,417
27	57,741,044	72	8,892,763,552,050	27	8,270	72	1,893,457	27	94,397,686
28	21,836,850	73	15,699,041,317,212	28	2,768	73	4,167,450	28	107,518,889
29	8,793,072	74	7,024,274,960,976	29	5,233	74	9,048,687	29	31,039,118
30	13,065,312	75	13,680,711,354,240	30	6,539	75	7,113,703	30	37,842,748
31	2,726,948,416	76	1,403,962,248,902,208	31	49,089	76	49,007,322	31	1,075,002,889
32	5,461,063,300	77	5,121,370,000,927,980	32	88,075	77	67,147,203	32	1,148,672,874
33	4,555,358,150	78	3,167,428,221,115,120	33	93,117	78	42,722,807	33	1,228,128,014
34	460,085,508	79	4,049,734,687,725,925	34	26,495	79	56,444,500	34	517,119,006
35	3,702,563,552	80	529,609,441,484,162	35	72,679	80	80,755,104	35	187,553,732
36	934,100,514	81	672,424,065,878,600	36	12,580	81	15,059,001	36	12,013,390,532
37	7,358,662,332	82	1,006,723,238,783,917	37	95,544	82	91,052,783	37	11,126,126,821
38	3,874,521,392	83	310,430,490,842,466	38	20,539	83	22,423,618	38	10,678,504,137
39	2,307,588,062	84	4,780,755,274,248,096	39	68,914	84	79,000,772	39	3,464,460,386
40	2,412,545,949	85	781,596,862,438,700	40	88,559	85	80,797,563	40	2,401,088,586
41	6,117,737,652	86	1,785,913,922,343,724	41	48,673	86	73,036,267	41	120,700,000,785
42	2,515,723,070	87	2,254,673,846,333,844	42	81,136	87	11,119,111	42	145,804,185,583
43	3,152,079,837	88	1,897,610,068,989,465	43	46,833	88	88,754,239	43	114,808,853,923
44	6,129,073,440	89	1,426,140,079,968,483	44	77,599	89	85,942,590	44	18,461,624,022
45	6,153,697,377	90	1,949,418,297,379,300	45	14,877	90	77,938,431	45	21,816,419,606

TOKYO OPEN SOROBAN CONTEST 2024

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1	4,070	46	350,853,729,057	1	96	46	760,797	1	507
2	767	47	544,886,901,336	2	77	47	527,695	2	642
3	4,200	48	222,454,090,600	3	83	48	429,026	3	700
4	266	49	17,113,326,923	4	67	49	589,549	4	506
5	7,663	50	209,707,975,150	5	20	50	930,875	5	487
6	2,068	51	91,104,372,723	6	40	51	310,449	6	6,149
7	8,460	52	182,894,778,884	7	69	52	237,432	7	5,782
8	8,556	53	251,823,492,354	8	30	53	902,785	8	5,332
9	1,634	54	279,730,404,730	9	87	54	305,840	9	7,179
10	1,372	55	390,962,145,168	10	57	55	995,674	10	6,235
11	137,280	56	444,633,047,088	11	934	56	572,819	11	70,530
12	164,052	57	143,393,874,294	12	128	57	941,157	12	71,537
13	170,630	58	132,453,221,187	13	891	58	620,206	13	47,589
14	247,142	59	392,487,041,796	14	449	59	418,965	14	71,495
15	705,915	60	826,989,358,356	15	640	60	271,705	15	39,272
16	481,383	61	5,688,094,323,330	16	457	61	6,554,396	16	1,109,056
17	237,025	62	22,662,446,667,406	17	432	62	4,307,790	17	1,057,229
18	74,052	63	15,191,555,112,421	18	653	63	9,040,082	18	1,041,501
19	225,138	64	27,491,069,956,650	19	174	64	3,906,817	19	230,637
20	548,355	65	8,277,130,897,221	20	537	65	8,794,423	20	182,817
21	9,582,030	66	41,681,336,514,452	21	1,012	66	1,220,822	21	10,932,622
22	37,391,940	67	36,436,501,847,997	22	6,218	67	6,881,421	22	12,899,746
23	6,512,565	68	21,354,264,043,739	23	8,010	68	8,301,076	23	11,530,119
24	31,794,672	69	2,759,839,324,944	24	7,355	69	3,065,289	24	2,788,984
25	58,469,004	70	58,605,706,482,528	25	1,367	70	8,246,681	25	2,866,768
26	50,785,069	71	55,513,601,834,418	26	1,716	71	3,840,718	26	96,196,090
27	29,321,190	72	11,566,176,961,424	27	9,187	72	3,746,889	27	133,915,857
28	8,733,000	73	22,467,051,966,600	28	5,545	73	1,765,256	28	120,824,467
29	6,904,881	74	20,002,492,952,502	29	1,575	74	2,459,911	29	42,906,415
30	6,191,123	75	7,460,044,554,930	30	1,659	75	6,441,471	30	38,767,885
31	4,736,813,280	76	4,447,596,407,693,348	31	40,812	76	39,091,197	31	1,161,745,854
32	4,310,786,238	77	1,286,169,789,934,620	32	37,757	77	23,928,654	32	1,081,850,832
33	5,741,024,312	78	2,669,646,886,682,260	33	71,946	78	57,761,764	33	1,405,476,502
34	2,269,079,151	79	1,005,049,788,888,321	34	67,471	79	97,398,223	34	133,110,275
35	1,039,708,498	80	2,665,230,919,885,428	35	30,137	80	80,737,150	35	333,749,195
36	4,230,331,395	81	728,264,473,301,062	36	75,883	81	23,385,215	36	12,265,441,533
37	3,394,778,280	82	2,976,996,653,446,112	37	69,211	82	82,027,426	37	10,608,485,840
38	1,440,034,402	83	3,779,540,785,542,944	38	33,939	83	91,622,415	38	13,887,893,809
39	6,111,136,390	84	1,880,057,862,973,224	39	85,206	84	12,910,397	39	2,323,334,549
40	2,487,984,015	85	8,834,070,266,920,158	40	33,021	85	14,587,963	40	3,668,238,375
41	4,191,748,338	86	2,880,283,326,557,560	41	45,457	86	47,551,505	41	122,917,069,496
42	921,066,216	87	3,344,017,262,220,900	42	34,409	87	62,645,754	42	107,244,511,689
43	4,748,085,275	88	7,493,716,541,371,800	43	42,068	88	57,719,628	43	113,637,299,930
44	1,136,338,602	89	4,885,186,739,270,200	44	46,631	89	33,128,278	44	22,950,968,575
45	1,627,327,760	90	3,686,066,931,902,887	45	62,695	90	54,155,028	45	40,915,655,326

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1	5,488	46	124,086,706,770	1	23	46	861,717	1	431
2	1,144	47	306,423,465,786	2	99	47	288,299	2	463
3	2,960	48	108,174,507,180	3	28	48	425,607	3	573
4	1,960	49	79,420,986,580	4	57	49	630,262	4	618
5	4,081	50	242,222,785,944	5	44	50	546,795	5	499
6	5,733	51	56,391,123,906	6	68	51	318,187	6	5,686
7	3,990	52	589,314,536,447	7	73	52	215,497	7	4,963
8	3,264	53	115,507,945,260	8	22	53	617,056	8	4,882
9	2,166	54	251,183,342,397	9	55	54	691,918	9	4,884
10	855	55	327,932,927,520	10	86	55	858,797	10	4,559
11	78,166	56	174,272,169,235	11	229	56	558,424	11	67,409
12	329,478	57	142,109,145,464	12	182	57	340,343	12	61,405
13	216,000	58	353,201,858,100	13	364	58	686,838	13	60,221
14	125,832	59	162,685,861,309	14	410	59	676,390	14	53,537
15	213,012	60	116,606,798,074	15	785	60	324,550	15	64,316
16	171,351	61	11,642,077,982,212	16	697	61	5,850,178	16	1,363,321
17	276,848	62	48,134,917,167,908	17	740	62	3,459,867	17	910,403
18	640,428	63	26,969,690,937,750	18	610	63	6,719,194	18	1,055,219
19	630,300	64	16,215,316,246,116	19	284	64	9,608,828	19	343,188
20	656,447	65	56,081,884,082,363	20	215	65	3,512,622	20	320,268
21	10,884,110	66	3,067,913,794,800	21	3,393	66	1,266,720	21	11,293,647
22	20,231,064	67	5,211,445,035,300	22	1,062	67	5,089,423	22	10,831,276
23	20,870,542	68	86,183,404,406,000	23	2,266	68	1,476,378	23	9,308,368
24	8,693,796	69	24,799,903,654,136	24	4,300	69	4,152,060	24	3,256,626
25	73,804,196	70	15,010,562,512,080	25	9,330	70	4,751,100	25	2,338,279
26	37,411,239	71	41,048,802,182,880	26	3,383	71	9,116,477	26	104,543,730
27	3,744,900	72	27,007,274,380,019	27	2,515	72	5,801,981	27	97,304,486
28	23,424,440	73	8,201,278,578,864	28	7,000	73	4,817,739	28	106,376,793
29	11,572,925	74	33,658,993,262,574	29	4,368	74	8,273,660	29	38,688,989
30	18,008,485	75	13,181,036,508,158	30	8,559	75	2,674,055	30	29,653,524
31	5,235,353,058	76	1,472,815,504,454,100	31	77,132	76	41,940,389	31	1,084,119,532
32	4,173,780,244	77	1,795,295,290,213,754	32	15,728	77	52,720,477	32	1,058,162,498
33	1,131,842,474	78	6,719,596,163,307,357	33	82,245	78	78,961,543	33	1,087,400,355
34	1,543,210,785	79	6,923,782,753,469,555	34	77,517	79	88,858,317	34	370,468,248
35	8,046,411,432	80	1,753,204,465,291,608	35	26,268	80	66,452,329	35	232,710,421
36	5,345,226,400	81	1,818,549,294,370,848	36	71,500	81	33,227,687	36	10,406,251,833
37	5,004,845,594	82	3,057,835,647,631,821	37	64,637	82	23,131,983	37	11,586,663,166
38	3,235,571,598	83	6,939,150,830,680,948	38	81,598	83	83,980,062	38	11,532,342,679
39	1,764,721,574	84	1,112,369,997,137,027	39	66,451	84	42,414,164	39	3,488,870,527
40	4,571,274,890	85	2,878,405,298,513,300	40	86,435	85	32,320,388	40	3,376,100,802
41	2,225,196,128	86	2,120,705,014,873,386	41	53,889	86	46,185,308	41	109,079,050,935
42	948,040,016	87	2,646,712,847,230,153	42	61,895	87	96,915,031	42	122,773,416,757
43	1,354,645,864	88	1,551,871,412,106,900	43	14,623	88	47,044,673	43	97,734,724,979
44	1,420,835,500	89	6,143,239,577,968,308	44	15,172	89	31,490,087	44	44,263,068,158
45	4,056,234,259	90	2,528,976,981,115,950	45	85,029	90	73,744,907	45	32,157,260,557

TOKYO OPEN SOROBAN CONTEST 2024

【2024006】総合競技解答

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1	3,621	46	169,123,844,904	1	84	46	396,628	1	513
2	3,818	47	113,706,119,439	2	69	47	147,961	2	562
3	2,006	48	27,018,012,692	3	75	48	753,496	3	531
4	2,860	49	164,276,816,361	4	43	49	607,577	4	370
5	6,723	50	320,916,479,355	5	90	50	210,705	5	543
6	3,784	51	478,240,069,995	6	23	51	174,081	6	5,710
7	1,786	52	24,315,559,542	7	37	52	736,275	7	5,354
8	6,230	53	495,124,843,060	8	33	53	682,458	8	4,729
9	1,547	54	94,091,152,160	9	90	54	795,842	9	5,931
10	2,021	55	589,795,894,272	10	34	55	468,556	10	5,161
11	153,576	56	140,560,362,272	11	907	56	887,679	11	58,749
12	571,560	57	942,147,213,189	12	552	57	731,515	12	50,743
13	164,161	58	270,315,895,612	13	874	58	688,096	13	68,868
14	202,147	59	244,983,033,957	14	609	59	936,227	14	48,832
15	432,580	60	84,229,400,640	15	791	60	568,628	15	50,512
16	225,888	61	51,318,766,641,856	16	248	61	7,217,653	16	955,337
17	450,775	62	35,793,694,309,150	17	677	62	1,568,681	17	1,161,117
18	264,960	63	36,466,984,052,835	18	664	63	9,637,444	18	918,613
19	93,018	64	33,633,449,309,574	19	493	64	3,841,980	19	326,805
20	631,750	65	12,987,154,618,584	20	221	65	8,273,082	20	119,422
21	37,149,408	66	13,360,321,998,848	21	8,526	66	1,133,708	21	14,155,988
22	1,842,330	67	43,215,349,212,651	22	8,755	67	4,201,103	22	12,057,779
23	11,735,546	68	22,414,543,612,604	23	4,428	68	1,976,068	23	12,275,374
24	17,637,290	69	21,322,701,239,350	24	6,335	69	9,152,830	24	3,181,516
25	41,615,000	70	4,921,184,162,664	25	8,817	70	9,756,416	25	3,856,476
26	96,515,250	71	26,934,592,109,886	26	1,336	71	9,994,390	26	118,103,580
27	23,910,953	72	21,384,194,079,157	27	1,619	72	4,317,751	27	113,190,015
28	41,154,348	73	22,854,336,153,744	28	4,293	73	3,508,037	28	106,706,454
29	39,780,936	74	40,475,121,507,752	29	1,075	74	2,319,975	29	15,146,037
30	25,729,381	75	8,568,434,731,259	30	6,175	75	2,253,200	30	25,696,943
31	1,578,131,240	76	6,389,548,276,948,534	31	50,892	76	23,979,788	31	1,155,634,915
32	1,216,658,026	77	1,659,073,958,719,479	32	32,473	77	36,164,465	32	957,727,963
33	3,038,494,635	78	1,565,200,364,164,478	33	54,920	78	21,438,458	33	1,016,967,002
34	2,462,289,921	79	9,099,422,345,206,697	34	90,098	79	62,865,999	34	506,350,212
35	5,607,475,020	80	3,492,558,596,457,231	35	38,259	80	29,654,536	35	302,325,812
36	3,069,350,505	81	6,294,746,607,583,544	36	45,753	81	74,576,174	36	11,010,837,427
37	1,107,590,058	82	3,813,133,579,910,070	37	38,890	82	48,187,461	37	10,413,849,400
38	2,363,527,445	83	1,193,375,804,482,032	38	34,333	83	63,966,323	38	9,778,312,419
39	6,414,955,169	84	4,735,573,574,729,088	39	13,626	84	22,936,102	39	-166,852,084
40	755,410,690	85	1,764,714,444,556,818	40	65,190	85	94,014,686	40	3,499,112,536
41	5,569,186,696	86	5,524,156,985,616,738	41	26,608	86	26,649,067	41	133,628,622,393
42	2,838,900,595	87	1,201,900,584,034,512	42	20,751	87	33,856,604	42	114,403,993,953
43	4,315,356,184	88	2,657,203,308,599,310	43	54,861	88	85,314,570	43	131,888,614,512
44	1,233,431,243	89	519,378,328,819,284	44	44,818	89	27,586,156	44	40,356,517,216
45	295,520,656	90	1,862,818,738,922,790	45	52,435	90	51,447,302	45	26,718,530,312

TOKYO OPEN SOROBAN CONTEST 2024

【2024007】総合競技解答

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1	2,303	46	393,088,417,360	1	38	46	645,199	1	559
2	4,140	47	292,226,831,501	2	58	47	665,343	2	582
3	4,606	48	156,222,570,900	3	96	48	305,806	3	638
4	484	49	476,968,696,188	4	49	49	293,489	4	589
5	2,610	50	215,234,024,271	5	77	50	540,725	5	607
6	6,708	51	104,090,448,189	6	97	51	298,181	6	6,172
7	5,040	52	77,554,457,333	7	46	52	884,037	7	4,508
8	994	53	483,508,285,228	8	90	53	565,533	8	5,188
9	800	54	224,326,895,933	9	84	54	598,826	9	5,535
10	3,619	55	380,776,046,126	10	32	55	697,033	10	5,703
11	704,871	56	467,639,759,860	11	909	56	989,899	11	60,659
12	395,312	57	218,536,238,655	12	499	57	120,301	12	62,856
13	505,296	58	79,691,695,554	13	350	58	503,575	13	68,402
14	291,716	59	585,519,043,480	14	995	59	582,082	14	59,817
15	678,388	60	88,931,875,200	15	221	60	641,093	15	62,291
16	145,563	61	86,536,722,404,416	16	483	61	4,824,620	16	966,750
17	600,056	62	24,006,338,419,369	17	118	62	8,621,757	17	1,083,035
18	344,688	63	47,109,887,786,430	18	215	63	6,849,305	18	1,068,546
19	44,526	64	23,719,989,953,946	19	291	64	9,553,799	19	211,364
20	502,560	65	73,942,358,298,960	20	197	65	7,623,413	20	359,273
21	31,252,672	66	3,914,306,169,264	21	6,819	66	3,432,007	21	8,418,319
22	7,803,210	67	55,870,501,362,375	22	5,622	67	6,928,556	22	12,069,533
23	24,495,228	68	7,167,835,753,908	23	1,003	68	3,946,986	23	11,411,429
24	82,473,758	69	6,765,223,296,280	24	2,135	69	1,349,709	24	1,522,361
25	7,509,150	70	54,416,913,961,653	25	9,697	70	6,172,481	25	3,910,130
26	5,111,392	71	31,106,455,129,100	26	2,346	71	7,015,488	26	84,798,295
27	16,083,141	72	15,285,405,238,200	27	2,869	72	1,357,595	27	107,807,651
28	49,705,898	73	36,256,953,769,254	28	2,736	73	8,796,263	28	115,635,345
29	5,226,314	74	21,426,914,730,607	29	1,347	74	3,937,747	29	37,692,363
30	35,709,192	75	50,090,563,126,800	30	3,623	75	4,788,354	30	48,173,890
31	1,143,380,600	76	1,044,929,381,796,167	31	26,240	76	13,866,288	31	1,199,421,451
32	130,138,953	77	1,666,509,212,476,416	32	80,188	77	21,636,720	32	1,087,608,475
33	6,921,714,858	78	764,436,430,907,762	33	67,589	78	43,839,078	33	1,104,682,285
34	3,321,995,780	79	3,416,986,880,171,662	34	65,095	79	56,584,438	34	236,394,873
35	1,567,921,446	80	785,557,189,304,064	35	23,164	80	72,535,980	35	172,166,854
36	2,325,663,984	81	901,512,139,164,640	36	37,280	81	86,389,388	36	11,062,566,452
37	3,990,428,304	82	1,844,545,622,972,887	37	39,256	82	82,918,599	37	11,131,934,367
38	7,719,789,836	83	2,124,163,421,403,156	38	48,161	83	10,089,394	38	9,014,365,385
39	3,705,269,268	84	1,668,933,341,025,203	39	46,604	84	55,993,981	39	1,927,841,052
40	1,465,302,172	85	2,425,285,999,189,008	40	89,329	85	52,970,150	40	5,198,270,504
41	1,550,879,575	86	4,422,654,353,849,014	41	63,089	86	46,877,963	41	103,935,982,473
42	4,898,480,200	87	1,994,889,198,903,639	42	24,543	87	60,429,886	42	92,106,428,848
43	848,289,408	88	1,741,641,299,475,434	43	11,935	88	46,994,997	43	119,945,639,993
44	169,414,300	89	3,042,634,705,390,112	44	56,854	89	45,004,867	44	36,473,781,404
45	1,890,327,142	90	4,182,109,794,555,496	45	31,310	90	26,265,170	45	45,568,444,091

TOKYO OPEN SOROBAN CONTEST 2024

【2024008】総合競技解答

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1	2,244	46	613,923,546,769	1	33	46	653,182	1	503
2	342	47	157,065,462,450	2	79	47	926,227	2	462
3	3,248	48	363,309,651,990	3	99	48	278,823	3	557
4	3,796	49	70,527,659,460	4	45	49	846,770	4	432
5	2,668	50	350,798,122,240	5	76	50	355,935	5	601
6	4,717	51	146,840,014,236	6	27	51	976,064	6	5,862
7	1,584	52	295,549,069,452	7	32	52	339,093	7	4,891
8	4,550	53	21,572,148,864	8	70	53	101,151	8	7,486
9	924	54	933,759,441,978	9	25	54	721,682	9	5,424
10	3,850	55	179,324,241,118	10	45	55	813,321	10	5,185
11	350,612	56	898,598,917,728	11	589	56	301,900	11	71,237
12	698,815	57	191,798,750,139	12	522	57	920,413	12	49,436
13	178,308	58	185,976,304,904	13	247	58	154,404	13	47,983
14	277,178	59	486,013,792,304	14	376	59	208,544	14	58,073
15	279,668	60	443,400,691,437	15	451	60	152,796	15	59,376
16	281,681	61	12,677,779,013,658	16	975	61	4,217,652	16	921,566
17	362,304	62	39,292,453,720,408	17	249	62	8,363,831	17	945,800
18	283,318	63	13,127,566,036,942	18	886	63	8,792,554	18	1,016,226
19	77,616	64	40,963,704,990,635	19	807	64	5,218,433	19	322,721
20	332,239	65	4,910,274,698,820	20	817	65	2,775,742	20	249,210
21	29,442,774	66	7,033,695,879,826	21	5,276	66	5,296,054	21	10,757,140
22	74,385,540	67	49,522,925,499,453	22	7,349	67	7,927,592	22	11,361,589
23	5,496,057	68	42,473,302,577,370	23	8,461	68	3,046,685	23	11,045,101
24	5,743,049	69	10,772,256,371,640	24	1,587	69	1,883,107	24	4,847,059
25	14,783,384	70	8,291,248,827,228	25	4,791	70	6,825,384	25	3,121,371
26	14,756,640	71	26,862,913,914,792	26	8,951	71	3,186,511	26	121,625,176
27	39,766,890	72	70,305,775,259,020	27	7,635	72	7,441,134	27	137,964,213
28	15,716,000	73	38,597,170,671,735	28	8,659	73	4,039,397	28	118,733,775
29	29,314,038	74	33,131,028,451,840	29	3,076	74	7,453,331	29	34,285,475
30	44,599,680	75	6,317,666,303,170	30	5,663	75	3,710,303	30	45,108,541
31	813,030,440	76	2,561,642,017,775,925	31	39,335	76	64,360,956	31	1,118,685,252
32	5,358,027,646	77	1,138,717,539,181,040	32	48,854	77	41,140,690	32	1,251,573,493
33	743,757,611	78	7,004,226,377,117,392	33	67,259	78	20,415,847	33	1,131,664,709
34	2,852,931,840	79	3,156,929,791,961,848	34	68,876	79	57,363,115	34	281,865,914
35	2,103,546,347	80	1,290,291,250,177,804	35	93,559	80	58,916,796	35	359,950,254
36	324,107,346	81	592,945,362,563,788	36	49,382	81	80,204,337	36	9,792,419,741
37	1,473,366,888	82	6,148,159,405,968,862	37	65,132	82	45,249,495	37	11,286,004,616
38	666,559,465	83	7,863,144,544,334,424	38	15,326	83	52,115,586	38	10,097,049,623
39	1,362,746,852	84	1,602,100,722,380,765	39	89,660	84	89,416,091	39	3,241,157,257
40	561,211,651	85	3,119,038,139,209,032	40	98,671	85	64,751,302	40	3,794,786,766
41	3,323,095,096	86	6,306,314,941,889,224	41	74,390	86	19,280,205	41	126,813,022,389
42	2,585,049,720	87	1,190,202,527,923,776	42	65,572	87	91,799,650	42	114,910,365,639
43	1,723,713,028	88	3,303,558,335,628,777	43	27,757	88	68,407,282	43	104,221,482,593
44	775,966,212	89	5,460,008,091,309,234	44	98,774	89	61,824,771	44	36,828,825,858
45	4,953,690,284	90	680,268,489,397,060	45	65,496	90	43,405,257	45	45,413,625,449

TOKYO OPEN SOROBAN CONTEST 2024

【2024009】総合競技解答

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1	1,581	46	184,067,709,696	1	16	46	539,706	1	631
2	1,470	47	514,266,049,682	2	17	47	196,405	2	605
3	3,468	48	43,947,283,224	3	72	48	593,086	3	834
4	3,456	49	920,585,398,191	4	88	49	586,403	4	668
5	880	50	298,613,044,440	5	22	50	944,099	5	593
6	3,172	51	60,805,629,441	6	82	51	287,712	6	4,954
7	9,310	52	445,797,431,034	7	85	52	826,440	7	5,892
8	5,246	53	335,777,161,500	8	89	53	290,674	8	5,895
9	1,176	54	90,543,246,374	9	39	54	629,593	9	6,087
10	1,080	55	211,024,585,120	10	34	55	511,082	10	6,153
11	251,433	56	573,187,396,870	11	646	56	787,544	11	49,542
12	121,635	57	491,907,993,920	12	766	57	346,418	12	52,200
13	592,509	58	87,230,321,060	13	925	58	467,923	13	55,202
14	814,602	59	600,807,725,784	14	901	59	324,232	14	53,716
15	493,107	60	392,639,591,120	15	917	60	416,105	15	60,328
16	294,711	61	37,744,854,948,994	16	769	61	8,246,648	16	1,045,441
17	452,089	62	42,498,963,863,668	17	298	62	4,255,969	17	1,193,595
18	660,790	63	48,780,887,175,108	18	972	63	2,229,843	18	1,070,955
19	446,400	64	45,677,344,629,837	19	730	64	6,922,919	19	392,207
20	68,474	65	35,196,988,486,494	20	306	65	2,764,831	20	379,191
21	6,392,997	66	13,383,558,816,305	21	1,314	66	6,009,465	21	12,587,013
22	6,600,858	67	16,069,871,094,975	22	3,401	67	7,484,049	22	10,099,761
23	37,730,264	68	4,436,180,350,368	23	5,761	68	1,465,043	23	10,572,490
24	16,262,568	69	40,737,378,339,061	24	4,243	69	4,346,986	24	2,813,502
25	29,653,208	70	27,043,010,087,874	25	7,431	70	5,293,283	25	3,440,980
26	31,754,656	71	31,020,160,103,056	26	8,518	71	8,937,977	26	124,397,130
27	8,948,674	72	91,021,421,164,470	27	6,209	72	6,337,518	27	119,330,865
28	14,483,660	73	47,401,792,019,072	28	5,290	73	1,158,608	28	99,092,858
29	7,595,175	74	10,075,600,008,504	29	5,799	74	5,388,408	29	50,877,451
30	11,149,012	75	10,573,222,756,122	30	8,007	75	4,403,846	30	22,679,069
31	1,801,253,513	76	3,194,321,000,345,500	31	73,822	76	57,427,355	31	1,195,542,852
32	9,012,676,970	77	1,824,320,343,285,170	32	31,100	77	84,669,141	32	1,175,493,715
33	5,647,243,464	78	4,788,614,286,252,912	33	89,303	78	33,810,989	33	1,099,498,451
34	2,692,630,483	79	6,027,959,595,734,910	34	40,264	79	90,317,938	34	341,044,102
35	595,336,600	80	542,715,528,326,744	35	95,857	80	34,517,316	35	268,463,758
36	1,758,618,816	81	3,905,015,603,499,756	36	90,965	81	68,247,170	36	9,232,420,932
37	7,021,870,830	82	2,688,479,004,556,208	37	49,104	82	52,376,535	37	11,650,202,455
38	1,306,203,633	83	4,436,757,666,172,082	38	71,323	83	10,210,867	38	9,992,217,059
39	1,823,966,992	84	361,552,094,456,565	39	42,174	84	12,565,317	39	3,699,253,019
40	1,021,810,738	85	240,430,462,365,717	40	24,064	85	54,288,242	40	3,358,684,854
41	1,603,329,846	86	1,142,622,903,430,449	41	27,613	86	20,125,309	41	124,718,589,986
42	6,065,544,040	87	1,087,457,154,389,355	42	86,201	87	17,082,502	42	118,432,999,206
43	4,023,085,561	88	2,644,014,013,384,905	43	83,253	88	32,661,941	43	104,268,579,653
44	4,650,417,308	89	1,734,948,246,024,576	44	85,631	89	21,501,805	44	37,820,225,191
45	2,882,400,108	90	1,135,905,064,844,308	45	75,499	90	28,891,816	45	31,127,994,545

TOKYO OPEN SOROBAN CONTEST 2024

【2024010】総合競技解答

×算				÷算				見取算	
1	2,024	46	678,635,238,000	1	82	46	990,595	1	535
2	377	47	96,933,172,798	2	38	47	381,822	2	510
3	455	48	353,658,099,270	3	29	48	365,196	3	522
4	1,540	49	56,333,083,111	4	98	49	512,102	4	591
5	2,592	50	40,423,353,348	5	16	50	147,406	5	508
6	5,632	51	162,828,583,892	6	58	51	330,928	6	5,497
7	2,310	52	280,275,191,174	7	41	52	240,921	7	6,466
8	624	53	177,665,384,229	8	34	53	422,321	8	5,062
9	1,220	54	219,015,867,272	9	61	54	946,052	9	6,060
10	705	55	369,943,450,162	10	33	55	618,073	10	5,648
11	194,040	56	658,885,576,440	11	776	56	134,187	11	59,942
12	79,076	57	229,178,926,228	12	283	57	335,414	12	69,860
13	299,990	58	376,761,411,292	13	738	58	936,554	13	57,825
14	219,760	59	315,735,061,602	14	848	59	940,914	14	56,408
15	317,602	60	200,714,098,815	15	205	60	635,438	15	51,632
16	120,560	61	68,881,989,470,568	16	793	61	9,708,260	16	935,748
17	299,026	62	27,449,342,260,032	17	848	62	5,592,018	17	1,046,388
18	477,543	63	22,973,743,178,876	18	551	63	1,684,358	18	1,194,322
19	200,991	64	27,880,504,053,780	19	501	64	6,287,068	19	254,875
20	124,025	65	32,374,281,919,016	20	655	65	8,818,115	20	450,224
21	23,733,285	66	18,197,198,367,462	21	1,180	66	6,857,937	21	10,718,301
22	9,493,848	67	8,026,969,704,999	22	9,309	67	3,372,745	22	8,507,082
23	26,197,092	68	10,588,177,657,910	23	7,691	68	3,385,339	23	12,139,290
24	83,130,012	69	58,526,744,216,945	24	1,812	69	5,783,211	24	2,439,102
25	8,251,547	70	17,623,807,107,585	25	7,364	70	4,187,085	25	3,731,651
26	9,732,534	71	23,135,316,978,408	26	7,397	71	5,723,420	26	113,408,627
27	38,638,248	72	45,611,490,225,600	27	8,360	72	4,240,018	27	120,863,908
28	17,823,900	73	83,686,811,050,244	28	5,052	73	8,031,212	28	101,017,843
29	13,438,992	74	8,353,555,861,329	29	2,897	74	1,638,337	29	40,273,863
30	49,795,920	75	29,236,992,343,621	30	6,354	75	3,589,739	30	28,605,735
31	5,611,192,746	76	2,273,768,467,754,032	31	97,631	76	14,192,747	31	860,722,288
32	3,377,727,842	77	6,300,574,364,242,416	32	98,688	77	52,825,616	32	1,131,690,195
33	5,309,333,532	78	7,148,809,484,561,904	33	14,994	78	23,131,708	33	1,246,457,842
34	2,529,774,093	79	1,092,257,549,224,470	34	56,871	79	47,080,658	34	508,833,252
35	1,249,101,414	80	3,549,170,014,510,284	35	75,115	80	13,164,762	35	411,979,309
36	943,728,324	81	2,848,323,368,797,499	36	99,577	81	97,655,918	36	12,021,993,791
37	3,002,082,772	82	3,517,782,020,081,340	37	52,653	82	30,983,699	37	10,586,695,478
38	2,672,965,484	83	995,197,339,541,703	38	28,714	83	34,112,795	38	9,805,213,055
39	1,669,414,318	84	2,509,937,988,329,536	39	96,993	84	75,975,356	39	3,462,232,465
40	2,092,504,024	85	1,003,298,172,725,259	40	42,370	85	46,574,651	40	4,058,806,274
41	4,107,822,096	86	2,880,949,515,489,214	41	90,488	86	92,498,992	41	105,663,740,434
42	1,560,960,191	87	757,428,662,008,320	42	94,533	87	58,808,650	42	109,609,483,640
43	5,746,057,596	88	1,504,314,952,243,200	43	86,697	88	12,474,254	43	116,692,252,831
44	3,593,988,225	89	5,150,249,658,570,512	44	33,743	89	73,442,148	44	18,785,584,407
45	2,122,185,600	90	2,946,170,868,438,920	45	42,939	90	94,607,144	45	50,722,914,004