Soroban Technology Lab

① Concours national japonais d'anzan Calcul mental : multiplication (5 min)

N°		Nom	
Date			

5 points ×	Bonnes réponses		= Score	

		○ ×			○ ×			○ ×			○ ×
1	10 × 7 =		31	412 × 5 =		61	14 × 64 =		91	956 × 675 =	
2	76 × 2 =		32	869 × 4 =		62	93 × 70 =		92	417 × 207 =	
3	80 × 6 =		33	903 × 8 =		63	38 × 36 =		93	392 × 150 =	
4	69 × 8 =		34	726 × 3 =		64	67 × 27 =		94	124 × 209 =	
5	32 × 9 =		35	104 × 6 =		65	86 × 59 =		95	730 × 584 =	
6	58 × 3 =		36	241 × 2 =		66	59 × 90 =		96	503 × 362 =	
7	20 × 9 =		37	537 × 7 =		67	41 × 82 =		97	689 × 438 =	
8	43 × 7 =		38	680 × 2 =		68	20 × 31 =		98	275 × 943 =	
9	97 × 5 =		39	395 × 5 =		69	75 × 48 =		99	861 × 816 =	
10	15 × 4 =		40	758 × 9 =		70	20 × 15 =		100	408 × 791 =	
11	41 × 8 =		41	182 × 7 =		71	12 × 906 =		101	163 × 348 =	
12	72 × 7 =		42	450 × 9 =		72	786 × 47 =		102	482 × 581 =	
13	27 × 5 =		43	834 × 2 =		73	35 × 348 =		103	214 × 612 =	
14	65 × 4 =		44	368 × 4 =		74	427 × 25 =		104	796 × 273 =	
15	58 × 2 =		45	706 × 3 =		75	294 × 52 =		105	527 × 460 =	
16	46 × 3 =		46	617 × 6 =		76	69 × 781 =		106	738 × 137 =	
17	81 × 2 =		47	543 × 3 =		77	103 × 80 =		107	651 × 906 =	
18	19 × 3 =		48	975 × 2 =		78	51 × 654 =		108	805 × 705 =	
19	34 × 9 =		49	209 × 5 =		79	80 × 123 =		109	940 × 859 =	
20	93 × 6 =		50	921 × 8 =		80	908 × 39 =		110	309 × 294 =	
21	54 × 8 =		51	61 × 58 =		81	842 × 62 =		111	8,649 × 192 =	
22	67 × 6 =		52	54 × 13 =		82	26 × 701 =		112	3,164 × 580 =	
23	19 × 9 =		53	25 × 31 =		83	659 × 30 =		113	201 × 9,604 =	
24	32 × 5 =		54	10 × 25 =		84	91 × 918 =		114	607 × 2,769 =	
25	46 × 2 =		55	73 × 47 =		85	173 × 54 =		115	4,758 × 317 =	
26	78 × 6 =		56	80 × 86 =		86	705 × 63 =		116	732 × 4,238 =	
27	28 × 7 =		57	92 × 79 =		87	38 × 179 =		117	5,320 × 3,476 =	
28	81 × 8 =		58	48 × 60 =		88	560 × 46 =		118	9,253 × 6,903 =	
29	93 × 4 =		59	37 × 92 =		89	34 × 837 =		119	4,916 × 7,581 =	
30	15 × 3 =		60	96 × 40 =		90	47 × 205 =		120	1,805 × 8,015 =	

Soroban Technology Lab

② Concours national japonais d'anzan Calcul mental : division (5 min)

N°		Nom	
Date			

5 points ×	Bonnes réponses		= Score	

		○ ×
1	384 ÷ 4 =	
2	518 ÷ 7 =	
3	90 ÷ 9 =	
4	228 ÷ 6 =	
5	60 ÷ 3 =	
6	375 ÷ 5 =	
7	416 ÷ 8 =	
8	301 ÷ 7 =	
9	356 ÷ 4 =	
10	120 ÷ 2 =	
11	752 ÷ 8 =	
12	30 ÷ 2 =	
13	285 ÷ 5 =	
14	252 ÷ 3 =	
15	168 ÷ 4 =	
16	574 ÷ 7 =	
17	284 ÷ 4 =	
18	234 ÷ 6 =	
19	567 ÷ 9 =	
20	156 ÷ 6 =	
21	156 ÷ 3 =	
22	50 ÷ 2 =	
23	609 ÷ 7 =	
24	128 ÷ 2 =	
25	608 ÷ 8 =	
26	60 ÷ 5 =	
27	140 ÷ 4 =	
28	117 ÷ 9 =	
29	588 ÷ 6 =	
30	392 ÷ 8 =	

		○ ×
31	7,209 ÷ 9 =	
32	1,056 ÷ 8 =	
33	2,096 ÷ 4 =	
34	2,145 ÷ 3 =	
35	2,842 ÷ 7 =	
36	1,340 ÷ 5 =	
37	1,388 ÷ 4 =	
38	1,186 ÷ 2 =	
39	5,874 ÷ 6 =	
40	5,440 ÷ 8 =	
41	897 ÷ 3 =	
42	2,700 ÷ 4 =	
43	294 ÷ 2 =	
44	1,308 ÷ 3 =	
45	992 ÷ 8 =	
46	6,372 ÷ 9 =	
47	1,750 ÷ 5 =	
48	8,847 ÷ 9 =	
49	3,514 ÷ 7 =	
50	5,166 ÷ 6 =	
51	966 ÷ 46 =	
52	5,040 ÷ 90 =	
53	5,005 ÷ 77 =	
54	3,255 ÷ 35 =	
55	1,176 ÷ 28 =	
56	4,240 ÷ 53 =	
57	2,496 ÷ 64 =	
58	740 ÷ 10 =	
59	1,513 ÷ 89 =	
60	1,680 ÷ 21 =	

		○ ×
61	1,406 ÷ 38 =	
62	2,460 ÷ 60 =	
63	7,298 ÷ 82 =	
64	750 ÷ 30 =	
65	4,088 ÷ 56 =	
66	6,000 ÷ 75 =	
67	3,936 ÷ 41 =	
68	238 ÷ 17 =	
69	5,640 ÷ 94 =	
70	1,508 ÷ 29 =	
71	34,030 ÷ 83 =	
72	29,952 ÷ 576 =	
73	41,296 ÷ 464 =	
74	3,648 ÷ 12 =	
75	55,327 ÷ 907 =	
76	12,720 ÷ 795 =	
77	19,840 ÷ 80 =	
78	14,994 ÷ 238 =	
79	28,117 ÷ 31 =	
80	50,715 ÷ 69 =	
81	13,419 ÷ 71 =	
82	87,168 ÷ 96 =	
83	21,502 ÷ 827 =	
84	19,646 ÷ 209 =	
85	28,140 ÷ 42 =	
86	43,488 ÷ 604 =	
87	29,700 ÷ 540 =	
88	6,345 ÷ 15 =	
89	13,566 ÷ 38 =	
90	12,393 ÷ 153 =	

		○ ×
91	309,281 ÷ 791 =	
92	256,320 ÷ 356 =	
93	538,083 ÷ 819 =	
94	31,684 ÷ 178 =	
95	159,296 ÷ 524 =	
96	675,284 ÷ 802 =	
97	549,082 ÷ 937 =	
98	49,200 ÷ 240 =	
99	611,135 ÷ 665 =	
100	186,589 ÷ 403 =	
101	302,157 ÷ 589 =	
102	394,450 ÷ 490 =	
103	697,344 ÷ 908 =	
104	704,808 ÷ 753 =	
105	57,620 ÷ 335 =	
106	213,344 ÷ 226 =	
107	308,448 ÷ 864 =	
108	143,112 ÷ 712 =	
109	274,989 ÷ 641 =	
110	72,760 ÷ 107 =	
111	3,244,788 ÷ 692 =	
112	5,187,312 ÷ 5,304 =	
113	3,360,984 ÷ 957 =	
114	1,637,496 ÷ 3,249 =	
115	4,721,145 ÷ 781 =	
116	375,620 ÷ 2,683 =	
117	71,478,336 ÷ 8,616 =	
118	24,178,740 ÷ 4,740 =	
119	65,943,615 ÷ 9,005 =	
120	4,161,186 ÷ 1,578 =	

Soroban Technology Lab

③ Concours national japonais d'anzan Calcul mental : addition et soustraction (5 min)

N°		Nom	
Date			

10 points ×	Bonnes réponses		= Score	

N°	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	5	9	5	8	7	8	6	3	6	6	1	7	2	7	28	1	50	57	85	84
2	1	7	8	9	2	7	5	5	7	1	9	60	84	2	37	7	6	6	1	3
3	8	2	9	7	4	3	9	6	5	2	84	2	1	90	5	6	7	9	20	1
4	9	3	4	6	9	4	7	1	3	3	30	43	5	13	4	84	93	38	4	9
5	6	8	3	1	3	1	3	8	1	5	6	5	93	6	6	30	85	4	7	6
6																9	1	2	98	20
7																25	4	70	3	78
Total																				

N°	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	54	99	90	49	10	41	13	28	25	26	30	312	917	98	65
2	22	20	18	57	76	30	65	13	90	82	576	248	63	602	43
3	10	58	84	70	24	82	48	90	36	40	714	84	705	76	974
4	38	62	10	85	60	75	−97	74	−41	19	−63	675	239	309	−52
5	60	40	25	24	91	96	20	25	−87	35	−29	10	−84	51	−61
6	95	15	63	93	53	39	69	41	98	16	80	93	−621	84	830
7	47	37	97	61	87	50	84	52	62	50	352	60	40	420	594
8						16	−51	60	74	78	647	837	96	69	−89
9						27	−70	37	−13	93	−95	529	−73	835	206
10						48	32	89	50	24	801	41	158	217	317
Total															

N°	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	415	361	601	495	733	325	376	5,638	4,587	632	4,290	1,342	3,624	7,895	2,701
2	707	998	398	802	592	804	3,215	512	325	2,317	1,372	6,798	7,103	3,214	5,473
3	695	212	712	−676	616	3,347	4,190	−470	104	4,199	8,451	2,105	8,759	−2,830	6,086
4	183	407	537	−130	308	−511	856	9,631	7,683	−805	3,020	−6,630	1,162	−7,549	2,759
5	840	716	261	394	829	8,286	507	185	539	7,656	9,685	8,857	5,503	6,018	1,834
6	356	−358	450	815	174	9,760	7,238	−278	9,248	3,741	7,734	4,912	3,478	1,620	3,142
7	529	504	908	127	450	−452	9,614	−6,049	760	208	6,219	−9,057	2,946	−4,953	7,065
8	708	−840	876	−269	985	−918	982	983	813	−462	5,908	−3,804	6,850	5,782	9,928
9	234	−623	394	583	720	4,039	5,041	4,520	1,492	−980	7,856	7,491	4,087	9,467	8,650
10	961	179	512	740	631	5,672	763	1,367	5,076	1,573	2,143	5,623	9,231	8,301	4,317
Total															

N°	51	52	53	54	55	56	57	58	59	60
1	98,627	59,875	34,286	30,744	50,586	33,470	61,495	67,891	351,083	994,370
2	35,374	78,343	82,343	82,319	−6,231	52,618	72,023	51,314	967,642	610,538
3	−8,268	6,210	−9,071	5,970	−20,789	24,862	19,804	90,205	195,020	126,757
4	−19,904	87,932	−5,615	9,836	4,146	30,755	−53,671	78,436	−757,486	948,518
5	6,020	96,011	67,884	4,165	78,532	91,093	−96,910	35,189	−139,324	463,902
6	65,187	5,498	20,970	42,970	9,603	67,814	77,483	42,607	518,967	548,693
7	7,473	3,665	5,431	8,002	7,098	13,522	16,205	81,973	452,208	801,725
8	1,595	2,407	6,269	13,657	1,425	84,906	48,542	26,540	606,814	760,261
9	−42,936	7,124	−9,758	1,423	−32,864	40,157	−80,739	73,962	−240,739	379,044
10	8,012	39,085	41,320	76,598	95,710	76,389	21,356	14,058	873,195	235,189
Total										

Corrigé Concours national japonais d'anzan

Calcul mental : multiplication

1	70	25	92	49	1,045	73	12,180	97	301,782
2	152	26	468	50	7,368	74	10,675	98	259,325
3	480	27	196	51	3,538	75	15,288	99	702,576
4	552	28	648	52	702	76	53,889	100	322,728
5	288	29	372	53	775	77	8,240	101	56,724
6	174	30	45	54	250	78	33,354	102	280,042
7	180	31	2,060	55	3,431	79	9,840	103	130,968
8	301	32	3,476	56	6,880	80	35,412	104	217,308
9	485	33	7,224	57	7,268	81	52,204	105	242,420
10	60	34	2,178	58	2,880	82	18,226	106	101,106
11	328	35	624	59	3,404	83	19,770	107	589,806
12	504	36	482	60	3,840	84	83,538	108	567,525
13	135	37	3,759	61	896	85	9,342	109	807,460
14	260	38	1,360	62	6,510	86	44,415	110	90,846
15	116	39	1,975	63	1,368	87	6,802	111	1,660,608
16	138	40	6,822	64	1,809	88	25,760	112	1,835,120
17	162	41	1,274	65	5,074	89	28,458	113	1,930,404
18	57	42	4,050	66	5,310	90	9,635	114	1,680,783
19	306	43	1,668	67	3,362	91	645,300	115	1,508,286
20	558	44	1,472	68	620	92	86,319	116	3,102,216
21	432	45	2,118	69	3,600	93	58,800	117	18,492,320
22	402	46	3,702	70	300	94	25,916	118	63,873,459
23	171	47	1,629	71	10,872	95	426,320	119	37,268,196
24	160	48	1,950	72	36,942	96	182,086	120	14,467,075

Calcul mental : division

1	96	25	76	49	502	73	89	97	586
2	74	26	12	50	861	74	304	98	205
3	10	27	35	51	21	75	61	99	919
4	38	28	13	52	56	76	16	100	463
5	20	29	98	53	65	77	248	101	513
6	75	30	49	54	93	78	63	102	805
7	52	31	801	55	42	79	907	103	768
8	43	32	132	56	80	80	735	104	936
9	89	33	524	57	39	81	189	105	172
10	60	34	715	58	74	82	908	106	944
11	94	35	406	59	17	83	26	107	357
12	15	36	268	60	80	84	94	108	201
13	57	37	347	61	37	85	670	109	429
14	84	38	593	62	41	86	72	110	680
15	42	39	979	63	89	87	55	111	4,689
16	82	40	680	64	25	88	423	112	978
17	71	41	299	65	73	89	357	113	3,512
18	39	42	675	66	80	90	81	114	504
19	63	43	147	67	96	91	391	115	6,045
20	26	44	436	68	14	92	720	116	140
21	52	45	124	69	60	93	657	117	8,296
22	25	46	708	70	52	94	178	118	5,101
23	87	47	350	71	410	95	304	119	7,323
24	64	48	983	72	52	96	842	120	2,637

Corrigé Concours national japonais d'anzan

Calcul mental : addition et soustraction

1	29	13	185	25	401	37	1,556	49	26,965
2	29	14	118	26	504	38	5,649	50	51,955
3	29	15	80	27	113	39	2,881	51	151,180
4	31	16	162	28	509	40	6,038	52	386,150
5	25	17	246	29	294	41	30,352	53	234,059
6	23	18	186	30	463	42	32,782	54	275,684
7	30	19	218	31	3,013	43	16,039	55	187,216
8	23	20	201	32	2,889	44	30,627	56	515,586
9	22	21	326	33	1,440	45	18,079	57	85,588
10	17	22	331	34	2,761	46	56,678	58	562,175
11	130	23	387	35	2,827	47	17,637	59	2,827,380
12	117	24	439	36	5,628	48	52,743	60	5,868,997