

Soroban Technology Lab

① All Japan Anzan Contest Mental Multiplication (5 min)

No.		Name	
Date			
5 points ×	Number correct	= Score	

1	$10 \times 7 =$	○ ×
2	$76 \times 2 =$	
3	$80 \times 6 =$	
4	$69 \times 8 =$	
5	$32 \times 9 =$	
6	$58 \times 3 =$	
7	$20 \times 9 =$	
8	$43 \times 7 =$	
9	$97 \times 5 =$	
10	$15 \times 4 =$	
11	$41 \times 8 =$	
12	$72 \times 7 =$	
13	$27 \times 5 =$	
14	$65 \times 4 =$	
15	$58 \times 2 =$	
16	$46 \times 3 =$	
17	$81 \times 2 =$	
18	$19 \times 3 =$	
19	$34 \times 9 =$	
20	$93 \times 6 =$	
21	$54 \times 8 =$	
22	$67 \times 6 =$	
23	$19 \times 9 =$	
24	$32 \times 5 =$	
25	$46 \times 2 =$	
26	$78 \times 6 =$	
27	$28 \times 7 =$	
28	$81 \times 8 =$	
29	$93 \times 4 =$	
30	$15 \times 3 =$	

31	$412 \times 5 =$	○ ×
32	$869 \times 4 =$	
33	$903 \times 8 =$	
34	$726 \times 3 =$	
35	$104 \times 6 =$	
36	$241 \times 2 =$	
37	$537 \times 7 =$	
38	$680 \times 2 =$	
39	$395 \times 5 =$	
40	$758 \times 9 =$	
41	$182 \times 7 =$	
42	$450 \times 9 =$	
43	$834 \times 2 =$	
44	$368 \times 4 =$	
45	$706 \times 3 =$	
46	$617 \times 6 =$	
47	$543 \times 3 =$	
48	$975 \times 2 =$	
49	$209 \times 5 =$	
50	$921 \times 8 =$	
51	$61 \times 58 =$	
52	$54 \times 13 =$	
53	$25 \times 31 =$	
54	$10 \times 25 =$	
55	$73 \times 47 =$	
56	$80 \times 86 =$	
57	$92 \times 79 =$	
58	$48 \times 60 =$	
59	$37 \times 92 =$	
60	$96 \times 40 =$	

61	$14 \times 64 =$	○ ×
62	$93 \times 70 =$	
63	$38 \times 36 =$	
64	$67 \times 27 =$	
65	$86 \times 59 =$	
66	$59 \times 90 =$	
67	$41 \times 82 =$	
68	$20 \times 31 =$	
69	$75 \times 48 =$	
70	$20 \times 15 =$	
71	$12 \times 906 =$	
72	$786 \times 47 =$	
73	$35 \times 348 =$	
74	$427 \times 25 =$	
75	$294 \times 52 =$	
76	$69 \times 781 =$	
77	$103 \times 80 =$	
78	$51 \times 654 =$	
79	$80 \times 123 =$	
80	$908 \times 39 =$	
81	$842 \times 62 =$	
82	$26 \times 701 =$	
83	$659 \times 30 =$	
84	$91 \times 918 =$	
85	$173 \times 54 =$	
86	$705 \times 63 =$	
87	$38 \times 179 =$	
88	$560 \times 46 =$	
89	$34 \times 837 =$	
90	$47 \times 205 =$	

91	$956 \times 675 =$	○ ×
92	$417 \times 207 =$	
93	$392 \times 150 =$	
94	$124 \times 209 =$	
95	$730 \times 584 =$	
96	$503 \times 362 =$	
97	$689 \times 438 =$	
98	$275 \times 943 =$	
99	$861 \times 816 =$	
100	$408 \times 791 =$	
101	$163 \times 348 =$	
102	$482 \times 581 =$	
103	$214 \times 612 =$	
104	$796 \times 273 =$	
105	$527 \times 460 =$	
106	$738 \times 137 =$	
107	$651 \times 906 =$	
108	$805 \times 705 =$	
109	$940 \times 859 =$	
110	$309 \times 294 =$	
111	$8,649 \times 192 =$	
112	$3,164 \times 580 =$	
113	$201 \times 9,604 =$	
114	$607 \times 2,769 =$	
115	$4,758 \times 317 =$	
116	$732 \times 4,238 =$	
117	$5,320 \times 3,476 =$	
118	$9,253 \times 6,903 =$	
119	$4,916 \times 7,581 =$	
120	$1,805 \times 8,015 =$	

Soroban Technology Lab

② All Japan Anzan Contest Mental Division (5 min)

No.		Name	
Date			
5 points ×	Number correct		= Score

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

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

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

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

Soroban Technology Lab

③ All Japan Anzan Contest Mental Sums (5 min)

No.		Name	
Date			
10 points ×	Number correct		= Score

No.	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	/	7	2	7	28	/	50	57	85	84
2	/	7	8	9	2	7	5	5	7	/	9	60	84	2	37	7	6	6	/	3
3	8	2	9	7	4	3	9	6	5	2	84	2	/	90	5	6	7	9	20	/
4	9	3	4	6	9	4	7	/	3	3	30	43	5	13	4	84	93	38	4	9
5	6	8	3	/	3	/	3	8	/	5	6	5	93	6	6	30	85	4	7	6
6																9	/	2	98	20
7																25	4	70	3	78
Sum																				

No.	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
Sum															

No.	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
Sum															

No.	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	54,98	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	71,24	-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
Sum										

Answers All Japan Anzan Contest

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

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

Answers All Japan Anzan Contest

Mental Sums

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