Soroban Technology Lab

① All Japan Anzan Contest Mental Multiplication (5 min)

No.		Name	
Date			

5 points ×	Number correct		= Score	

		○ ×
1	30 × 7 =	
2	26 × 9 =	
3	83 × 4 =	
4	25 × 7 =	
5	50 × 8 =	
6	69 × 2 =	
7	90 × 5 =	
8	42 × 3 =	
9	71 × 9 =	
10	14 × 6 =	
11	61 × 9 =	
12	22 × 6 =	
13	15 × 3 =	
14	94 × 7 =	
15	76 × 8 =	
16	38 × 4 =	
17	83 × 5 =	
18	49 × 4 =	
19	37 × 8 =	
20	57 × 2 =	
21	76 × 6 =	
22	59 × 2 =	
23	68 × 8 =	
24	17 × 4 =	
25	35 × 3 =	
26	81 × 6 =	
27	28 × 2 =	
28	12 × 7 =	
29	43 × 9 =	
30	94 × 5 =	

		○ ×
31	639 × 9 =	
32	448 × 5 =	
33	876 × 3 =	
34	210 × 5 =	
35	321 × 8 =	
36	564 × 2 =	
37	907 × 7 =	
38	792 × 8 =	
39	153 × 4 =	
40	805 × 6 =	
41	426 × 7 =	
42	680 × 3 =	
43	244 × 2 =	
44	378 × 6 =	
45	657 × 4 =	
46	709 × 9 =	
47	591 × 5 =	
48	135 × 3 =	
49	912 × 7 =	
50	803 × 8 =	
51	10 × 93 =	
52	75 × 65 =	
53	20 × 17 =	
54	81 × 52 =	
55	53 × 30 =	
56	42 × 81 =	
57	36 × 90 =	
58	94 × 78 =	
59	68 × 44 =	
60	79 × 26 =	

		○ ×
61	67 × 90 =	
62	76 × 39 =	
63	90 × 64 =	
64	19 × 12 =	
65	52 × 57 =	
66	83 × 48 =	
67	28 × 21 =	
68	30 × 73 =	
69	54 × 85 =	
70	41 × 60 =	
71	627 × 23 =	
72	405 × 64 =	
73	78 × 208 =	
74	42 × 959 =	
75	953 × 45 =	
76	814 × 71 =	
77	10 × 837 =	
78	26 × 502 =	
79	369 × 16 =	
80	51 × 390 =	
81	379 × 29 =	
82	784 × 32 =	
83	22 × 148 =	
84	807 × 70 =	
85	406 × 87 =	
86	18 × 906 =	
87	50 × 563 =	
88	935 × 65 =	
89	61 × 471 =	
90	93 × 814 =	

		○ ×
91	551 × 536 =	
92	425 × 815 =	
93	309 × 761 =	
94	198 × 980 =	
95	217 × 194 =	
96	360 × 307 =	
97	846 × 278 =	
98	672 × 629 =	
99	983 × 502 =	
100	704 × 443 =	
101	546 × 901 =	
102	339 × 173 =	
103	953 × 398 =	
104	681 × 480 =	
105	294 × 557 =	
106	710 × 834 =	
107	102 × 706 =	
108	875 × 629 =	
109	428 × 412 =	
110	607 × 265 =	
111	4,653 × 439 =	
112	7,892 × 568 =	
113	548 × 2,584 =	
114	3,309 × 133 =	
115	657 × 6,205 =	
116	840 × 3,102 =	
117	1,924 × 7,446 =	
118	2,176 × 8,091 =	
119	9,805 × 9,720 =	
120	7,061 × 1,657 =	

Soroban Technology Lab

② All Japan Anzan Contest Mental Division (5 min)

No.		Name	
Date			

5 points ×	Number correct		= Score	

		○ ×			○ ×			○ ×			○ ×
1	350 ÷ 7 =		31	1,072 ÷ 4 =		61	2,800 ÷ 35 =		91	160,640 ÷ 320 =	
2	576 ÷ 8 =		32	680 ÷ 5 =		62	728 ÷ 28 =		92	335,232 ÷ 873 =	
3	138 ÷ 3 =		33	3,096 ÷ 4 =		63	5,040 ÷ 70 =		93	587,713 ÷ 791 =	
4	292 ÷ 4 =		34	1,476 ÷ 3 =		64	8,178 ÷ 94 =		94	342,895 ÷ 505 =	
5	483 ÷ 7 =		35	4,067 ÷ 7 =		65	518 ÷ 37 =		95	57,240 ÷ 216 =	
6	564 ÷ 6 =		36	1,226 ÷ 2 =		66	1,560 ÷ 40 =		96	615,600 ÷ 648 =	
7	175 ÷ 5 =		37	7,560 ÷ 8 =		67	5,590 ÷ 86 =		97	147,339 ÷ 459 =	
8	160 ÷ 2 =		38	3,120 ÷ 6 =		68	3,100 ÷ 62 =		98	739,472 ÷ 904 =	
9	252 ÷ 9 =		39	7,281 ÷ 9 =		69	4,641 ÷ 51 =		99	65,772 ÷ 162 =	
10	40 ÷ 4 =		40	2,456 ÷ 8 =		70	817 ÷ 19 =		100	164,889 ÷ 837 =	
11	432 ÷ 6 =		41	6,489 ÷ 9 =		71	63,240 ÷ 930 =		101	44,919 ÷ 161 =	
12	130 ÷ 2 =		42	1,352 ÷ 8 =		72	17,885 ÷ 73 =		102	499,380 ÷ 609 =	
13	256 ÷ 8 =		43	3,672 ÷ 9 =		73	8,127 ÷ 27 =		103	318,068 ÷ 524 =	
14	344 ÷ 4 =		44	402 ÷ 3 =		74	41,640 ÷ 694 =		104	58,460 ÷ 316 =	
15	477 ÷ 9 =		45	4,842 ÷ 6 =		75	6,255 ÷ 15 =		105	899,632 ÷ 953 =	
16	96 ÷ 4 =		46	6,804 ÷ 7 =		76	11,228 ÷ 802 =		106	561,618 ÷ 738 =	
17	282 ÷ 6 =		47	1,400 ÷ 5 =		77	33,464 ÷ 376 =		107	441,760 ÷ 880 =	
18	57 ÷ 3 =		48	2,212 ÷ 4 =		78	35,868 ÷ 49 =		108	709,985 ÷ 745 =	
19	405 ÷ 5 =		49	692 ÷ 2 =		79	46,004 ÷ 868 =		109	129,492 ÷ 297 =	
20	658 ÷ 7 =		50	2,085 ÷ 3 =		80	46,206 ÷ 51 =		110	127,836 ÷ 402 =	
21	228 ÷ 3 =		51	1,400 ÷ 56 =		81	20,655 ÷ 243 =		111	1,103,160 ÷ 634 =	
22	434 ÷ 7 =		52	3,120 ÷ 78 =		82	52,466 ÷ 709 =		112	2,292,482 ÷ 7,591 =	
23	340 ÷ 4 =		53	3,168 ÷ 99 =		83	37,080 ÷ 40 =		113	1,346,451 ÷ 289 =	
24	152 ÷ 8 =		54	1,850 ÷ 25 =		84	12,888 ÷ 36 =		114	8,730,486 ÷ 927 =	
25	138 ÷ 6 =		55	2,680 ÷ 40 =		85	83,811 ÷ 921 =		115	1,553,328 ÷ 3,082 =	
26	104 ÷ 2 =		56	7,047 ÷ 87 =		86	51,510 ÷ 85 =		116	3,865,455 ÷ 5,643 =	
27	135 ÷ 9 =		57	240 ÷ 24 =		87	5,406 ÷ 102 =		117	45,660,694 ÷ 8,578 =	
28	96 ÷ 2 =		58	5,856 ÷ 61 =		88	13,160 ÷ 658 =		118	79,931,526 ÷ 9,606 =	
29	752 ÷ 8 =		59	2,670 ÷ 30 =		89	8,313 ÷ 17 =		119	8,088,170 ÷ 4,010 =	
30	185 ÷ 5 =		60	689 ÷ 13 =		90	9,288 ÷ 54 =		120	13,429,520 ÷ 1,745 =	

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	6	4	1	3	8	2	6	6	6	6	9	9	80	36	30	84	60	72	41	80
2	2	6	3	1	1	6	5	9	4	4	5	20	1	1	61	1	4	6	5	2
3	8	9	4	7	2	5	9	7	9	8	80	3	6	5	9	20	1	9	30	6
4	5	1	8	5	4	9	4	5	8	5	42	46	92	40	4	43	5	54	19	7
5	9	3	2	2	5	4	3	8	2	1	7	8	4	2	8	5	8	80	6	59
6																7	26	3	2	48
7																9	79	1	8	1
Sum																				

No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	68	65	22	35	15	67	65	41	97	37	55	29	831	461	996
2	34	38	76	97	47	92	82	24	81	56	699	30	46	30	347
3	12	74	89	81	63	36	−30	70	−53	81	−174	602	670	307	−83
4	93	61	63	79	94	48	−17	35	−60	40	86	96	12	46	21
5	75	53	90	60	27	10	49	68	42	99	214	434	98	285	74
6	86	89	15	24	50	41	76	47	70	24	−301	81	−455	910	−605
7	40	20	47	53	81	50	54	53	95	32	−97	725	30	24	−43
8						62	−28	86	36	65	643	89	−163	78	729
9						83	13	90	−18	70	20	150	−27	19	18
10						79	90	12	24	18	58	367	984	536	560
Sum															

No.	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	258	587	718	452	184	572	4,729	246	490	816	4,580	5,434	4,053	5,011	8,620
2	930	630	502	603	517	4,709	634	9,611	3,586	553	6,218	−2,960	2,685	3,786	1,293
3	648	−294	947	799	290	682	3,905	−2,450	7,921	9,304	7,933	7,158	8,017	9,844	5,379
4	711	−912	576	181	762	−195	178	−937	584	−8,271	6,281	1,789	9,471	−7,032	1,556
5	482	305	601	830	936	9,364	2,384	829	108	668	7,047	−3,062	5,236	1,569	2,808
6	635	446	289	−254	850	5,801	560	571	760	472	5,394	−4,273	6,720	6,147	4,723
7	809	781	493	567	441	−427	9,721	4,038	9,243	1,950	1,806	8,506	3,541	−3,205	7,407
8	124	−602	820	−874	629	−8,936	5,297	−6,892	635	−4,389	8,625	9,341	7,958	−8,950	9,961
9	597	179	354	−320	708	243	403	104	4,812	−125	3,940	1,825	4,802	4,693	6,512
10	306	853	167	916	315	7,150	816	5,763	5,079	6,037	2,715	6,097	1,369	2,178	3,084
Sum															

No.	51	52	53	54	55	56	57	58	59	60
1	17,233	60,991	9,782	55,132	42,009	18,436	49,208	31,257	560,912	694,125
2	88,427	5,210	86,603	4,806	31,274	77,960	75,116	64,590	253,847	470,849
3	−9,961	73,828	−1,297	93,342	−8,965	35,519	50,632	55,681	384,701	607,012
4	−68,054	9,614	−24,015	17,864	5,173	46,802	47,893	30,094	197,086	583,763
5	1,725	26,207	96,857	5,279	4,986	89,560	−65,547	21,747	−325,269	825,814
6	33,604	3,445	8,439	60,711	−10,724	47,321	−18,399	89,236	946,574	140,979
7	−5,170	98,956	−12,510	4,533	−26,598	90,793	23,060	92,143	−638,031	362,558
8	2,389	1,073	30,674	29,028	7,330	24,611	84,721	75,068	−779,458	716,406
9	70,948	18,307	5,926	6,405	70,652	60,835	−96,170	18,679	413,620	249,237
10	6,512	4,652	7,348	1,987	9,841	52,748	32,485	40,325	802,195	951,380
Sum										

Answers All Japan Anzan Contest

Mental Multiplication

1	210	25	105	49	6,384	73	16,224	97	235,188
2	234	26	486	50	6,424	74	40,278	98	422,688
3	332	27	56	51	930	75	42,885	99	493,466
4	175	28	84	52	4,875	76	57,794	100	311,872
5	400	29	387	53	340	77	8,370	101	491,946
6	138	30	470	54	4,212	78	13,052	102	58,647
7	450	31	5,751	55	1,590	79	5,904	103	379,294
8	126	32	2,240	56	3,402	80	19,890	104	326,880
9	639	33	2,628	57	3,240	81	10,991	105	163,758
10	84	34	1,050	58	7,332	82	25,088	106	592,140
11	549	35	2,568	59	2,992	83	3,256	107	72,012
12	132	36	1,128	60	2,054	84	56,490	108	550,375
13	45	37	6,349	61	6,030	85	35,322	109	176,336
14	658	38	6,336	62	2,964	86	16,308	110	160,855
15	608	39	612	63	5,760	87	28,150	111	2,042,667
16	152	40	4,830	64	228	88	60,775	112	4,482,656
17	415	41	2,982	65	2,964	89	28,731	113	1,416,032
18	196	42	2,040	66	3,984	90	75,702	114	440,097
19	296	43	488	67	588	91	295,336	115	4,076,685
20	114	44	2,268	68	2,190	92	346,375	116	2,605,680
21	456	45	2,628	69	4,590	93	235,149	117	14,326,104
22	118	46	6,381	70	2,460	94	194,040	118	17,606,016
23	544	47	2,955	71	14,421	95	42,098	119	95,304,600
24	68	48	405	72	25,920	96	110,520	120	11,700,077

Mental Division

1	50	25	23	49	346	73	301	97	321
2	72	26	52	50	695	74	60	98	818
3	46	27	15	51	25	75	417	99	406
4	73	28	48	52	40	76	14	100	197
5	69	29	94	53	32	77	89	101	279
6	94	30	37	54	74	78	732	102	820
7	35	31	268	55	67	79	53	103	607
8	80	32	136	56	81	80	906	104	185
9	28	33	774	57	10	81	85	105	944
10	10	34	492	58	96	82	74	106	761
11	72	35	581	59	89	83	927	107	502
12	65	36	613	60	53	84	358	108	953
13	32	37	945	61	80	85	91	109	436
14	86	38	520	62	26	86	606	110	318
15	53	39	809	63	72	87	53	111	1,740
16	24	40	307	64	87	88	20	112	302
17	47	41	721	65	14	89	489	113	4,659
18	19	42	169	66	39	90	172	114	9,418
19	81	43	408	67	65	91	502	115	504
20	94	44	134	68	50	92	384	116	685
21	76	45	807	69	91	93	743	117	5,323
22	62	46	972	70	43	94	679	118	8,321
23	85	47	280	71	68	95	265	119	2,017
24	19	48	553	72	245	96	950	120	7,696

Answers All Japan Anzan Contest

Mental Sums

1	30	13	183	25	377	37	1,973	49	14,041
2	23	14	84	26	568	38	5,467	50	51,343
3	18	15	112	27	354	39	2,900	51	137,653
4	18	16	169	28	526	40	5,632	52	302,283
5	20	17	183	29	314	41	18,963	53	207,807
6	26	18	225	30	522	42	28,627	54	279,087
7	27	19	111	31	1,203	43	10,883	55	124,978
8	35	20	203	32	2,603	44	33,218	56	544,585
9	29	21	408	33	2,026	45	7,015	57	182,999
10	24	22	400	34	2,696	46	54,539	58	518,820
11	143	23	402	35	2,014	47	29,855	59	1,816,177
12	86	24	429	36	5,500	48	53,852	60	5,602,123