Soroban Technology Lab

Junior Multiplication (3 min)

No.		Name	
Date		Score	

(Note) 1–15: Round to 3 decimal places
16–30: Round to the nearest yen

		○ ×
1	9,866 × 980 =	
2	5,519 × 1.61 =	
3	0.477 × 0.0394 =	
4	7,093 × 846 =	
5	0.0475 × 41.2 =	
6	1,392 × 0.205 =	
7	6,208 × 559 =	
8	38,104 × 37 =	
9	8,235 × 673 =	
10	246.1 × 72.8 =	
11	8,019 × 107 =	
12	0.0173 × 0.374 =	
13	34,908 × 82 =	
14	5,426 × 0.235 =	
15	763.4 × 5.81 =	
16	¥ 6,957 × 459 =	
17	¥ 9,625 × 0.016 =	
18	¥ 250 × 7.968 =	
19	¥ 4,831 × 9.43 =	
20	¥ 1,872 × 620 =	
21	¥ 204 × 4,408 =	
22	¥ 4,707 × 0.067 =	
23	¥ 9,230 × 19.2 =	
24	¥ 75,816 × 0.75 =	
25	¥ 8,443 × 913 =	
26	¥ 1,598 × 68.5 =	
27	¥ 6,375 × 0.576 =	
28	¥ 3,069 × 239 =	
29	¥ 8,292 × 824 =	
30	¥ 5,611 × 301 =	

Soroban Technology Lab

Junior Division (3 min)

No.		Name	
Date		Score	

(Note) 1–15: Round to 3 decimal places
16–30: Round to the nearest yen

		○ ×
1	599,841 ÷ 8,217 =	
2	426.474 ÷ 0.774 =	
3	454,152 ÷ 596 =	
4	51,772 ÷ 43 =	
5	4,392.74 ÷ 90.2 =	
6	0.015112 ÷ 0.049 =	
7	306,280 ÷ 380 =	
8	15,691.2 ÷ 168 =	
9	68,145 ÷ 231 =	
10	4,054.45 ÷ 65.5 =	
11	454,116 ÷ 492 =	
12	3.0503 ÷ 0.059 =	
13	0.165731 ÷ 0.193 =	
14	41,947.2 ÷ 971 =	
15	209,350 ÷ 530 =	
16	¥ 5,102 ÷ 0.84 =	
17	¥ 49,446 ÷ 246 =	
18	¥ 59,904 ÷ 76.8 =	
19	¥ 1,092 ÷ 68.25 =	
20	¥ 148,356 ÷ 317 =	
21	¥ 374,218 ÷ 962 =	
22	¥ 238,871 ÷ 53 =	
23	¥ 99 ÷ 0.375 =	
24	¥ 14 ÷ 0.016 =	
25	¥ 369,759 ÷ 499 =	
26	¥ 11,419 ÷ 60.1 =	
27	¥ 173,162 ÷ 187 =	
28	¥ 120,016 ÷ 2,308 =	
29	¥ 46,041 ÷ 74.5 =	
30	¥ 250 ÷ 0.824 =	

Soroban Technology Lab

Junior Sums (3 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	¥ 340,079	¥ 348,147	¥ 351,495	¥ 639,170	¥ 375,480
2	581,642	956,203	673,820	488,925	569,312
3	869,751	200,816	190,674	562,237	892,107
4	302,967	955,728	−206,848	186,041	−107,624
5	231,548	619,147	−792,315	593,470	−948,356
6	128,403	393,062	463,530	716,724	615,248
7	617,935	178,554	−148,792	305,859	790,863
8	970,068	729,083	−209,186	844,306	129,705
9	453,826	401,369	985,027	921,768	−284,531
10	795,214	862,475	534,761	250,913	−436,079
Sum					

No.	6	7	8	9	10
1	¥ 269,534	¥ 673,819	¥ 591,042	¥ 419,278	¥ 703,128
2	713,280	430,275	972,803	956,034	−485,963
3	976,438	529,830	−457,268	670,213	−156,079
4	735,204	815,603	−843,912	298,156	829,547
5	850,691	162,497	570,136	983,407	241,630
6	578,049	748,560	964,718	805,792	730,216
7	420,316	193,628	−329,045	317,640	394,805
8	682,753	957,031	−260,381	564,381	512,794
9	194,827	704,952	684,570	723,905	−678,352
10	301,965	281,346	135,927	142,869	−960,481
Sum					

No.	11	12	13	14	15
1	¥ 317,859	¥ 591,352	¥ 204,983	¥ 971,246	¥ 973,464
2	906,023	820,746	156,317	803,785	801,520
3	881,674	963,480	409,852	920,197	−978,153
4	225,190	−815,072	561,074	647,542	−586,321
5	763,745	−376,491	623,927	561,853	694,702
6	952,931	401,683	384,860	478,920	867,498
7	439,068	−657,924	957,103	386,001	230,514
8	140,526	−189,305	172,599	295,663	115,279
9	678,802	702,869	845,606	104,719	−340,086
10	594,317	234,157	438,721	732,584	−729,635
Sum					

Soroban Technology Lab

Junior Mental Multiplication (1 min)

No.		Name	
Date		Score	

		○ ×
1	18 × 39 =	
2	29 × 15 =	
3	45 × 78 =	
4	74 × 64 =	
5	57 × 96 =	
6	61 × 42 =	
7	36 × 89 =	
8	83 × 63 =	
9	47 × 21 =	
10	92 × 57 =	
11	87 × 12 =	
12	16 × 21 =	
13	95 × 36 =	
14	78 × 54 =	
15	28 × 93 =	
16	63 × 65 =	
17	32 × 47 =	
18	71 × 88 =	
19	54 × 79 =	
20	49 × 89 =	
21	52 × 54 =	
22	25 × 35 =	
23	38 × 78 =	
24	47 × 28 =	
25	51 × 61 =	
26	19 × 96 =	
27	63 × 49 =	
28	92 × 32 =	
29	74 × 17 =	
30	86 × 83 =	

Soroban Technology Lab

Junior Mental Division (1 min)

No.		Name	
Date		Score	

		○ ×
1	2,444 ÷ 47 =	
2	2,772 ÷ 63 =	
3	7,524 ÷ 99 =	
4	663 ÷ 51 =	
5	2,730 ÷ 35 =	
6	1,520 ÷ 16 =	
7	4,524 ÷ 52 =	
8	4,828 ÷ 71 =	
9	1,848 ÷ 88 =	
10	936 ÷ 24 =	
11	532 ÷ 38 =	
12	2,418 ÷ 93 =	
13	1,116 ÷ 36 =	
14	4,347 ÷ 69 =	
15	504 ÷ 12 =	
16	3,888 ÷ 54 =	
17	6,958 ÷ 71 =	
18	4,165 ÷ 49 =	
19	1,809 ÷ 27 =	
20	5,015 ÷ 85 =	
21	1,479 ÷ 17 =	
22	1,702 ÷ 46 =	
23	8,099 ÷ 91 =	
24	1,932 ÷ 42 =	
25	5,035 ÷ 53 =	
26	1,176 ÷ 84 =	
27	3,876 ÷ 76 =	
28	1,820 ÷ 65 =	
29	2,088 ÷ 29 =	
30	2,394 ÷ 38 =	

Soroban Technology Lab

Junior Mental Sums (1 min 20 s)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	789	614	842	347	746
2	574	439	956	281	571
3	620	270	−201	560	−302
4	193	557	−987	454	−190
5	738	109	720	719	924
6	406	246	315	822	675
7	245	783	−664	306	358
8	907	461	−578	943	−280
9	351	358	429	678	−617
10	862	902	103	105	439
Sum					

No.	6	7	8	9	10
1	564	184	420	796	981
2	622	938	187	902	334
3	798	702	659	418	572
4	107	845	301	580	−650
5	310	529	−242	665	−871
6	856	606	−373	349	906
7	941	711	865	127	425
8	675	493	904	853	−263
9	489	837	−796	204	−407
10	203	250	−518	971	198
Sum					

No.	11	12	13	14	15
1	359	291	836	976	517
2	210	426	209	312	308
3	548	780	741	840	629
4	962	873	205	706	145
5	685	365	−516	864	−290
6	107	912	−794	295	−448
7	433	404	983	381	763
8	704	127	637	607	576
9	581	538	−120	459	−932
10	926	609	−458	123	−801
Sum					

Answers Junior

Multiplication

1	9,668,680	7	3,470,272	13	2,862,456	19	¥45,556	25	¥7,708,459
2	8,885.59	8	1,409,848	14	1,275.11	20	¥1,160,640	26	¥109,463
3	0.019	9	5,542,155	15	4,435.354	21	¥899,232	27	¥3,672
4	6,000,678	10	17,916.08	16	¥3,193,263	22	¥315	28	¥733,491
5	1.957	11	858,033	17	¥154	23	¥177,216	29	¥6,832,608
6	285.36	12	0.006	18	¥1,992	24	¥56,862	30	¥1,688,911

Division

1	73	7	806	13	0.859	19	¥16	25	¥741
2	551	8	93.4	14	43.2	20	¥468	26	¥190
3	762	9	295	15	395	21	¥389	27	¥926
4	1,204	10	61.9	16	¥6,074	22	¥4,507	28	¥52
5	48.7	11	923	17	¥201	23	¥264	29	¥618
6	0.308	12	51.7	18	¥780	24	¥875	30	¥303

Sums

1	¥5,291,433	6	¥5,723,057	11	¥5,900,135
2	¥5,644,584	7	¥5,497,541	12	¥1,675,495
3	¥1,842,166	8	¥2,028,590	13	¥4,755,042
4	¥5,509,413	9	¥5,881,675	14	¥5,902,510
5	¥1,596,125	10	¥1,131,245	15	¥1,048,782

Mental Multiplication

1	702	7	3,204	13	3,420	19	4,266	25	3,111
2	435	8	5,229	14	4,212	20	4,361	26	1,824
3	3,510	9	987	15	2,604	21	2,808	27	3,087
4	4,736	10	5,244	16	4,095	22	875	28	2,944
5	5,472	11	1,044	17	1,504	23	2,964	29	1,258
6	2,562	12	336	18	6,248	24	1,316	30	7,138

Mental Division

1	52	7	87	13	31	19	67	25	95
2	44	8	68	14	63	20	59	26	14
3	76	9	21	15	42	21	87	27	51
4	13	10	39	16	72	22	37	28	28
5	78	11	14	17	98	23	89	29	72
6	95	12	26	18	85	24	46	30	63

Mental Sums

1	5,685	6	5,565	11	5,515
2	4,739	7	6,095	12	5,325
3	935	8	1,407	13	1,723
4	5,215	9	5,865	14	5,563
5	2,324	10	1,225	15	467