Soroban Technology Lab

Mental Calculation Dan Mental Multiplication / Mental Division (6 min)

No.		Name	
Date		Score	

Mental Multiplication (3 min)

(Note) Round down to 3 decimal places

1	22 × 36 =	21	1,130 × 67 =
2	36 × 91 =	22	677 × 723 =
3	62 × 72 =	23	469 × 2.76 =
4	48 × 15 =	24	98 × 1,951 =
5	97 × 33 =	25	3.284 × 9.5 =
6	59 × 47 =	26	855 × 438 =
7	14 × 68 =	27	0.051 × 16.4 =
8	85 × 0.24 =	28	0.23 × 0.0542 =
9	71 × 86 =	29	742 × 800 =
10	5.3 × 5.9 =	30	906 × 389 =
11	912 × 27 =	31	252 × 5,312 =
12	0.29 × 38.6 =	32	3,923 × 116 =
13	196 × 53 =	33	1.39 × 0.0259 =
14	0.45 × 0.204 =	34	4,081 × 770 =
15	38 × 145 =	35	0.6395 × 0.948 =
16	700 × 82 =	36	4,478 × 6,847 =
17	6.31 × 49 =	37	78,167 × 464 =
18	87 × 600 =	38	5.264 × 852.1 =
19	554 × 91 =	39	950 × 67,205 =
20	0.73 × 76.8 =	40	0.0816 × 3,933 =

Mental Division (3 min)

(Note) Round down to 3 decimal places

1	2,025 ÷ 45 =	21	675,250 ÷ 925 =
2	3,306 ÷ 38 =	22	3,148.19 ÷ 3,793 =
3	3,149 ÷ 67 =	23	156,408 ÷ 686 =
4	2,349 ÷ 81 =	24	0.017199 ÷ 0.049 =
5	2,628 ÷ 73 =	25	61,704 ÷ 12 =
6	784 ÷ 56 =	26	458.42 ÷ 648 =
7	2,156 ÷ 22 =	27	345,184 ÷ 7,504 =
8	47.94 ÷ 9.4 =	28	3.7241 ÷ 53.7 =
9	1,387 ÷ 19 =	29	149,850 ÷ 810 =
10	22.32 ÷ 0.36 =	30	209,244 ÷ 21 =
11	14,812 ÷ 92 =	31	2,971,691 ÷ 373 =
12	20.955 ÷ 63.5 =	32	8,455,698 ÷ 906 =
13	24,570 ÷ 910 =	33	3.6255 ÷ 168.7 =
14	0.21601 ÷ 0.43 =	34	61,192.5 ÷ 750 =
15	48,384 ÷ 504 =	35	1,153,152 ÷ 2,184 =
16	12,665 ÷ 17 =	36	39,153,205 ÷ 4,529 =
17	23.868 ÷ 35.1 =	37	27.07216 ÷ 0.068 =
18	22,400 ÷ 28 =	38	33,549,390 ÷ 8,235 =
19	18,624 ÷ 776 =	39	11,675,146 ÷ 1,741 =
20	43.55 ÷ 89 =	40	829.32 ÷ 5,904.2 =

Soroban Technology Lab

Mental Calculation Dan Mental Sums (3 min)

No.		Name	
Date		Score	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
310	982	934	270	382	725	391	416	271	940	512	619	357	6,204	608
125	−467	815	839	769	−407	675	273	548	−382	690	7,304	6,924	539	914
276	234	160	591	−574	−198	523	167	862	−405	2,745	−426	291	−5,428	1,876
409	−195	789	704	−298	346	419	538	6,903	2,639	9,386	138	7,846	−310	9,057
853	708	423	682	130	250	806	904	1,754	1,857	107	−5,970	503	796	423

16	17	18	19	20	21	22	23	24	25	26	27	28	29
8,456	489	1,806	472	894	378	4,208	5,967	6,123	285	342	7,418	4,591	4,195
102	5,763	479	−385	3,127	814	7,964	4,218	−910	3,067	6,217	506	−873	741
4,937	102	253	961	605	2,605	531	309	4,857	9,154	1,904	791	910	−563
890	−510	184	5,203	7,038	6,791	652	672	−204	−701	583	832	−2,645	−902
273	7,238	720	−714	912	520	410	543	3,561	5,648	138	1,284	709	1,028
615	−946	6,395	6,098	546	8,943	3,879	1,890	798	−329	475	5,079	−456	−3,859
										9,026	643	1,238	476

30	31	32	33	34	35	36	37	38	39	40
213	450	3,078	851	5,872	2,801	57,129	13,875	4,821	2,890	2,387
397	2,897	9,426	7,326	143	5,934	−2,631	642	56,307	672	76,905
980	683	512	1,543	−3,510	−183	−408	80,197	8,249	31,948	−31,240
4,126	701	680	902	984	−245	19,764	52,408	72,085	569	−798
7,458	3,524	7,934	478	−206	670	−28,593	761	13,964	8,105	5,624
562	5,079	6,309	634	729	9,058	910	936	672	46,237	−8,013
9,031	142	251	2,085	1,367	−312	43,052	41,280	158	5,021	9,471
	6,938	847	6,197	−4,058	4,769	876	7,359	9,430	79,483	3,562

Answers Mental Calculation Dan

Mental Multiplication

1	792	9	6,106	17	309.19	25	31.198	33	0.036
2	3,276	10	31.27	18	52,200	26	374,490	34	3,142,370
3	4,464	11	24,624	19	50,414	27	0.836	35	0.606
4	720	12	11.194	20	56.064	28	0.012	36	30,660,866
5	3,201	13	10,388	21	75,710	29	593,600	37	36,269,488
6	2,773	14	0.091	22	489,471	30	352,434	38	4,485.454
7	952	15	5,510	23	1,294.44	31	1,338,624	39	63,844,750
8	20.4	16	57,400	24	191,198	32	455,068	40	320.932

Mental Division

1	45	9	73	17	0.68	25	5,142	33	0.021
2	87	10	62	18	800	26	0.707	34	81.59
3	47	11	161	19	24	27	46	35	528
4	29	12	0.33	20	0.489	28	0.069	36	8,645
5	36	13	27	21	730	29	185	37	398.12
6	14	14	0.502	22	0.83	30	9,964	38	4,074
7	98	15	96	23	228	31	7,967	39	6,706
8	5.1	16	745	24	0.351	32	9,333	40	0.140

Mental Sums

1	1,973	9	10,338	17	12,136	25	17,124	33	20,016
2	1,262	10	4,649	18	9,837	26	18,685	34	1,321
3	3,121	11	13,440	19	11,635	27	16,553	35	22,492
4	3,086	12	1,665	20	13,122	28	3,474	36	90,099
5	409	13	15,921	21	20,051	29	1,116	37	197,458
6	716	14	1,801	22	17,644	30	22,767	38	165,686
7	2,814	15	12,878	23	13,599	31	20,414	39	174,925
8	2,298	16	15,273	24	14,225	32	29,037	40	57,898