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	91 × 67 =	21	1,823 × 22 =
2	59 × 75 =	22	0.402 × 0.064 =
3	78 × 43 =	23	594 × 560 =
4	34 × 98 =	24	3.1 × 93.87 =
5	15 × 11 =	25	665 × 358 =
6	44 × 23 =	26	8,410 × 4.9 =
7	26 × 52 =	27	757 × 125 =
8	7.2 × 6.4 =	28	278 × 846 =
9	67 × 36 =	29	96 × 1,971 =
10	83 × 0.89 =	30	0.039 × 7.03 =
11	308 × 79 =	31	9,298 × 594 =
12	0.71 × 0.602 =	32	3,780 × 447 =
13	17 × 327 =	33	0.027 × 7,375 =
14	514 × 5.8 =	34	801 × 1,656 =
15	950 × 45 =	35	0.6943 × 0.283 =
16	23 × 181 =	36	1.3765 × 3.02 =
17	49.5 × 0.93 =	37	7,614 × 8,160 =
18	876 × 24 =	38	0.5136 × 0.0629 =
19	32 × 460 =	39	459 × 92,838 =
20	6.9 × 0.806 =	40	8,042 × 5,901 =

Mental Division (3 min)

(Note) Round down to 3 decimal places

1	1,914 ÷ 33 =	21	253,056 ÷ 3,954 =
2	1,083 ÷ 57 =	22	230,880 ÷ 740 =
3	3,348 ÷ 36 =	23	0.014878 ÷ 0.086 =
4	1,176 ÷ 49 =	24	413,505 ÷ 5,105 =
5	5,544 ÷ 84 =	25	20,656.8 ÷ 228 =
6	7,820 ÷ 92 =	26	259,210 ÷ 49 =
7	1,316 ÷ 28 =	27	20.018 ÷ 737 =
8	189.1 ÷ 6.1 =	28	710,055 ÷ 93 =
9	5,400 ÷ 75 =	29	57.7545 ÷ 68.1 =
10	7.52 ÷ 0.16 =	30	74,358 ÷ 162 =
11	67,936 ÷ 772 =	31	1,157,224 ÷ 508 =
12	0.07738 ÷ 0.19 =	32	6,136.556 ÷ 7,631 =
13	31,800 ÷ 53 =	33	4,262,500 ÷ 620 =
14	2,330.5 ÷ 39.5 =	34	2.02321 ÷ 0.049 =
15	3,300 ÷ 150 =	35	1,394,952 ÷ 8,942 =
16	13,920 ÷ 96 =	36	10,499,871 ÷ 1,797 =
17	5.688 ÷ 23.7 =	37	1,148.295 ÷ 31,035 =
18	28,836 ÷ 801 =	38	27,484,800 ÷ 2,863 =
19	51,884 ÷ 68 =	39	6,027.9624 ÷ 928.6 =
20	43.18 ÷ 44 =	40	40,725,648 ÷ 554 =

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
537	384	582	369	715	127	586	987	453	438	8,604	6,031	521	249	219
942	953	109	275	−160	204	704	−170	209	6,107	−395	8,752	308	850	7,853
105	278	960	736	503	415	825	−258	3,697	980	−837	−307	4,756	9,701	8,162
374	−109	438	591	248	680	670	601	1,542	1,645	950	−964	182	−6,387	395
689	−465	725	804	−976	739	193	493	860	372	1,246	215	9,037	−524	740

16	17	18	19	20	21	22	23	24	25	26	27	28	29
928	361	1,806	507	961	8,309	1,457	3,489	1,509	5,394	5,014	421	9,028	4,159
−310	798	792	2,893	−327	7,416	2,640	−518	3,216	4,261	6,947	8,670	743	317
7,456	250	5,348	416	−405	532	893	7,260	487	870	120	512	−682	−894
8,032	436	910	928	8,690	951	576	−847	6,754	683	538	9,384	915	−620
149	2,587	467	635	712	6,723	9,038	6,325	−321	7,549	491	145	−460	5,701
−675	9,014	253	4,170	3,584	840	214	901	−890	102	372	3,097	−8,309	−486
										8,605	268	1,257	2,935

30	31	32	33	34	35	36	37	38	39	40
7,156	483	820	3,150	6,481	625	43,812	41,287	2,469	48,915	98,127
935	−167	594	2,468	297	−408	10,527	73,562	7,234	842	4,836
1,720	5,926	9,231	876	2,713	1,983	8,659	9,301	−605	760	50,713
4,268	−359	5,146	1,592	658	−192	706	54,078	41,897	32,501	5,071
643	−4,708	387	304	9,340	7,564	2,981	126	8,026	79,134	−248
509	531	2,403	635	139	830	364	82,950	−56,913	1,698	−1,962
817	7,012	6,015	8,021	4,576	6,059	27,043	714	−170	256	7,689
	8,694	978	947	802	−4,217	5,198	639	25,348	84,073	−3,405

Answers Mental Calculation Dan

Mental Multiplication

1	6,097	9	2,412	17	46.035	25	238,070	33	199.125
2	4,425	10	73.87	18	21,024	26	41,209	34	1,326,456
3	3,354	11	24,332	19	14,720	27	94,625	35	0.196
4	3,332	12	0.427	20	5.561	28	235,188	36	4.157
5	165	13	5,559	21	40,106	29	189,216	37	62,130,240
6	1,012	14	2,981.2	22	0.025	30	0.274	38	0.032
7	1,352	15	42,750	23	332,640	31	5,523,012	39	42,612,642
8	46.08	16	4,163	24	290.997	32	1,689,660	40	47,455,842

Mental Division

1	58	9	72	17	0.24	25	90.6	33	6,875
2	19	10	47	18	36	26	5,290	34	41.29
3	93	11	88	19	763	27	0.027	35	156
4	24	12	0.407	20	0.981	28	7,635	36	5,843
5	66	13	600	21	64	29	0.848	37	0.037
6	85	14	59	22	312	30	459	38	9,600
7	47	15	22	23	0.173	31	2,278	39	6.491
8	31	16	145	24	81	32	0.804	40	73,512

Mental Sums

1	2,647	9	6,761	17	13,446	25	18,859	33	17,993
2	1,041	10	9,542	18	9,576	26	22,087	34	25,006
3	2,814	11	9,568	19	9,549	27	22,497	35	12,244
4	2,775	12	13,727	20	13,215	28	2,492	36	99,290
5	330	13	14,804	21	24,771	29	11,112	37	262,657
6	2,165	14	3,889	22	14,818	30	16,048	38	27,286
7	2,978	15	17,369	23	16,610	31	17,412	39	248,179
8	1,653	16	15,580	24	10,755	32	25,574	40	160,821