Soroban Technology Lab

Mental Calculation Dan Mental Multiplication / Mental Division (8 min)

No.		Name	
Date		Score	

Mental Multiplication (4 min)

1	451 × 78 =	31	310 × 382 =
2	26 × 573 =	32	280 × 179 =
3	792 × 81 =	33	659 × 897 =
4	95 × 638 =	34	147 × 506 =
5	610 × 24 =	35	895 × 781 =
6	87 × 321 =	36	421 × 643 =
7	160 × 12 =	37	764 × 230 =
8	51 × 915 =	38	903 × 954 =
9	309 × 62 =	39	576 × 120 =
10	43 × 406 =	40	382 × 465 =
11	842 × 59 =	41	425 × 260 =
12	64 × 704 =	42	756 × 391 =
13	235 × 47 =	43	104 × 803 =
14	78 × 890 =	44	631 × 976 =
15	908 × 36 =	45	862 × 457 =
16	56 × 698 =	46	549 × 149 =
17	302 × 93 =	47	370 × 518 =
18	45 × 124 =	48	983 × 725 =
19	691 × 71 =	49	710 × 684 =
20	13 × 207 =	50	298 × 230 =
21	209 × 46 =	51	513 × 962 =
22	75 × 304 =	52	205 × 726 =
23	180 × 58 =	53	987 × 310 =
24	38 × 830 =	54	420 × 604 =
25	874 × 16 =	55	692 × 475 =
26	97 × 943 =	56	784 × 153 =
27	560 × 25 =	57	361 × 240 =
28	62 × 759 =	58	140 × 897 =
29	437 × 62 =	59	836 × 938 =
30	29 × 580 =	60	579 × 581 =

Mental Division (4 min)

1	84,564 ÷ 87 =	31	160,190 ÷ 830 =
2	37,630 ÷ 530 =	32	310,080 ÷ 760 =
3	53,134 ÷ 62 =	33	513,372 ÷ 956 =
4	10,812 ÷ 318 =	34	183,458 ÷ 682 =
5	1,484 ÷ 14 =	35	231,000 ÷ 308 =
6	43,011 ÷ 729 =	36	356,166 ÷ 423 =
7	14,640 ÷ 24 =	37	116,754 ÷ 174 =
8	38,786 ÷ 946 =	38	202,575 ÷ 219 =
9	13,440 ÷ 42 =	39	97,380 ÷ 541 =
10	20,125 ÷ 805 =	40	275,070 ÷ 795 =
11	71,424 ÷ 93 =	41	563,112 ÷ 594 =
12	49,883 ÷ 601 =	42	256,494 ÷ 651 =
13	31,122 ÷ 57 =	43	189,280 ÷ 728 =
14	15,810 ÷ 170 =	44	493,830 ÷ 930 =
15	7,315 ÷ 35 =	45	97,585 ÷ 145 =
16	22,630 ÷ 730 =	46	55,620 ÷ 309 =
17	17,940 ÷ 26 =	47	213,796 ÷ 473 =
18	28,826 ÷ 497 =	48	231,609 ÷ 287 =
19	10,965 ÷ 85 =	49	437,580 ÷ 612 =
20	8,330 ÷ 170 =	50	796,360 ÷ 860 =
21	34,398 ÷ 49 =	51	386,810 ÷ 470 =
22	13,328 ÷ 952 =	52	81,780 ÷ 564 =
23	4,771 ÷ 13 =	53	603,520 ÷ 820 =
24	84,378 ÷ 861 =	54	66,816 ÷ 256 =
25	20,942 ÷ 74 =	55	402,380 ÷ 682 =
26	24,462 ÷ 302 =	56	429,165 ÷ 935 =
27	26,775 ÷ 63 =	57	138,754 ÷ 371 =
28	14,170 ÷ 218 =	58	176,016 ÷ 193 =
29	47,785 ÷ 95 =	59	277,440 ÷ 408 =
30	38,608 ÷ 508 =	60	580,233 ÷ 719 =

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Mental Calculation Dan Mental Sums (4 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	584	368	6,097	627	4,392
2	6,853	7,046	469	8,503	749
3	7,601	183	541	9,410	3,450
4	192	9,517	−3,706	235	−1,027
5	3,085	5,620	7,940	749	593
6	9,430	479	238	1,082	6,108
7	267	2,834	−8,125	3,176	−865
Sum					

No.	16	17	18	19	20
1	9,567	891	320	7,649	197
2	20,986	61,024	42,085	237	2,609
3	3,274	−3,768	90,734	56,901	4,230
4	5,748	4,935	156	−8,592	51,084
5	820	−5,642	8,461	31,850	7,326
6	41,693	78,310	7,523	4,378	851
7	105	279	6,897	−164	39,748
Sum					

No.	6	7	8	9	10
1	5,640	497	3,978	3,098	1,740
2	915	6,049	745	1,705	672
3	1,248	−1,260	6,820	−413	8,204
4	762	572	2,483	6,874	3,068
5	3,807	864	179	532	549
6	2,051	3,908	562	−8,190	951
7	693	−2,153	9,051	256	2,837
Sum					

No.	21	22	23	24	25
1	812	85,460	87,035	98,507	49,128
2	9,174	503	451	2,764	593
3	760	−9,241	683	6,153	276
4	6,039	798	2,764	−315	7,065
5	3,581	1,832	1,540	839	60,732
6	40,927	2,614	9,126	10,472	1,840
7	25,346	−60,975	73,809	−4,086	3,951
Sum					

No.	11	12	13	14	15
1	3,609	475	4,327	3,092	4,917
2	573	5,802	985	769	621
3	215	−3,764	512	−1,257	9,586
4	8,094	293	7,204	498	873
5	187	127	1,978	2,570	2,460
6	4,250	9,680	631	−614	325
7	7,361	−8,541	3,056	8,306	5,109
Sum					

No.	26	27	28	29	30
1	61,309	17,068	4,581	40,758	8,492
2	4,863	4,159	23,078	5,370	304
3	8,942	2,840	−70,652	261	−7,861
4	734	982	916	12,347	69,375
5	215	59,601	395	9,165	5,248
6	5,076	324	6,847	6,482	176
7	10,298	6,573	−1,230	809	−21,059
Sum					

Answers Mental Calculation Dan

Mental Multiplication

1	35,178	13	11,045	25	13,984	37	175,720	49	485,640
2	14,898	14	69,420	26	91,471	38	861,462	50	68,540
3	64,152	15	32,688	27	14,000	39	69,120	51	493,506
4	60,610	16	39,088	28	47,058	40	177,630	52	148,830
5	14,640	17	28,086	29	27,094	41	110,500	53	305,970
6	27,927	18	5,580	30	16,820	42	295,596	54	253,680
7	1,920	19	49,061	31	118,420	43	83,512	55	328,700
8	46,665	20	2,691	32	50,120	44	615,856	56	119,952
9	19,158	21	9,614	33	591,123	45	393,934	57	86,640
10	17,458	22	22,800	34	74,382	46	81,801	58	125,580
11	49,678	23	10,440	35	698,995	47	191,660	59	784,168
12	45,056	24	31,540	36	270,703	48	712,675	60	336,399

Mental Division

1	972	13	546	25	283	37	671	49	715
2	71	14	93	26	81	38	925	50	926
3	857	15	209	27	425	39	180	51	823
4	34	16	31	28	65	40	346	52	145
5	106	17	690	29	503	41	948	53	736
6	59	18	58	30	76	42	394	54	261
7	610	19	129	31	193	43	260	55	590
8	41	20	49	32	408	44	531	56	459
9	320	21	702	33	537	45	673	57	374
10	25	22	14	34	269	46	180	58	912
11	768	23	367	35	750	47	452	59	680
12	83	24	98	36	842	48	807	60	807

Mental Sums

1	28,012	7	8,477	13	18,693	19	92,259	25	123,585
2	26,047	8	23,818	14	13,364	20	106,045	26	91,437
3	3,454	9	3,862	15	23,891	21	86,639	27	91,547
4	23,782	10	18,021	16	82,193	22	20,991	28	−36,065
5	13,400	11	24,289	17	136,029	23	175,408	29	75,192
6	15,116	12	4,072	18	156,176	24	114,334	30	54,675