

Soroban Technology Lab

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

No.		Name	
Date		Score	

Mental Multiplication (4 min)

1	$451 \times 78 =$
2	$26 \times 573 =$
3	$792 \times 81 =$
4	$95 \times 638 =$
5	$610 \times 24 =$
6	$87 \times 321 =$
7	$160 \times 12 =$
8	$51 \times 915 =$
9	$309 \times 62 =$
10	$43 \times 406 =$
11	$842 \times 59 =$
12	$64 \times 704 =$
13	$235 \times 47 =$
14	$78 \times 890 =$
15	$908 \times 36 =$
16	$56 \times 698 =$
17	$302 \times 93 =$
18	$45 \times 124 =$
19	$691 \times 71 =$
20	$13 \times 207 =$
21	$209 \times 46 =$
22	$75 \times 304 =$
23	$180 \times 58 =$
24	$38 \times 830 =$
25	$874 \times 16 =$
26	$97 \times 943 =$
27	$560 \times 25 =$
28	$62 \times 759 =$
29	$437 \times 62 =$
30	$29 \times 580 =$

31	$310 \times 382 =$
32	$280 \times 179 =$
33	$659 \times 897 =$
34	$147 \times 506 =$
35	$895 \times 781 =$
36	$421 \times 643 =$
37	$764 \times 230 =$
38	$903 \times 954 =$
39	$576 \times 120 =$
40	$382 \times 465 =$
41	$425 \times 260 =$
42	$756 \times 391 =$
43	$104 \times 803 =$
44	$631 \times 976 =$
45	$862 \times 457 =$
46	$549 \times 149 =$
47	$370 \times 518 =$
48	$983 \times 725 =$
49	$710 \times 684 =$
50	$298 \times 230 =$
51	$513 \times 962 =$
52	$205 \times 726 =$
53	$987 \times 310 =$
54	$420 \times 604 =$
55	$692 \times 475 =$
56	$784 \times 153 =$
57	$361 \times 240 =$
58	$140 \times 897 =$
59	$836 \times 938 =$
60	$579 \times 581 =$

Mental Division (4 min)

1	$84,564 \div 87 =$
2	$37,630 \div 530 =$
3	$53,134 \div 62 =$
4	$10,812 \div 318 =$
5	$1,484 \div 14 =$
6	$43,011 \div 729 =$
7	$14,640 \div 24 =$
8	$38,786 \div 946 =$
9	$13,440 \div 42 =$
10	$20,125 \div 805 =$
11	$71,424 \div 93 =$
12	$49,883 \div 601 =$
13	$31,122 \div 57 =$
14	$15,810 \div 170 =$
15	$7,315 \div 35 =$
16	$22,630 \div 730 =$
17	$17,940 \div 26 =$
18	$28,826 \div 497 =$
19	$10,965 \div 85 =$
20	$8,330 \div 170 =$
21	$34,398 \div 49 =$
22	$13,328 \div 952 =$
23	$4,771 \div 13 =$
24	$84,378 \div 861 =$
25	$20,942 \div 74 =$
26	$24,462 \div 302 =$
27	$26,775 \div 63 =$
28	$14,170 \div 218 =$
29	$47,785 \div 95 =$
30	$38,608 \div 508 =$

31	$160,190 \div 830 =$
32	$310,080 \div 760 =$
33	$513,372 \div 956 =$
34	$183,458 \div 682 =$
35	$231,000 \div 308 =$
36	$356,166 \div 423 =$
37	$116,754 \div 174 =$
38	$202,575 \div 219 =$
39	$97,380 \div 541 =$
40	$275,070 \div 795 =$
41	$563,112 \div 594 =$
42	$256,494 \div 651 =$
43	$189,280 \div 728 =$
44	$493,830 \div 930 =$
45	$97,585 \div 145 =$
46	$55,620 \div 309 =$
47	$213,796 \div 473 =$
48	$231,609 \div 287 =$
49	$437,580 \div 612 =$
50	$796,360 \div 860 =$
51	$386,810 \div 470 =$
52	$81,780 \div 564 =$
53	$603,520 \div 820 =$
54	$66,816 \div 256 =$
55	$402,380 \div 682 =$
56	$429,165 \div 935 =$
57	$138,754 \div 371 =$
58	$176,016 \div 193 =$
59	$277,440 \div 408 =$
60	$580,233 \div 719 =$

Soroban Technology Lab

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

Mental Division

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

Mental Sums

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