

Soroban Technology Lab

Mental Calculation Pre-1 Kyu

No.		Name	
Date		Score	

Mental Sums (Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

No.	1	2	3	4	5
1	607	590	345	634	982
2	521	482	614	408	725
3	943	739	280	152	164
4	386	651	197	790	503
5	250	304	578	243	310
6	874	176	406	586	249
7	169	928	932	917	678
Sum					

No.	6	7	8	9	10
1	305	549	972	204	173
2	678	193	306	526	820
3	914	768	814	831	536
4	250	201	235	972	749
5	527	370	498	395	365
6	183	824	657	460	984
7	496	956	120	718	201
Sum					

Mental Calculation Pre-1 Kyu Mental Sums

(Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

No.	11	12	13	14	15
1	872	198	623	275	193
2	650	670	510	609	764
3	193	435	789	843	502
4	204	312	-140	519	-281
5	481	874	-462	162	-603
6	576	502	839	308	897
7	913	946	-375	734	546
8	432	357	-258	416	-874
9	709	980	107	927	-910
10	568	261	964	850	325
Sum					

No.	16	17	18	19	20
1	584	704	427	215	485
2	196	329	530	798	206
3	270	861	618	430	931
4	723	158	971	673	873
5	806	-965	538	-106	947
6	394	-407	960	-489	120
7	531	372	254	152	568
8	807	-134	386	-305	624
9	462	-296	142	-872	570
10	915	580	709	964	391
Sum					

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No.		Name	
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Mental Multiplication / Mental Division

(Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

Mental Multiplication

21	$78 \times 79 =$
22	$16 \times 48 =$
23	$90 \times 65 =$
24	$81 \times 51 =$
25	$42 \times 27 =$
26	$39 \times 85 =$
27	$53 \times 91 =$
28	$78 \times 64 =$
29	$21 \times 38 =$
30	$62 \times 13 =$
31	$15 \times 56 =$
32	$73 \times 17 =$
33	$86 \times 89 =$
34	$49 \times 42 =$
35	$67 \times 36 =$
36	$278 \times 95 =$
37	$45 \times 621 =$
38	$54 \times 230 =$
39	$976 \times 46 =$
40	$302 \times 73 =$
41	$86 \times 248 =$
42	$473 \times 54 =$
43	$12 \times 715 =$
44	$51 \times 862 =$
45	$960 \times 98 =$
46	$759 \times 67 =$
47	$64 \times 310 =$
48	$214 \times 12 =$
49	$981 \times 48 =$
50	$35 \times 935 =$

Mental Division

51	$1,512 \div 18 =$
52	$1,824 \div 76 =$
53	$4,717 \div 89 =$
54	$9,118 \div 97 =$
55	$1,978 \div 43 =$
56	$1,920 \div 32 =$
57	$3,315 \div 85 =$
58	$3,819 \div 67 =$
59	$3,621 \div 51 =$
60	$432 \div 24 =$
61	$2,800 \div 40 =$
62	$1,260 \div 84 =$
63	$6,873 \div 79 =$
64	$2,100 \div 35 =$
65	$640 \div 20 =$
66	$8,742 \div 186 =$
67	$53,376 \div 64 =$
68	$25,480 \div 910 =$
69	$26,104 \div 52 =$
70	$66,510 \div 739 =$
71	$68,850 \div 810 =$
72	$36,416 \div 64 =$
73	$46,648 \div 476 =$
74	$27,676 \div 74 =$
75	$32,430 \div 69 =$
76	$58,438 \div 958 =$
77	$8,326 \div 23 =$
78	$37,559 \div 529 =$
79	$1,845 \div 123 =$
80	$6,420 \div 30 =$

Answers Mental Calculation Pre-1 Kyu

Mental Sums

1	<u>3,750</u>	6	<u>3,353</u>	11	<u>5,598</u>	16	<u>5,688</u>
2	<u>3,870</u>	7	<u>3,861</u>	12	<u>5,535</u>	17	<u>1,202</u>
3	<u>3,352</u>	8	<u>3,602</u>	13	<u>2,597</u>	18	<u>5,535</u>
4	<u>3,730</u>	9	<u>4,106</u>	14	<u>5,643</u>	19	<u>1,460</u>
5	<u>3,611</u>	10	<u>3,828</u>	15	<u>559</u>	20	<u>5,715</u>

Mental Multiplication

21	<u>6,162</u>	27	<u>4,823</u>	33	<u>7,654</u>	39	<u>44,896</u>	45	<u>94,080</u>
22	<u>768</u>	28	<u>4,992</u>	34	<u>2,058</u>	40	<u>22,046</u>	46	<u>50,853</u>
23	<u>5,850</u>	29	<u>798</u>	35	<u>2,412</u>	41	<u>21,328</u>	47	<u>19,840</u>
24	<u>4,131</u>	30	<u>806</u>	36	<u>26,410</u>	42	<u>25,542</u>	48	<u>2,568</u>
25	<u>1,134</u>	31	<u>840</u>	37	<u>27,945</u>	43	<u>8,580</u>	49	<u>47,088</u>
26	<u>3,315</u>	32	<u>1,241</u>	38	<u>12,420</u>	44	<u>43,962</u>	50	<u>32,725</u>

Mental Division

51	<u>84</u>	57	<u>39</u>	63	<u>87</u>	69	<u>502</u>	75	<u>470</u>
52	<u>24</u>	58	<u>57</u>	64	<u>60</u>	70	<u>90</u>	76	<u>61</u>
53	<u>53</u>	59	<u>71</u>	65	<u>32</u>	71	<u>85</u>	77	<u>362</u>
54	<u>94</u>	60	<u>18</u>	66	<u>47</u>	72	<u>569</u>	78	<u>71</u>
55	<u>46</u>	61	<u>70</u>	67	<u>834</u>	73	<u>98</u>	79	<u>15</u>
56	<u>60</u>	62	<u>15</u>	68	<u>28</u>	74	<u>374</u>	80	<u>214</u>