

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	734	865	428	254	786
2	640	780	590	697	341
3	952	392	361	835	275
4	816	421	276	160	590
5	128	974	943	573	124
6	597	513	157	401	803
7	403	608	802	928	967
Sum					

No.	6	7	8	9	10
1	513	293	701	325	678
2	807	459	946	407	854
3	495	810	583	862	213
4	620	627	120	941	590
5	169	941	817	678	106
6	382	705	462	250	749
7	754	368	359	193	382
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	270	297	954	546	513
2	589	604	827	810	906
3	641	835	310	279	748
4	358	201	-761	531	321
5	943	713	-943	420	-785
6	260	698	856	386	-694
7	701	452	-420	907	802
8	526	581	-136	475	-296
9	897	946	279	692	-150
10	134	370	508	138	473
Sum					

No.	16	17	18	19	20
1	783	764	157	536	157
2	542	203	983	704	964
3	619	195	462	-219	832
4	905	783	510	-458	940
5	318	-128	697	361	816
6	704	-490	428	728	523
7	462	536	301	-109	270
8	829	-672	975	-240	695
9	150	-951	230	953	301
10	637	840	864	687	478
Sum					

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No.		Name	
Date		Score	

Mental Multiplication / Mental Division

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

Mental Multiplication

21	$89 \times 57 =$
22	$56 \times 90 =$
23	$62 \times 38 =$
24	$14 \times 46 =$
25	$43 \times 82 =$
26	$89 \times 21 =$
27	$71 \times 72 =$
28	$27 \times 18 =$
29	$95 \times 37 =$
30	$31 \times 69 =$
31	$75 \times 15 =$
32	$86 \times 36 =$
33	$68 \times 74 =$
34	$91 \times 62 =$
35	$25 \times 53 =$
36	$497 \times 27 =$
37	$125 \times 91 =$
38	$35 \times 564 =$
39	$56 \times 803 =$
40	$248 \times 46 =$
41	$59 \times 980 =$
42	$793 \times 32 =$
43	$310 \times 47 =$
44	$65 \times 259 =$
45	$904 \times 51 =$
46	$81 \times 740 =$
47	$21 \times 631 =$
48	$476 \times 83 =$
49	$78 \times 436 =$
50	$192 \times 18 =$

Mental Division

51	$3,040 \div 76 =$
52	$2,756 \div 53 =$
53	$3,627 \div 39 =$
54	$5,246 \div 61 =$
55	$1,072 \div 16 =$
56	$876 \div 73 =$
57	$3,705 \div 95 =$
58	$2,072 \div 28 =$
59	$1,800 \div 40 =$
60	$2,352 \div 84 =$
61	$7,350 \div 75 =$
62	$1,700 \div 20 =$
63	$2,952 \div 82 =$
64	$6,887 \div 97 =$
65	$3,968 \div 64 =$
66	$35,342 \div 431 =$
67	$32,424 \div 56 =$
68	$2,771 \div 17 =$
69	$6,980 \div 349 =$
70	$14,014 \div 286 =$
71	$14,040 \div 52 =$
72	$29,267 \div 37 =$
73	$74,456 \div 908 =$
74	$7,644 \div 49 =$
75	$32,900 \div 658 =$
76	$46,656 \div 72 =$
77	$24,850 \div 350 =$
78	$76,383 \div 81 =$
79	$5,980 \div 130 =$
80	$7,470 \div 249 =$

Answers Mental Calculation Pre-1 Kyu

Mental Sums

1	<u>4,270</u>	6	<u>3,740</u>	11	<u>5,319</u>	16	<u>5,949</u>
2	<u>4,553</u>	7	<u>4,203</u>	12	<u>5,697</u>	17	<u>1,080</u>
3	<u>3,557</u>	8	<u>3,988</u>	13	<u>1,474</u>	18	<u>5,607</u>
4	<u>3,848</u>	9	<u>3,656</u>	14	<u>5,184</u>	19	<u>2,943</u>
5	<u>3,886</u>	10	<u>3,572</u>	15	<u>1,838</u>	20	<u>5,976</u>

Mental Multiplication

21	<u>5,073</u>	27	<u>5,112</u>	33	<u>5,032</u>	39	<u>44,968</u>	45	<u>46,104</u>
22	<u>5,040</u>	28	<u>486</u>	34	<u>5,642</u>	40	<u>11,408</u>	46	<u>59,940</u>
23	<u>2,356</u>	29	<u>3,515</u>	35	<u>1,325</u>	41	<u>57,820</u>	47	<u>13,251</u>
24	<u>644</u>	30	<u>2,139</u>	36	<u>13,419</u>	42	<u>25,376</u>	48	<u>39,508</u>
25	<u>3,526</u>	31	<u>1,125</u>	37	<u>11,375</u>	43	<u>14,570</u>	49	<u>34,008</u>
26	<u>1,869</u>	32	<u>3,096</u>	38	<u>19,740</u>	44	<u>16,835</u>	50	<u>3,456</u>

Mental Division

51	<u>40</u>	57	<u>39</u>	63	<u>36</u>	69	<u>20</u>	75	<u>50</u>
52	<u>52</u>	58	<u>74</u>	64	<u>71</u>	70	<u>49</u>	76	<u>648</u>
53	<u>93</u>	59	<u>45</u>	65	<u>62</u>	71	<u>270</u>	77	<u>71</u>
54	<u>86</u>	60	<u>28</u>	66	<u>82</u>	72	<u>791</u>	78	<u>943</u>
55	<u>67</u>	61	<u>98</u>	67	<u>579</u>	73	<u>82</u>	79	<u>46</u>
56	<u>12</u>	62	<u>85</u>	68	<u>163</u>	74	<u>156</u>	80	<u>30</u>