

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	730	941	941	291	864
2	174	610	527	708	735
3	652	253	360	562	928
4	498	867	684	643	310
5	809	304	208	829	409
6	316	125	793	350	672
7	527	789	415	417	581
Sum					

No.	6	7	8	9	10
1	604	564	214	396	538
2	421	379	307	703	192
3	593	412	168	125	306
4	178	840	925	841	745
5	349	681	670	657	274
6	862	237	831	982	983
7	750	905	459	430	610
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	163	871	597	631	623
2	479	620	836	542	450
3	205	543	102	708	917
4	180	798	-746	690	-875
5	834	413	-314	124	-381
6	567	502	890	935	269
7	921	956	215	758	540
8	480	379	-650	390	-489
9	693	614	-429	487	-306
10	752	280	378	216	712
Sum					

No.	16	17	18	19	20
1	803	701	948	980	890
2	465	426	751	412	245
3	179	839	203	567	671
4	932	657	426	340	943
5	261	-390	587	-581	312
6	485	-428	619	-372	678
7	907	561	803	196	750
8	748	-945	196	-605	428
9	310	-708	570	-823	139
10	526	213	234	794	506
Sum					

Soroban Technology Lab

Mental Calculation Pre-1 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division

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

Mental Multiplication

21	$65 \times 16 =$
22	$43 \times 69 =$
23	$85 \times 21 =$
24	$18 \times 79 =$
25	$72 \times 98 =$
26	$49 \times 71 =$
27	$51 \times 39 =$
28	$20 \times 54 =$
29	$37 \times 42 =$
30	$95 \times 84 =$
31	$28 \times 16 =$
32	$78 \times 73 =$
33	$31 \times 34 =$
34	$96 \times 53 =$
35	$32 \times 85 =$
36	$437 \times 43 =$
37	$520 \times 89 =$
38	$65 \times 634 =$
39	$184 \times 95 =$
40	$83 \times 251 =$
41	$692 \times 84 =$
42	$57 \times 617 =$
43	$329 \times 47 =$
44	$83 \times 280 =$
45	$14 \times 167 =$
46	$451 \times 57 =$
47	$530 \times 19 =$
48	$79 \times 924 =$
49	$976 \times 35 =$
50	$29 \times 730 =$

Mental Division

51	$2,070 \div 69 =$
52	$8,439 \div 87 =$
53	$1,836 \div 34 =$
54	$2,070 \div 90 =$
55	$216 \div 12 =$
56	$5,548 \div 76 =$
57	$4,872 \div 58 =$
58	$5,112 \div 71 =$
59	$1,495 \div 23 =$
60	$2,205 \div 45 =$
61	$7,735 \div 91 =$
62	$828 \div 23 =$
63	$2,700 \div 54 =$
64	$744 \div 62 =$
65	$1,260 \div 30 =$
66	$11,891 \div 47 =$
67	$11,573 \div 163 =$
68	$49,032 \div 72 =$
69	$64,160 \div 802 =$
70	$86,925 \div 915 =$
71	$32,160 \div 40 =$
72	$18,326 \div 98 =$
73	$46,828 \div 509 =$
74	$18,450 \div 75 =$
75	$50,436 \div 54 =$
76	$39,690 \div 630 =$
77	$15,744 \div 384 =$
78	$13,156 \div 26 =$
79	$12,136 \div 164 =$
80	$24,930 \div 831 =$

Answers Mental Calculation Pre-1 Kyu

Mental Sums

1	<u>3,706</u>	6	<u>3,757</u>	11	<u>5,274</u>	16	<u>5,616</u>
2	<u>3,889</u>	7	<u>4,018</u>	12	<u>5,976</u>	17	<u>926</u>
3	<u>3,928</u>	8	<u>3,574</u>	13	<u>879</u>	18	<u>5,337</u>
4	<u>3,800</u>	9	<u>4,134</u>	14	<u>5,481</u>	19	<u>908</u>
5	<u>4,499</u>	10	<u>3,648</u>	15	<u>1,460</u>	20	<u>5,562</u>

Mental Multiplication

21	<u>1,040</u>	27	<u>1,989</u>	33	<u>1,054</u>	39	<u>17,480</u>	45	<u>2,338</u>
22	<u>2,967</u>	28	<u>1,080</u>	34	<u>5,088</u>	40	<u>20,833</u>	46	<u>25,707</u>
23	<u>1,785</u>	29	<u>1,554</u>	35	<u>2,720</u>	41	<u>58,128</u>	47	<u>10,070</u>
24	<u>1,422</u>	30	<u>7,980</u>	36	<u>18,791</u>	42	<u>35,169</u>	48	<u>72,996</u>
25	<u>7,056</u>	31	<u>448</u>	37	<u>46,280</u>	43	<u>15,463</u>	49	<u>34,160</u>
26	<u>3,479</u>	32	<u>5,694</u>	38	<u>41,210</u>	44	<u>23,240</u>	50	<u>21,170</u>

Mental Division

51	<u>30</u>	57	<u>84</u>	63	<u>50</u>	69	<u>80</u>	75	<u>934</u>
52	<u>97</u>	58	<u>72</u>	64	<u>12</u>	70	<u>95</u>	76	<u>63</u>
53	<u>54</u>	59	<u>65</u>	65	<u>42</u>	71	<u>804</u>	77	<u>41</u>
54	<u>23</u>	60	<u>49</u>	66	<u>253</u>	72	<u>187</u>	78	<u>506</u>
55	<u>18</u>	61	<u>85</u>	67	<u>71</u>	73	<u>92</u>	79	<u>74</u>
56	<u>73</u>	62	<u>36</u>	68	<u>681</u>	74	<u>246</u>	80	<u>30</u>