

Soroban Technology Lab

Mental Calculation Pre-3 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division (8 min)

Mental Multiplication (4 min)

1	$24 \times 7 =$
2	$32 \times 4 =$
3	$95 \times 5 =$
4	$43 \times 9 =$
5	$87 \times 6 =$
6	$19 \times 8 =$
7	$57 \times 2 =$
8	$26 \times 4 =$
9	$64 \times 5 =$
10	$75 \times 7 =$
11	$362 \times 9 =$
12	$410 \times 2 =$
13	$138 \times 8 =$
14	$571 \times 3 =$
15	$896 \times 6 =$
16	$614 \times 7 =$
17	$468 \times 4 =$
18	$705 \times 8 =$
19	$172 \times 9 =$
20	$375 \times 3 =$
21	$243 \times 2 =$
22	$456 \times 6 =$
23	$798 \times 5 =$
24	$609 \times 4 =$
25	$897 \times 9 =$
26	$980 \times 3 =$
27	$269 \times 8 =$
28	$530 \times 6 =$
29	$381 \times 7 =$
30	$120 \times 5 =$

Mental Division (4 min)

1	$305 \div 5 =$
2	$378 \div 7 =$
3	$114 \div 6 =$
4	$765 \div 9 =$
5	$84 \div 2 =$
6	$248 \div 4 =$
7	$266 \div 7 =$
8	$375 \div 5 =$
9	$776 \div 8 =$
10	$84 \div 3 =$
11	$8,064 \div 9 =$
12	$1,044 \div 6 =$
13	$872 \div 2 =$
14	$3,812 \div 4 =$
15	$5,624 \div 8 =$
16	$2,187 \div 9 =$
17	$1,551 \div 3 =$
18	$4,060 \div 5 =$
19	$1,364 \div 4 =$
20	$7,720 \div 8 =$
21	$1,125 \div 9 =$
22	$3,542 \div 7 =$
23	$1,242 \div 6 =$
24	$2,350 \div 5 =$
25	$1,588 \div 2 =$
26	$3,072 \div 8 =$
27	$516 \div 4 =$
28	$2,589 \div 3 =$
29	$4,550 \div 7 =$
30	$5,628 \div 6 =$

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Mental Calculation Pre-3 Kyu Mental Sums (4 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	71	26	47	30	42
2	47	80	14	16	19
3	28	97	76	93	71
4	30	34	95	64	37
5	95	15	82	25	86
6	62	68	30	87	50
Sum					

No.	6	7	8	9	10
1	19	73	53	29	60
2	68	96	71	16	95
3	21	87	40	70	43
4	43	29	69	64	72
5	50	51	34	87	19
6	92	14	85	32	31
7	37	40	12	51	28
Sum					

No.	11	12	13	14	15
1	89	64	20	85	94
2	37	93	76	60	17
3	16	72	84	31	29
4	62	80	37	19	35
5	50	51	53	72	56
6	23	29	19	48	68
7	41	47	61	54	70
Sum					

Answers Mental Calculation Pre-3 Kyu

Mental Multiplication

1	<u>168</u>	7	<u>114</u>	13	<u>1,104</u>	19	<u>1,548</u>	25	<u>8,073</u>
2	<u>128</u>	8	<u>104</u>	14	<u>1,713</u>	20	<u>1,125</u>	26	<u>2,940</u>
3	<u>475</u>	9	<u>320</u>	15	<u>5,376</u>	21	<u>486</u>	27	<u>2,152</u>
4	<u>387</u>	10	<u>525</u>	16	<u>4,298</u>	22	<u>2,736</u>	28	<u>3,180</u>
5	<u>522</u>	11	<u>3,258</u>	17	<u>1,872</u>	23	<u>3,990</u>	29	<u>2,667</u>
6	<u>152</u>	12	<u>820</u>	18	<u>5,640</u>	24	<u>2,436</u>	30	<u>600</u>

Mental Division

1	<u>61</u>	7	<u>38</u>	13	<u>436</u>	19	<u>341</u>	25	<u>794</u>
2	<u>54</u>	8	<u>75</u>	14	<u>953</u>	20	<u>965</u>	26	<u>384</u>
3	<u>19</u>	9	<u>97</u>	15	<u>703</u>	21	<u>125</u>	27	<u>129</u>
4	<u>85</u>	10	<u>28</u>	16	<u>243</u>	22	<u>506</u>	28	<u>863</u>
5	<u>42</u>	11	<u>896</u>	17	<u>517</u>	23	<u>207</u>	29	<u>650</u>
6	<u>62</u>	12	<u>174</u>	18	<u>812</u>	24	<u>470</u>	30	<u>938</u>

Mental Sums

1	<u>333</u>	6	<u>330</u>	11	<u>318</u>
2	<u>320</u>	7	<u>390</u>	12	<u>436</u>
3	<u>344</u>	8	<u>364</u>	13	<u>350</u>
4	<u>315</u>	9	<u>349</u>	14	<u>369</u>
5	<u>305</u>	10	<u>348</u>	15	<u>369</u>