

Soroban Technology Lab

Mental Calculation Pre-3 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	25	48	83	71	90
2	82	96	18	92	58
3	91	50	96	57	39
4	60	14	70	80	67
5	74	23	54	63	21
Sum					

No.	6	7	8	9	10
1	62	16	72	26	79
2	36	70	80	82	46
3	79	29	51	30	85
4	54	64	93	94	10
5	10	35	67	75	37
Sum					

No.	11	12	13	14	15
1	627	234	796	286	951
2	213	560	501	370	370
3	164	489	427	651	582
4	739	321	910	894	649
5	805	607	368	702	713
Sum					

No.	16	17	18	19	20
1	513	502	651	219	304
2	407	841	245	708	781
3	670	729	864	841	162
4	381	415	139	692	497
5	925	630	702	350	530
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	$28 \times 2 =$
22	$16 \times 6 =$
23	$94 \times 4 =$
24	$72 \times 2 =$
25	$89 \times 9 =$
26	$30 \times 8 =$
27	$45 \times 3 =$
28	$89 \times 5 =$
29	$61 \times 6 =$
30	$53 \times 7 =$
31	$73 \times 9 =$
32	$53 \times 5 =$
33	$45 \times 4 =$
34	$17 \times 8 =$
35	$61 \times 4 =$
36	$860 \times 7 =$
37	$961 \times 2 =$
38	$314 \times 6 =$
39	$254 \times 9 =$
40	$398 \times 3 =$
41	$502 \times 5 =$
42	$971 \times 4 =$
43	$679 \times 8 =$
44	$436 \times 6 =$
45	$520 \times 2 =$
46	$706 \times 7 =$
47	$142 \times 3 =$
48	$385 \times 7 =$
49	$247 \times 9 =$
50	$807 \times 3 =$

Mental Division

51	$249 \div 3 =$
52	$511 \div 7 =$
53	$364 \div 4 =$
54	$70 \div 7 =$
55	$496 \div 8 =$
56	$348 \div 6 =$
57	$136 \div 2 =$
58	$115 \div 5 =$
59	$306 \div 9 =$
60	$245 \div 5 =$
61	$216 \div 4 =$
62	$38 \div 2 =$
63	$558 \div 9 =$
64	$228 \div 6 =$
65	$329 \div 7 =$
66	$2,448 \div 3 =$
67	$2,992 \div 4 =$
68	$2,240 \div 8 =$
69	$4,525 \div 5 =$
70	$627 \div 3 =$
71	$1,588 \div 4 =$
72	$1,836 \div 9 =$
73	$7,368 \div 8 =$
74	$3,675 \div 5 =$
75	$1,770 \div 3 =$
76	$5,256 \div 6 =$
77	$294 \div 2 =$
78	$3,744 \div 9 =$
79	$2,920 \div 8 =$
80	$4,557 \div 7 =$

Answers Mental Calculation Pre-3 Kyu

Mental Sums

1	<u>332</u>	6	<u>24/</u>	11	<u>2,548</u>	16	<u>2,896</u>
2	<u>23/</u>	7	<u>2/4</u>	12	<u>2,21/</u>	17	<u>3,117</u>
3	<u>32/</u>	8	<u>363</u>	13	<u>3,002</u>	18	<u>2,601</u>
4	<u>363</u>	9	<u>307</u>	14	<u>2,903</u>	19	<u>2,810</u>
5	<u>275</u>	10	<u>257</u>	15	<u>3,265</u>	20	<u>2,274</u>

Mental Multiplication

21	<u>56</u>	27	<u>135</u>	33	<u>180</u>	39	<u>2,286</u>	45	<u>1,040</u>
22	<u>96</u>	28	<u>445</u>	34	<u>136</u>	40	<u>1,194</u>	46	<u>4,942</u>
23	<u>376</u>	29	<u>366</u>	35	<u>244</u>	41	<u>2,510</u>	47	<u>426</u>
24	<u>144</u>	30	<u>371</u>	36	<u>6,020</u>	42	<u>3,884</u>	48	<u>2,695</u>
25	<u>801</u>	31	<u>657</u>	37	<u>1,922</u>	43	<u>5,432</u>	49	<u>2,223</u>
26	<u>240</u>	32	<u>265</u>	38	<u>1,884</u>	44	<u>2,616</u>	50	<u>2,421</u>

Mental Division

51	<u>83</u>	57	<u>68</u>	63	<u>62</u>	69	<u>905</u>	75	<u>590</u>
52	<u>73</u>	58	<u>23</u>	64	<u>38</u>	70	<u>209</u>	76	<u>876</u>
53	<u>91</u>	59	<u>34</u>	65	<u>47</u>	71	<u>397</u>	77	<u>147</u>
54	<u>10</u>	60	<u>49</u>	66	<u>816</u>	72	<u>204</u>	78	<u>416</u>
55	<u>62</u>	61	<u>54</u>	67	<u>748</u>	73	<u>921</u>	79	<u>365</u>
56	<u>58</u>	62	<u>19</u>	68	<u>280</u>	74	<u>735</u>	80	<u>651</u>