

Soroban Technology Lab

Mental Calculation 8 Kyu

No.		Name	
Date		Score	

Mental Multiplication / Mental Division (8 min)

Mental Multiplication (4 min)

1	$3 \times 5 =$
2	$8 \times 4 =$
3	$9 \times 9 =$
4	$6 \times 6 =$
5	$5 \times 7 =$
6	$7 \times 3 =$
7	$4 \times 5 =$
8	$8 \times 8 =$
9	$6 \times 2 =$
10	$9 \times 7 =$
11	$2 \times 6 =$
12	$3 \times 4 =$
13	$7 \times 8 =$
14	$4 \times 9 =$
15	$5 \times 3 =$
16	$20 \times 7 =$
17	$18 \times 5 =$
18	$70 \times 4 =$
19	$45 \times 2 =$
20	$30 \times 9 =$
21	$21 \times 3 =$
22	$60 \times 8 =$
23	$14 \times 6 =$
24	$50 \times 7 =$
25	$36 \times 2 =$
26	$40 \times 3 =$
27	$23 \times 4 =$
28	$90 \times 9 =$
29	$12 \times 5 =$
30	$80 \times 6 =$

Mental Division (4 min)

1	$64 \div 8 =$
2	$12 \div 4 =$
3	$18 \div 2 =$
4	$30 \div 5 =$
5	$42 \div 6 =$
6	$56 \div 7 =$
7	$12 \div 3 =$
8	$40 \div 8 =$
9	$81 \div 9 =$
10	$28 \div 4 =$
11	$14 \div 7 =$
12	$24 \div 6 =$
13	$15 \div 5 =$
14	$54 \div 9 =$
15	$10 \div 2 =$
16	$72 \div 4 =$
17	$98 \div 7 =$
18	$66 \div 6 =$
19	$39 \div 3 =$
20	$95 \div 5 =$
21	$96 \div 8 =$
22	$90 \div 9 =$
23	$72 \div 6 =$
24	$77 \div 7 =$
25	$68 \div 2 =$
26	$80 \div 8 =$
27	$60 \div 3 =$
28	$80 \div 4 =$
29	$80 \div 5 =$
30	$80 \div 2 =$

Soroban Technology Lab

Mental Calculation 8 Kyu Mental Sums (4 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	4	8	4	9	3
2	5	2	5	/	6
3	/	4	/	4	/
4	7	6	9	5	5
Sum					

No.	6	7	8	9	10
1	/	5	/	7	5
2	3	5	7	2	5
3	6	4	2	/	/
4	2	6	9	6	2
Sum					

No.	11	12	13	14	15
1	3	9	7	3	2
2	7	/	3	7	/
3	/	4	/	9	7
4	2	6	6	/	8
Sum					

Answers Mental Calculation 8 Kyu

Mental Multiplication

1	<u>15</u>	7	<u>20</u>	13	<u>56</u>	19	<u>90</u>	25	<u>72</u>
2	<u>32</u>	8	<u>64</u>	14	<u>36</u>	20	<u>270</u>	26	<u>120</u>
3	<u>81</u>	9	<u>12</u>	15	<u>15</u>	21	<u>63</u>	27	<u>92</u>
4	<u>36</u>	10	<u>63</u>	16	<u>140</u>	22	<u>480</u>	28	<u>810</u>
5	<u>35</u>	11	<u>12</u>	17	<u>90</u>	23	<u>84</u>	29	<u>60</u>
6	<u>21</u>	12	<u>12</u>	18	<u>280</u>	24	<u>350</u>	30	<u>480</u>

Mental Division

1	<u>8</u>	7	<u>4</u>	13	<u>3</u>	19	<u>13</u>	25	<u>34</u>
2	<u>3</u>	8	<u>5</u>	14	<u>6</u>	20	<u>19</u>	26	<u>10</u>
3	<u>9</u>	9	<u>9</u>	15	<u>5</u>	21	<u>12</u>	27	<u>20</u>
4	<u>6</u>	10	<u>7</u>	16	<u>18</u>	22	<u>10</u>	28	<u>20</u>
5	<u>7</u>	11	<u>2</u>	17	<u>14</u>	23	<u>12</u>	29	<u>16</u>
6	<u>8</u>	12	<u>4</u>	18	<u>11</u>	24	<u>11</u>	30	<u>40</u>

Mental Sums

1	<u>17</u>	6	<u>12</u>	11	<u>13</u>
2	<u>20</u>	7	<u>20</u>	12	<u>20</u>
3	<u>19</u>	8	<u>19</u>	13	<u>17</u>
4	<u>19</u>	9	<u>16</u>	14	<u>20</u>
5	<u>15</u>	10	<u>13</u>	15	<u>18</u>