

Soroban Technology Lab

9 Kyu Multiplication / Division (20 min)

No.		Name	
Date		Score	

Multiplication (10 min)

1	$60 \times 2 =$
2	$29 \times 6 =$
3	$90 \times 7 =$
4	$16 \times 9 =$
5	$40 \times 3 =$
6	$52 \times 4 =$
7	$30 \times 7 =$
8	$74 \times 5 =$
9	$80 \times 6 =$
10	$51 \times 8 =$
11	$\cancel{60} \times 6 =$
12	$\cancel{53} \times 9 =$
13	$\cancel{80} \times 7 =$
14	$\cancel{45} \times 8 =$
15	$\cancel{70} \times 2 =$
16	$\cancel{18} \times 8 =$
17	$\cancel{40} \times 9 =$
18	$\cancel{97} \times 5 =$
19	$\cancel{30} \times 3 =$
20	$\cancel{26} \times 4 =$

Division (10 min)

1	$240 \div 3 =$
2	$172 \div 4 =$
3	$140 \div 2 =$
4	$96 \div 6 =$
5	$300 \div 5 =$
6	$312 \div 8 =$
7	$270 \div 3 =$
8	$116 \div 2 =$
9	$140 \div 7 =$
10	$486 \div 9 =$
11	$\cancel{60} \div 3 =$
12	$\cancel{285} \div 5 =$
13	$\cancel{320} \div 8 =$
14	$\cancel{60} \div 4 =$
15	$\cancel{180} \div 2 =$
16	$\cancel{204} \div 6 =$
17	$\cancel{560} \div 7 =$
18	$\cancel{310} \div 5 =$
19	$\cancel{630} \div 9 =$
20	$\cancel{84} \div 4 =$

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9 Kyu Sums (8 min)

No.		Name	
Date		Score	

No.	1	2	3	4	5
1	$\frac{2}{5}$	$\frac{34}{8}$	$\frac{7}{-3}$	$\frac{70}{93}$	$\frac{79}{-28}$
2	$\frac{7}{2}$	$\frac{8}{90}$	$\frac{9}{61}$	$\frac{4}{2}$	$\frac{1}{5}$
3	$\frac{2}{60}$	$\frac{90}{6}$	$\frac{-3}{5}$	$\frac{93}{6}$	$\frac{-28}{30}$
4	$\frac{60}{93}$	$\frac{6}{2}$	$\frac{61}{5}$	$\frac{2}{6}$	$\frac{5}{30}$
5	$\frac{93}{8}$	$\frac{2}{71}$	$\frac{5}{-20}$	$\frac{6}{81}$	$\frac{30}{-4}$
6	$\frac{8}{4}$	$\frac{71}{5}$	$\frac{-20}{84}$	$\frac{81}{5}$	$\frac{-4}{6}$
7	$\frac{4}{Sum}$	$\frac{5}{Sum}$	$\frac{84}{Sum}$	$\frac{5}{Sum}$	$\frac{6}{Sum}$

No.	6	7	8	9	10
1	$\frac{8}{3}$	$\frac{7}{20}$	$\frac{98}{41}$	$\frac{3}{7}$	$\frac{83}{-1}$
2	$\frac{3}{25}$	$\frac{5}{20}$	$\frac{6}{-57}$	$\frac{20}{41}$	$\frac{6}{70}$
3	$\frac{25}{61}$	$\frac{20}{6}$	$\frac{-57}{4}$	$\frac{41}{7}$	$\frac{70}{-1}$
4	$\frac{61}{9}$	$\frac{6}{19}$	$\frac{4}{20}$	$\frac{7}{5}$	$\frac{-1}{92}$
5	$\frac{9}{70}$	$\frac{19}{3}$	$\frac{20}{-1}$	$\frac{5}{8}$	$\frac{92}{5}$
6	$\frac{70}{4}$	$\frac{3}{48}$	$\frac{-1}{3}$	$\frac{8}{96}$	$\frac{5}{-4}$
7	$\frac{4}{Sum}$	$\frac{48}{Sum}$	$\frac{3}{Sum}$	$\frac{96}{Sum}$	$\frac{-4}{Sum}$

Answers 9 Kyu

Multiplication

1	<u>120</u>	6	<u>208</u>	11	<u>¥360</u>	16	<u>¥144</u>
2	<u>174</u>	7	<u>210</u>	12	<u>¥477</u>	17	<u>¥360</u>
3	<u>630</u>	8	<u>370</u>	13	<u>¥560</u>	18	<u>¥485</u>
4	<u>144</u>	9	<u>480</u>	14	<u>¥360</u>	19	<u>¥90</u>
5	<u>120</u>	10	<u>408</u>	15	<u>¥140</u>	20	<u>¥104</u>

Division

1	<u>80</u>	6	<u>39</u>	11	<u>¥20</u>	16	<u>¥34</u>
2	<u>43</u>	7	<u>90</u>	12	<u>¥57</u>	17	<u>¥80</u>
3	<u>70</u>	8	<u>58</u>	13	<u>¥40</u>	18	<u>¥62</u>
4	<u>16</u>	9	<u>20</u>	14	<u>¥15</u>	19	<u>¥70</u>
5	<u>60</u>	10	<u>54</u>	15	<u>¥90</u>	20	<u>¥21</u>

Sums

1	<u>¥189</u>	6	<u>¥180</u>
2	<u>¥216</u>	7	<u>¥108</u>
3	<u>¥143</u>	8	<u>¥73</u>
4	<u>¥261</u>	9	<u>¥180</u>
5	<u>¥89</u>	10	<u>¥251</u>