Name : _____ Score : _____

Teacher : _____ Date : _____

Multiplying Fractions with Cross Canceling

1) $\frac{3}{5} \times \frac{1}{3} = \frac{\cancel{3}^{1} \times 1}{5 \times \cancel{3}_{1}} = \frac{1}{5}$

2) $\frac{2}{5} \times \frac{5}{10} = \frac{\cancel{2}^{1} \times \cancel{5}^{1}}{\cancel{5}_{1} \times \cancel{10}_{5}} = \frac{1}{5}$

3) $\frac{2}{5} \times \frac{9}{10} = \frac{\cancel{2}^{1} \times 9}{5 \times \cancel{10}_{5}} = \frac{9}{25}$

4) $\frac{2}{4} \times \frac{2}{3} = \frac{\cancel{2}^{1} \times \cancel{2}^{1}}{\cancel{2}_{1} \times 3} = \frac{1}{3}$

5) $\frac{4}{5} \times \frac{7}{10} = \frac{\cancel{4}^{2} \times 7}{5 \times \cancel{10}_{5}} = \frac{14}{25}$

6) $\frac{2}{3} \times \frac{4}{5} = \frac{2 \times 4}{3 \times 5} = \frac{8}{15}$

7) $\frac{1}{5} \times \frac{1}{3} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$

8) $\frac{1}{2} \times \frac{4}{10} = \frac{1 \times \cancel{4}^{\cancel{2}\,1}}{\cancel{2}_{1} \times \cancel{10}_{5}} = \frac{1}{5}$

9) $\frac{1}{2} \times \frac{2}{5} = \frac{1 \times \cancel{2}^{1}}{\cancel{2}_{1} \times 5} = \frac{1}{5}$

10) $\frac{1}{5} \times \frac{1}{3} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$

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