

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions with Cross Canceling

- 1) $\frac{3}{5} \times \frac{1}{3} = \frac{\overset{1}{\cancel{3}} \times 1}{5 \times \cancel{3}^1} = \frac{1}{5}$
- 2) $\frac{2}{5} \times \frac{5}{10} = \frac{\overset{1}{\cancel{2}} \times \cancel{5}^1}{\underset{1}{\cancel{5}} \times \cancel{10}_5} = \frac{1}{5}$
- 3) $\frac{2}{5} \times \frac{9}{10} = \frac{\overset{1}{\cancel{2}} \times 9}{5 \times \cancel{10}_5} = \frac{9}{25}$
- 4) $\frac{2}{4} \times \frac{2}{3} = \frac{\overset{1}{\cancel{2}} \times \cancel{2}^1}{\underset{1}{\cancel{4}}_2 \times 3} = \frac{1}{3}$
- 5) $\frac{4}{5} \times \frac{7}{10} = \frac{\overset{2}{\cancel{4}} \times 7}{5 \times \cancel{10}_5} = \frac{14}{25}$
- 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) $\frac{1}{2} \times \frac{4}{10} = \frac{1 \times \cancel{4}^2}{\underset{1}{\cancel{2}} \times \cancel{10}_5} = \frac{1}{5}$
- 9) $\frac{1}{2} \times \frac{2}{5} = \frac{1 \times \cancel{2}^1}{\underset{1}{\cancel{2}} \times 5} = \frac{1}{5}$
- 10) $\frac{1}{5} \times \frac{1}{3} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$