

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions with Cross Canceling

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

$$2) \quad \frac{2}{5} \times \frac{5}{10} = \frac{\overset{1}{\cancel{2}} \times \cancel{5}^1}{\underset{1}{\cancel{5}} \times \cancel{10}_5} = \frac{1}{5}$$

$$3) \quad \frac{2}{5} \times \frac{9}{10} = \frac{\overset{1}{\cancel{2}} \times 9}{5 \times \cancel{10}_5} = \frac{9}{25}$$

$$4) \quad \frac{2}{4} \times \frac{2}{3} = \frac{\overset{1}{\cancel{2}} \times \cancel{2}^1}{\underset{1}{\cancel{4}}_2 \times 3} = \frac{1}{3}$$

$$5) \quad \frac{4}{5} \times \frac{7}{10} = \frac{\overset{2}{\cancel{4}} \times 7}{5 \times \cancel{10}_5} = \frac{14}{25}$$

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

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

$$8) \quad \frac{1}{2} \times \frac{4}{10} = \frac{1 \times \cancel{4}^2}{\underset{1}{\cancel{2}} \times \cancel{10}_5} = \frac{1}{5}$$

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

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