

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions with Cross Canceling

$$1) \quad \frac{3}{5} \times \frac{2}{10} =$$

$$2) \quad \frac{1}{3} \times \frac{1}{2} =$$

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

$$4) \quad \frac{1}{2} \times \frac{1}{5} =$$

$$5) \quad \frac{2}{10} \times \frac{4}{5} =$$

$$6) \quad \frac{4}{5} \times \frac{1}{2} =$$

$$7) \quad \frac{6}{10} \times \frac{1}{2} =$$

$$8) \quad \frac{1}{2} \times \frac{3}{4} =$$

$$9) \quad \frac{2}{3} \times \frac{1}{2} =$$

$$10) \quad \frac{1}{10} \times \frac{1}{2} =$$

$$11) \quad \frac{5}{10} \times \frac{4}{5} =$$

$$12) \quad \frac{3}{4} \times \frac{1}{5} =$$

$$13) \quad \frac{1}{10} \times \frac{1}{2} =$$

$$14) \quad \frac{1}{4} \times \frac{6}{10} =$$

$$15) \quad \frac{3}{4} \times \frac{1}{2} =$$

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$$\begin{array}{l}
 1) \quad \frac{3}{5} \times \frac{2}{10} = \frac{\overset{3}{\cancel{3}} \times \overset{2}{\cancel{2}} \overset{1}{1}}{\underset{5}{\cancel{5}} \times \underset{10}{\cancel{10}} \overset{5}{5}} = \frac{3}{25} \\
 2) \quad \frac{1}{3} \times \frac{1}{2} = \frac{1 \times 1}{3 \times 2} = \frac{1}{6} \\
 3) \quad \frac{1}{3} \times \frac{1}{5} = \frac{1 \times 1}{3 \times 5} = \frac{1}{15} \\
 4) \quad \frac{1}{2} \times \frac{1}{5} = \frac{1 \times 1}{2 \times 5} = \frac{1}{10} \\
 5) \quad \frac{2}{10} \times \frac{4}{5} = \frac{\overset{2}{\cancel{2}} \times \overset{4}{\cancel{4}} \overset{2}{2}}{\overset{5}{\cancel{10}} \times \overset{5}{5}} = \frac{4}{25} \\
 6) \quad \frac{4}{5} \times \frac{1}{2} = \frac{\overset{2}{\cancel{4}} \times 1}{\overset{5}{5} \times \overset{2}{\cancel{2}} \overset{1}{1}} = \frac{2}{5} \\
 7) \quad \frac{6}{10} \times \frac{1}{2} = \frac{\overset{3}{\cancel{6}} \times 1}{\overset{5}{\cancel{10}} \times \overset{2}{\cancel{2}} \overset{1}{1}} = \frac{3}{10} \\
 8) \quad \frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8} \\
 9) \quad \frac{2}{3} \times \frac{1}{2} = \frac{\overset{1}{\cancel{2}} \times 1}{3 \times \overset{2}{\cancel{2}} \overset{1}{1}} = \frac{1}{3} \\
 10) \quad \frac{1}{10} \times \frac{1}{2} = \frac{1 \times 1}{10 \times 2} = \frac{1}{20} \\
 11) \quad \frac{5}{10} \times \frac{4}{5} = \frac{\overset{1}{\cancel{5}} \times \overset{4}{\cancel{4}} \overset{2}{2}}{\overset{5}{\cancel{10}} \times \overset{5}{5}} = \frac{2}{5} \\
 12) \quad \frac{3}{4} \times \frac{1}{5} = \frac{3 \times 1}{4 \times 5} = \frac{3}{20} \\
 13) \quad \frac{1}{10} \times \frac{1}{2} = \frac{1 \times 1}{10 \times 2} = \frac{1}{20} \\
 14) \quad \frac{1}{4} \times \frac{6}{10} = \frac{1 \times \overset{3}{\cancel{6}} \overset{2}{2}}{\overset{2}{\cancel{4}} \times \overset{5}{\cancel{10}}} = \frac{3}{20} \\
 15) \quad \frac{3}{4} \times \frac{1}{2} = \frac{3 \times 1}{4 \times 2} = \frac{3}{8}
 \end{array}$$