Name _____

MULTIPLICATION FRACTION

Solve the fraction problem and reduce the answer to simplest form:

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

$\frac{1}{2} \times \frac{3}{4} =$

$\frac{2}{4} \times \frac{1}{2} =$

$\frac{1}{2} \times \frac{2}{5} =$

$\frac{2}{4} \times \frac{1}{2} =$

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

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

$\frac{1}{2} \times \frac{1}{5} =$

MULTIPLICATION FRACTION

Solve the fraction problem and reduce the answer to simplest form:

$$\frac{1}{2} \times \frac{2}{3} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{2}^1}{3} \quad \triangleright \quad \frac{1 \times 1}{1 \times 3} \quad \triangleright \quad \frac{1}{3}$$

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

$$\frac{2}{4} \times \frac{1}{2} = \frac{\cancel{2}^1}{4} \times \frac{1}{\cancel{2}_1} \quad \triangleright \quad \frac{1 \times 1}{4 \times 1} \quad \triangleright \quad \frac{1}{4}$$

$$\frac{1}{2} \times \frac{2}{5} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{2}^1}{5} \quad \triangleright \quad \frac{1 \times 1}{1 \times 5} \quad \triangleright \quad \frac{1}{5}$$

$$\frac{2}{4} \times \frac{1}{2} = \frac{\cancel{2}^1}{4} \times \frac{1}{\cancel{2}_1} \quad \triangleright \quad \frac{1 \times 1}{4 \times 1} \quad \triangleright \quad \frac{1}{4}$$

$$\frac{1}{4} \times \frac{2}{5} = \frac{1}{\cancel{4}_2} \times \frac{\cancel{2}^1}{5} \quad \triangleright \quad \frac{1 \times 1}{2 \times 5} \quad \triangleright \quad \frac{1}{10}$$

$$\frac{1}{2} \times \frac{2}{3} = \frac{1}{\cancel{2}_1} \times \frac{\cancel{2}^1}{3} \quad \triangleright \quad \frac{1 \times 1}{1 \times 3} \quad \triangleright \quad \frac{1}{3}$$

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