

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Multiplying Proper Fractions

1. Cancel.
2. Multiply.
3. Write your answer  
in simplest form.

Example: Multiply  $\frac{2}{5} \times \frac{10}{16}$

Step 1:  $\frac{2}{5} \times \frac{10}{16}$

Step 2:  $\frac{1 \cancel{2}}{1 \cancel{5}} \times \frac{\cancel{10}^2 \cancel{1}}{\cancel{16}_8^4}$

Step 2 cont.:  $\frac{1 \cdot 1}{1 \cdot 4}$

Step 3:  $\frac{1}{4}$

$$\frac{1}{10} \times \frac{2}{6} = \underline{\hspace{2cm}}$$

$$\frac{1}{15} \times \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{2}{4} \times \frac{3}{6} = \underline{\hspace{2cm}}$$

$$\frac{9}{10} \times \frac{13}{16} = \underline{\hspace{2cm}}$$

$$\frac{3}{8} \times \frac{4}{10} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{4}{6} \times \frac{5}{16} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} \times \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{3}{6} \times \frac{4}{6} = \underline{\hspace{2cm}}$$

$$\frac{6}{15} \times \frac{3}{8} = \underline{\hspace{2cm}}$$

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Step 1:  $\frac{2}{5} \times \frac{10}{16}$

Step 2:  $\frac{1 \cancel{2}}{1 \cancel{5}} \times \frac{\cancel{10}^2}{\cancel{16}_8^4}$

Step 2 cont.:  $\frac{1 \cdot 1}{1 \cdot 4}$

Step 3:  $\frac{1}{4}$

$$\frac{1}{10} \times \frac{2}{6} = \frac{1}{30}$$

$$\frac{1}{15} \times \frac{2}{3} = \frac{2}{45}$$

$$\frac{2}{4} \times \frac{3}{6} = \frac{1}{4}$$

$$\frac{9}{10} \times \frac{13}{16} = \frac{117}{160}$$

$$\frac{3}{8} \times \frac{4}{10} = \frac{3}{20}$$

$$\frac{4}{5} \times \frac{1}{3} = \frac{4}{15}$$

$$\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$$

$$\frac{6}{8} \times \frac{1}{2} = \frac{3}{8}$$

$$\frac{4}{6} \times \frac{5}{16} = \frac{5}{24}$$

$$\frac{7}{8} \times \frac{4}{5} = \frac{7}{10}$$

$$\frac{3}{6} \times \frac{4}{6} = \frac{1}{3}$$

$$\frac{6}{15} \times \frac{3}{8} = \frac{3}{20}$$