

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

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

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

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

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

$$\frac{2}{6} \times \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{7}{16} \times \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{5}{14} \times \frac{3}{16} = \underline{\hspace{2cm}}$$

$$\frac{1}{15} \times \frac{2}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{8} \times \frac{12}{15} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{9}{14} \times \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{13}{15} \times \frac{15}{16} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \times \frac{11}{12} = \underline{\hspace{2cm}}$$

$$\frac{2}{10} \times \frac{1}{4} = \underline{\hspace{2cm}}$$

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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:  $\frac{1}{4}$

$$\frac{6}{16} \times \frac{2}{4} = \frac{3}{16}$$

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

$$\frac{2}{6} \times \frac{5}{8} = \frac{5}{24}$$

$$\frac{7}{16} \times \frac{2}{3} = \frac{7}{24}$$

$$\frac{5}{14} \times \frac{3}{16} = \frac{15}{224}$$

$$\frac{1}{15} \times \frac{2}{4} = \frac{1}{30}$$

$$\frac{1}{8} \times \frac{12}{15} = \frac{1}{10}$$

$$\frac{7}{8} \times \frac{1}{2} = \frac{7}{16}$$

$$\frac{9}{14} \times \frac{2}{3} = \frac{3}{7}$$

$$\frac{13}{15} \times \frac{15}{16} = \frac{13}{16}$$

$$\frac{1}{3} \times \frac{11}{12} = \frac{11}{36}$$

$$\frac{2}{10} \times \frac{1}{4} = \frac{1}{20}$$