

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: $\frac{1}{4}$

$$\frac{11}{25} \times \frac{11}{25} = \underline{\hspace{2cm}}$$

$$\frac{9}{10} \times \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \times \frac{1}{14} = \underline{\hspace{2cm}}$$

$$\frac{7}{18} \times \frac{11}{14} = \underline{\hspace{2cm}}$$

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

$$\frac{3}{6} \times \frac{1}{14} = \underline{\hspace{2cm}}$$

$$\frac{12}{15} \times \frac{5}{25} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \times \frac{11}{20} = \underline{\hspace{2cm}}$$

$$\frac{3}{10} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} \times \frac{1}{16} = \underline{\hspace{2cm}}$$

$$\frac{15}{18} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} \times \frac{8}{16} = \underline{\hspace{2cm}}$$

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

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

$$\frac{11}{25} \times \frac{11}{25} = \frac{121}{625}$$

$$\frac{9}{10} \times \frac{4}{5} = \frac{18}{25}$$

$$\frac{6}{8} \times \frac{1}{14} = \frac{3}{56}$$

$$\frac{7}{18} \times \frac{11}{14} = \frac{11}{36}$$

$$\frac{2}{4} \times \frac{1}{5} = \frac{1}{10}$$

$$\frac{3}{6} \times \frac{1}{14} = \frac{1}{28}$$

$$\frac{12}{15} \times \frac{5}{25} = \frac{4}{25}$$

$$\frac{6}{8} \times \frac{11}{20} = \frac{33}{80}$$

$$\frac{3}{10} \times \frac{5}{6} = \frac{1}{4}$$

$$\frac{5}{8} \times \frac{1}{16} = \frac{5}{128}$$

$$\frac{15}{18} \times \frac{1}{2} = \frac{5}{12}$$

$$\frac{1}{2} \times \frac{8}{16} = \frac{1}{4}$$