

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: $\frac{1}{4}$

$$\frac{5}{10} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{14}{16} \times \frac{8}{16} = \underline{\hspace{2cm}}$$

$$\frac{4}{16} \times \frac{2}{8} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} \times \frac{2}{15} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} \times \frac{6}{14} = \underline{\hspace{2cm}}$$

$$\frac{1}{5} \times \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} \times \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} \times \frac{4}{14} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} \times \frac{1}{4} = \underline{\hspace{2cm}}$$

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

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

$$\frac{1}{4} \times \frac{1}{6} = \underline{\hspace{2cm}}$$

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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: $\frac{1}{4}$

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

$$\frac{14}{16} \times \frac{8}{16} = \frac{7}{16}$$

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

$$\frac{3}{4} \times \frac{2}{15} = \frac{1}{10}$$

$$\frac{3}{5} \times \frac{6}{14} = \frac{9}{35}$$

$$\frac{1}{5} \times \frac{1}{6} = \frac{1}{30}$$

$$\frac{7}{8} \times \frac{2}{3} = \frac{7}{12}$$

$$\frac{3}{4} \times \frac{4}{14} = \frac{3}{14}$$

$$\frac{5}{6} \times \frac{1}{4} = \frac{5}{24}$$

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

$$\frac{1}{2} \times \frac{5}{16} = \frac{5}{32}$$

$$\frac{1}{4} \times \frac{1}{6} = \frac{1}{24}$$