

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: $\frac{1}{4}$

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

$$\frac{5}{16} \times \frac{8}{14} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} \times \frac{8}{18} = \underline{\hspace{2cm}}$$

$$\frac{9}{20} \times \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} \times \frac{2}{20} = \underline{\hspace{2cm}}$$

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

$$\frac{6}{8} \times \frac{4}{8} = \underline{\hspace{2cm}}$$

$$\frac{4}{20} \times \frac{11}{25} = \underline{\hspace{2cm}}$$

$$\frac{13}{18} \times \frac{1}{4} = \underline{\hspace{2cm}}$$

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

$$\frac{10}{25} \times \frac{9}{10} = \underline{\hspace{2cm}}$$

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

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

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

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

$$\frac{5}{16} \times \frac{8}{14} = \frac{5}{28}$$

$$\frac{1}{2} \times \frac{8}{18} = \frac{2}{9}$$

$$\frac{9}{20} \times \frac{2}{3} = \frac{3}{10}$$

$$\frac{1}{3} \times \frac{2}{20} = \frac{1}{30}$$

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

$$\frac{6}{8} \times \frac{4}{8} = \frac{3}{8}$$

$$\frac{4}{20} \times \frac{11}{25} = \frac{11}{125}$$

$$\frac{13}{18} \times \frac{1}{4} = \frac{13}{72}$$

$$\frac{2}{12} \times \frac{1}{2} = \frac{1}{12}$$

$$\frac{10}{25} \times \frac{9}{10} = \frac{9}{25}$$

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