

Name: _____

Date: _____

Dividing Proper Fractions

1. Keep the first fraction.
2. Change the “÷” symbol to “x”.
3. Cancel, if you can.
4. Multiply.
5. Write your answer in simplest form.

Example: $\frac{3}{5} \div \frac{6}{15}$

Step 1 & 2: $\frac{3}{5} \times \frac{15}{6}$

Step 3: $\frac{1}{1} \frac{\cancel{3}}{\cancel{5}} \times \frac{15}{\cancel{6}} \frac{3}{2}$

Step 4 & 5: $\frac{1 \cdot 3}{1 \cdot 2} = \frac{3}{2} = 1 \frac{1}{2}$

$$\frac{8}{20} \div \frac{1}{14} = \underline{\hspace{2cm}}$$

$$\frac{8}{9} \div \frac{5}{10} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} \div \frac{4}{8} = \underline{\hspace{2cm}}$$

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

$$\frac{3}{8} \div \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{1}{10} \div \frac{7}{15} = \underline{\hspace{2cm}}$$

$$\frac{14}{16} \div \frac{4}{5} = \underline{\hspace{2cm}}$$

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

$$\frac{3}{14} \div \frac{4}{9} = \underline{\hspace{2cm}}$$

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

$$\frac{1}{3} \div \frac{7}{14} = \underline{\hspace{2cm}}$$

$$\frac{1}{16} \div \frac{10}{21} = \underline{\hspace{2cm}}$$

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4. Multiply.
5. Write your answer in simplest form.

Example: $\frac{3}{5} \div \frac{6}{15}$

Step 1 & 2: $\frac{3}{5} \times \frac{15}{6}$

Step 3: $\frac{1\cancel{3}}{5} \times \frac{15}{\cancel{6}2}$

Step 4 & 5: $\frac{1 \cdot 3}{1 \cdot 2} = \frac{3}{2} = 1\frac{1}{2}$

$$\frac{8}{20} \div \frac{1}{14} = \underline{5\frac{3}{5}}$$

$$\frac{8}{9} \div \frac{5}{10} = \underline{1\frac{7}{9}}$$

$$\frac{5}{12} \div \frac{4}{8} = \underline{\frac{5}{6}}$$

$$\frac{9}{10} \div \frac{4}{5} = \underline{1\frac{1}{8}}$$

$$\frac{3}{8} \div \frac{1}{6} = \underline{2\frac{1}{4}}$$

$$\frac{1}{10} \div \frac{7}{15} = \underline{\frac{3}{14}}$$

$$\frac{14}{16} \div \frac{4}{5} = \underline{1\frac{3}{32}}$$

$$\frac{6}{8} \div \frac{2}{15} = \underline{5\frac{5}{8}}$$

$$\frac{3}{14} \div \frac{4}{9} = \underline{\frac{27}{56}}$$

$$\frac{5}{15} \div \frac{5}{12} = \underline{\frac{4}{5}}$$

$$\frac{1}{3} \div \frac{7}{14} = \underline{\frac{2}{3}}$$

$$\frac{1}{16} \div \frac{10}{21} = \underline{\frac{21}{160}}$$