

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:  $\frac{1 \cdot 3}{1 \cdot 2} = \frac{3}{2} = 1 \frac{1}{2}$

$$\frac{5}{15} \div \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} \div \frac{10}{20} = \underline{\hspace{2cm}}$$

$$\frac{7}{15} \div \frac{5}{9} = \underline{\hspace{2cm}}$$

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

$$\frac{9}{12} \div \frac{3}{4} = \underline{\hspace{2cm}}$$

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

$$\frac{13}{16} \div \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \div \frac{4}{9} = \underline{\hspace{2cm}}$$

$$\frac{13}{25} \div \frac{16}{20} = \underline{\hspace{2cm}}$$

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

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

$$\frac{1}{5} \div \frac{4}{15} = \underline{\hspace{2cm}}$$

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

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

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

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

$$\frac{5}{15} \div \frac{1}{5} = \underline{1\frac{2}{3}}$$

$$\frac{5}{8} \div \frac{10}{20} = \underline{1\frac{1}{4}}$$

$$\frac{7}{15} \div \frac{5}{9} = \underline{\frac{21}{25}}$$

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

$$\frac{9}{12} \div \frac{3}{4} = \underline{1}$$

$$\frac{3}{9} \div \frac{4}{14} = \underline{1\frac{1}{6}}$$

$$\frac{13}{16} \div \frac{1}{4} = \underline{3\frac{1}{4}}$$

$$\frac{6}{8} \div \frac{4}{9} = \underline{1\frac{11}{16}}$$

$$\frac{13}{25} \div \frac{16}{20} = \underline{\frac{13}{20}}$$

$$\frac{2}{4} \div \frac{1}{5} = \underline{2\frac{1}{2}}$$

$$\frac{1}{10} \div \frac{1}{4} = \underline{\frac{2}{5}}$$

$$\frac{1}{5} \div \frac{4}{15} = \underline{\frac{3}{4}}$$