

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

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

$$\frac{7}{25} \div \frac{14}{20} = \underline{\hspace{2cm}}$$

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

$$\frac{2}{8} \div \frac{7}{20} = \underline{\hspace{2cm}}$$

$$\frac{2}{14} \div \frac{17}{25} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} \div \frac{8}{21} = \underline{\hspace{2cm}}$$

$$\frac{12}{20} \div \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{11}{15} \div \frac{11}{16} = \underline{\hspace{2cm}}$$

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

$$\frac{5}{6} \div \frac{3}{20} = \underline{\hspace{2cm}}$$

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

$$\frac{4}{10} \div \frac{1}{9} = \underline{\hspace{2cm}}$$

$$\frac{1}{21} \div \frac{4}{6} = \underline{\hspace{2cm}}$$

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

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

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

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

$$\frac{7}{25} \div \frac{14}{20} = \underline{\frac{2}{5}}$$

$$\frac{2}{9} \div \frac{5}{15} = \underline{\frac{2}{3}}$$

$$\frac{2}{8} \div \frac{7}{20} = \underline{\frac{5}{7}}$$

$$\frac{2}{14} \div \frac{17}{25} = \underline{\frac{25}{119}}$$

$$\frac{5}{6} \div \frac{8}{21} = \underline{2 \frac{3}{16}}$$

$$\frac{12}{20} \div \frac{1}{3} = \underline{1 \frac{4}{5}}$$

$$\frac{11}{15} \div \frac{11}{16} = \underline{1 \frac{1}{15}}$$

$$\frac{9}{10} \div \frac{8}{9} = \underline{1 \frac{1}{80}}$$

$$\frac{5}{6} \div \frac{3}{20} = \underline{5 \frac{5}{9}}$$

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

$$\frac{4}{10} \div \frac{1}{9} = \underline{3 \frac{3}{5}}$$

$$\frac{1}{21} \div \frac{4}{6} = \underline{\frac{1}{14}}$$