

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: $\frac{1 \cancel{3}}{1 \cancel{5}} \times \frac{\cancel{15}^3}{\cancel{6}_2}$

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

$$\frac{1}{3} \div \frac{2}{21} = \underline{\hspace{2cm}}$$

$$\frac{6}{20} \div \frac{9}{10} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} \div \frac{10}{14} = \underline{\hspace{2cm}}$$

$$\frac{8}{15} \div \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{11}{21} \div \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} \div \frac{8}{9} = \underline{\hspace{2cm}}$$

$$\frac{5}{9} \div \frac{6}{8} = \underline{\hspace{2cm}}$$

$$\frac{5}{21} \div \frac{1}{9} = \underline{\hspace{2cm}}$$

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

$$\frac{11}{14} \div \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{13}{16} \div \frac{17}{21} = \underline{\hspace{2cm}}$$

$$\frac{3}{14} \div \frac{3}{12} = \underline{\hspace{2cm}}$$

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

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

Step 3: $\frac{1\cancel{3}}{5} \times \frac{15}{\cancel{6}^3_2}$

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

$$\frac{1}{3} \div \frac{2}{21} = \underline{3\frac{1}{2}}$$

$$\frac{6}{20} \div \frac{9}{10} = \underline{\frac{1}{3}}$$

$$\frac{4}{5} \div \frac{10}{14} = \underline{1\frac{3}{25}}$$

$$\frac{8}{15} \div \frac{3}{4} = \underline{\frac{32}{45}}$$

$$\frac{11}{21} \div \frac{1}{3} = \underline{1\frac{4}{7}}$$

$$\frac{2}{3} \div \frac{8}{9} = \underline{\frac{3}{4}}$$

$$\frac{5}{9} \div \frac{6}{8} = \underline{\frac{20}{27}}$$

$$\frac{5}{21} \div \frac{1}{9} = \underline{2\frac{1}{7}}$$

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

$$\frac{11}{14} \div \frac{2}{3} = \underline{1\frac{5}{28}}$$

$$\frac{13}{16} \div \frac{17}{21} = \underline{1\frac{1}{272}}$$

$$\frac{3}{14} \div \frac{3}{12} = \underline{\frac{6}{7}}$$