

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

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

$$\frac{9}{16} \div \frac{5}{8} = \underline{\hspace{2cm}}$$

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

$$\frac{18}{25} \div \frac{6}{21} = \underline{\hspace{2cm}}$$

$$\frac{13}{21} \div \frac{5}{16} = \underline{\hspace{2cm}}$$

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

$$\frac{6}{9} \div \frac{11}{12} = \underline{\hspace{2cm}}$$

$$\frac{7}{25} \div \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{3}{6} \div \frac{9}{12} = \underline{\hspace{2cm}}$$

$$\frac{4}{12} \div \frac{1}{10} = \underline{\hspace{2cm}}$$

$$\frac{2}{8} \div \frac{7}{10} = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \div \frac{2}{12} = \underline{\hspace{2cm}}$$

$$\frac{2}{4} \div \frac{23}{25} = \underline{\hspace{2cm}}$$

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

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

$$\frac{9}{16} \div \frac{5}{8} = \underline{\frac{9}{10}}$$

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

$$\frac{18}{25} \div \frac{6}{21} = \underline{2 \frac{13}{25}}$$

$$\frac{13}{21} \div \frac{5}{16} = \underline{1 \frac{103}{105}}$$

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

$$\frac{6}{9} \div \frac{11}{12} = \underline{\frac{8}{11}}$$

$$\frac{7}{25} \div \frac{1}{5} = \underline{1 \frac{2}{5}}$$

$$\frac{3}{6} \div \frac{9}{12} = \underline{\frac{2}{3}}$$

$$\frac{4}{12} \div \frac{1}{10} = \underline{3 \frac{1}{3}}$$

$$\frac{2}{8} \div \frac{7}{10} = \underline{\frac{5}{14}}$$

$$\frac{1}{6} \div \frac{2}{12} = \underline{1}$$

$$\frac{2}{4} \div \frac{23}{25} = \underline{\frac{25}{46}}$$