

Dividing Fractions

* Reciprocal - flip-flop the fraction

$$\frac{1}{4} = \frac{4}{1}$$

$$\frac{2}{3} = \frac{3}{2}$$

$$\frac{23}{99} = \frac{99}{23}$$

** When you divide fractions, you really multiply **

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

Steps:

K C F

1. Write KCF

2. Cross Cancel

3. Multiply

4. Simplify

$$2 \frac{3}{4} \times \frac{6}{1} = \frac{9}{2} = 4 \frac{1}{2}$$

Keep it!
Change it!
Flip it!

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

K C F

$$4 \frac{4}{8} \times \frac{6}{1} = \frac{12}{4} = 3$$

$$\frac{6}{1} \div \frac{1}{6} =$$

K C F

$$\frac{6}{1} \times \frac{6}{1} = \frac{36}{1} = 36$$

$$\frac{1}{2} \div \frac{9}{1} =$$

K C F

$$\frac{1}{2} \times \frac{1}{9} = \frac{1}{18}$$