

Divide by multiplying by the reciprocal of the divisor (the second fraction in the sentence).

$$\frac{3}{5} \div \frac{1}{4}$$

$$\frac{6}{7} \div \frac{2}{3}$$

$$3\frac{1}{2} \div 2\frac{1}{4}$$

$$7 \div \frac{2}{5}$$

$$\frac{5}{9} \div 8$$

In these next problems, I would like you to divide by following these steps:

1. Find LCM if the denominators are different.
2. Cross out the denominators
3. And just divide the numerators.
4. Lastly I want you to draw models based on the fractions with SAME denominators.

Look at the example below:

$$\frac{2}{3} \div \frac{1}{4}$$

After finding the LCM $\frac{8}{12} \div \frac{3}{12}$

Denominators are crossed out $8 \div 3 = \frac{8}{3}$

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

The advantage of doing it this way, is that it is much easier to model $\frac{8}{12} \div \frac{3}{12}$ because we are dividing fractions that share the same denominator. You did watch the video, right?

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

$$\frac{5}{6} \div \frac{1}{2}$$

$\frac{7}{8} \div \frac{3}{4}$	$5 \div \frac{2}{3}$
$\frac{4}{5} \div 3$	

Christina has $\frac{9}{10}$ cup of sugar. Each batch of cookies require $\frac{1}{4}$ cup of sugar. How many batches of cookies can she make? Use a model to find the answer as well as doing arithmetically (this means divide). You are free to choose whichever method of dividing you prefer.

