

Dividing Fractions by Fractions Interactive Notebook

Prep Work -

- Print off notes.
- Gather up colored pencils and pencils

Directions -

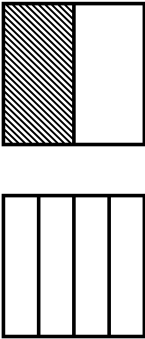
1. Follow the instructions on the page to help children create an area model for multiplying fractions by fractions.

You may also like:

Dividing Fractions by Fractions

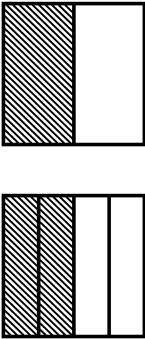
Step 1:

First, draw an array for the dividend. Directly underneath it draw an array that has as many equal parts as the denominator in the divisor.

Example:	Your Turn:
$\frac{1}{2} \div \frac{1}{4}$ 	$\frac{1}{3} \div \frac{1}{6}$

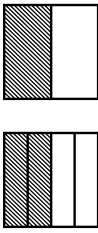
Step 2:

Color in the bottom array until you are equal with the top array.

Example:	Your Turn:
$\frac{1}{2} \div \frac{1}{4}$ 	$\frac{1}{3} \div \frac{1}{6}$ <p>Color in $\frac{1}{6}$ on the bottom second model that you drew.</p>

Step 3.

Finally, we count up all the parts that have been shaded twice. This is the numerator. Count up how many parts are in the whole rectangle and that is the denominator.

<i>Example:</i>	<i>Your Turn:</i>
$\frac{1}{2} \div \frac{1}{4}$  <p>When $\frac{1}{2}$ is divided into fourths there are two equal parts. So the answer is</p> 2	$\frac{1}{3} \div \frac{1}{6}$ <p>Look at your model and figure out the answer. Write it here!</p>