

Division

$$6 \div 3$$

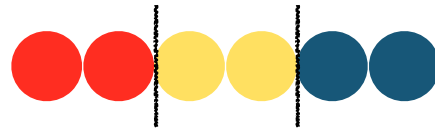
We start with 6 circles



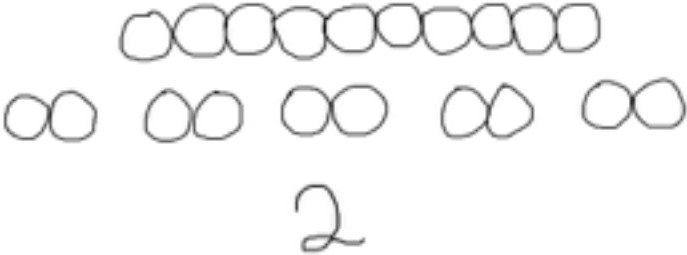
We divide them into 3 piles



There are two circles in each pile,
so our answer is 2



Practice: Model using circles

$10 \div 5$  2	$8 \div 4$
$12 \div 4$	$12 \div 3$

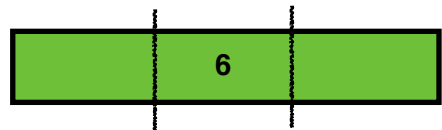
$$6 \div 3$$

We start with a 6 bar



We divide the bar into 3 parts

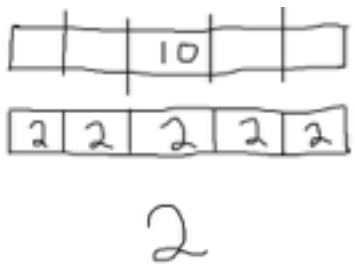
We figure out how big each section is



In this problem, each bar is of size 2. So our answer is 2!



Practice: Model using bars

<p>$10 \div 5$</p>  <p>2</p>	<p>$8 \div 4$</p>
<p>$12 \div 4$</p>	<p>$12 \div 3$</p>

$24 \div 6$

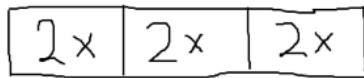
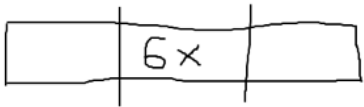
$20 \div 5$

$40 \div 10$

$100 \div 4$

$6x \div 3$

$15y \div 5$



$2x$

$100a \div 10$

$20x \div 2$

Another Way of Viewing Division!

$$10 \div 2 = ?$$



What is 10 divided by 2?

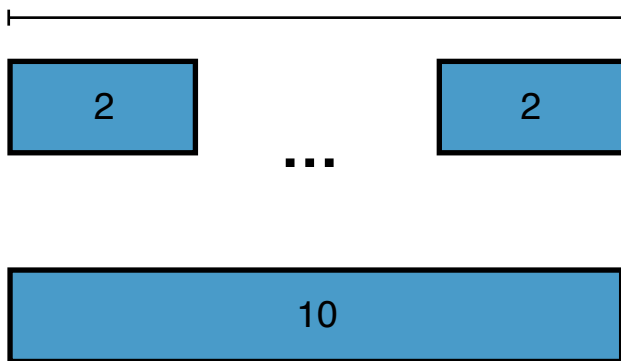
$$2 \times ? = 10$$



How many 2's do we add to have 10?

These two equations are asking the same question!

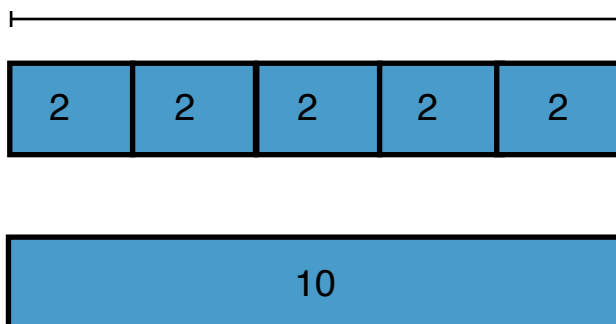
?



Let's model $2 \times ? = 10$

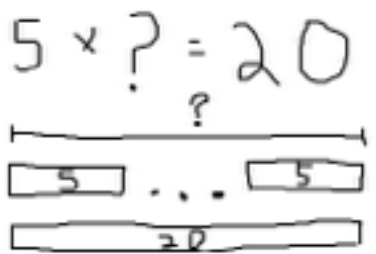
We use ... to show that we are adding up an unknown number of 2 blocks

5



Ahhh the ? is 5!
It takes five 2 blocks to make 10.

Practice: Model using bars

<p>$20 \div 5$</p> <p>$5 \times ? = 20$</p>  <p>4</p>	<p>$8 \div 4$</p>
<p>$12 \div 4$</p>	<p>$12 \div 3$</p>
<p>$40 \div 10$</p>	<p>$100 \div 4$</p>