
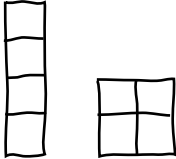



# COUNTDOWN CHALLENGE

## Prime Number Graphics

Take a look at the figures below. Notice that because 3 is a prime number, we can only draw one rectangle that has an area of 3. 4, on the other hand, is not a prime number. As a result, we can draw more than one rectangle with an area of 4. There is one rectangle below with an area of 5. Can you draw another? Is 5 a prime number?

<i>Number</i>	3	4	5
<i>Rectangle(s)</i>			
<i>Prime?</i>	yes		

Try drawing all possible rectangles with the areas given below, then decide if the number is prime.

<i>Number</i>	7	8	9
<i>Rectangle(s)</i>			
<i>Prime?</i>	yes		