Area - third grade

Yesterday we measured the outside of the shape - perimeter. Today we will measure the inside of the shape AREA. Area is always written in square units or squared ft, in, yds …

Let's review what we know about Area:

https://www.youtube.com/watch?v=1He7shdHYnM

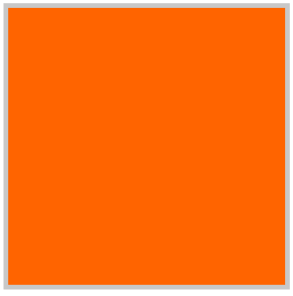
There are different strategies to find Area:

1. count each square 1 by 1
2. use repeated addition
3. use the formula A = length x width

I prefer to use the equation A = l x w
Let's try a few together:

 length 3 inches
width 4 inches

3 x 4 = 12 inches ² or 12 square inches



width 5 inches 5 x 5 = 25 inches² or 25 inches squared

Now you try some on your own:

Area worksheet

Now let's figure out how to find the length of a missing side when we know the total area. What is the inverse of multiplication? Right - division
So when we don't know the length of one of the sides - we will divide!

Let's review how to do this:

https://www.youtube.com/watch?v=0Oz38y57--I

Let's try one together:
The total area is 48 square inches. The length of the rectangle is 8 inches. What is the width?

l x w = 48 so 8 x ___ = 48 or 48 ÷ 8 = 6

width is 6 inches

If you need extra review on Area watch this:

https://www.youtube.com/watch?v=8cz_IB65pZM