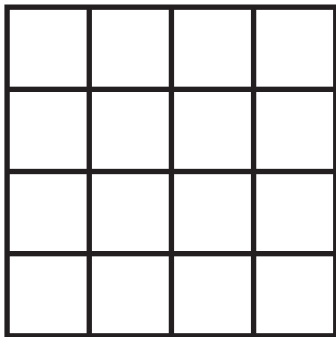# Comparing Areas

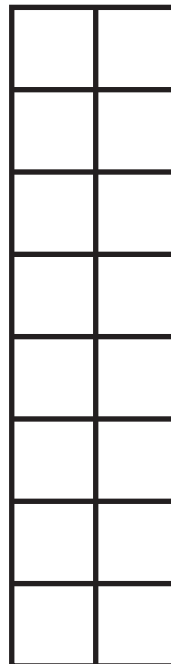**Area** is defined as the extent or size of a two dimensional shape.

The larger the area of your plate, the more room you have to eat your food. The larger the area of your backyard, the more room you have to play games. Even though some shapes may appear different, they can still contain the same area.

Use the rectangles below as an example. Even though one is tall and skinny, and one is short and fat, they still contain the same number of squares. They have the same area.

#2

#1

Count the squares in each shape. How many squares do both of the shapes contain?

_____

How many squares tall is shape #2?   _____

How many squares wide is shape #1?   _____

What number do you get when you multiply the height by the width of shape #1? _____

How many squares tall is shape #2?   _____

How many squares wide is shape #2?   _____

What number do you get when you multiply the height by the width of shape #2? _____