Different Square Units (Part 1)

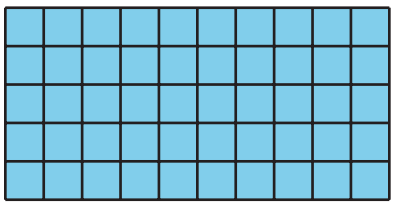
Let's learn about different units we can use to measure area.

Warm-up

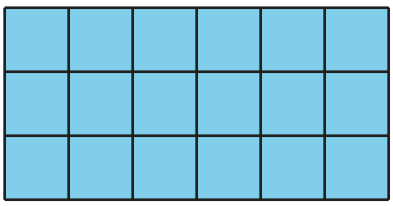
Notice and Wonder: Squares, Squares

What do you notice? What do you wonder?

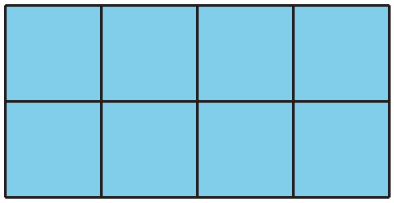
A



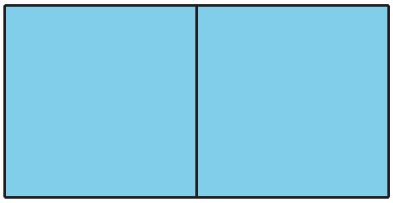
B



C



D



Activity 1

Same Rectangle, Different Units

Your teacher will give you 2 kinds of grid paper. Use them to create a rectangle for each expression.

Partner 1: Use grid 1.

Partner 2: Use grid 2.

1. 2×5

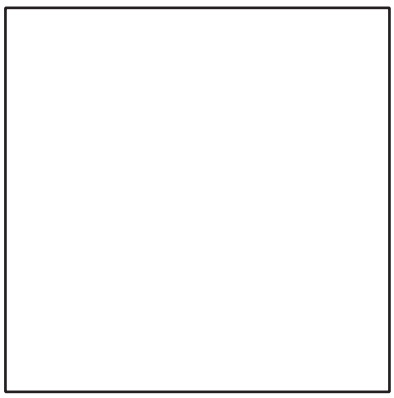
2. 7×3

3. 6×8

Activity 2

What's the Area?

Estimate how many square centimeters and square inches it will take to tile this square.



- about _____ square inches
- about _____ square centimeters

1. Use the inch grid and the centimeter grid to find the area of the square.
   - _____ square inches
   - _____ square centimeters
2. Write a multiplication expression that describes the rows and the columns in the square, and represents the area in each unit.
   - _____ square inches
   - _____ square centimeters