

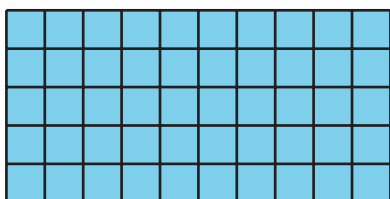
# Lesson 6: Different Square Units (Part 1)

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

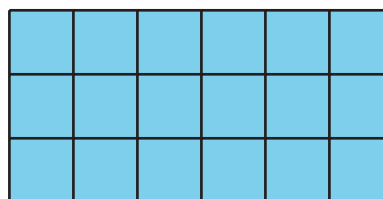
## Warm-up: Notice and Wonder: Squares, Squares

What do you notice? What do you wonder?

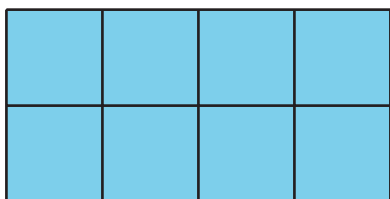
**A**



**B**



**C**



**D**



## 6.1: Same Rectangle, Different Units

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

Partner 1: Use grid 1.

Partner 2: Use grid 2.

1.  $2 \times 5$

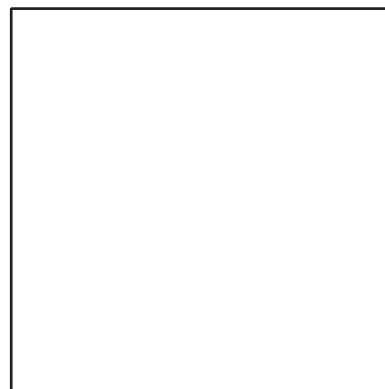
2.  $7 \times 3$

3.  $6 \times 8$

## 6.2: What's the Area?

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

- square inches (estimate) \_\_\_\_\_
- square centimeters (estimate) \_\_\_\_\_



1. Use the inch grid and centimeter grid to find the area of the square

- square inches \_\_\_\_\_
- square centimeters \_\_\_\_\_

2. Write a multiplication expression that describes the rows and columns in the square and can tell us the area in each unit.

- square inches \_\_\_\_\_
- square centimeters \_\_\_\_\_