Unit 2, Lesson 7

Different Square Units (Part 2)

Let's learn about larger square units.

Warm-up

Notice and Wonder: A Larger Square

What do you notice? What do you wonder?

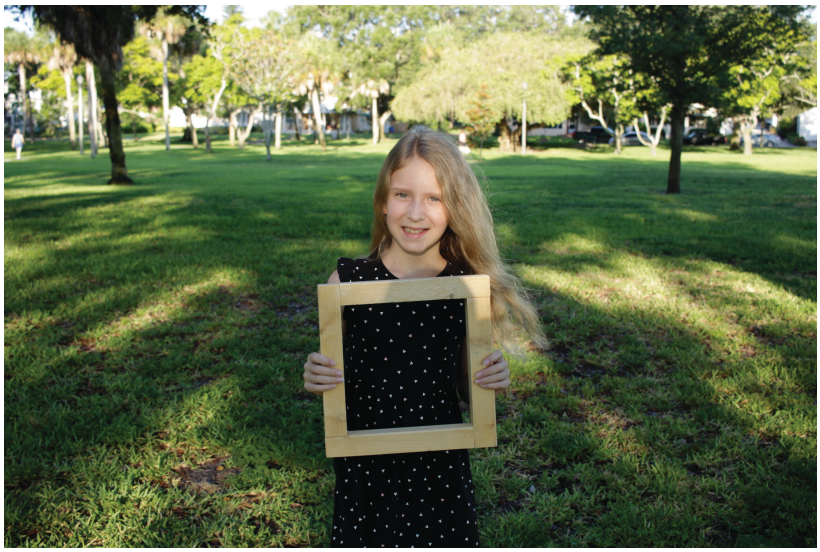
Activity 1

Square Feet and Square Meters

1. This is a square meter.

What kinds of areas would make sense to measure with square meters? Be ready to explain your reasoning.

2. This is a square foot.



What kinds of areas would make sense to measure with square feet? Be ready to explain your reasoning.

Activity 2

Which Square Unit?

1. For each area, tell if you would use square centimeters, square inches, square feet, or square meters to measure it. Be ready to explain your choices.

   a. a baseball field

   _____

   b. a book cover

   _____

   c. our classroom floor

   _____

   d. a piece of paper

   _____

   e. the top of a table

   _____

   f. the screen on a phone

   _____

2. Choose the area that best matches each item. Be ready to explain your reasoning.

- about 9 square inches
- about 3 square feet
- about 55 square centimeters
- about 55 square meters

a. a playing card

_____

b. the floor of a classroom

_____

c. a sticky note

_____

d. the top of a student desk

_____

Activity 3

Area Scavenger Hunt

Find an object or a space that you would measure with square inches, square centimeters, square feet, and square meters. Explain your unit choices.

area	square unit and reasoning
Example: a piece of paper	*Example:* "I think it can fit about 8 inches across and 10 inches down, so square inches work well. It can be measured in square centimeters, too, but it would just take a lot more squares. Square feet and square meters would be too large."