

Unit 5 Module 4 Session 2

Problems & Investigations- Finding Areas Large & Small

Getting Ready-

- SB 177-178 Finding Areas Large and Small
- SB 179 Grid Paper
- 12" × 18" construction paper in any color (8 pieces per 6 students; see Preparation)
- A piece of copy paper
- 2 or 3 pieces of 18" × 24" chart paper

VOCABULARY

Area

Dimension

Estimate

Measure

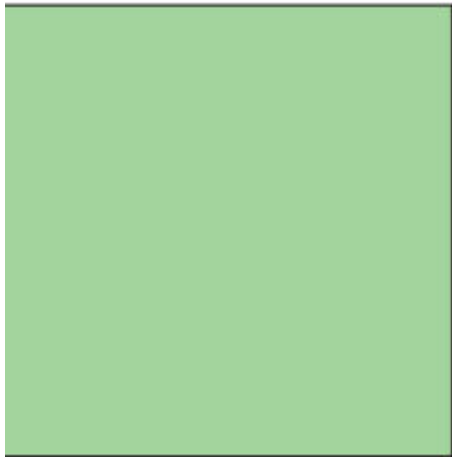
Square

Square Unit

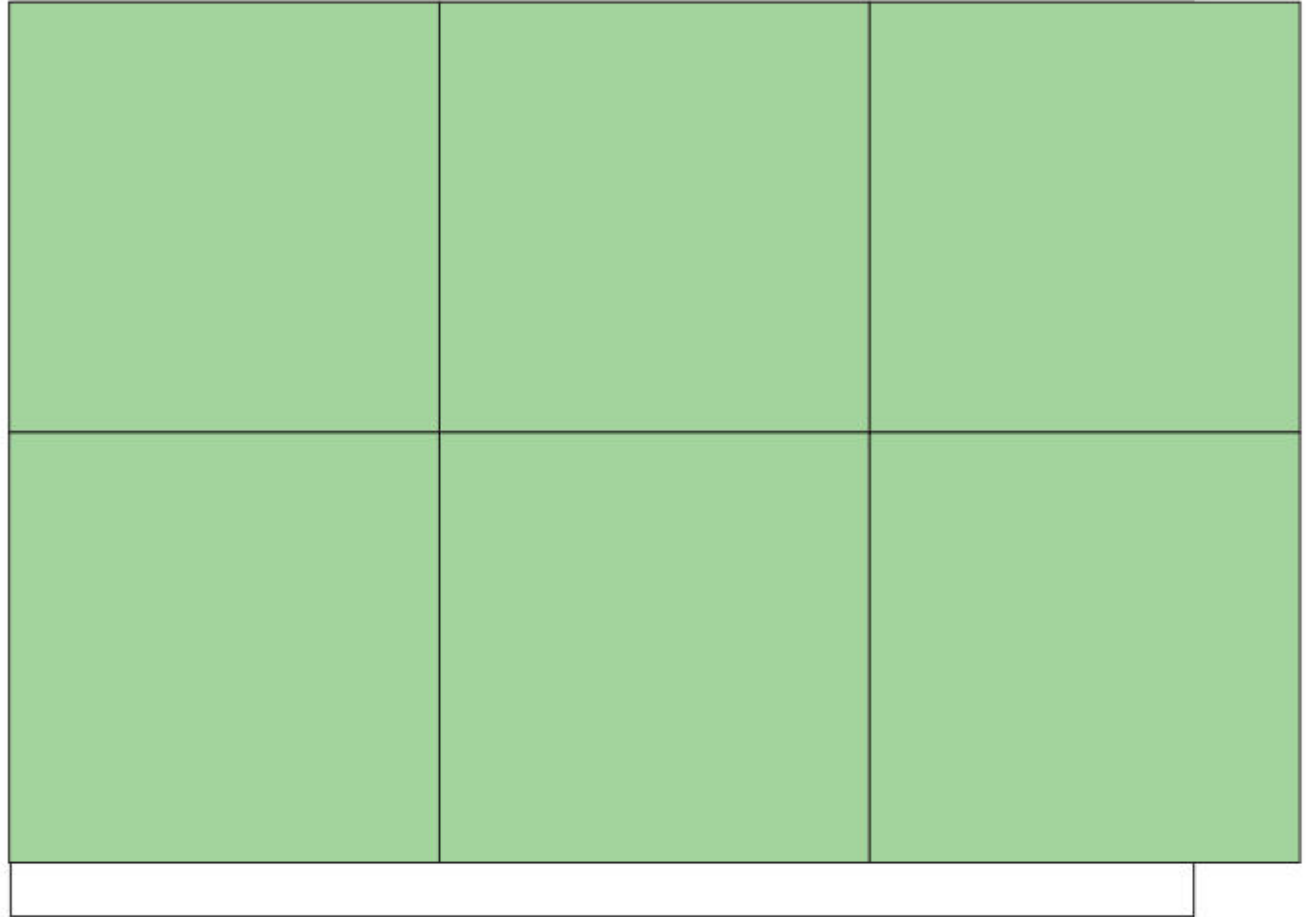
Rectangle



- Demonstrate an understanding that a plane figure that can be covered without gaps or overlaps by n unit squares has an area of n square units
- Demonstrate an understanding that a square with a side length of 1 unit is called a "unit square" and has 1 square unit of area
- Demonstrate an understanding that unit squares can be used to measure the areas of other plane figures
- Measure the area of a plane figure by counting the number of square units that cover it
- Find the area of a rectangle with whole-number side lengths by tiling it



What would you say the approximate measurement is in **square units**?








Finding Areas Large & Small page 1 of 2



PAGE 177 PLEASE

After you and your partner have completed page 177 go on to page 178.

Object	Your Estimate (in square units)	Approximate Measurement (in square units)	The Difference (in square units)
1 Area of a large picture book 			
2 Area of a chair seat 			
3 Area of a desk or a small table 			

What does difference mean?

4 Area of the top
of a bookshelf

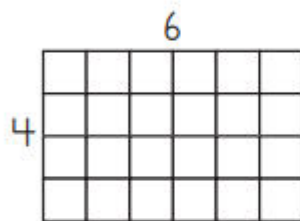


5 Area of a piece of
chart paper



- 6 The rectangles below have already been marked with square units. Record the dimensions of each and then find the area. Write 2 different equations to show how you found the area of each.

ex



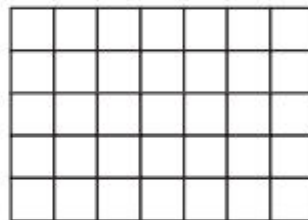
Area = 24 square units

Equations:

$$6 + 6 + 6 + 6 = 24$$

$$4 \times 6 = 24$$

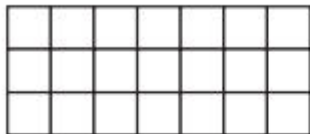
a



Area = _____ square units

Equations:

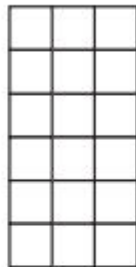
b



Area = _____ square units

Equations:

c



Area = _____ square units

Equations:

Work Places

4C Target One Thousand

4D Hexagon Spin & Fill

5A Solving Game Store Problems

5B Scout them Out

5C Line 'Em Up

5D Division Capture

Daily Practice

SB 180 Finding More Areas