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LESSON 5-6

Area: Standard Units

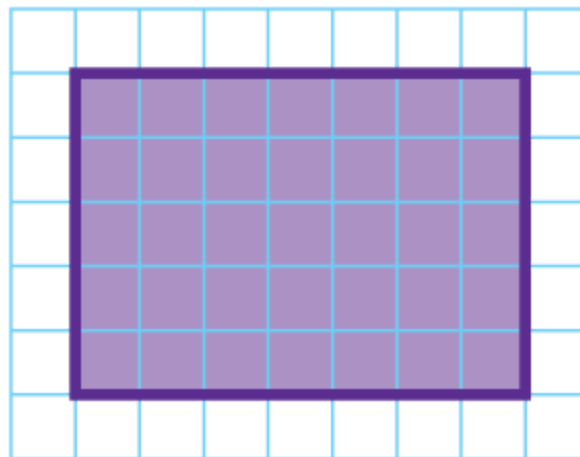
 [MA.3.GR.2.2](#), [MTR.1.1](#), [MTR.4.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Each unit square represents a standard unit. Count the shaded unit squares. Then write the area.



 = 1 square cm

35 unit squares;

35 square centimeters

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Count the shaded squares inside the rectangle. There are 35. The key says that each square equals 1 square cm, so the area is 35 square centimeters.

HOME ACTIVITY

Perfect Squares

MATERIALS

Grid Paper, Highlighter or Colored Pencil

ACTIVITY

Help your child find areas of squares they color on grid paper with a highlighter. Follow this sequence of steps and questions:

Color 1 unit square on the grid paper. What is the area? (1 square unit)

Color a square that is 2 units long and 2 units wide. How many squares are colored? (4)
What is the area? (4 square units)

Color a square that is 3 units long and 3 units wide. How many squares are colored? (9)
What is the area? (9 square units)

Color a square that is 4 units long and 4 units wide. How many squares are colored? (16)
What is the area? (16 square units)

Continue this pattern until you have a square that is 10 units long and 10 units wide, with an area of 100 square units.

Ask your child to write the pattern of areas, in square units: 1, 4, 9, 16, 25, 36, 49, 64, 81, 100. Tell your child these numbers are called perfect squares. Ask: What are the next two perfect squares? (121 and 144)

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