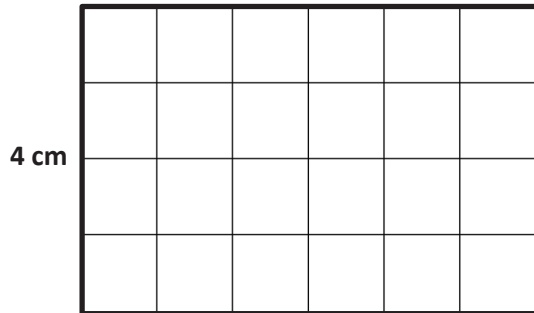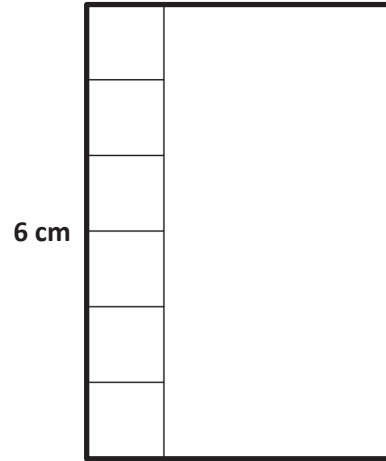Name _____ Date _____

1. Use the centimeter side of a ruler to draw in the tiles, and then skip-count to find the unknown area. Write a multiplication sentence for each tiled rectangle.
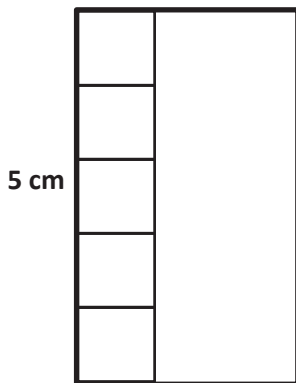
   a. Area: **24** square centimeters.

   4 cm

   ___4___ × _____ = ___24___

   b. Area: **24** square centimeters.

   6 cm

   _____ × _____ = _____

   c. Area: **15** square centimeters.

   5 cm

   _____ × _____ = _____

   d. Area: **15** square centimeters.

   3 cm

   _____ × _____ = _____

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Lesson 5: Form rectangles by tiling with unit squares to make arrays.

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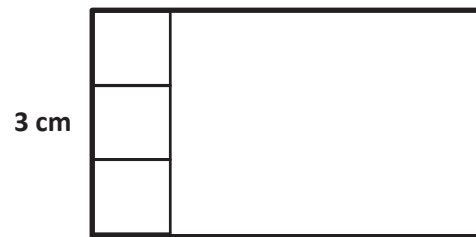
2. Ally makes a rectangle with 45 square inch tiles. She arranges the tiles in 5 equal rows. How many square inch tiles are in each row? Use words, pictures, and numbers to support your answer.

3. Leon makes a rectangle with 36 square centimeter tiles. There are 4 equal rows of tiles.

    a. How many tiles are in each row? Use words, pictures, and numbers to support your answer.

    b. Can Leon arrange all of his 36 square centimeter tiles into 6 equal rows? Use words, pictures, and numbers to support your answer.

    c. Do the rectangles in Parts (a) and (b) have the same total area? Explain how you know.

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Lesson 5: Form rectangles by tiling with unit squares to make arrays.

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