

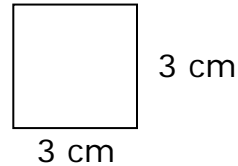
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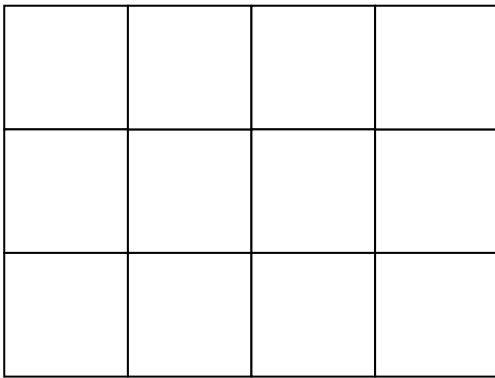
Measure Area By Counting Units- Step-by-Step Lesson

Lesson 1 Measure areas by counting unit squares:

If each square below is equivalent to:



What is the area of the square below?



Explanation 1:

Squares are regular quadrilateral. Regular quadrilaterals are composed of four right angles and all their sides are equal.

Since the two adjacent sides have equal length, we can multiply both the sides to determine the area of one square:

$$3 \times 3 = 9 \text{ cm}^2$$

To find the area of square first count all the small boxes in the square. This figure contains 12 small boxes. Multiply 12 small boxes with the adjacent sides:

$$12 \times 9 \text{ cm}^2 = 108 \text{ cm}^2$$

The area of square is 108 cm^2 .

