Area of Squares and Rectangles

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Solve and show all steps.

A rectangular garden has a length of 12 meters and a width of 7 meters. What is the area of the garden?	Show all steps here
Sarah's bedroom rug is shaped like a square. One side of the rug measures 5 feet. What is the area of Sarah's rug?	Show all steps here
A farmer wants to cover a rectangular field with new grass. The field is 250 yards long and 100 yards wide. How many square yards of grass will the farmer need?	Show all steps here
A square-shaped tile has an area of 64 square inches. What is the length of one side of the tile?	Show all steps here
Emily is drawing a rectangle. She wants its area to be 48 square centimeters. If the length of her rectangle is 8 centimeters, what should the width of her rectangle be?	Show all steps here

Solve and show all steps.

84 square meters

25 square feet

25,000 square yards

8 inches

6 centimeters