
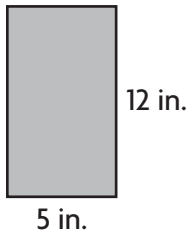


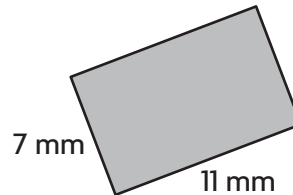


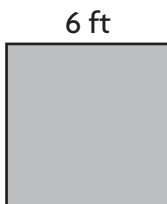
Apply the Area Formula to Rectangles

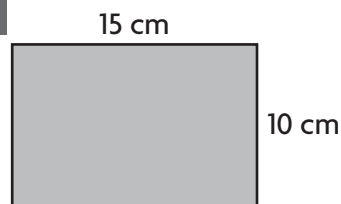
- 1**  **Construct an Argument** Lorena has a square piece of fabric. She measures one side and finds that it is 9 inches long. Does Lorena have enough information to find the area of the fabric piece? Explain your answer.

Find the area.

2

3

4

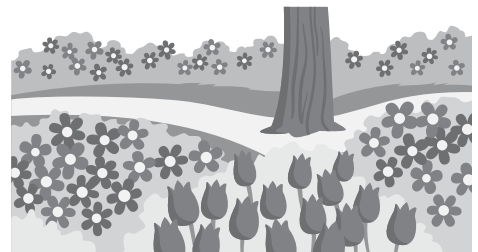
5

- 6** **Math on the Spot** Nancy and Luke are drawing plans for rectangular flower gardens. In Nancy's plan, the garden is 18 feet by 12 feet. In Luke's plan, the garden is 15 feet by 15 feet. Who drew the garden plan with the greater area? What is the area?

The area of Nancy's garden is _____.

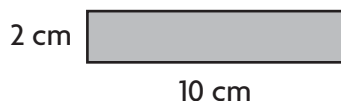
The area of Luke's garden is _____.

_____ garden has the greater area.



Test Prep

- 7 What is the area of the rectangle?



- (A) 12 sq cm (C) 22 sq cm
(B) 20 sq cm (D) 24 sq cm

- 8 What is the area of the square?



- (A) 5 sq yd
(B) 10 sq yd
(C) 20 sq yd
(D) 25 sq yd
- 9 The square rug in a bedroom covers 64 square feet.
What is the length of one of the sides of the rug?
- (A) 8 feet (C) 16 feet
(B) 8 square feet (D) 16 square feet

Spiral Review

- 10 Ken goes to a store with \$27. He buys 4 packages of sports socks. Each package costs \$6. How much money does Ken have now? Show your work.

- 11 One ticket to the new amusement park costs \$74. How much do 6 tickets cost?
