

Area of Squares and Rectangles: Word Problems

The area of a rectangular pool is 500 square feet. If the width of the pool is 20 feet, then what is its length?

1. 25 feet 45 feet
 50 feet 20 feet

The area of Robin's rectangular room is 100 square feet. If the width of the room is 5 feet, then what is its length?

2. 25 feet 10 feet
 30 feet 20 feet

One side of a square grocery store is 15 feet long. What is the area of the store?

3. 300 square feet 130 square feet
 225 square feet 125 square feet

Zack needs to paint a wall that is 12 feet tall and 12 feet wide. What is the total area that Zack needs to paint?

4. 24 square feet 144 square feet
 50 square feet 175 square feet

The length of a rectangular duck pond is 18 yards. Its area is 216 square yards. What is its width?

5. 15 yards 24 yards
 20 yards 12 yards

One side of a square park is 50 feet long. What is the area of the park?

6. 2000 square feet 2500 square feet
 100 square feet 500 square feet

A rectangular store has an area of 2,000 square feet and a length of 50 feet. Find its width.

7. 40 feet 50 feet
 45 feet 30 feet