

# AREA OF RECTANGLES

**HOMEWORK**  
**4/21/2021**

1. The surface included within a plane figure is called –

a. angle	b. area
c. volume	d. perimeter

2. We solve for the area of rectangles by –

a. multiply length x width	b. add 2 sides
c. multiply side length x side length	d. add all 4 sides

3. What is the area of the rectangle?



a. 10 ft <sup>2</sup>	b. 20 ft <sup>2</sup>
c. 24 ft <sup>2</sup>	d. 36 ft <sup>2</sup>

4. What is the area of the rectangle?

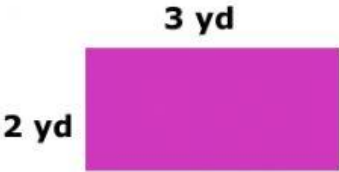

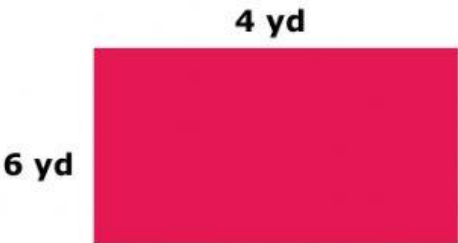
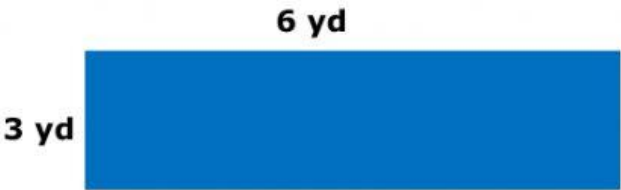


a. 9 in <sup>2</sup>	b. 12 in <sup>2</sup>
c. 15 in <sup>2</sup>	d. 20 in <sup>2</sup>

5. What is the area of a rectangle in which the length is 5 meters and the width 4 meters?

a. 20 square meters	b. 10 square meters
c. 25 square meters	d. 15 square meters

6. Which rectangle has an area of 18 square yards?

a. 	b. 
c. 	d. 

7. Mrs. Jones is purchasing a new countertop. The countertop measures 9 feet long and 5 feet wide. What is the total area of the countertop?

a. 4 ft <sup>2</sup>	b. 14 ft <sup>2</sup>
c. 28 ft <sup>2</sup>	d. 45 ft <sup>2</sup>

8. Mr. Adams is building a new deck. He wants the length of the deck to measure 10 feet and the width measure 8 feet. What will be the area of the deck?

a. 18 ft <sup>2</sup>	b. 2 ft <sup>2</sup>
c. 80 ft <sup>2</sup>	d. 36 ft <sup>2</sup>