

# AREA OF SQUARES

**HOMEWORK**  
**4/20/2021**

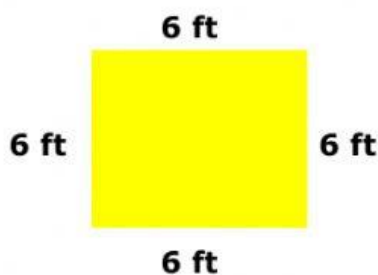
1. The surface included within a plane figure is called –

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

2. We solve for the area of squares 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 square?



|                      |                      |
|----------------------|----------------------|
| a. $10 \text{ ft}^2$ | b. $20 \text{ ft}^2$ |
| c. $24 \text{ ft}^2$ | d. $36 \text{ ft}^2$ |

4. What is the area of the square?



|                      |                      |
|----------------------|----------------------|
| a. $9 \text{ in}^2$  | b. $12 \text{ in}^2$ |
| c. $15 \text{ in}^2$ | d. $20 \text{ in}^2$ |

**5. What is the area of a square in which the length of one side is 5 meters?**

|                            |                            |
|----------------------------|----------------------------|
| <b>a. 20 square meters</b> | <b>b. 10 square meters</b> |
| <b>c. 25 square meters</b> | <b>d. 15 square meters</b> |

**6. Which square has an area of 49 square yards?**

|                                                                                                 |                                                                                                  |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>a.</b><br>  | <b>b.</b><br> |
| <b>c.</b><br> | <b>d.</b><br> |

**7. Ms. Floyd is painting one wall in her living room. The wall measures 9 feet on all sides. What is the total area that she will paint?**

|                             |                             |
|-----------------------------|-----------------------------|
| <b>a. 9 ft<sup>2</sup></b>  | <b>b. 18 ft<sup>2</sup></b> |
| <b>c. 36 ft<sup>2</sup></b> | <b>d. 81 ft<sup>2</sup></b> |

**8. Mr. Wilson is covering his lawn with grass seed. His lawn is square and each side measures 10 yards long. What is the area of his lawn?**

|                              |                              |
|------------------------------|------------------------------|
| <b>a. 20 yd<sup>2</sup></b>  | <b>b. 40 yd<sup>2</sup></b>  |
| <b>c. 100 yd<sup>2</sup></b> | <b>d. 120 yd<sup>2</sup></b> |