



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



**Sub: Arithmetic**  
**Duration: 40 Min**

**Class: 7**  
**Worksheet 09**

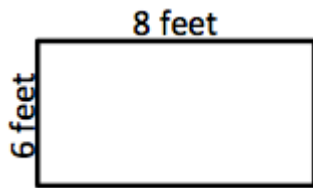
**Date: 13.02.21**  
**Full Marks: 15**

## PERIMETER AND AREA

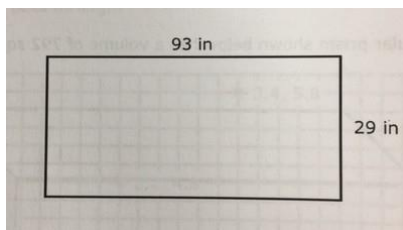
**Choose the correct options:**

A rectangle with an area of 30 square units and a side length of 6 has another side length of?

- 5 units
  - 6 units
  - 3 units
  - 4 units
2. What is the perimeter of the rectangle?

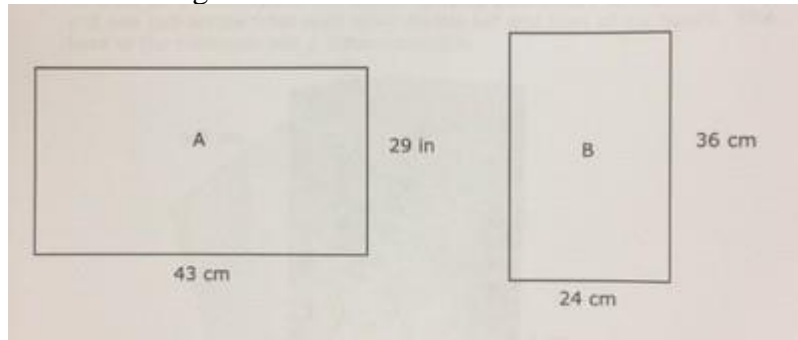


- 28 sq feet
  - 28 feet
  - 48 feet
  - 48 sq feet
3. Shameka is putting a frame around her favorite rectangular picture. If the picture has a length of 4 inches and a width of 6 inches how many inches of wood does she need to frame the photo?
- 10 inches
  - 16 inches
  - 12 inches
  - 20 inches
4. Jason wants to mow his rectangular lawn. If his lawn is 15 feet by 25 feet how many square feet does he have to mow?
- 80 ft<sup>2</sup>
  - 40 ft<sup>2</sup>
  - 375 ft<sup>2</sup>
  - 400 ft<sup>2</sup>
5. What is the perimeter of the rectangle below?



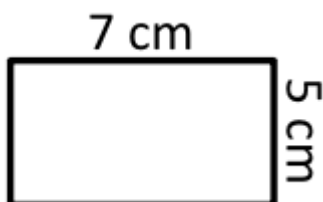
- 122 in
- 2,697 in
- 244 in
- 344 in

6. Two rectangles are shown below.



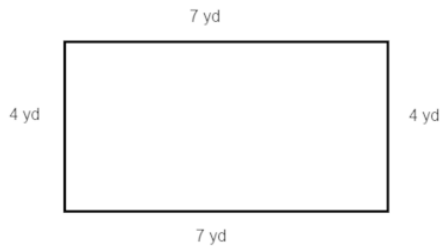
How many more square feet are in rectangle A compared to rectangle B?

- 2,111 square feet
  - 383 square feet
  - 24 square feet
  - 482 square feet
7. Marla has a garden with a length of 5 feet and a width of 3 feet. What is the area and perimeter of her garden?
- A = 8 square feet P = 16 feet
  - A = 15 square feet P = 8 feet
  - A = 15 square feet P = 16 feet
  - A = 16 square feet P = 15 feet
8. If a rectangle is 9 cm by 2 cm, what is its perimeter? What is its area?
- Perimeter: 22 cm Area: 18 squared cm
  - Perimeter: 18 cm Area: 22 squared cm
  - Perimeter: 18 cm Area: 18 squared cm
  - Perimeter: 20 cm Area: 22 squared cm
9. Mrs. Davis wanted to cover the classroom with new carpet. If the length of the classroom was 12 feet and the width was 8 feet. How much carpet would she need to buy?
- 20 feet
  - 40 ft
  - 96 square feet
  - 40 square feet
10. What is the perimeter of the rectangle?



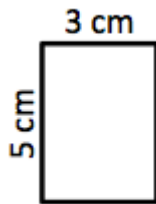
- 24 sq feet
- 24 feet
- 35 feet
- 35 sq feet

11. What is the area?



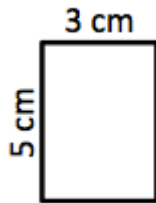
- a.  $16 \text{ yd}^2$
- b.  $22 \text{ yd}^2$
- c.  $49 \text{ yd}^2$
- d.  $28 \text{ yd}^2$

12. What is the area of the rectangle?



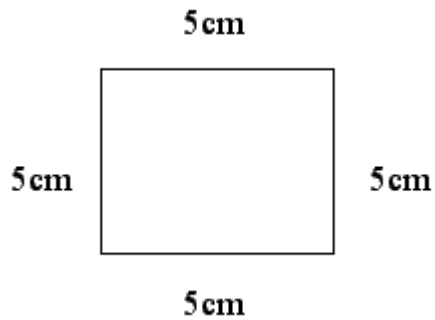
- a. 15 sq cm
- b. 15 cm
- c. 16 sq cm
- d. 16 cm

13. What is the perimeter of the rectangle?



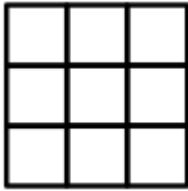
- a. 15 cm
- b. 16 cm
- c. 15 sq cm
- d. 15 cm

14. Find the PERIMETER of this figure.



- a. 20 square feet
- b. 20 cm
- c. 25 square feet
- d. 20 cm sq.

15 . What is the perimeter of this rectangle?



- a. 21 units
- b. 12 units
- c. 3 units
- d. None of the above.