

Name: \_\_\_\_\_

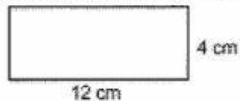
Date: \_\_\_\_\_

### Area and Perimeter Assessment

1) A rectangular carpet is 9 feet long and 6 feet wide. What is the area of the carpet in square feet?

- A. 15 ft<sup>2</sup>
- B. 27 ft<sup>2</sup>
- C. 30 ft<sup>2</sup>
- D. 54 ft<sup>2</sup>

2) What is the area of the rectangle shown here?



- A. 16 cm<sup>2</sup>
- B. 32 cm<sup>2</sup>
- C. 22 cm<sup>2</sup>
- D. ~~48~~ cm<sup>2</sup>

3) The area of a rectangle is 88 square meters. The length of the rectangle is 8 meters. What is its width?

- A. 8 meters
- B. 32 meters
- C. 22 meters
- D. 11 meters

4) What is the area of Dave's front yard, if it has a rectangular shape with a length of 40 feet and a width of 15 feet?

- A. 600 ft<sup>2</sup>
- B. 55 ft<sup>2</sup>
- C. 415 ft<sup>2</sup>
- D. 110 ft<sup>2</sup>

5) The perimeter of a square is 36 inches. What is the length of one side of the square?

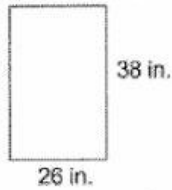
- A. 4 inches
- B. 6 inches
- C. 9 inches
- D. 18 inches

6) Tabitha's rectangular-shaped painting has a length of 100 centimeters. The width of her painting is 60 centimeters. What the perimeter of Tabitha's painting in centimeters?

- A. 61 cm
- B. 60 cm
- C. 320 cm

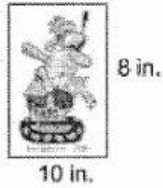
D. 122 cm

- 7) Joan wants to put a frame around a picture. She needs to know, the perimeter. What is the perimeter?



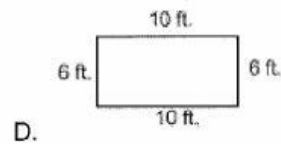
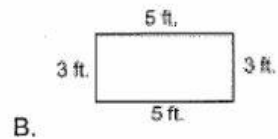
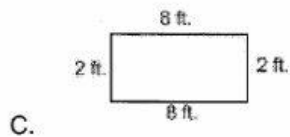
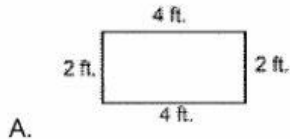
- A. 84 inches
- B. 64 inches
- C. 128 inches
- D. 117 inches

- 8) Ted is going to build a frame for his uncle's picture. He needs to know the perimeter of the picture to figure how many inches of framing he will need to purchase. What is the perimeter?

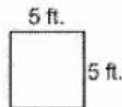


- A. 18 inches
- B. 80 inches
- C. 36 inches
- D. 20 inches

- 9) Which rectangle has a perimeter of 16 feet?



- 10) What is the area of the given square?



- A.  $20 \text{ in}^2$
- B.  $10 \text{ in}^2$
- C.  $25 \text{ in}^2$
- D.  $15 \text{ in}^2$