

Name: _____

Date: _____

Perimeter and Area

1. You have a square piece of cardboard that has a perimeter of 12 centimeters. What is the area of the cardboard?

- a. 144 square centimeters
- b. 9 square centimeters
- c. 16 square centimeters
- d. 24 square centimeters

2. Samantha owns a ranch that covers 48 square miles. She will plant wheat on all the land except for 16 square miles. Samantha will plant wheat on _____ square miles of land.

- a. 64
- b. 32
- c. 4
- d. 768

3. A rectangle is 5 inches wide. The area of the rectangle is 35 square inches. What is the perimeter of the rectangle?

- a. 24 inches
- b. 40 inches
- c. 30 inches
- d. There is not enough information to know.

4. John's bedroom is exactly 18 feet by 21 feet. He wants to get carpeting to cover the entire floor. How many square **yards** of carpeting does he need? (hint: 3 feet = 1 yard)

- a. 126
- b. 378
- c. 13
- d. 42

Perimeter and Area

ANSWER KEY

1. You have a square piece of cardboard that has a perimeter of 12 centimeters. What is the area of the cardboard?

- a. 144 square centimeters
- b. 9 square centimeters $3 \times 3 = 9$**
- c. 16 square centimeters
- d. 24 square centimeters

2. Samantha owns a ranch that covers 48 square miles. She will plant wheat on all the land except for 16 square miles. Samantha will plant wheat on _____ square miles of land.

- a. 64
- b. 32 $48 - 16 = 32$**
- c. 4
- d. 768

3. A rectangle is 5 inches wide. The area of the rectangle is 35 square inches. What is the perimeter of the rectangle?

- a. 24 inches $5 + 5 + 7 + 7 = 24$**
- b. 40 inches
- c. 30 inches
- d. There is not enough information to know.

4. John's bedroom is exactly 18 feet by 21 feet. He wants to get carpeting to cover the entire floor. How many square **yards** of carpeting does he need? (hint: 3 feet = 1 yard)

- a. 126
- b. 378
- c. 13
- d. 42 $6 \times 7 = 42$**