

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

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

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1. Derrius has 24 feet of fencing to use for a rectangular dog pen. Which dimensions would give him the most room (area) for his dog?

- A. 1 foot by 11 feet
  - B. 3 feet by 9 feet
  - C. 4 feet by 8 feet
  - D. 6 feet by 6 feet
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2. There are 30 students in the sixth-grade class. Each student has a bottle that holds one pint of water. How many one-gallon jugs of water are needed to fill all of the students' water bottles?

- A. 4
  - B. 8
  - C. 10
  - D. 15
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3. Travis is making a vegetable garden. One side is 4 feet long and the other side is 9 feet long. What is the area of his rectangular vegetable garden?

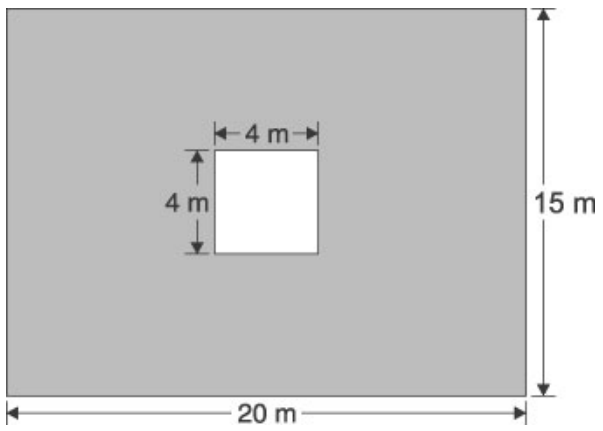
- A. 16 sq. ft.
  - B. 26 sq. ft.
  - C. 32 sq. ft.
  - D. 36 sq. ft.
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4. Elena's uncle took her and three cousins to the ice cream store. The cousins each ordered milkshakes for \$1.40 each and Elena had a double dip of peach ice cream that cost \$1.25. What was the total cost of the order?

- A. \$2.65
  - B. \$4.45
  - C. \$5.45
  - D. \$6.45
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5.

A square is removed from a rectangle as shown below.

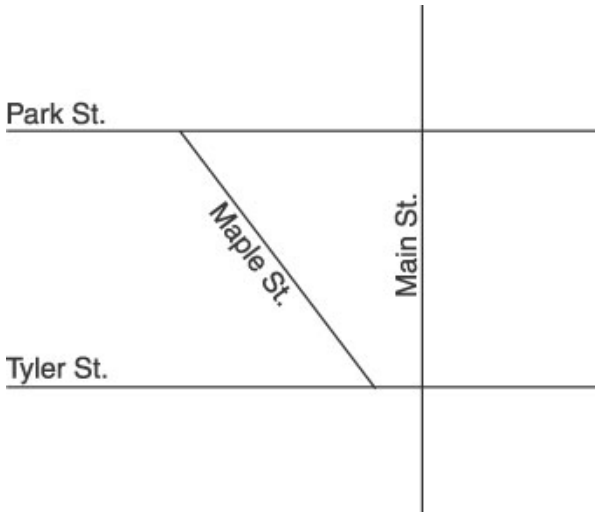


What is the area of the shaded part of the rectangle?

- A.  $300 \text{ m}^2$
  - B.  $284 \text{ m}^2$
  - C.  $80 \text{ m}^2$
  - D.  $16 \text{ m}^2$
-

6.

Use the map below to answer this question.



According to the map, which streets appear to be parallel to each other?

- A. Park and Main
  - B. Tyler and Maple
  - C. Park and Tyler
  - D. Main and Tyler
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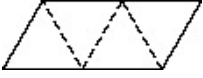
7. Divide.

$$9 \overline{)648}$$

- A. 70
  - B. 72
  - C. 81
  - D. 90
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8.

Use the picture below to answer this question.



Suppose the pattern above is cut out along the solid lines. What figure would the pattern make if folded along the dotted lines?

- A. rectangular prism
  - B. cube
  - C. rectangular pyramid
  - D. triangular pyramid
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9. The length of a fence around the outside of a park is the same as the park's

- A. area.
  - B. diameter.
  - C. perimeter.
  - D. volume.
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10. The Pizza Palace sells 16-inch pizzas. What does the 16 stand for?

- A. radius
- B. diameter
- C. circumference
- D. area

**Answer Key**

1. D) 6 feet by 6 feet
2. A) 4
3. D) 36 sq. ft.
4. C) \$5.45
5. B) 284 m<sup>2</sup>
6. C) Park and Tyler
7. B) 72
8. D) triangular pyramid
9. C) perimeter.
10. B) diameter