

Name: _____

Date: _____

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

2. What is the area of the large square?



- A. 5 square centimeters
- B. 10 square centimeters
- C. 20 square centimeters
- D. 25 square centimeters

3. The length of a fence around the outside of a park is the same as the park's

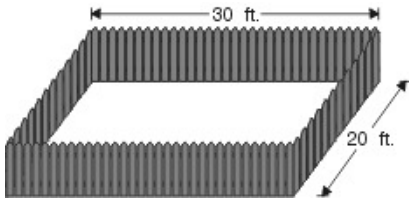
- A. area.
- B. diameter.
- C. perimeter.
- D. volume.

4. Molly walked all the way around the edge of her yard. The distance she walked is the yard's

- A. area.
 - B. diameter.
 - C. volume.
 - D. perimeter.
-

5.

Use the diagram below to answer this question.



Amy is planning to build a large pen like the one above for her dogs. The fencing material she wants to use comes in 60-foot rolls. How many rolls of fencing does Amy need for her project?

- A. 1 roll
- B. 2 rolls
- C. 3 rolls
- D. 4 rolls

6. Mr. Simmons put a wire fence all the way around his rectangular garden. The garden is 9 feet long and 5 feet wide. How many feet of fencing did he use?

- A. 14 feet
- B. 23 feet
- C. 28 feet
- D. 45 feet

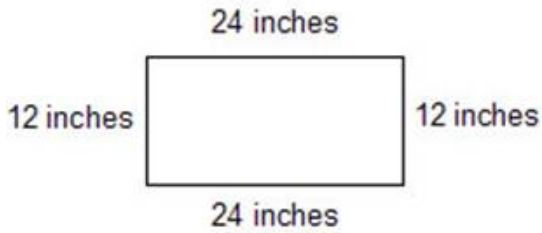
7. Which of the following is equivalent to 150 minutes?

- A. $1\frac{1}{2}$ hours
- B. $2\frac{1}{4}$ hours
- C. $2\frac{1}{2}$ hours
- D. $2\frac{5}{6}$ hours

8. If it takes Mari 20 minutes to walk from home to school, what is the latest time she can leave to get to school by 8:10 A.M.?

- A. 7:00 A.M.
- B. 7:10 A.M.
- C. 7:50 A.M.
- D. 8:00 A.M.

9. Find the perimeter of the box.



- A. 62 inches
 - B. 72 inches
 - C. 36 inches
 - D. 288 inches
-

10. What is the best unit of measurement to use to describe area covered by carpeting?

- A. inches
 - B. meters
 - C. square feet
 - D. cubic yards
-

11. If the paper clip is 2 inches long, about how long is the pencil?



- A. 3 inches
 - B. 4 inches
 - C. 6 inches
 - D. 8 inches
-

12.

Place these in order of shortest to longest.

- one mile
- one foot
- two yards
- three inches

- A. one mile, one foot, two yards, three inches
 - B. one foot, two yards, three inches, one mile
 - C. three inches, one foot, two yards, one mile
 - D. two yards, three inches, one mile, one foot
-

13.

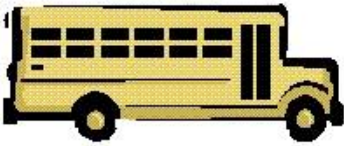
About how long is your foot?

- A. eight miles
 - B. eight yards
 - C. eight feet
 - D. eight inches
-

14.

Micha rides her bike to her friend's house and back home. If she travels four miles total. What is the distance **to** her friend's house?

- A. 1 mile
 - B. 2 miles
 - C. 4 miles
 - D. 8 miles
-



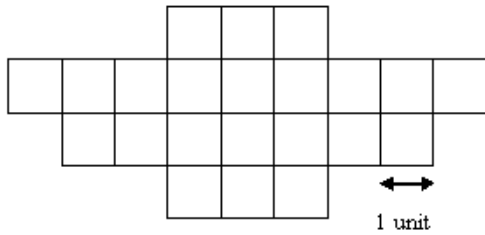
15.

The ruler shown represents inches.

What of these is the closest measurement of the toy bus?

- A. 2 inches
 - B. $2 \frac{1}{4}$ inches
 - C. $2 \frac{1}{2}$ inches
 - D. $2 \frac{3}{4}$ inches
-

16.



What is the perimeter of the figure?

- A. 26 units
 - B. 24 units
 - C. 22 units
 - D. 20 units
-

17.

Jeff wants to buy a fence for his back yard. Which measurement of Jeff's yard is how long the fence should be?

- A. area
 - B. width
 - C. length
 - D. perimeter
-

18.

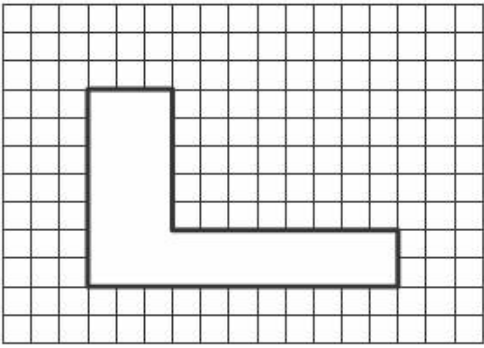
Bella drew the outline of a rectangle on a piece of paper. What is the name of the outline that Bella drew?

- A. the length of the rectangle
 - B. the width of the rectangle
 - C. the perimeter of the rectangle
 - D. the area of the rectangle
-

19.

Jeanette is drawing a model of her kitchen. Her kitchen is rectangular. Which units should Jeanette use to draw her model?

- A. square miles
 - B. square yards
 - C. square inches
 - D. square feet
-



In this scale drawing of a molding, each square represents 1 square inch. What is the area of the molding?

- A. 24 sq in.
- B. 34 sq in.
- C. 35 sq in.
- D. 37 sq in.

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21. Marta painted an 18-foot by 12-foot rectangular wall. What is the area of the wall she painted?

- A. 423 sq ft
- B. 216 sq ft
- C. 60 sq ft
- D. 30 sq ft

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22. Mrs. Dinato remembered the area of the top of her rectangular table was between 1,500 and 2,000 square inches. Which could be the dimensions of her table?

- A. 72 in. \times 36 in.
- B. 60 in. \times 30 in.
- C. 40 in. \times 30 in.
- D. 18 in. \times 32 in.

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Answer Key

1. D) 6 feet by 6 feet
2. D) 25 square centimeters
3. C) perimeter.
4. D) perimeter.
5. B) 2 rolls
6. C) 28 feet
7. C) $2\frac{1}{2}$ hours
8. C) 7:50 A.M.
9. B) 72 inches
10. C) square feet
11. C) 6 inches
12. C) three inches, one foot, two yards, one mile
13. D) eight inches
14. B) 2 miles
15. D) $2\frac{3}{4}$ inches

16. A) 26 units
17. D) perimeter
18. C) the perimeter of the rectangle
19. C) square inches
20. D) 37 sq in.

21. B) 216 sq ft

22. B) 60 in. \times 30 in.