

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

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

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1.

Use the picture below to answer this question.

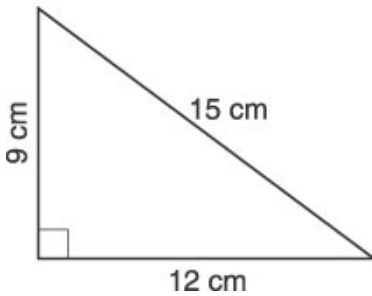


How many squares can you find in this figure?

- A. 6 squares
  - B. 7 squares
  - C. 8 squares
  - D. 9 squares
- 

2.

Use the figure below to answer this question.



What is the AREA of this right triangle?

- A. 21 sq. cm
  - B. 36 sq. cm
  - C. 54 sq. cm
  - D. 108 sq. cm
-

3.

Use the calendar below to answer this question.

November						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Tracy doesn't have basketball practice on the second Monday of each month. What will be the date of the second Monday in December?

- A. December 7
  - B. December 9
  - C. December 12
  - D. December 14
- 

4. Which measurement unit would be the BEST to use to find the distance across your classroom?

- A. meter
  - B. centimeter
  - C. kilometer
  - D. millimeter
- 

5. While on the playground, Willis, Paula, and Ann each started at a water fountain, walked 20 feet in different directions, and stopped. If several other students do the same thing, which figure will the group of students make?

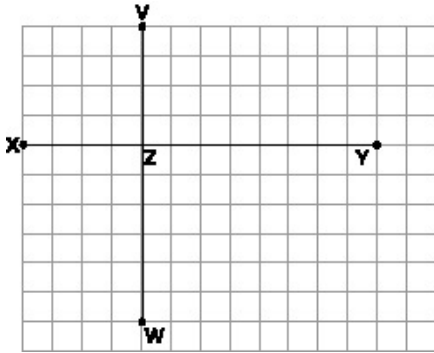
- A. circle
  - B. rectangle
  - C. square
  - D. parallelogram
- 

6. 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
-

7.

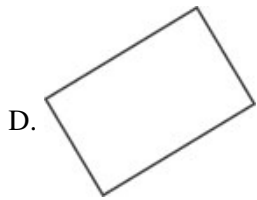
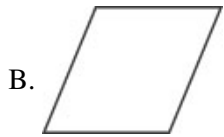
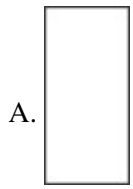
Use the graph below to answer this question.



Which two line segments in the graph are congruent?

- A.  $\overline{VZ}$  and  $\overline{ZW}$
- B.  $\overline{XZ}$  and  $\overline{ZY}$
- C.  $\overline{VZ}$  and  $\overline{XY}$
- D.  $\overline{VZ}$  and  $\overline{XZ}$

8. Which figure is NOT a rectangle?



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9. Todd has \$0.92 in his pocket. He has quarters and lower valued coins. What is the smallest number of coins that Todd can have?

- A. 6
- B. 7
- C. 8
- D. 9

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10. Your clock loses 2 minutes every hour. If you set it at the correct time at noon, what time will it show when the real time is 8 p.m.?

- A. 7:16 p.m.
  - B. 7:44 p.m.
  - C. 8:16 p.m.
  - D. 8:44 p.m.
-

11.

Use the picture below to answer this question.

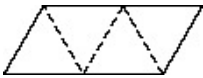


A swimming pool is 6 yards wide and 10 yards long. A soccer field is 60 yards wide and 110 yards long. About how many swimming pools would fit in the space taken up by the soccer field?

- A. 11
  - B. 21
  - C. 110
  - D. 200
- 

12.

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
- 

13. 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.
-

14.

Use the picture below of Julie's lawn to answer this question.

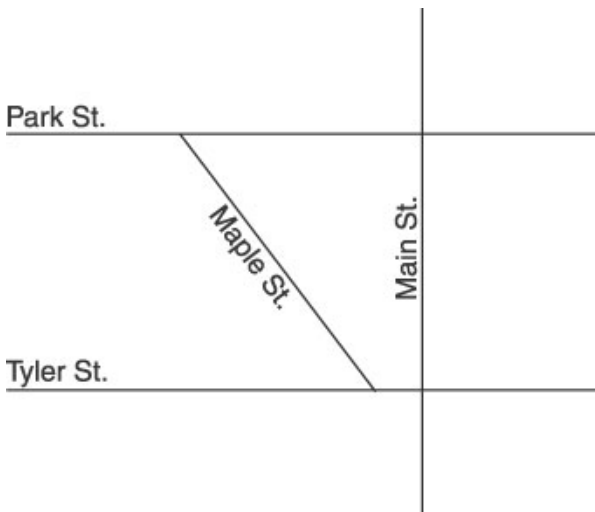


The shaded part of the picture shows how much of the lawn Julie mowed in one hour. Which is the BEST estimate for how long it will take Julie to mow the whole lawn?

- A. 2 hours
  - B. 6 hours
  - C. 12 hours
  - D. 20 hours
- 

15.

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
-

16. 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.
- 

17.

*Use the word in the box below to answer this question.*

**APPLE**

Which letters in the word **APPLE** have a line of symmetry?

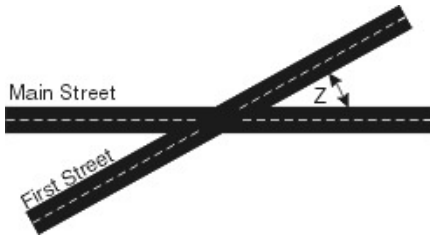
- A. A and L
  - B. P and L
  - C. A and E
  - D. none
- 

18. You are eighth in line to swing at the playground. If every person ahead of you swings for 5 minutes, how long will you wait to swing?

- A. 5 minutes
  - B. 13 minutes
  - C. 35 minutes
  - D. 40 minutes
-

19.

Use the diagram below to answer this question.



Several angles are formed by the intersection of First Street and Main Street. What type of angle is the one marked with a Z?

- A. acute
  - B. obtuse
  - C. right
  - D. straight
- 

20. Which distance is the most reasonable for a person to walk in one hour?

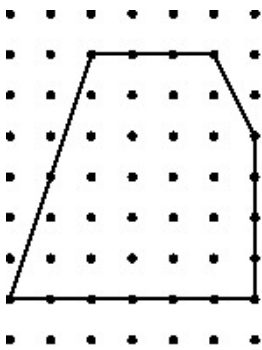
- A. 30 miles
  - B. 3 miles
  - C. 30 feet
  - D. 3 yards
- 

21. Which unit could be used to measure the mass of a pencil?

- A. centimeters
  - B. grams
  - C. liters
  - D. degrees
-

22.

Use the picture below to answer this question.



 = 1 square unit of area

When using a geoboard, Shanika created the figure in the picture. What is the area of the figure?

- A. 22 square units
- B. 29 square units
- C. 33 square units
- D. 36 square units

23. 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

24. 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.

25. 142 inches is the same as

- A. 14 feet, 2 inches.
- B. 11 feet, 10 inches.
- C. 3 feet, 34 inches.
- D. 1 foot, 22 inches.

**Answer Key**

1. C) 8 squares
2. C) 54 sq. cm
3. C) December 12
4. A) meter
5. A) circle
6. A) 4
7. D)     and
8. B)
  
9. B) 7
10. B) 7:44 p.m.
11. C) 110
12. D) triangular pyramid
13. D) 36 sq. ft.
14. B) 6 hours
15. C) Park and Tyler
16. C) perimeter.
17. C) A and E
18. C) 35 minutes
19. A) acute
20. B) 3 miles
21. B) grams

22. B) 29 square units

23. C) \$5.45

24. D) perimeter.

25. B) 11 feet, 10 inches.