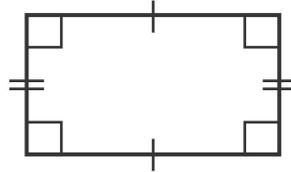


Chapter 12 Revision Form 2A

Read each question carefully. Write the letter for your answer on the line provided.

1. Which term best classifies the quadrilateral?

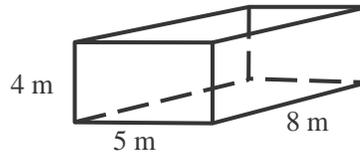
A. parallelogram C. rectangle
B. rhombus D. square



1. _____ **C**

2. What is the volume?

F. 160 m^3 H. 200 m^2
G. 184 m^2 I. 200 m^3



2. _____ **F**

3. Which three-dimensional figure has 5 faces, 9 edges, and 6 vertices?

A. rectangular prism C. cube
B. triangle D. triangular prism

3. _____ **D**

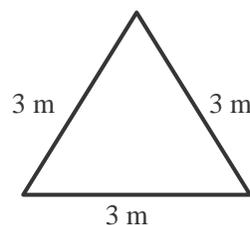
4. Rosemary is packing boxes of crackers into a crate. She can fit 6 boxes along the bottom of the crate. If the crate is filled with 5 layers of cracker boxes, how many cracker boxes are in the crate?

F. 24 boxes H. 30 boxes
G. 25 boxes I. 36 boxes

4. _____ **H**

5. What type of triangle is shown?

A. obtuse triangle
B. isosceles triangle
C. equilateral triangle
D. scalene triangle

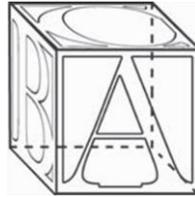


5. _____ **C**

Read each question carefully. Write your answer on the line provided.

6. Describe the number of faces, edges, and vertices of a math book.

7. Describe the faces, edges, and vertices of the three-dimensional figure. Then identify it.



8. Find the volume of a rectangular prism with length 11 meters, width 4 meters, and height 15 meters.

9. Walter has a triangle that measures 24 inches by 18 inches by 36 inches. What type of triangle does he have?

10. How much cement is needed to build a sidewalk that is 180 inches long, 24 inches wide, and 4 inches thick?

11. Ty is painting a rectangle that is 10 inches long and 7 inches high. What attributes of a rectangle can you share with Ty to help him paint his rectangle?

12. Zain bought ice cream and sherbet at the grocery store and is placing the containers in the freezer. The container of ice cream was sold in a $10'' \times 14'' \times 12''$ container, and the sherbet was sold in an $11'' \times 18'' \times 9''$ container. How much less space does the container of ice cream occupy than the container of sherbet?

6. There are 6 rectangular faces, 12 edges, and 8 vertices.

7. There are 6 square faces, 12 edges, and 8 vertices. The figure is a cube.

8. 660 m³

9. scalene triangle

10. 17,280 in³

11. Sample answer: opposite sides are congruent and parallel; there are 4 right angles

12. 102 in³