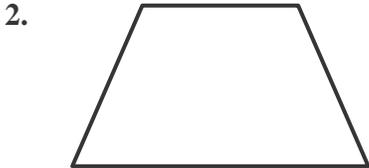
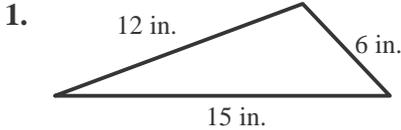


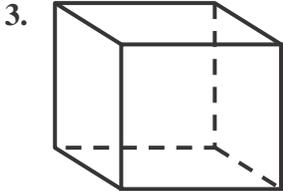
Chapter 12 Revision Form D

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

Classify each figure.



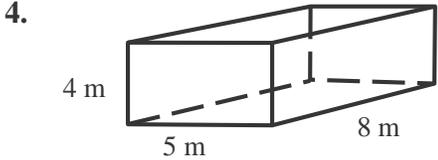
1. scalene triangle



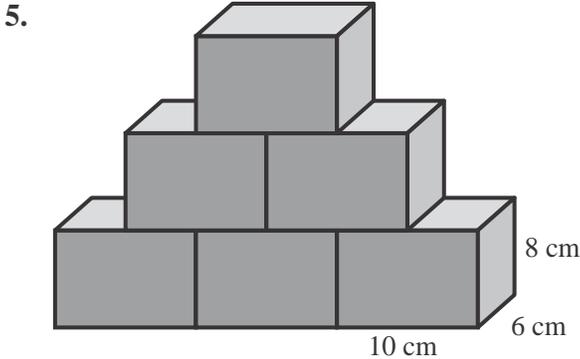
2. trapezoid

3. cube

Find the volume of each figure.



4. 160 m³



5. 2,880 cubic cm

6. rectangular prism
 $\ell = 8 \text{ m}, w = 4 \text{ m}, h = 7 \text{ m}$

6. 224 m³

7. Describe the faces, edges, and vertices of a triangular prism.

7. There are
3 rectangular faces,
2 triangular bases,
9 edges, and 6 vertices.

8. Describe the sides of a scalene triangle.

8. All three sides
have a different
length.

9. Claudia is building a three-dimensional figure that has 6 square faces, 12 edges, and 8 vertices. What shape is she building?

9. cube

10. Leon wants to use a box for storage. If the box is 11 inches high, 13 inches wide, and 18 inches deep, how many cubic inches of space does he have for storage?

10. volume;
2,574 in³

11. Mykey and Roy are designing a kitchen counter. The counter has 4 sides. Opposite sides are parallel and congruent. Each corner of the counter is a right angle. Classify the shape of the kitchen counter.

11. rectangle

12. Kuron Pool is a rectangular prism with length 15 feet, width 8 feet, and height 5 feet. Find the volume of the pool.

12. 600 ft³

13. Ervin is building two cabinets. They are each 2 feet tall, 2 feet long, and 1 foot wide. What is their total volume?

13. 8 cubic feet