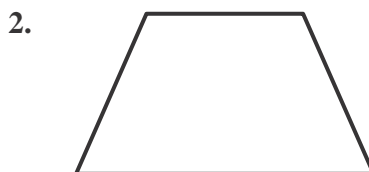
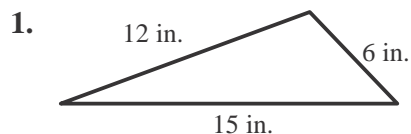


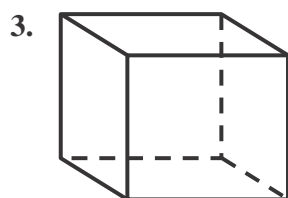
Chapter 12 Revision Form D

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

Classify each figure.



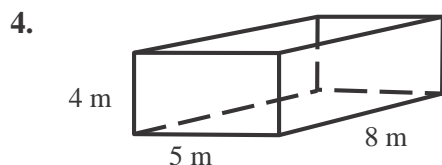
1. **scalene triangle**



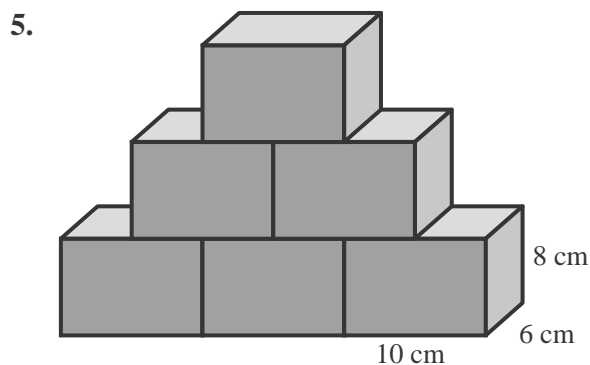
2. **trapezoid**

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.
8. Describe the sides of a scalene triangle.
9. Claudia is building a three-dimensional figure that has 6 square faces, 12 edges, and 8 vertices. What shape is she building?
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?
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.
12. Kuron Pool is a rectangular prism with length 15 feet, width 8 feet, and height 5 feet. Find the volume of the pool.
13. Ervin is building two cabinets. They are each 2 feet tall, 2 feet long, and 1 foot wide. What is their total volume?
7. There are
3 rectangular faces,
2 triangular bases,
9 edges, and 6 vertices.
8. All three sides
have a different
length.
9. cube
10. volume;
2,374 in³
11. rectangle
12. 600 ft³
13. 8 cubic feet