Practice A

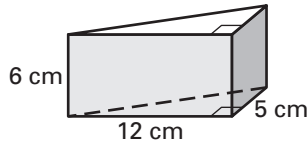**For use with pages 481–490**

Match the word(s) with the descriptive phrase.

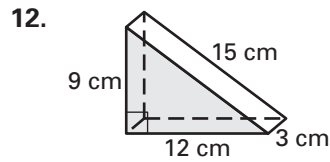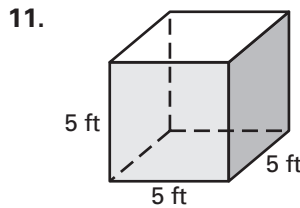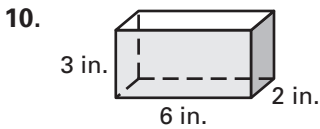1. a polyhedron with two congruent faces that lie in parallel planes

2. the sum of the areas of the faces of a polyhedron

3. the faces of a prism that are not bases

4. the sum of the areas of the lateral faces

5. a solid with two congruent circular bases that lie in parallel planes

A. lateral area

B. lateral faces

C. prism

D. surface area
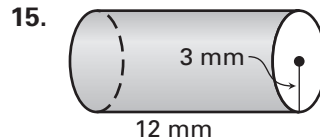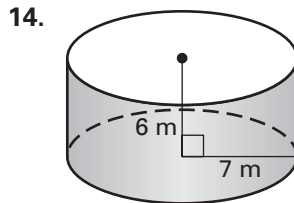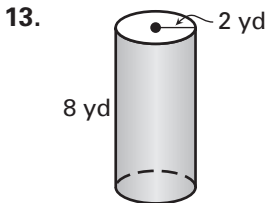
E. cylinder

Use the diagram at the right.

6. What is the height of the solid?

7. What is the area of a base?

8. What is the perimeter of a base?

9. What is the surface area of the solid?

Find the surface area of the prism.

10.

11.

12.

Find the surface area of the cylinder. Round your answer to the nearest whole number.

13.

14.

15.

16. A soup can is shown below. Find the surface area of the can. Round your answer to the nearest whole number.

Lesson 9.2