

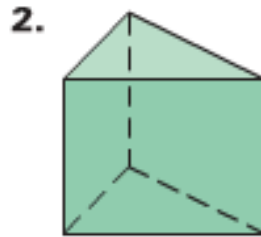
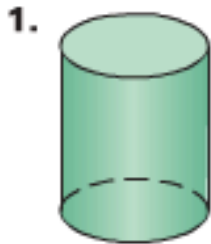
# GEOMETRY A: CLASSIFYING SOLIDS

In Exercises 1–3, match the solid with its name.

A. prism

B. pyramid

C. cylinder



In Exercises 4–9, tell whether the statement is *true* or *false*. Refer to the prism below, if necessary.

4.  $CDHG$  is a face of the prism.

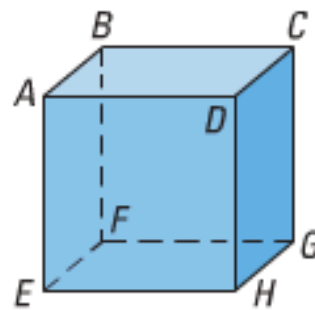
5. A prism has only one base.

6.  $ABCD$  and  $EFGH$  are possible bases of the prism.

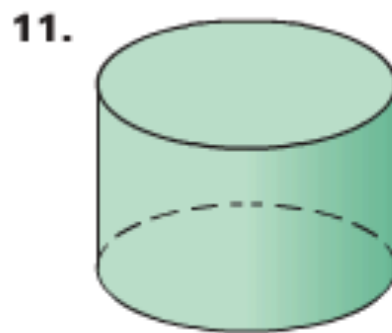
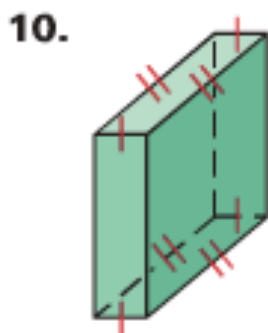
7. An edge of the prism is  $H$ .

8.  $\overline{GC}$  is an edge of the prism.

9. A prism is a polyhedron.



Tell whether the solid is a polyhedron. If so, identify the shape of the base(s). Then name the solid.



**Logical Reasoning** Tell whether the statement is *true* or *false*.

20. A rectangular pyramid has two bases.
21. A triangular prism has two bases.
22. The bases of a prism are congruent polygons.
23. A cone has two bases.
24. A sphere is a polyhedron.

**Identify Solids** Match the solid with its name.

A. cone

B. pyramid

C. cylinder

D. rectangular prism

E. cube

F. sphere

25.



26.



27.



28.



29.



30.

