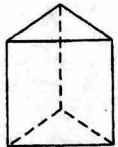


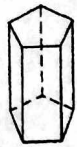
Skill 78

Practice on Your Own

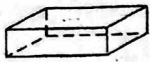
Prisms



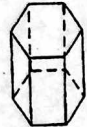
Triangular Prism



Pentagonal Prism



Rectangular Prism

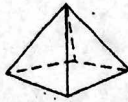


Hexagonal Prism

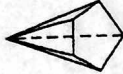
Pyramids



Triangular Pyramid



Square Pyramid



Pentagonal Pyramid



Hexagonal Pyramid

Curved Surfaces



Cylinder

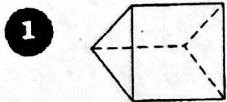


Cone

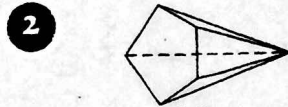


Sphere

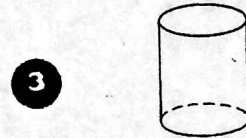
Complete. Name each solid figure.



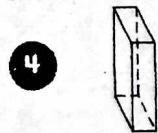
Number of bases _____
 Shape of bases _____
 Name of figure _____



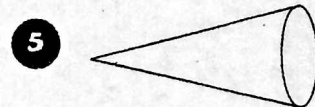
Number of bases _____
 Shape of base _____
 Name of figure _____



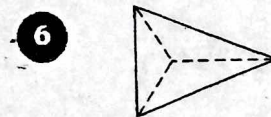
Number of bases _____
 Shape of bases _____
 Name of figure _____



Number of bases _____
 Shape of bases _____
 Name of figure _____

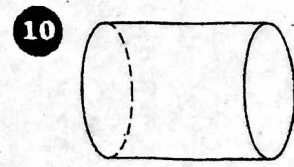
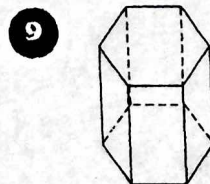
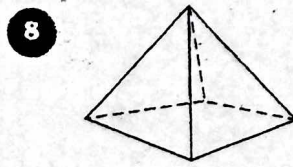
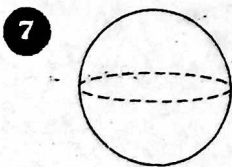


Number of bases _____
 Shape of base _____
 Name of figure _____

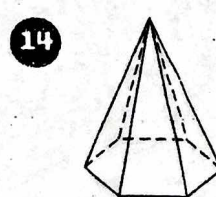
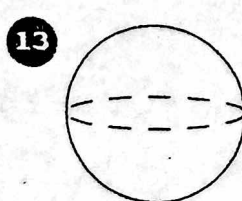
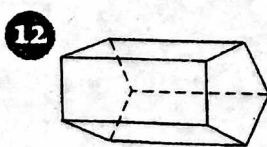
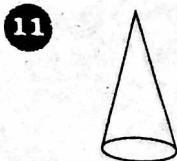


Number of bases _____
 Shape of base _____
 Name of figure _____

Name each solid figure.



Name each solid figure.

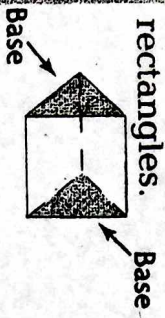


Identify Solid Figures

A polyhedron is a solid figure with faces that are polygons. Below are three types of solid figures: prisms, pyramids, and solids with curved surfaces.

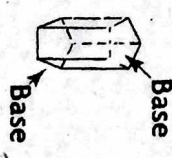
Prism

A **prism** is a solid figure that has two congruent, polygon-shaped faces called **bases**. All other faces of a prism are rectangles.



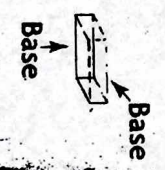
Triangular Prism

- 2 triangular bases
- 3 rectangular faces



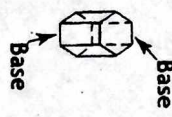
Rectangular Prism

- 2 rectangular bases
- 4 rectangular faces



Pentagonal Prism

- 2 pentagonal bases
- 5 rectangular faces

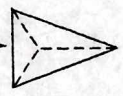


Hexagonal Prism

- 2 hexagonal bases
- 6 rectangular faces

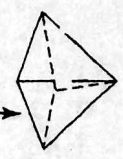
Pyramid

A **pyramid** is a solid figure that has only one polygon-shaped base. All other faces are triangles that meet at the same vertex.



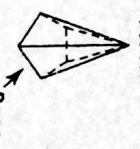
Triangular Pyramid

- 1 triangular base
- 3 triangular faces



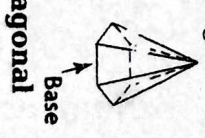
Square Pyramid

- 1 square base
- 4 triangular faces



Pentagonal Pyramid

- 1 pentagonal base
- 5 triangular faces

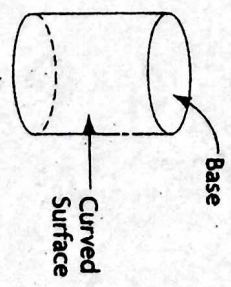


Hexagonal Pyramid

- 1 hexagonal base
- 6 triangular faces

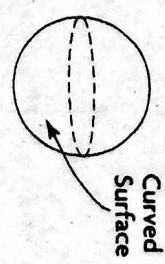
Curved Surfaces

Solids with **curved surfaces** are not polyhedrons.



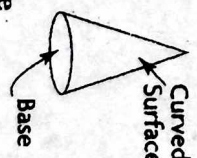
Cylinder

- 2 flat circular bases
- 1 curved surface



Sphere

- no flat bases
- 1 curved surface



Cone

- 1 flat circular base
- 1 curved surface

