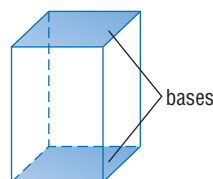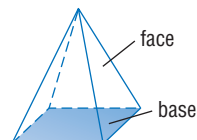# Identifying Three-Dimensional Figures

Prisms and pyramids are two types of three-dimensional figures. A **prism** has two parallel, congruent faces called **bases**. A **pyramid** has one base that is a polygon and faces that are triangles.
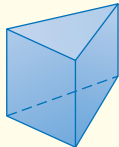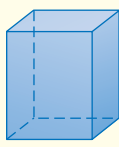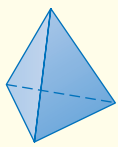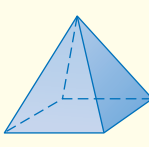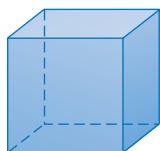
Prism — bases

Pyramid — face, base

Prisms and pyramids are named by the shape of their bases.

Name	triangular prism	rectangular prism	triangular pyramid	rectangular pyramid
Number of Bases	2	2	1	1
Polygon Base	triangle	rectangle	triangle	rectangle
Figure				

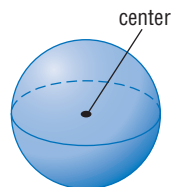A **cube** is a rectangular prism in which all of the faces are squares.

A **cone** is a shape in space that has a circular base and one **vertex**.
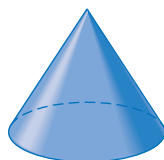
A **sphere** is the set of all points a given distance from a given point called the center.

center

Cube

Cone

Sphere