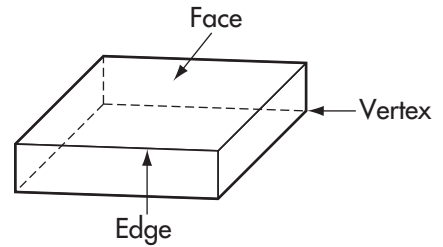# Solids

A **vertex** of a solid is the point at which three or more edges meet.
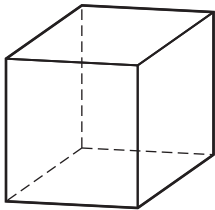
An **edge** of a solid is a line segment where two faces meet.

A **face** of a solid is a flat polygon-shaped surface.
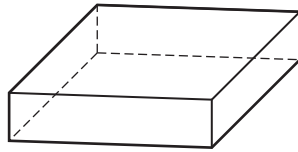
Face

Vertex

Edge

Here are some common three-dimensional shapes:
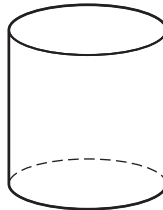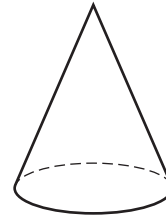
Cube　　**Rectangular Prism**　　**Cylinder**　　**Cone**

For **1** through **3**, tell which solid each object resembles.

1.
Art Supplies

2.
Soup
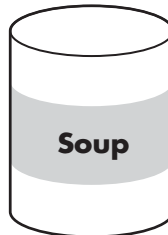
3.

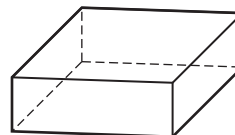_____　　_____　　_____

In **4** through **6**, complete each table by writing the number of vertices, edges, and faces in each solid shown at the right of each table.
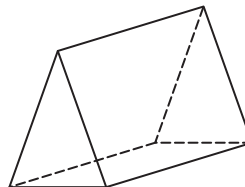
4.

Vertices	Edges	Faces

5.

Vertices	Edges	Faces

6.

Vertices	Edges	Faces

Solids

For **1** through **3**, tell which solid each object resembles.

1.

2.

3. BUTTER

_____   _____   _____
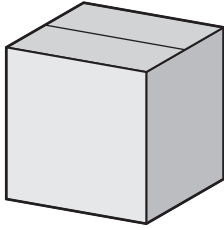
For **4** and **5**, complete each table by writing the number of vertices, edges, and faces in each solid shown at the right of each table.
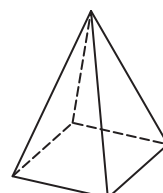
4.

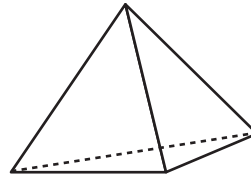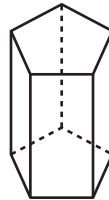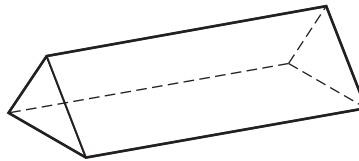| Vertices	Edges	Faces

5.

Vertices	Edges	Faces

6. What is the name of the three-dimensional shape at the right?

    A Cone

    B Triangular prism

    C Pyramid

    D Rectangular prism

7. How many vertices does a cone have? Explain.

_____

_____

_____

_____