Solid Figures

A solid figure takes up space and has length, width, and height.

A **prism** is a solid figure. It has two parallel congruent bases that are joined by rectangular faces. A prism is named by the shape of its bases.

A **pyramid** is a solid figure. It has one base that can be any polygon. The faces of a pyramid are triangles that share a vertex or point.

A **face** is a flat surface of a figure. A face may be the base or a side of a figure.

A **vertex** is where faces meet to form a point.

An **edge** is the line segment where two flat surfaces or faces meet.

Classify each solid figure. Then write the number of faces, vertices, and edges.

(Remember to include faces, vertices, and edges that you may not see.)

1.  
   - _______ faces
   - _______ vertices
   - _______ edges

2.  
   - _______ faces
   - _______ vertices
   - _______ edges

3.  
   - _______ faces
   - _______ vertices
   - _______ edges

4.  
   - _______ faces
   - _______ vertices
   - _______ edges