

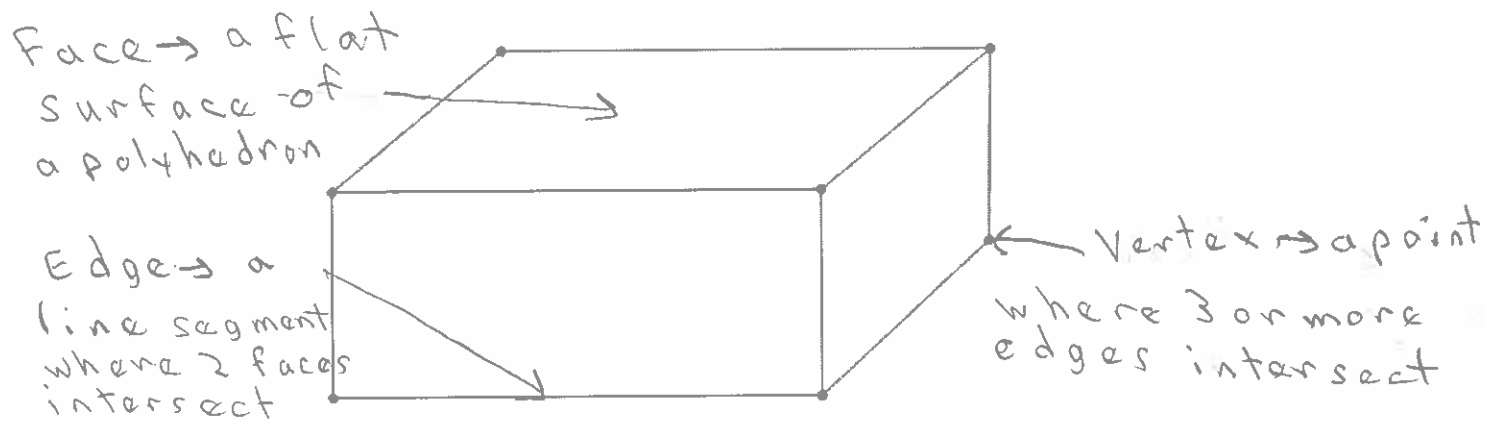
# Three-Dimensional Figures

## 8.1

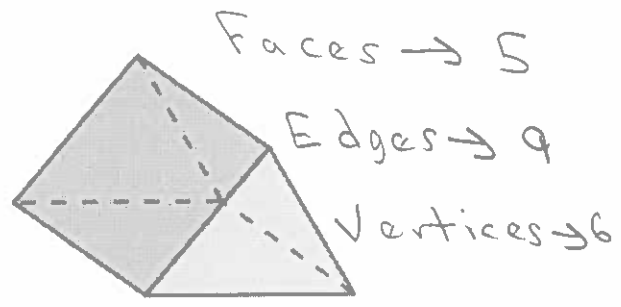
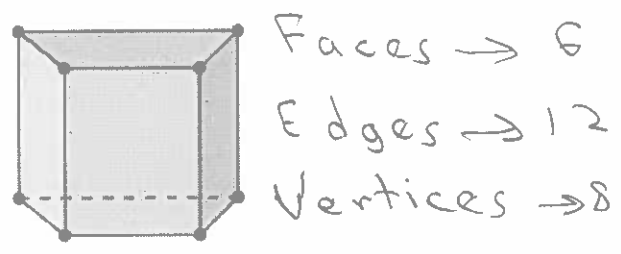
Essential Question: what is a face, edge, and vertex of a solid?

A solid is a three-dimensional figure that encloses a space.

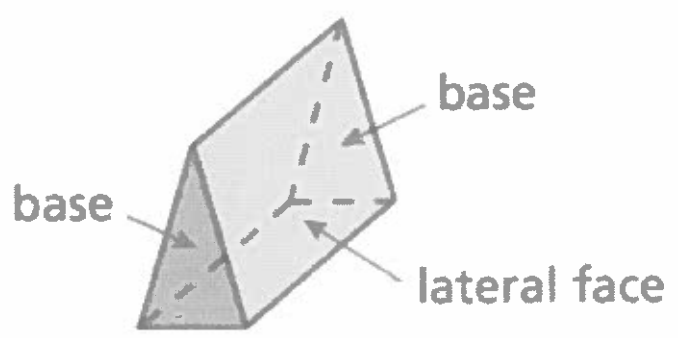
A polyhedron is a solid whose faces are all polygons.



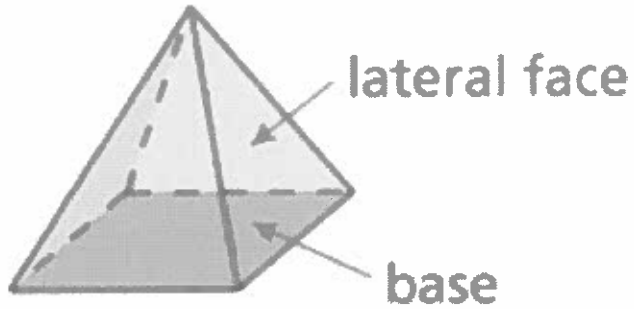
Find the number of faces, edges, and vertices of the solid.



A prism is a polyhedron that has two parallel identical bases. The lateral faces are parallelograms.

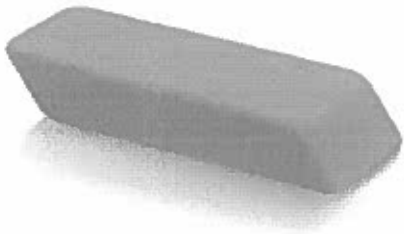


A pyramid is a polyhedron that has one base. The lateral faces are triangles.



The shape of the base tells the name of the prism or pyramid.

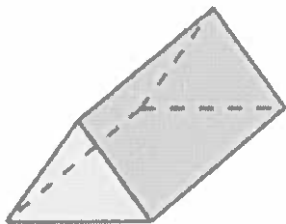
Draw the front, side, and top views of the solid.



Front

Side

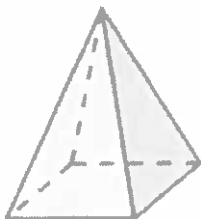
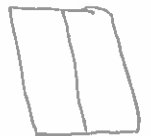
Top



Front

Side

Top



Front

Side

Top

