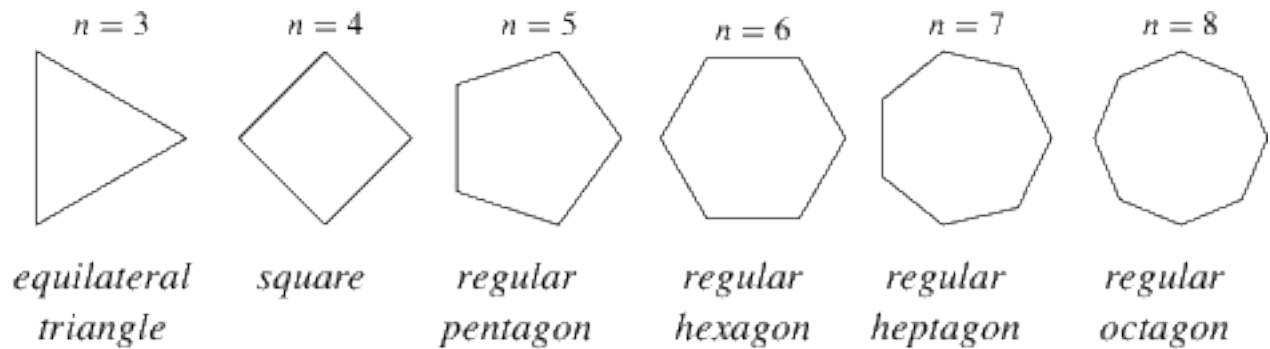


Polygon and Polyhedron Definitions

Regular Polygons: are closed plane figures formed by three or more line segments

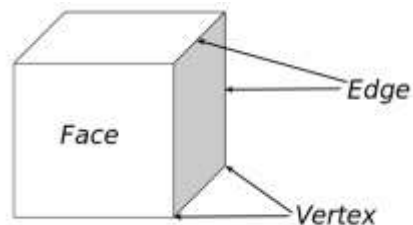
Number of sides	Common name
3	Triangle
4	Square (Quadrilateral)
5	Pentagon
6	Hexagon
7	Heptagon
8	Octagon
9	Nonagon
10	Decagon
12	Dodecagon
n	n-gon



Edges: where two faces meet

Vertex: where two or more line segments meet

Faces: a flat surface of a 3-D object



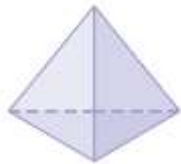
Polyhedrons: a 3-D figure whose faces are all polygons

Prisms: two parallel congruent bases that are polygons and the faces are rectangles



Hexagonal Prism

Pyramids: one base that is a polygon and the faces are triangles



Triangular Pyramid

Cylinders: two parallel congruent bases that are circles that are connected by a curved surface



Cones: one base that is a circle with a curved surface that comes to a point

