CLASSIFYING POLYGONS

Objective:
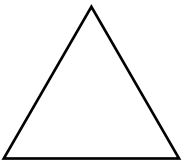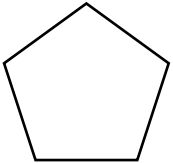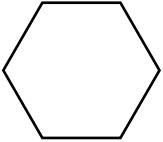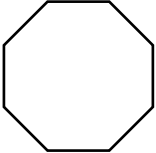
Use properties to classify polygons.

Study the following words:

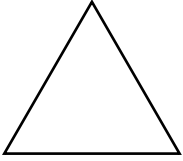*Polygons* - shapes with closed, straight sides

Polygons are shapes with closed, straight sides. They are classified according to their number of sides. The chart below lists some common polygons.

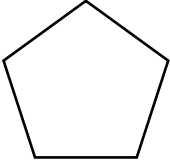| POLYGONS		
Shape	Number of Sides	Name of Polygon
	3	Triangle
	4	Quadrilateral
	5	Pentagon
	6	Hexagon
	8	Octagon

EXAMPLE 1

Classify each polygon.

a.

The shape is a triangle because it has 3 sides.

b.

The shape is a pentagon because it has 5 sides.

Classify each polygon.