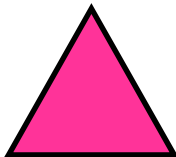
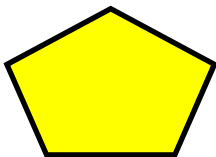
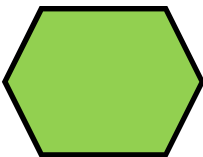
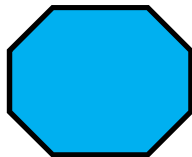


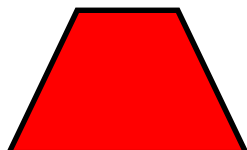
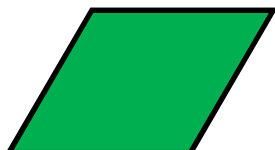


# Classify Two-Dimensional Shapes

Two-dimensional shapes are flat figures that have a length and a width. Two-dimensional shapes can also be called a plane figure or polygon. They can be classified by the number of sides and vertices (corners) they have. You can also classify shapes by the types of lines and angles they have.

Triangle	Pentagon	Hexagon	Octagon
			
3 sides 3 vertices	5 sides 5 vertices	6 sides 6 vertices	8 sides 8 vertices

Quadrilaterals are shapes that have 4 sides and 4 vertices. There are many different names for quadrilaterals.

Rectangle	Square	Trapezoid	Parallelogram
			
2 sets of parallel sides 4 right angles	4 equal sides 4 right angles	1 pair of parallel sides	2 sets of parallel sides

**Some quadrilaterals can have multiple names.**

Example: A square can also be called a parallelogram because it has two sets of parallel sides.