3rd Grade Shapes

What is a Polygon?

★ It's a closed shape

★ It has straight sides

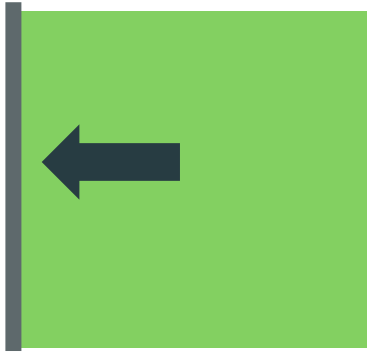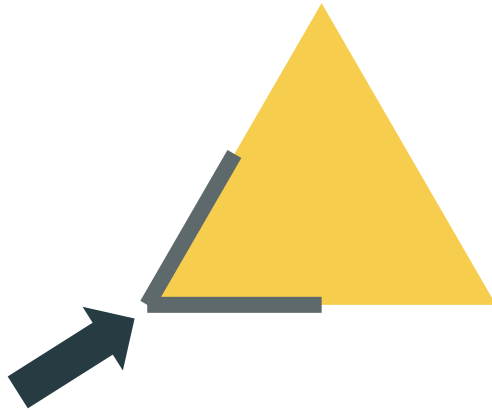★ It is 2-dimensional

★ Lines do not cross
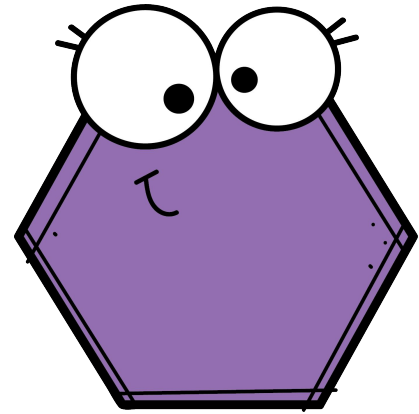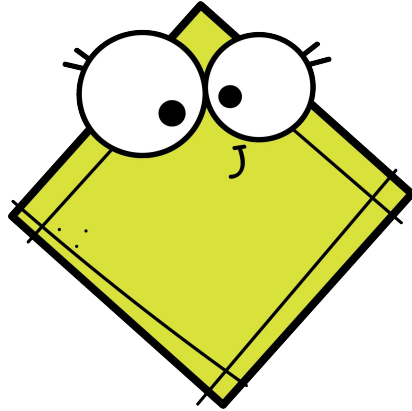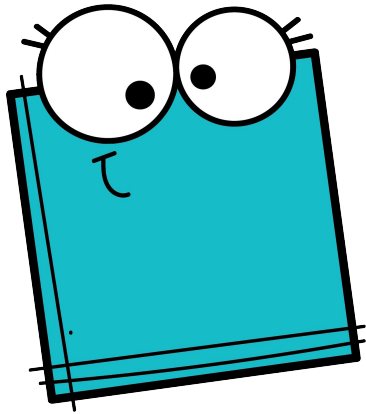
Vocabulary

Side

Vertex / Vertices

Angle
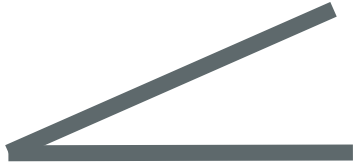
Parallel Lines
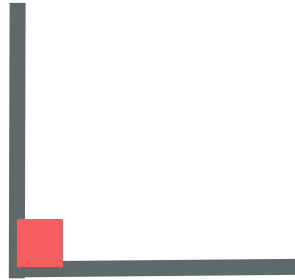Lines that are equal distance from each other and will never meet.

Angles

Acute

Right

Obtuse
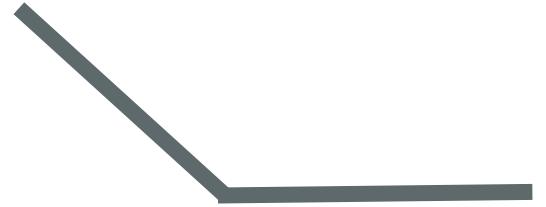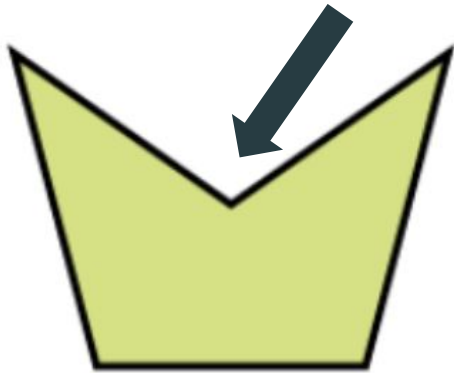
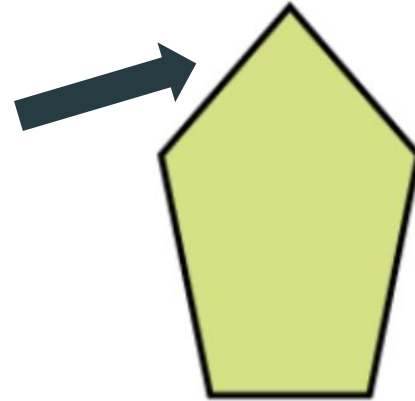Less than 90 degrees

Exactly 90 degrees

Greater than 90 degrees
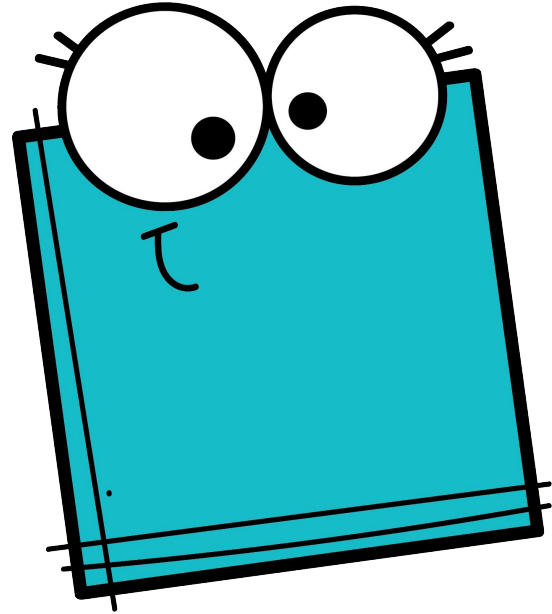
Concave vs. Convex

Concave

Convex

Quadrilaterals

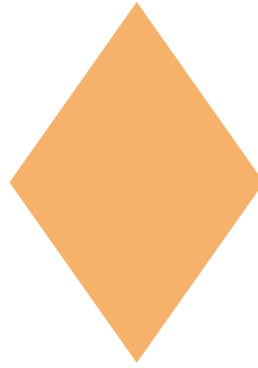What are the attributes of a quadrilateral?

★ 4 sides
★ 4 angles

Quadrilaterals

Rectangle
-4 right angles

Square
-4 right angles
-All sides the same length

Rhombus
-All sides the same length

Parallelogram
-2 pairs of parallel sides

Trapezoid
-1 pair of parallel sides

Quadrilaterals

Parallelogram
-2 pairs of parallel sides

Rhombus
-All sides the same length

Rectangle
-4 right angles

Square
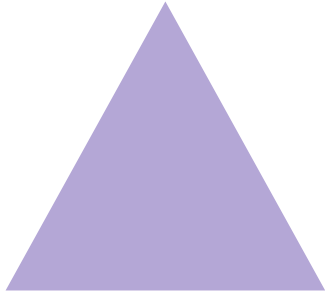-4 right angles
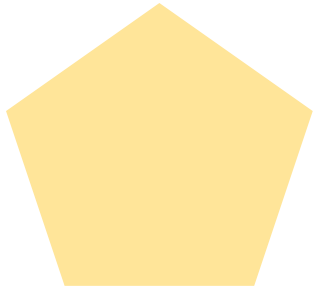-All sides the same length

Trapezoid
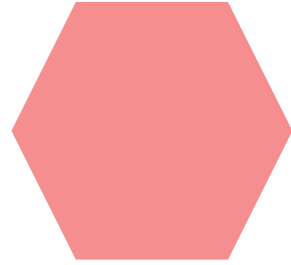-1 pair of parallel sides

Other Polygons

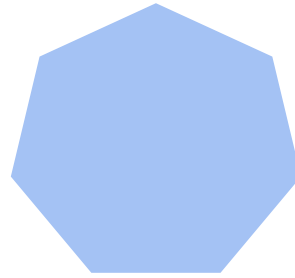**Triangle**
-3 sides
-3 angles

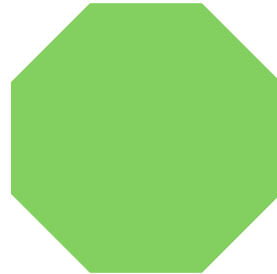**Pentagon**
-5 sides
-5 angles

Hexagon
-6 sides
-6 angles

Hectagon
-7 sides
-7 angles

Octagon
-8 sides
-8 angles