

# Progression of Lessons

## Lesson 1

**Determine the defining attributes of a polygon.**

Write the number of sides and angles.

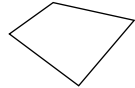
1.



\_\_\_\_sides

\_\_\_\_angles

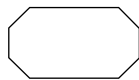
2.



\_\_\_\_sides

\_\_\_\_angles

3.



\_\_\_\_sides

\_\_\_\_angles

*I know the first shape has 5 sides, so it also has 5 angles. The number of angles is always the same as the number of sides.*

## Lesson 2

**Use attributes to identify, build, and describe two-dimensional shapes.**

I have 3 sides and  
3 angles.  
I am a polygon.  
What am I?

*I think the mystery shape is a triangle.  
I can draw another triangle with the same attributes that looks different.*

## Lesson 3





**Identify, build, and describe right angles and parallel lines.**



*I know this trapezoid has 1 pair of parallel sides. If the 2 horizontal sides keep going in both directions, they will never touch. This trapezoid does not have any right angles, but the other shapes do.*

### Lesson 4

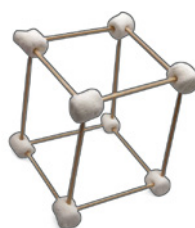
Use attributes to identify, classify, and compose different quadrilaterals.

Types of Quadrilaterals	
Rhombus 	Rectangle 
Square 	Trapezoid 

All the quadrilaterals I drew have 4 sides. Only squares and rhombuses have sides that are the same length. Rectangles and squares have 4 right angles.

### Lesson 5

Relate the square to the cube and use attributes to describe a cube.



I know that a cube has 12 edges, 6 faces, and 8 vertices. The face of a cube is a square.