**Geometry Review (M 8-26-19)**

**Perimeter and Area**

A **polygon** is a closed plane figure formed by 3 or more segments that intersect only at their endpoints.

**side of the polygon**: segments that form a polygon

**vertex of the polygon**: common endpoints of two sides

**diagonal**: a segment that connects any two nonconsecutive vertices

Number of sides: Name of Polygon:

 3 triangle

 4 quadrilateral

 5 pentagon

 6 hexagon

 7 heptagon or septagon

 8 octagon

 9 nonagon

 10 decagon

 12 dodecagon

 *n* n-gon

**convex polygons**: all angles point out 

**concave polygons**: you have at least one vertex (or angle) pointing in

