

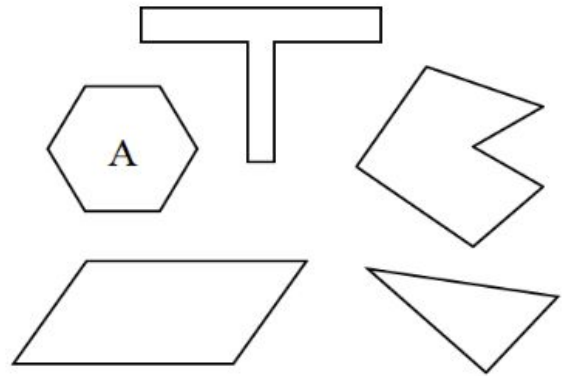
# Polygon Notes

## Important Information

- **Polygon**-a two dimensional closed figure of three or more line segments (sides) connected end to end.
- **Vertex**-a point where two lines meet.
- **Regular Polygon**-a polygon with sides that are all the same length.

## Examples:

- Below are examples of polygons. Shape A is an example of a regular polygon.



Some polygons are given specialized names.

- **Right triangle**-a triangle that contains a right ( $90^\circ$ ) angle.
- **Isosceles triangle** (or **trapezoid**)-a triangle that has at least two sides of equal length.
- **Equilateral triangle**-a triangle that has all sides of equal length.
- **Scalene triangle**-a triangle that has no sides that are the same length.

Fill in the Number of Sides each Polygon has...

Name of Polygon	Number of Sides
Triangle	
Quadrilateral	
Pentagon	
Hexagon	
Heptagon	
Octagon	
Nonagon	
Decagon	

