







Polygons: a **polygon** is a closed shape made up of line segments. Each line segment is a **side** of the polygon. The point at which two sides meet is a **vertex** of the polygon. A line segment that connects two vertices that are not next to each other is a **diagonal**.

Polygon (word)	Polygon (picture)	Number of Sides	Numbers of Vertices
Triangle		3	3
Quadrilateral		4	4
Pentagon		5	5
Hexagon		6	6
Octagon		8	8
Decagon		10	10