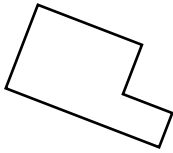
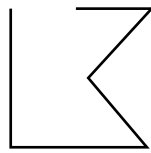


Polygons

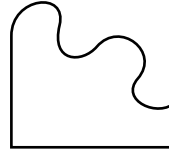
Polygons are closed plane figures that are made up of line segments. All of the line segments connect. All of the sides of a polygon are straight, not curved.

**Polygon**

Closed figure made of line segments.

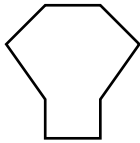
**Not a polygon**

Not a closed figure.

**Not a polygon**

Not all of the sides are line segments.

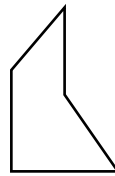
Here are some common polygons. Note that the sides of polygons do not all have to be the same length.

**Octagon**

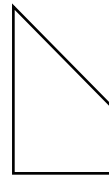
8 sides

**Hexagon**

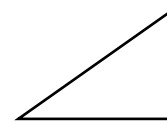
6 sides

**Pentagon**

5 sides

**Quadrilateral**

4 sides

**Triangle**

3 sides

Draw an example of each type of polygon. How many sides and vertices does each one have?

1. Hexagon

2. Quadrilateral

3. Pentagon

4. Octagon
