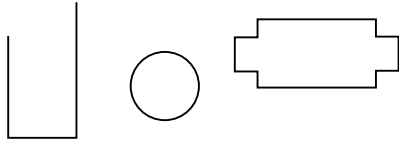


# Plane Figures

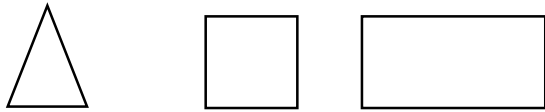
**CA Standards**  
MG 2.0, **KEY** MG 2.1,

A **plane figure** can be closed or open.



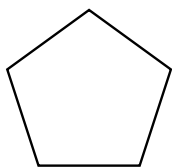
A **polygon** is a closed plane figure that has 3 or more sides. Each side is a line segment.

Some polygons have specific names.

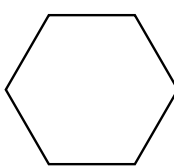


**Triangle**  
3 sides

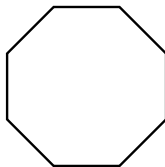
**Quadrilateral**  
4 sides



**Pentagon**  
5 sides

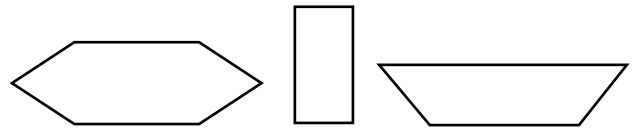


**Hexagon**  
6 sides

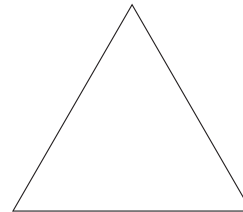


**Octagon**  
8 sides

Each **side** in a polygon is a line segment.

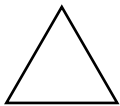


A **vertex** is where two sides meet.



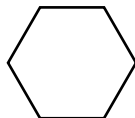
Tell whether the figure is a polygon. If it is, write its name.

1.



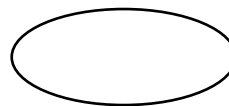
\_\_\_\_\_

2.



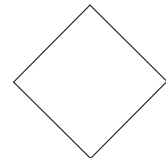
\_\_\_\_\_

3.



\_\_\_\_\_

4.



\_\_\_\_\_



**Writing Math** Is a circle a polygon? Explain.

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