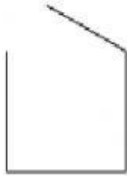
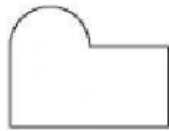


# Polygons

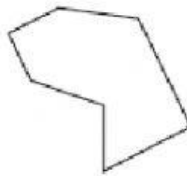
**Polygons** are closed figures that are made up of straight line segments.



**Not** a polygon  
Not a closed figure

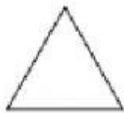


**Not** a polygon  
Not all straight line segments



**Polygon**  
Closed figure  
All straight line segments

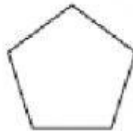
**Polygons** can be classified by the number of sides.



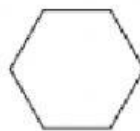
**Triangle**  
3 sides



**Quadrilateral**  
4 sides



**Pentagon**  
5 sides



**Hexagon**  
6 sides



**Octagon**  
8 sides

Is each figure a polygon? Choose **yes** or **no**. If the answer is yes, write the **type of polygon**.

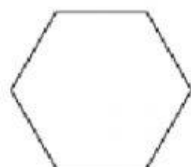
1.



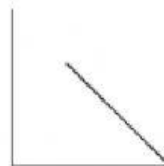
2.



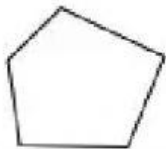
3.



4.



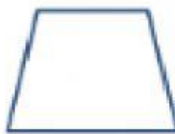
5.



Yes

No

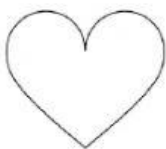
6.



Yes

No

7.



Yes

No

8.



Yes

No

Write the **name** for each polygon.

1.



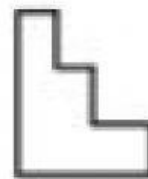
\_\_\_\_\_

2.



\_\_\_\_\_

3.



\_\_\_\_\_