

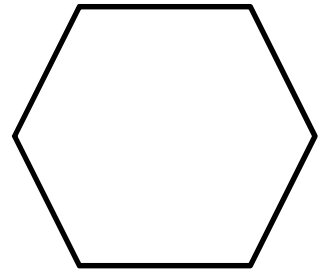
# Polygons: Grade 6

1 Identify the following polygons. State if each polygon is regular or irregular.

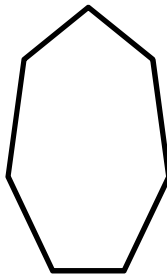
(a)  
 \_\_\_\_\_  
 \_\_\_\_\_



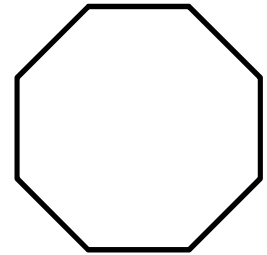
(b)  
 \_\_\_\_\_  
 \_\_\_\_\_



(c)  
 \_\_\_\_\_  
 \_\_\_\_\_



(d)  
 \_\_\_\_\_  
 \_\_\_\_\_

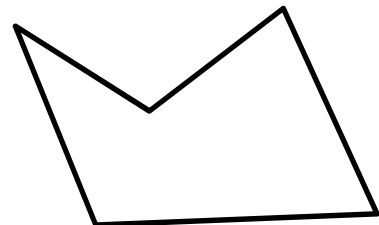


2 State if the following figures are polygons or not, and if they are convex or concave. Motivate by giving a reason for your answer :

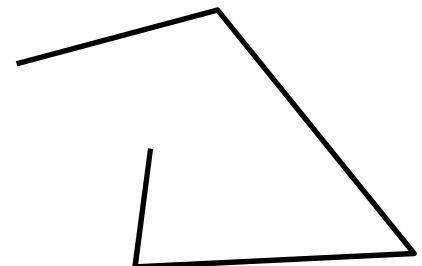
(a)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



(b)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



(c)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



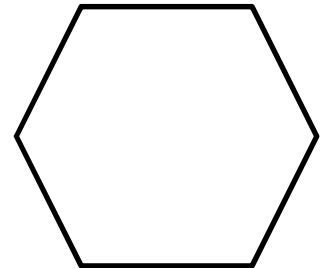
# Memo

1 Identify the following polygons. State if each polygon is regular or irregular.

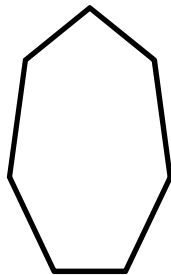
(a) **Triangle**  
**Irregular**  
... sides are not the same Length.



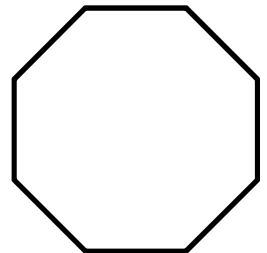
(b) **Hexagon**  
**Regular** – sides are of the same length.



(c) **Heptagon**  
**Irregular**  
... sides are not the same Length.



(d) **Octagon**  
**Regular** – sides are of the same length.

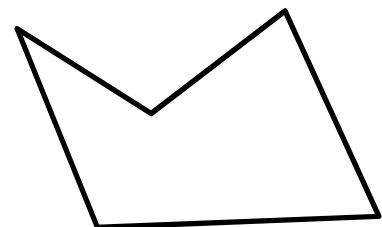


2 State if the following figures are polygons or not, and if they are convex or concave. Motivate by giving a reason for your answer :

(a) **Irregular polygon. Convex.**  
**The interior angles are all less than  $180^\circ$**



(b) **Irregular polygon. Concave.**  
**Has one reflex interior angle ( more than  $180^\circ$ )**



(c) **Not a polygon.**  
**Not a closed figure.**

