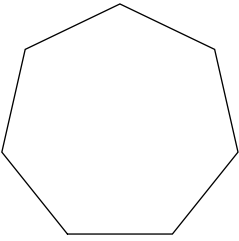


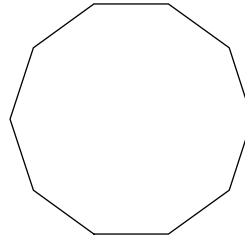
# Introduction to Polygons

**Write the name of each polygon.**

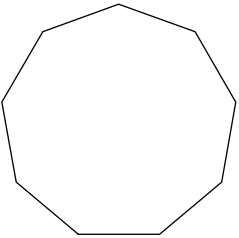
1)



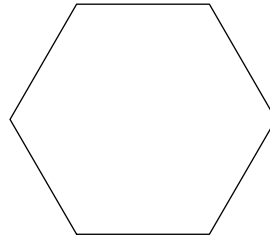
2)



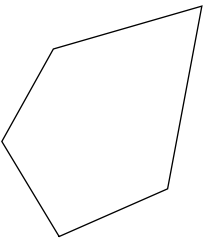
3)



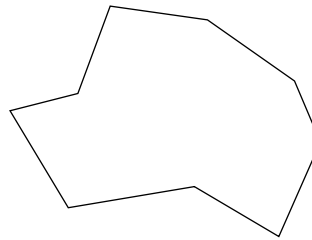
4)



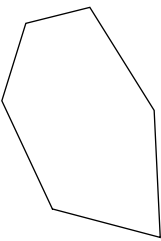
5)



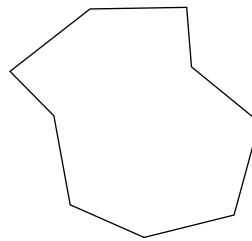
6)



7)

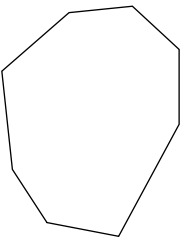


8)

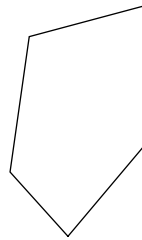


**State if each polygon is concave or convex.**

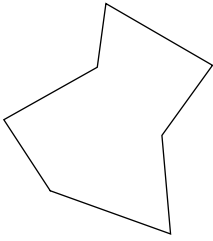
9)



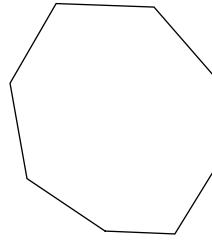
10)



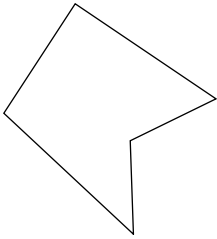
11)



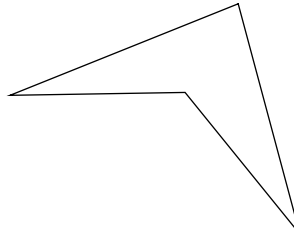
12)



13)

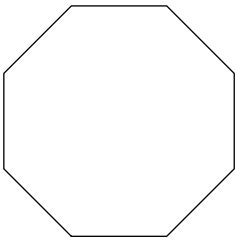


14)

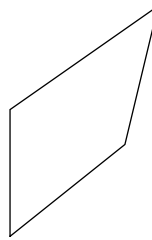


**State if each polygon is regular or not.**

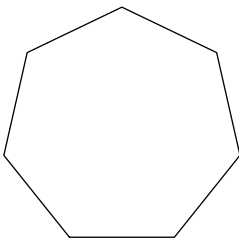
15)



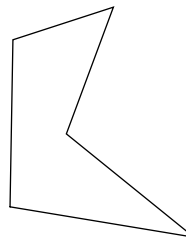
16)



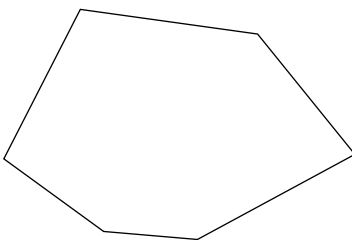
17)



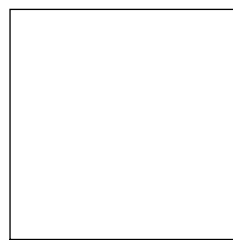
18)



19)



20)



**Critical thinking questions:**

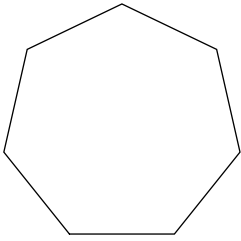
21) Sketch a concave hexagon.

22) Which are impossible:  
 Regular convex octagon  
 Concave trapezoid  
 Convex irregular 20-gon  
 Concave triangle  
 Concave equilateral pentagon

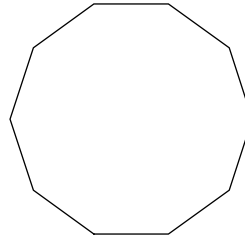
# Introduction to Polygons

**Write the name of each polygon.**

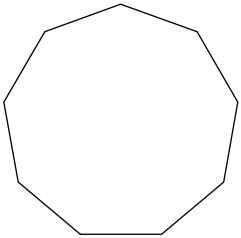
1) **heptagon**



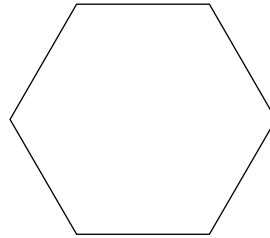
2) **decagon**



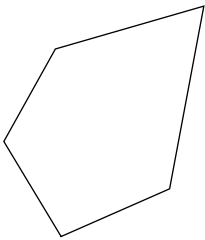
3) **nonagon**



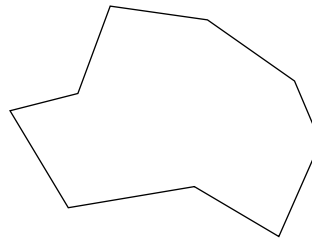
4) **hexagon**



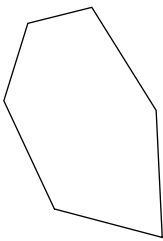
5) **pentagon**



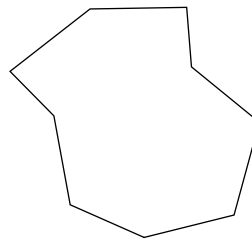
6) **nonagon**



7) **hexagon**

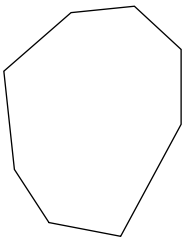


8) **nonagon**

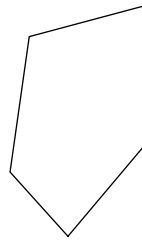


**State if each polygon is concave or convex.**

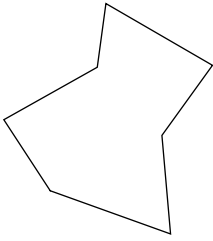
9) **convex**



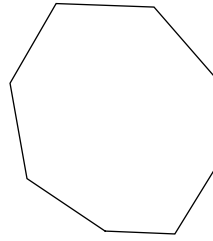
10) **convex**



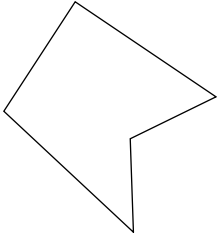
11) **concave**



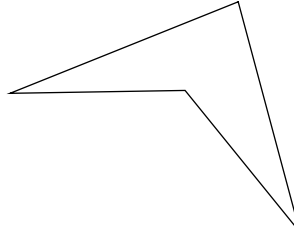
12) **convex**



13) **concave**

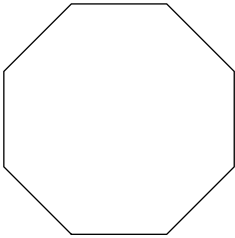


14) **concave**

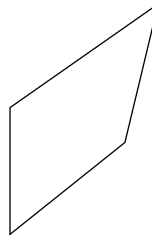


**State if each polygon is regular or not.**

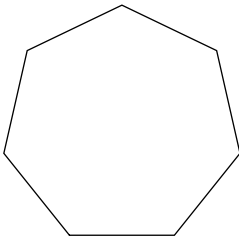
15) **regular**



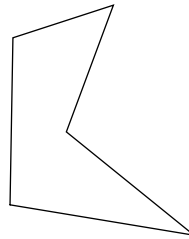
16) **not regular**



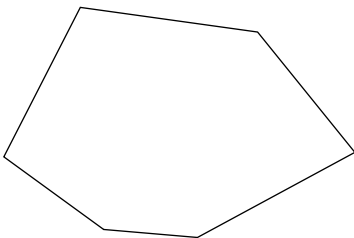
17) **regular**



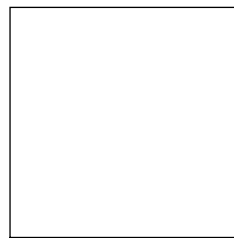
18) **not regular**



19) **not regular**



20) **regular**



**Critical thinking questions:**

21) Sketch a concave hexagon. **Many answers.**

22) Which are impossible:

Regular convex octagon

Concave trapezoid

Convex irregular 20-gon

Concave triangle

Concave equilateral pentagon

**Concave trapezoid, concave triangle**