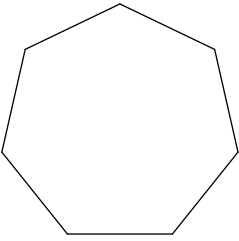


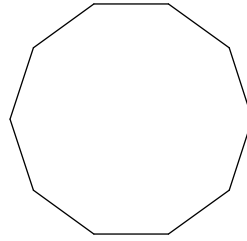
Introduction to Polygons

Write the name of each polygon.

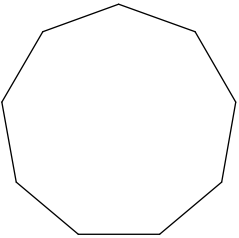
1)



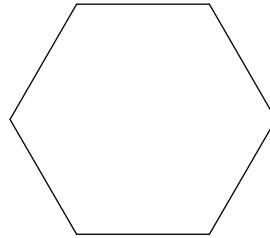
2)



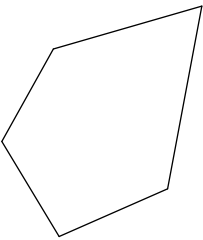
3)



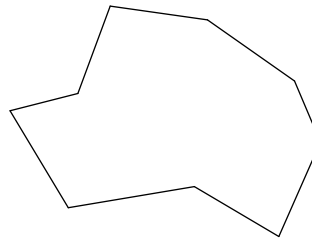
4)



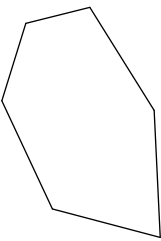
5)



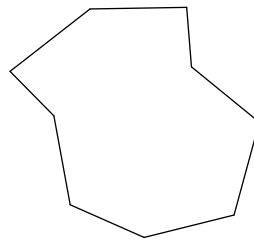
6)



7)

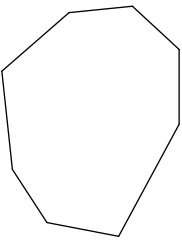


8)

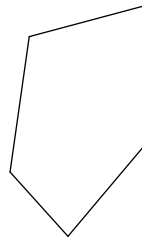


State if each polygon is concave or convex.

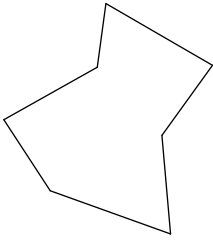
9)



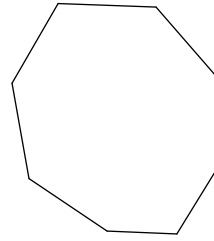
10)



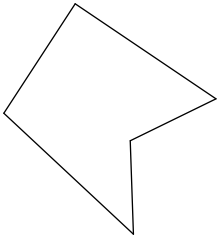
11)



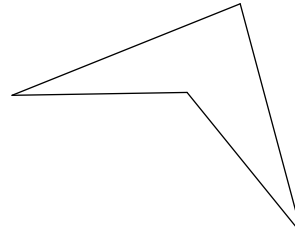
12)



13)

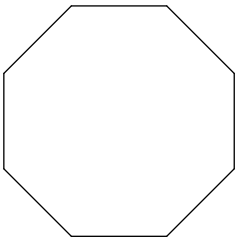


14)

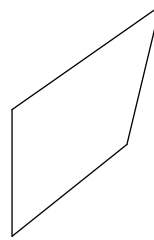


State if each polygon is regular or not.

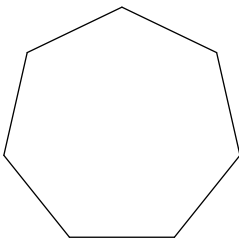
15)



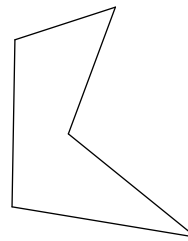
16)



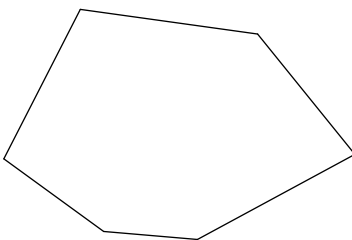
17)



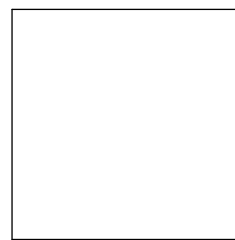
18)



19)



20)



Critical thinking questions:

21) Sketch a concave hexagon.

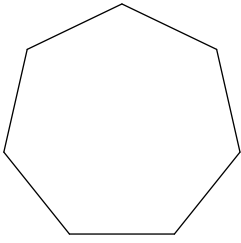
22) Which are impossible:

- Regular convex octagon
- Concave trapezoid
- Convex irregular 20-gon
- Concave triangle
- Concave equilateral pentagon

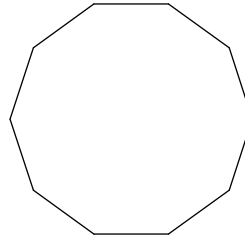
Introduction to Polygons

Write the name of each polygon.

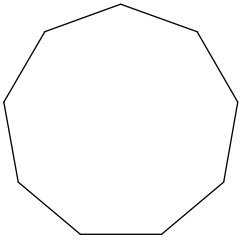
1) **heptagon**



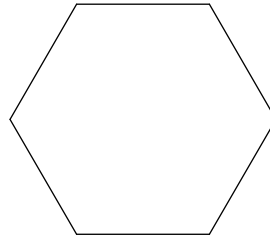
2) **decagon**



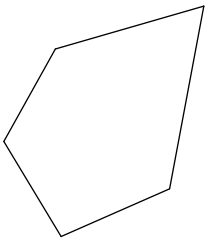
3) **nonagon**



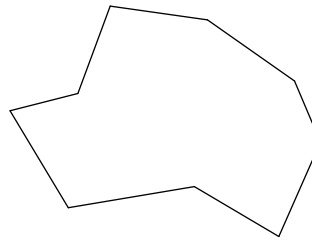
4) **hexagon**



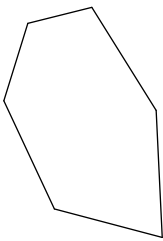
5) **pentagon**



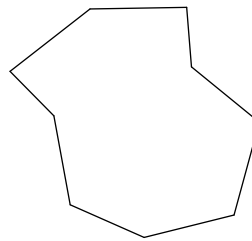
6) **nonagon**



7) **hexagon**

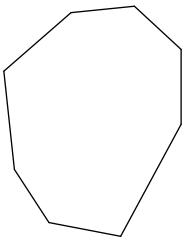


8) **nonagon**

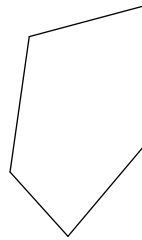


State if each polygon is concave or convex.

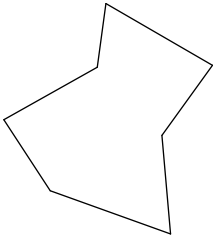
9) **convex**



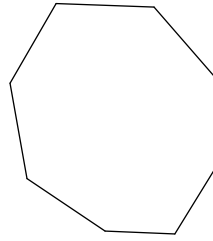
10) **convex**



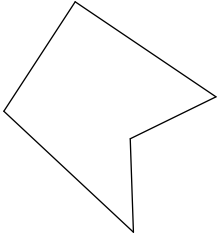
11) concave



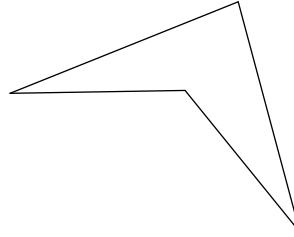
12) convex



13) concave

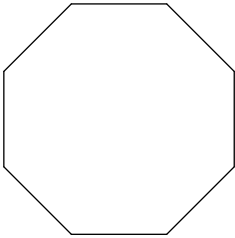


14) concave

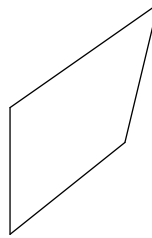


State if each polygon is regular or not.

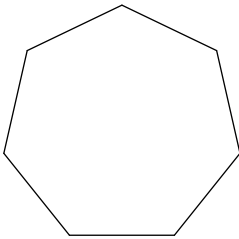
15) regular



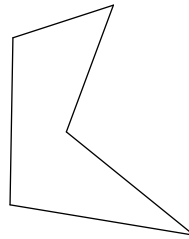
16) not regular



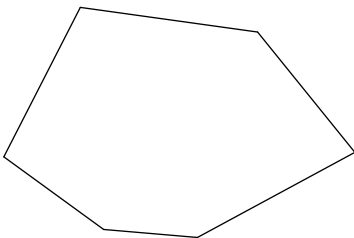
17) regular



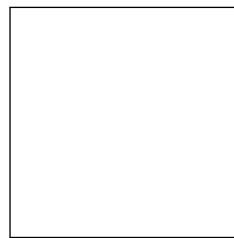
18) not regular



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