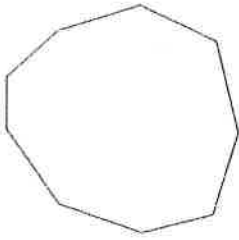


Extra Practice 12.1

Write the name of each polygon. State if the polygon is convex or concave.

1)



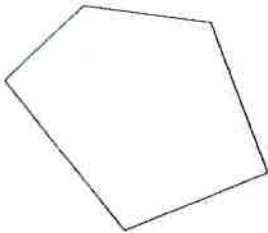
Convex  
9-gon  
(nonagon)

2)



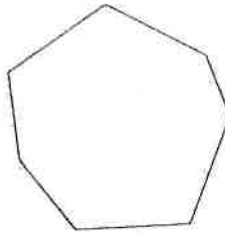
Concave  
Decagon

3)



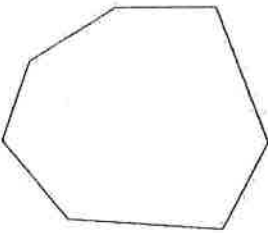
Convex  
pentagon

4)



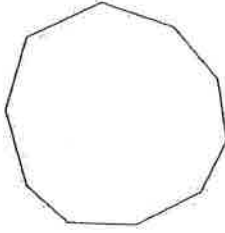
Convex  
7-gon  
(Heptagon)

5)



Convex  
7-gon  
(Heptagon)

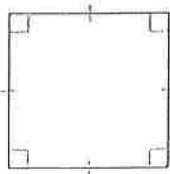
6)



Convex  
decagon

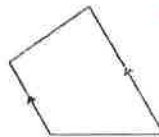
State all possible names for each figure.

7)



• Polygon  
• Quadrilateral  
• Parallelogram  
• Rhombus  
• Rectangle  
• Square

8)



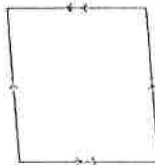
• Polygon  
• Quadrilateral  
• Trapezoid

9)



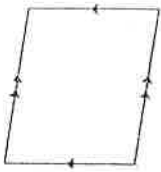
• Polygon  
• Quadrilateral  
• Parallelogram  
• Rectangle

10)



• Polygon  
• Quadrilateral  
• Parallelogram

11)



• Polygon  
 • Quadrilateral  
 • Parallelogram

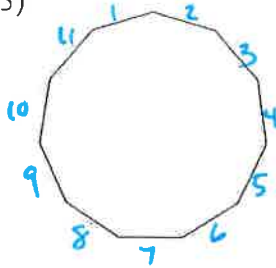
12)



• Polygon  
 • Quadrilateral  
 • Parallelogram  
 • Rhombus  
 • Rectangle  
 • Square

Find the interior angle sum for each polygon. Round your answer to the nearest tenth if necessary.

13)



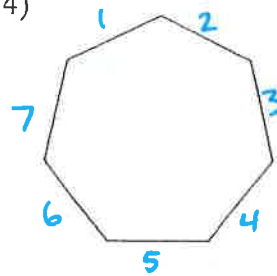
$$(n-2)180$$

$$(11-2)180$$

$$(9)180$$

$$\boxed{1620^\circ}$$

14)



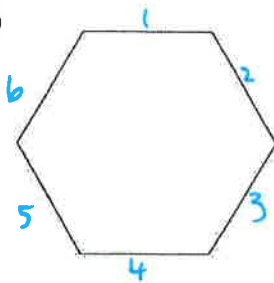
$$(n-2)180$$

$$(7-2)180$$

$$(5)180$$

$$\boxed{900^\circ}$$

15)



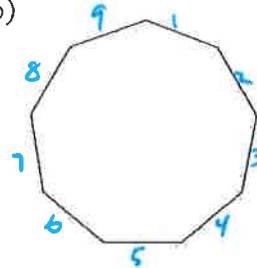
$$(n-2)180$$

$$(6-2)180$$

$$(4)180$$

$$\boxed{720^\circ}$$

16)



$$(n-2)180$$

$$(9-2)180$$

$$(7)180$$

$$\boxed{1260^\circ}$$