

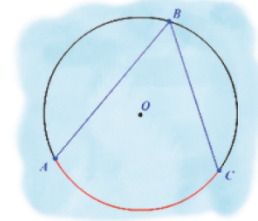
Name :

Class :



Inscribed Angles

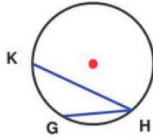
The angle formed in the interior of a circle when two chords intersect on the circle



Inscribed Angles

Decide if each angle is an inscribed angle. If it is, name the angle and intercepted arc.

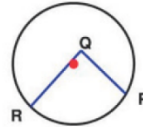
1)



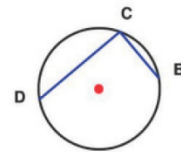
2)



3)

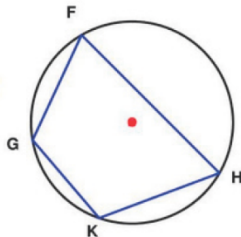


4)



Find the measure of the indicated angle or arc.

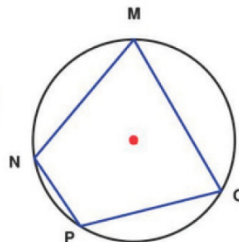
5)



$$m\angle GFH = ?^\circ$$

$$\widehat{GKH} = 140^\circ$$

6)

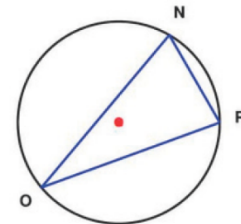


$$m\angle POM = 74^\circ$$

$$\widehat{NM} = 100^\circ$$

$$\widehat{PN} = ?^\circ$$

7)



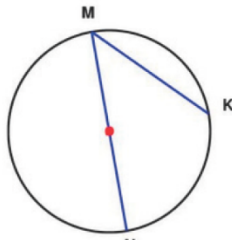
$$m\angle NOP = 30^\circ$$

$$\widehat{ON} = 160^\circ$$

$$\widehat{OP} = ?^\circ$$

Solve for x.

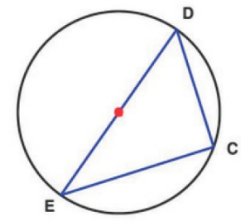
8)



$$m\angle KMN = 4x + 1^\circ$$

$$\widehat{KN} = 90^\circ$$

9)



$$m\angle CDE = 52.5^\circ$$

$$\widehat{DC} = 75^\circ$$

$$\widehat{DE} = 5x^\circ$$