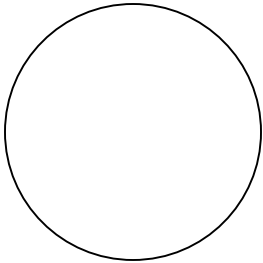
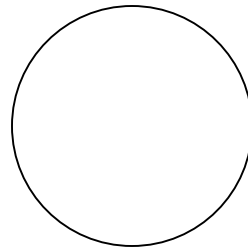
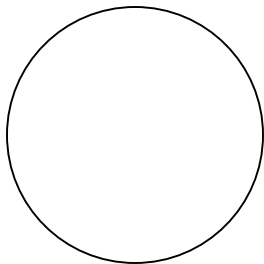


Inscribed Angle: _____



Example: _____

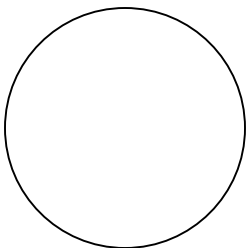
Theorem 9-7: _____



If $m\angle CAT = 70^\circ$, then $m\overset{\frown}{CT} =$ _____.

If $m\overset{\frown}{DG} = 62^\circ$, then $m\angle DOG =$ _____.

Corollary 1: _____



If _____,

then _____

and, _____.

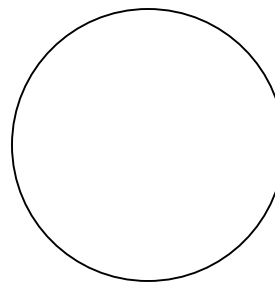
Corollary 2: _____

Given: PG is a diameter of circle I .

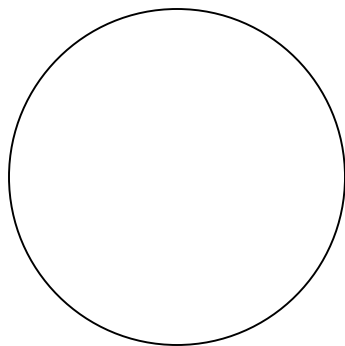
$m\angle PIG =$ _____

$m\angle PLG =$ _____

therefore, $m\angle PQG =$ _____.

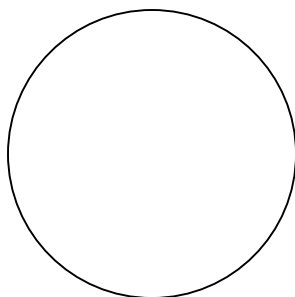


Corollary 3: _____



Examples:

1.

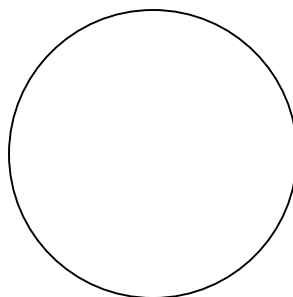


$x =$ _____

$y =$ _____

$z =$ _____

2.

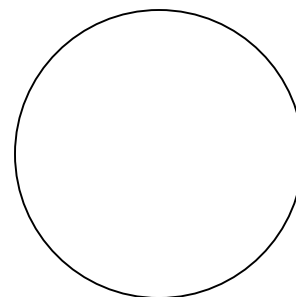


$x =$ _____

$y =$ _____

$z =$ _____

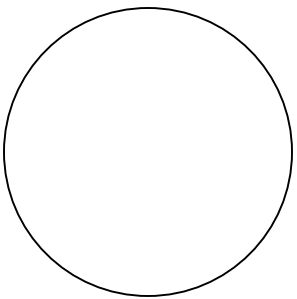
3.



$x =$ _____

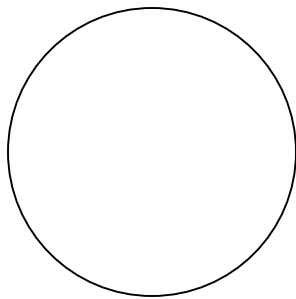
$y =$ _____

4.



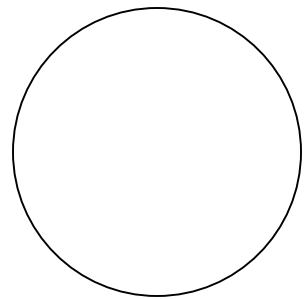
x = _____
y = _____
z = _____

5.



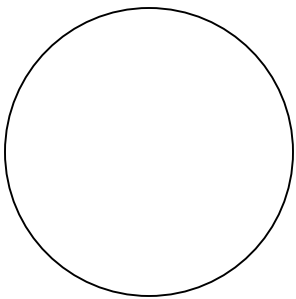
x = _____
y = _____
z = _____

6.



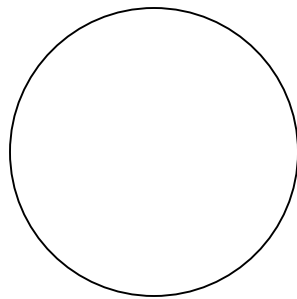
x = _____
y = _____
z = _____

7.



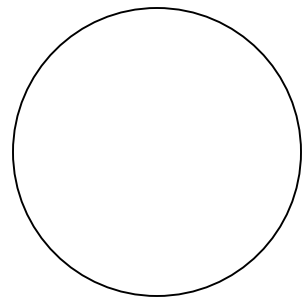
x = _____
y = _____

8.



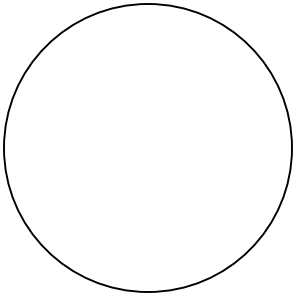
x = _____
y = _____

9.



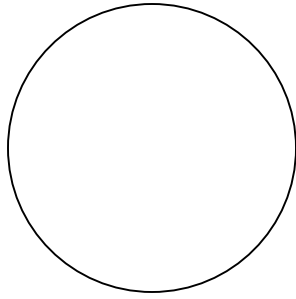
x = _____
y = _____

10.



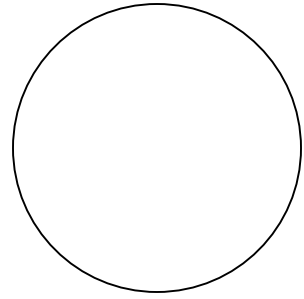
x = _____
y = _____

11.



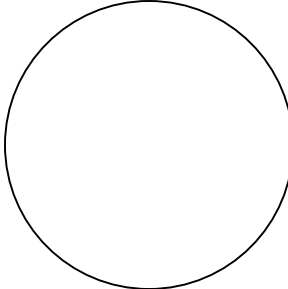
x = _____
y = _____

12.



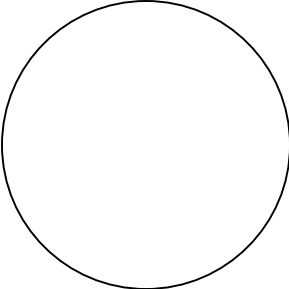
x = _____
y = _____

1.



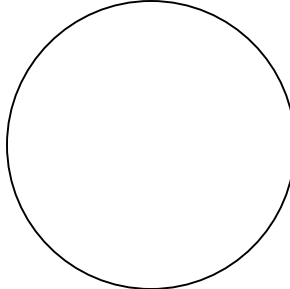
$x =$ _____
 $y =$ _____
 $z =$ _____

2.



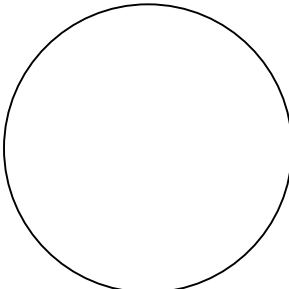
$x =$ _____
 $y =$ _____
 $z =$ _____

3.



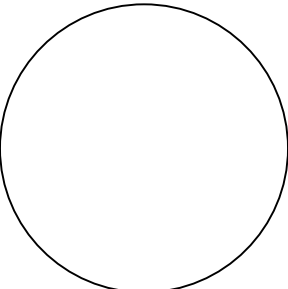
$x =$ _____
 $y =$ _____
 $z =$ _____

4.



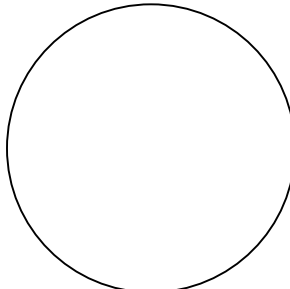
$x =$ _____
 $y =$ _____
 $z =$ _____

5.



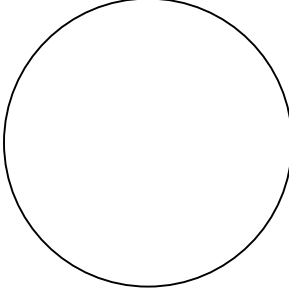
$x =$ _____
 $y =$ _____
 $z =$ _____

6.



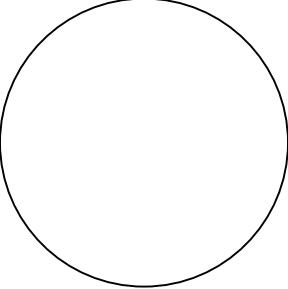
$x =$ _____
 $y =$ _____
 $z =$ _____

7.



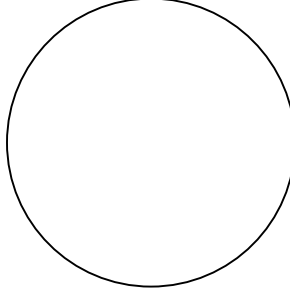
$x =$ _____
 $y =$ _____
 $z =$ _____

8.



$x =$ _____
 $y =$ _____
 $z =$ _____

9.



$x =$ _____
 $y =$ _____
 $z =$ _____