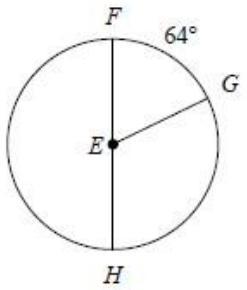
Name _____ **Geometry Period:** _____ **Homework #11**

1) $m\angle GEH$

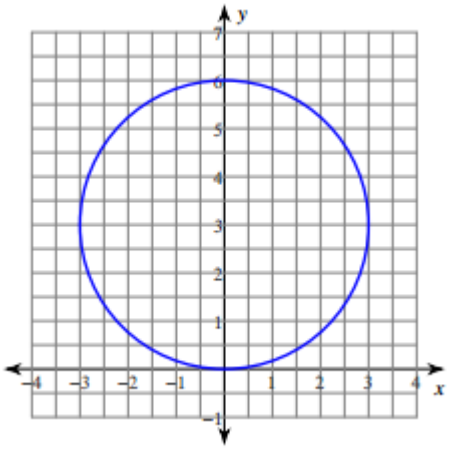


A) 120° B) 116°
C) 126° D) 123°

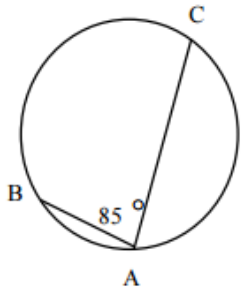
2. State the radius and center of the circle.

$$(x-16)^2+(y-6)^2=1$$

3. Write the equation of the circle in standard form.

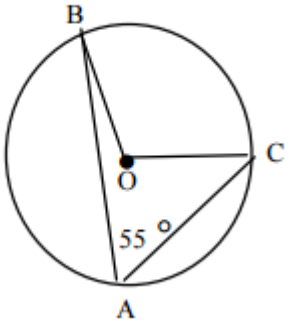


4. Find $\overset{\frown}{BC}$



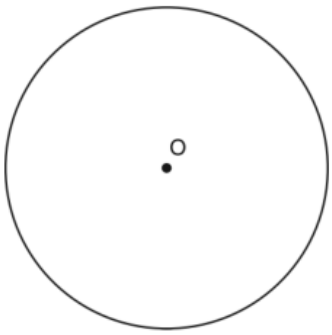
If arc AB is 40, what is the measure of arc AC?

5. Find $m\angle BOC$

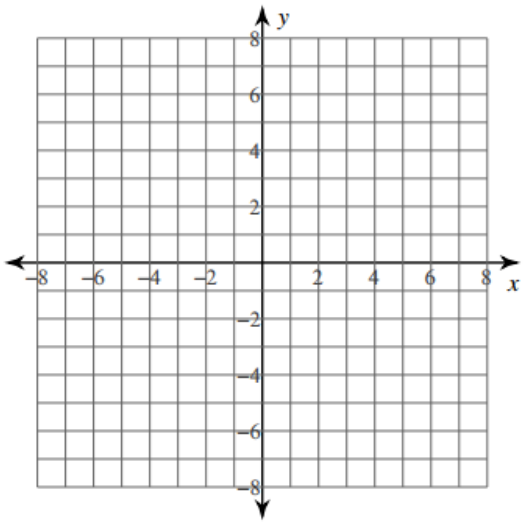


6. Draw and label **radius OA**.

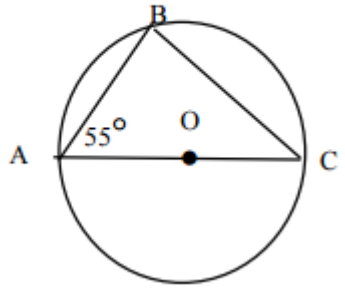
Draw and label a different **diameter BC**.



2) $(x-2)^2+(y+1)^2=16$



8. Find m ∠ C



Find m∠B = _____

Find arc AB = _____

9.

What are the coordinates of the center and the length of the radius equation of the circle represented by the $x^2+y^2-4x+8y+11=0$?

A. center $(2,-4)$ and radius 3

B. center $(-2,4)$ and radius 3

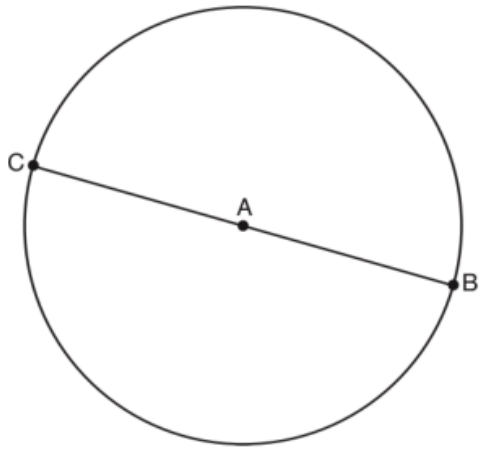
C. center $(2,-4)$ and radius 9

D. center $(-2,4)$ and radius 9

10. What is the measure of Arc CB?

_____

Explain:

_____

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