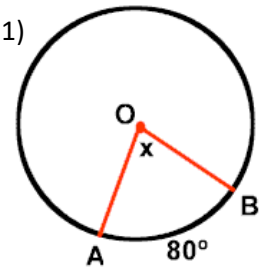
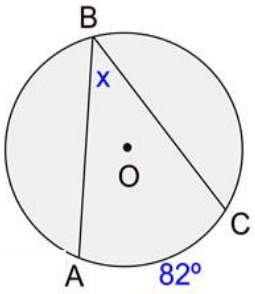
Progress Check: Angles and Tangents (F12-F14) Name: _____

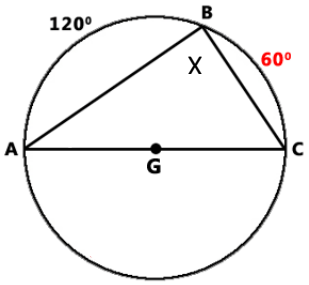
Solve for the following angle measures.

1) 

$\angle AOB$= _____

2) 

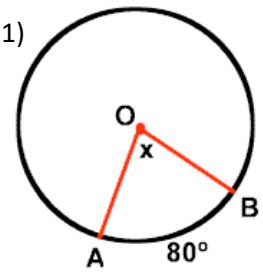
$\angle ABC$ = _____

3) 

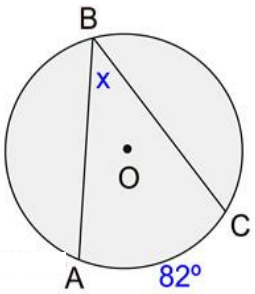
$\angle ABC$ = _____

Progress Check: Angles and Tangents (F12-F14) Name: _____

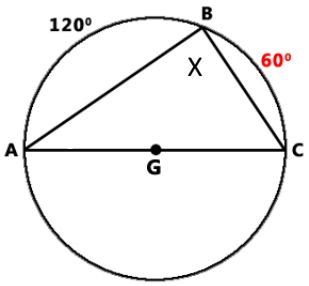
Solve for the following angle measures.

1) 

$\angle AOB$= _____

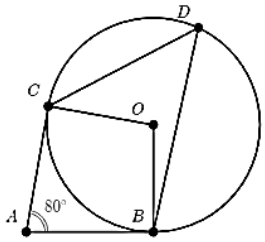
2) 

$\angle ABC$ = _____

3) 

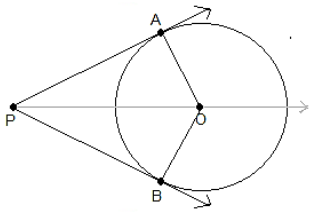
$\angle ABC$ = _____

4) Find the measure of $\widehat{CB}$.

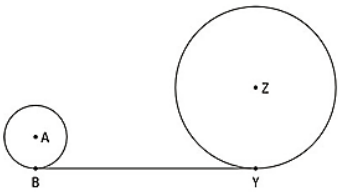


5) Find the measure of $\angle CDB$.

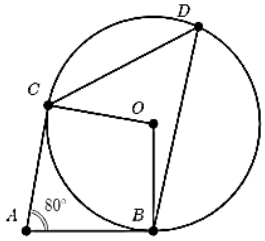
6) Given $m\overline{PO}$ = 14 cm, and the area of circle O is 64πcm^2, find the perimeter of quadrilateral PAOB.



7) Given the radius of circle A is 3 in., the radius of circle B is 6 in., and the length of $\overline{AZ}$ is 10 inches, find the length of $\overline{BY}$ to the nearest tenth of an inch.

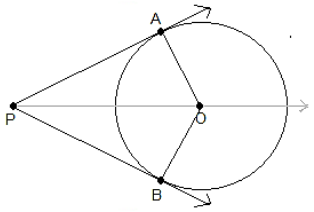


4) Find the measure of $\widehat{CB}$.



5) Find the measure of $\angle CDB$.

6) Given $m\overline{PO}$ = 14 cm, and the area of circle O is 64πcm^2, find the perimeter of quadrilateral PAOB.



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