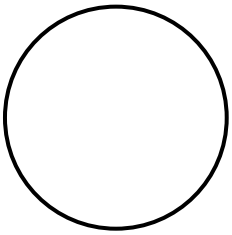
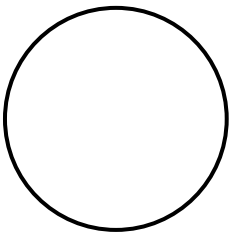
Name: _____ Date: _____ Row: _____ Period: _____

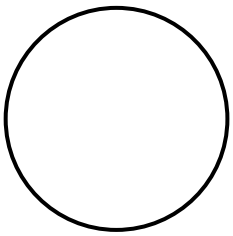
NOTES SECTION 9.6: OTHER ANGLES

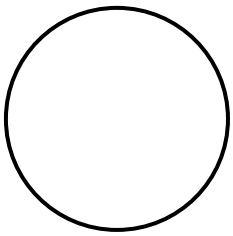
THEOREM



THEOREM

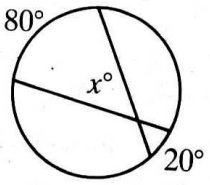




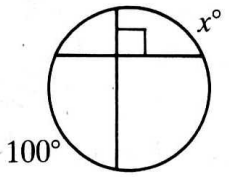


Find the value of x.

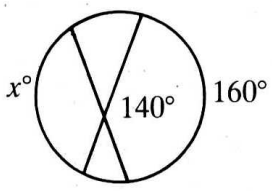
1.



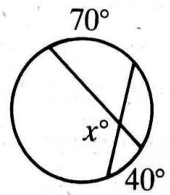
2.



3.

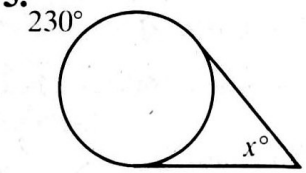


4.

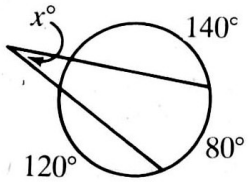


Find the value of x.

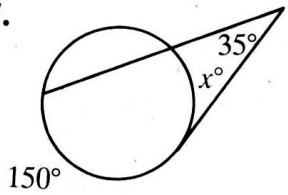
5.



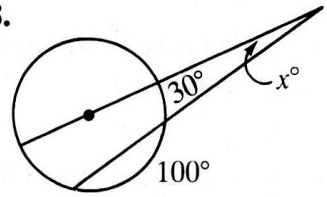
6.



7.



8.



$\overline{BE}$ is a diameter of $\odot O$. $\overleftrightarrow{AT}$ is tangent to $\odot O$ at A. $m\widehat{AB} = 80$, $m\widehat{BC} = 20$, and $m\widehat{DE} = 50$.

9. $m\angle 1 =$?

10. $m\angle 2 =$?

11. $m\angle 3 =$?

12. $m\angle 4 =$?

13. $m\angle 5 =$?

14. $m\angle 6 =$?

15. $m\angle 7 =$?

16. $m\angle 8 =$?

17. $m\angle 9 =$?

18. $m\angle 10 =$?