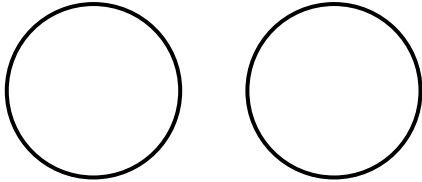


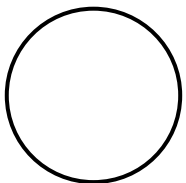
Name: _____ Date: _____ Row: _____ Period: _____

NOTES SECTION 9.5: INSCRIBED ANGLES

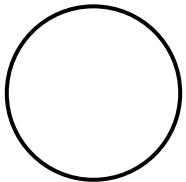
INSCRIBED ANGLE



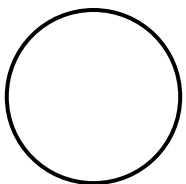
THEOREM



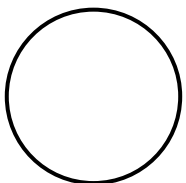
COROLLARY



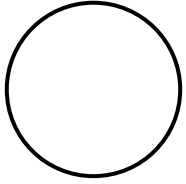
COROLLARY



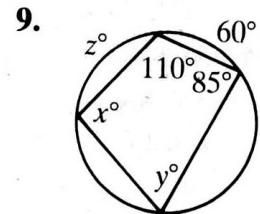
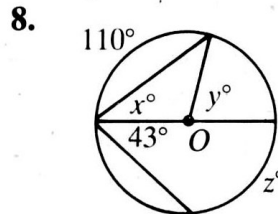
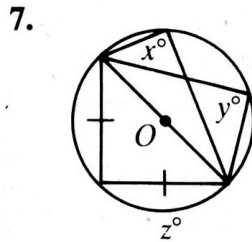
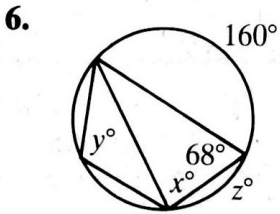
COROLLARY



THEOREM



Find the values of x , y , and z . In Exercises 7 and 8, O is the center of the circle.

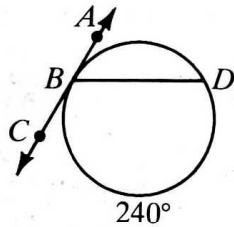


Complete.

10. $m\angle CBD = \underline{\quad?}$

11. $m\widehat{BD} = \underline{\quad?}$

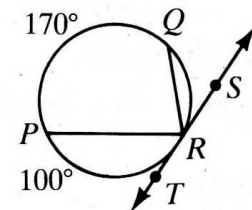
12. $m\angle ABD = \underline{\quad?}$



13. $m\angle PRT = \underline{\quad?}$

14. $m\angle PRQ = \underline{\quad?}$

15. $m\angle QRS = \underline{\quad?}$



\overleftrightarrow{AC} is tangent to $\odot Z$ at B . \overline{BE} is a diameter and $m\angle DBC = 75$.

16. $m\widehat{DE} = \underline{\quad?}$

18. $m\widehat{DB} = \underline{\quad?}$

20. $m\angle BDE = \underline{\quad?}$

17. $m\angle EBD = \underline{\quad?}$

19. $m\angle DEB = \underline{\quad?}$

21. $m\widehat{BFE} = \underline{\quad?}$

