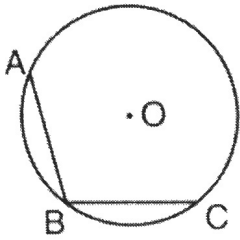
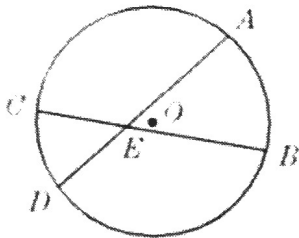


Standard: Inscribed Angles, Vertex Inside/Outside the Circle

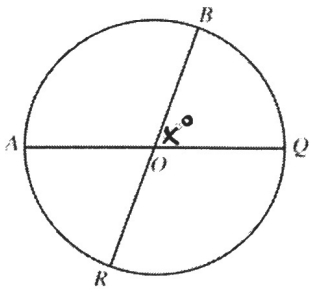
1. In circle O , $m\widehat{ABC} = 200^\circ$. What is the $m\angle ABC$.



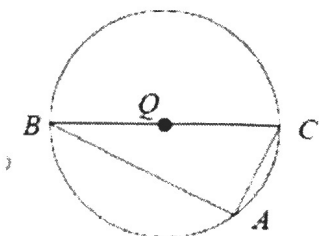
2. In circle O , $m\widehat{AB} = 76^\circ$ and $m\angle AEB = 42^\circ$. What is the measure of \widehat{CD} .



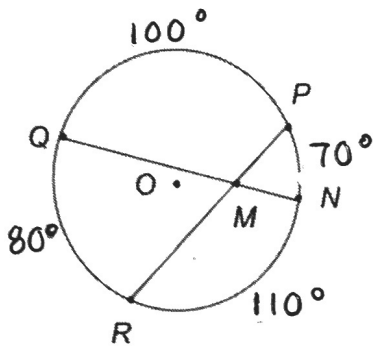
3. \overline{AQ} and \overline{BR} are diameters of circle O , and the measure of minor $\widehat{AB} = 106^\circ$. What is the value of x .



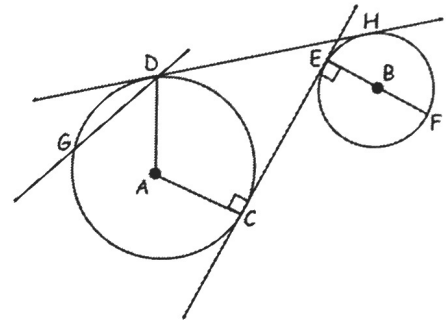
4. \overline{BC} is a diameter in circle Q . What is the measure of angle CAB ?



5. In circle O, what is the $m\angle PMN$?



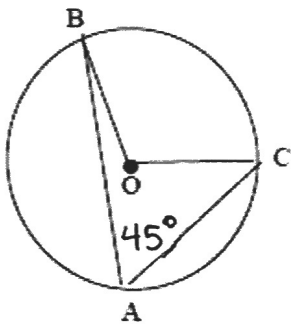
6. Name two chords from the picture to the right.



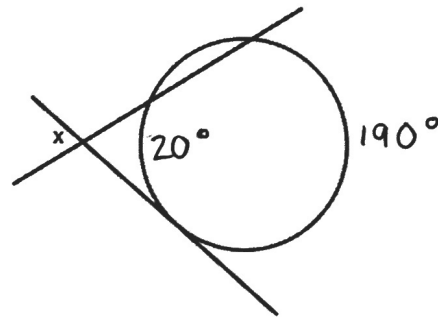
7. Name two major arcs from the picture to the right.

Free Response

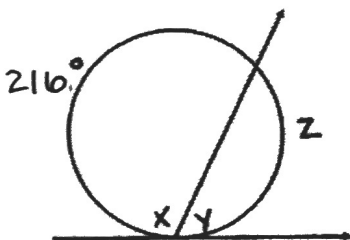
13. $\angle BOC =$ _____



14. $x =$ _____



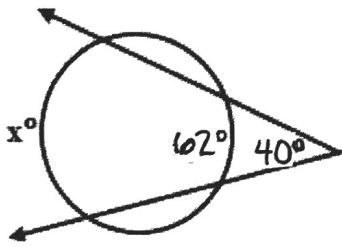
15. $x =$ _____ $y =$ _____ $z =$ _____



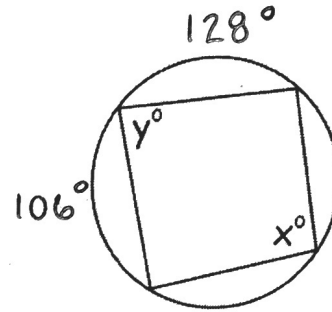
16. $x =$ _____ $y =$ _____



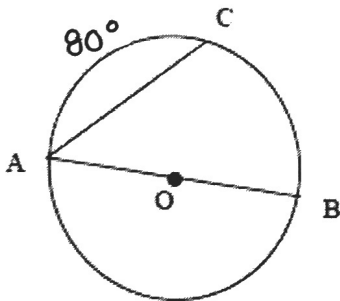
17. $x =$ _____



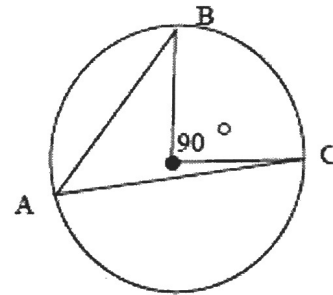
18. $x =$ _____



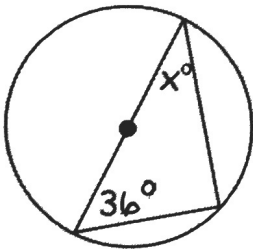
19. $m\angle A =$ _____



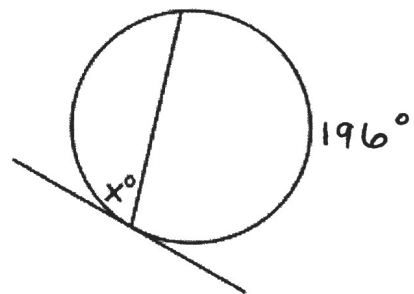
20. $m\angle A =$ _____



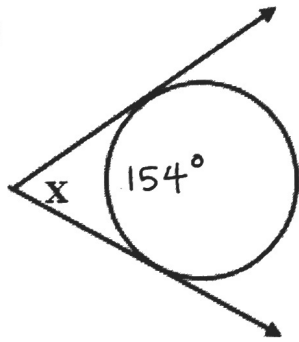
21. $x =$ _____



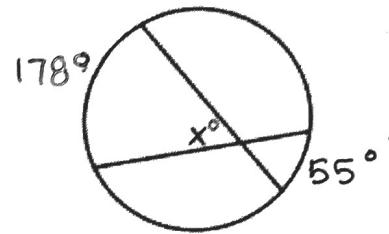
22. $x =$ _____



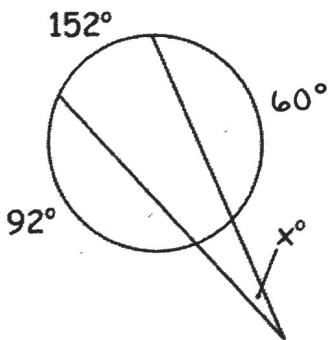
23. $x =$ _____



24. $X =$ _____



25. $x =$ _____



26. $x =$ _____ $y =$ _____

