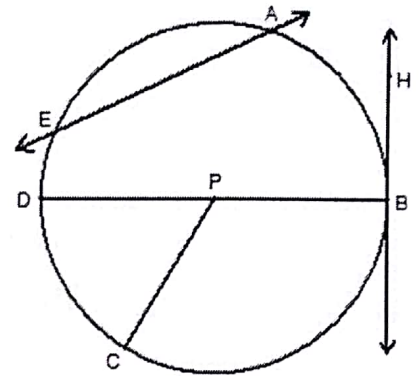


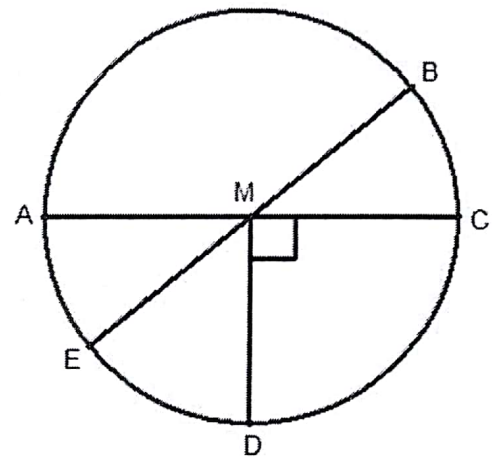
Using the diagram, match the notation with the term that best describes it. (USE LINES!)

- | | |
|--------------------|----------------------|
| 1. \overline{PC} | A. Center |
| 2. \overline{BH} | B. Chord |
| 3. \overline{BD} | C. Diameter |
| 4. \overline{AE} | D. Radius |
| 5. \overline{AE} | E. Point of tangency |
| 6. B | F. Secant |
| 7. P | G. Tangent |



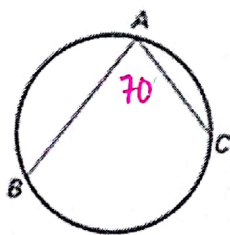
In circle M, $m\angle BMC = 50$, $m\angle CMD = 90$, and \overline{AC} and \overline{BE} are diameters. Find the measure of each arc or angle.

8. $\widehat{AB} =$ _____
9. $\widehat{CD} =$ _____
10. $\widehat{AE} =$ _____
11. $\widehat{DE} =$ _____
12. $\widehat{BAE} =$ _____
13. $m\angle AMB =$ _____
14. $m\angle EMC =$ _____



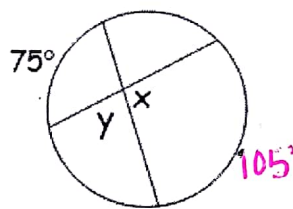
Find the measure of the indicated arc(s) or angle(s).

15.



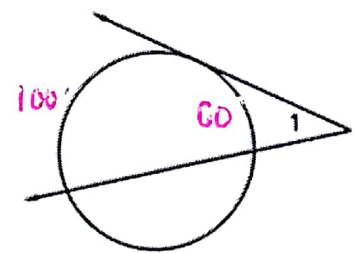
$\widehat{BC} =$ _____

16.



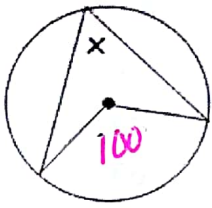
$x =$ _____, $y =$ _____

17.

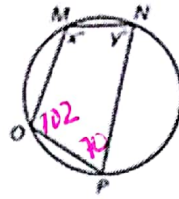


$\angle 1 =$ _____

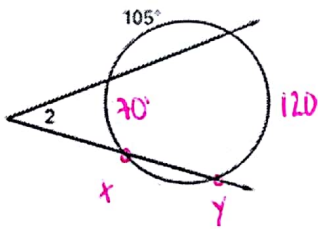
18. What is the value of x ? _____



19. Find angle $x =$ _____ & $y =$ _____.



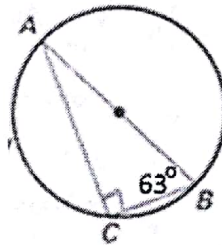
20. Find angles 1 and 2.



$\widehat{xy} =$ _____, $\angle 2 =$ _____

If $m\angle ABC = 63^\circ$, find all three arc measures.

21 $\widehat{AB} =$ _____, 22. $\widehat{BC} =$ _____, 23. $\widehat{AC} =$ _____



24) Determine if \overline{AB} is tangent to radius \overline{BC} .

