

Name _____ Per _____ Date _____
 Geometry Ch. 10 Practice Test

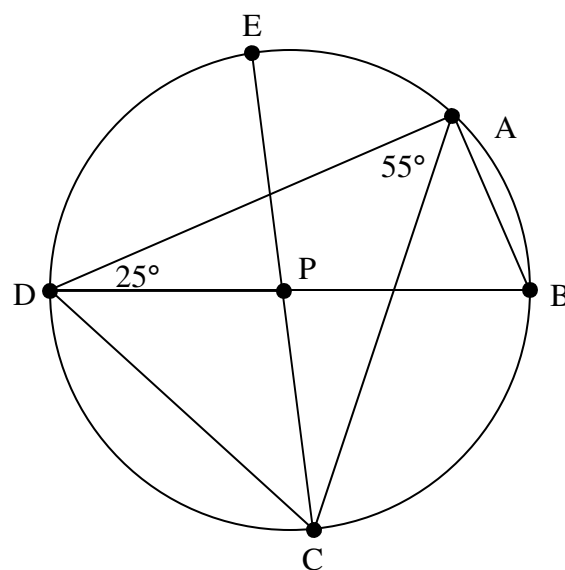
USE CIRCLE P FOR QUESTIONS 1-6.

1. $m\widehat{AD}$ _____ 2. $m\widehat{BC}$ _____

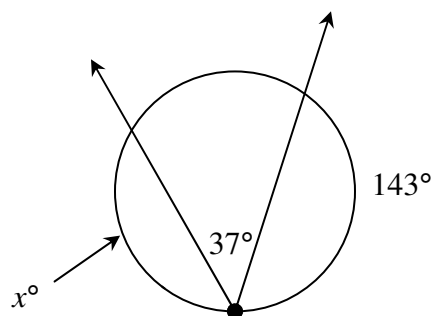
3. $m\widehat{EDB}$ _____ 4. $m\angle DPC$ _____

5. $m\angle BAD$ _____

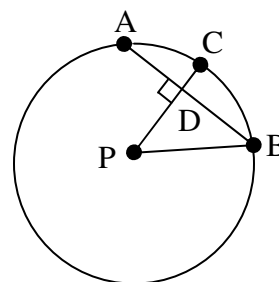
6. If $DP = 4$, find the length of $\widehat{AB}$.



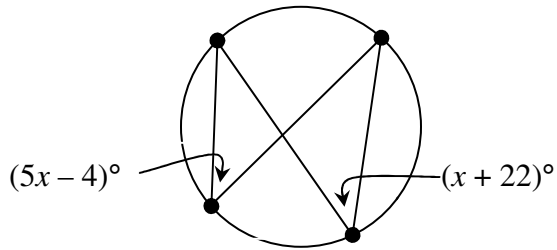
7. Find x .



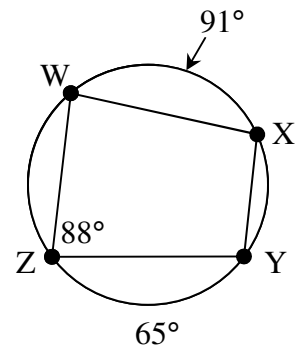
8. Use circle P to find AB.
 if $PB = 7$ and $DC = 2$.
 Round to the nearest tenth.



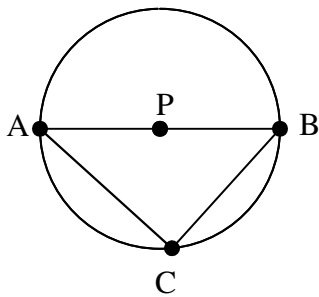
9. Find x .



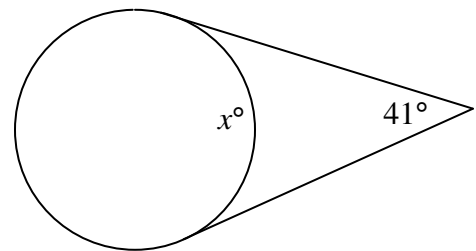
10. Find the measures of all the missing arcs and angles.
Write your answers on the circle.



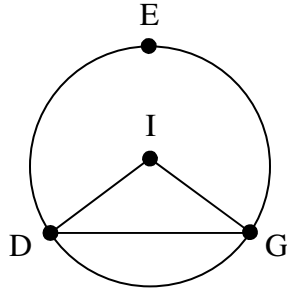
11. In circle P , $AC = 8$ and $BC = 6$.
Find the radius.



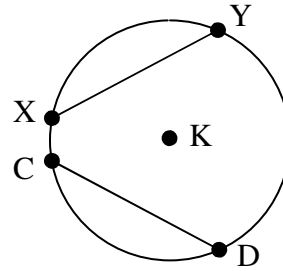
12. Find x .



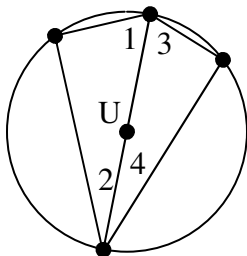
13. In circle I, $m\widehat{DEG} = 260^\circ$
Find $m\angle G$.



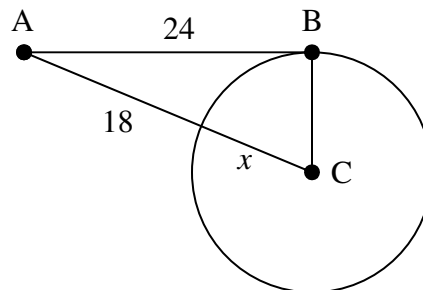
14. In circle K, $\overline{XY} \cong \overline{CD}$,
 $m\widehat{YD} = 150^\circ$, $m\widehat{XC} = 10^\circ$
Find $m\widehat{CD}$.



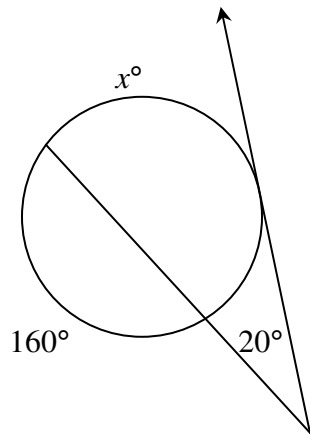
15. Find the measure of each numbered $\angle$ if:
 $m\angle 1 = 5x + 2$, $m\angle 2 = 2x - 3$,
 $m\angle 3 = 7y - 1$, $m\angle 4 = 2y + 10$



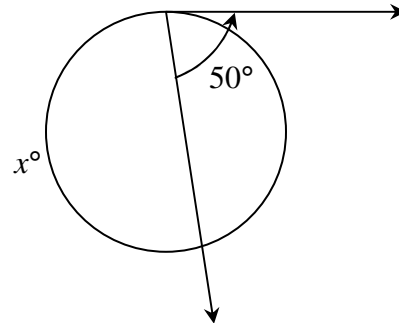
16. Find x . Assume $\overline{AB}$ is tangent



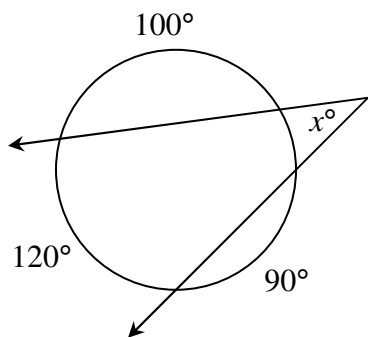
17. Find x .



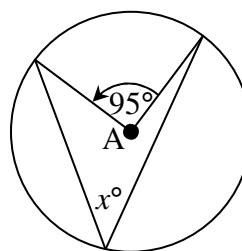
18. Find x .



19. Find x .

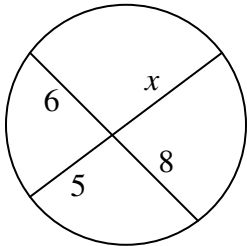


20. Find x .

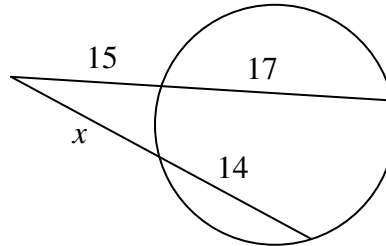


For problems 21-24 round your answer to the nearest tenth.

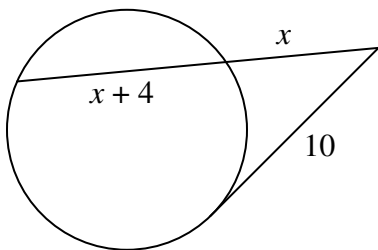
21. Find x .



22. Find x .



23. Find x .



24. Find x .

