**Geometry Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Quiz Review: Circle Vocab and Central/Inscribed Angles** **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Refer to the figure at the right for questions 1-8.**

1. Name three radii of the circle.

2. Name a diameter.

3. Name two chords.

4. Name a segment tangent to .

5. Name a segment that is a secant of and
contains a diameter.

6. Name a point in the interior of the circle.

7. Name three points that lie on the circle.

8. If AP = 4 in., find AB.

**For #9-18, write the measures in the blanks provided.**



\_\_\_\_\_\_\_\_\_\_\_\_ 9.  \_\_\_\_\_\_\_\_\_\_\_\_ 10. 

\_\_\_\_\_\_\_\_\_\_\_\_ 11.  \_\_\_\_\_\_\_\_\_\_\_\_ 12. 

\_\_\_\_\_\_\_\_\_\_\_\_ 13.  \_\_\_\_\_\_\_\_\_\_\_\_ 14. 

\_\_\_\_\_\_\_\_\_\_\_\_ 15.  \_\_\_\_\_\_\_\_\_\_\_\_ 16. 

\_\_\_\_\_\_\_\_\_\_\_\_ 17.  \_\_\_\_\_\_\_\_\_\_\_\_ 18. 

**Find the value of the variables.**



19. 20. 21.

**Find the measure of the arc or angle in , given .**

\_\_\_\_\_\_\_\_\_\_\_\_ 22.  \_\_\_\_\_\_\_\_\_\_\_\_ 23. 

\_\_\_\_\_\_\_\_\_\_\_\_ 24.  \_\_\_\_\_\_\_\_\_\_\_\_ 25. 

\_\_\_\_\_\_\_\_\_\_\_\_ 26.  \_\_\_\_\_\_\_\_\_\_\_\_ 27. 

\_\_\_\_\_\_\_\_\_\_\_\_ 28.  \_\_\_\_\_\_\_\_\_\_\_\_ 29. 

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\_\_\_\_\_\_\_\_\_\_\_\_ 30. Find 

**Find the value of x.**



\_\_\_\_\_\_\_\_\_ 31. \_\_\_\_\_\_\_\_\_ 32. \_\_\_\_\_\_\_\_\_ 33. is a diameter.



**In is a diameter.**

\_\_\_\_\_\_\_\_\_\_\_\_ 34. Name the intercepted arc for.

\_\_\_\_\_\_\_\_\_\_\_\_ 35. If , find.

\_\_\_\_\_\_\_\_\_\_\_\_ 36. Name the intercepted arc for.

\_\_\_\_\_\_\_\_\_\_\_\_ 37. Find .

\_\_\_\_\_\_\_\_\_\_\_\_ 38. If, find .

\_\_\_\_\_\_\_\_\_\_\_\_ 39. Name an inscribed angle.

\_\_\_\_\_\_\_\_\_\_\_\_ 40. If , find.