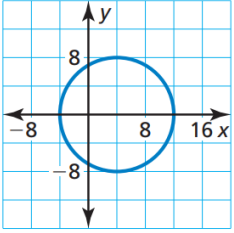


Math 2 Ch 10 Review 1

Name:

Period:

1. Write the equation of the circle in standard form:



2. Write the equation of the circle in standard form with center (3, -2) and a point on the circle (23, 19).

3. Write this equation of a circle in standard form:

$$x^2 + 10x + y^2 - 8y = 11$$

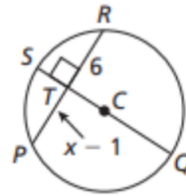
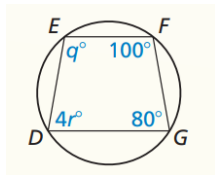
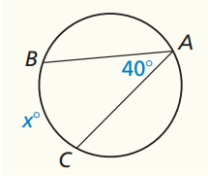
4. Write the equation of the circle in standard form when the center is (1, 2), and a point on the circle is (4, 2).

Find the indicated measure:

5. $x =$ _____

6. $q =$ _____ $r =$ _____

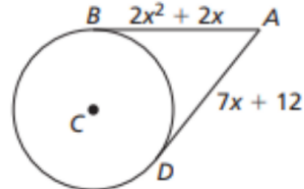
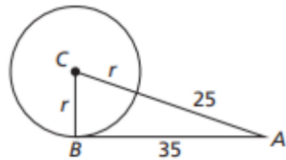
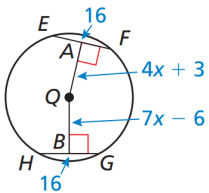
7. $x =$ _____



8. Radius of Circle Q

9. B is a point of tangency, find r

10. B and D are points of tangency, find x



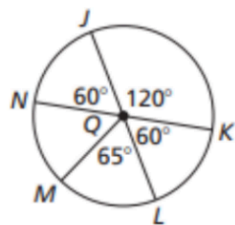
11. Identify the arc as a major arc, minor arc, or semicircle then find the measure of the arc.

\widehat{NM}

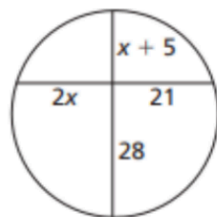
\widehat{JLM}

\widehat{NLK}

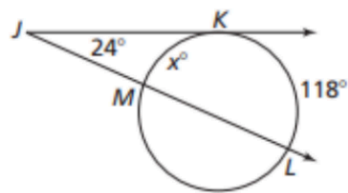
\widehat{LN}



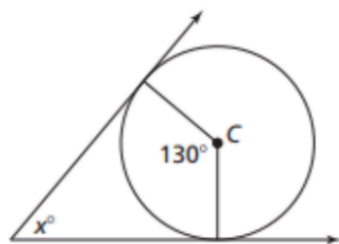
12. $x =$



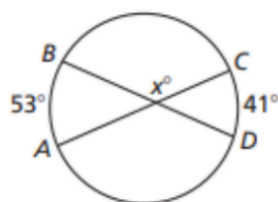
13. $x =$



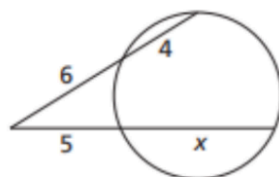
14. $x =$



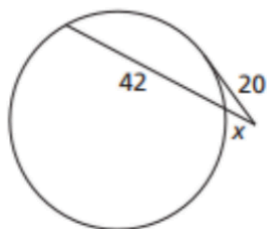
15. $x =$



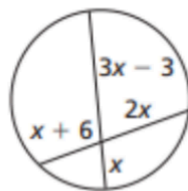
16. $x =$



17. $x =$



18. $x =$



19. $x =$

