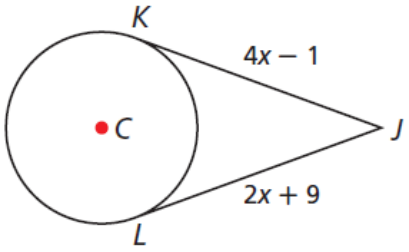
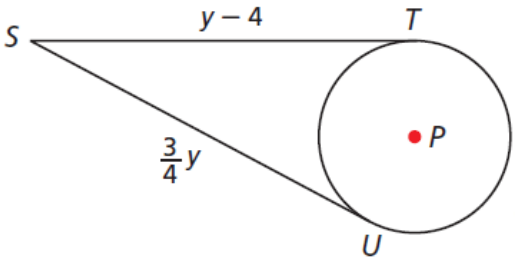
Textbook p797 #9-14, #18-22, 26, 31, 32, 33

The segments in each figure are tangent to the circle. Find each length.

9. *JK*

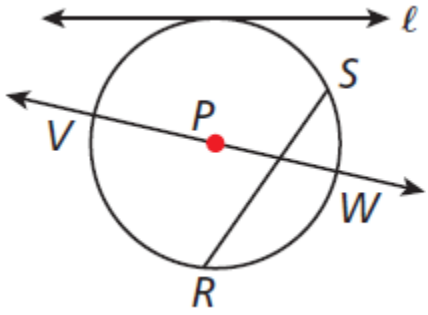


10. *ST*

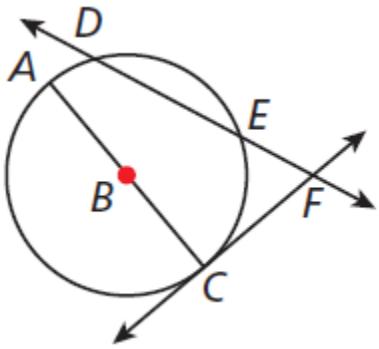


Identify each line or segment that intersects each circle.

11.

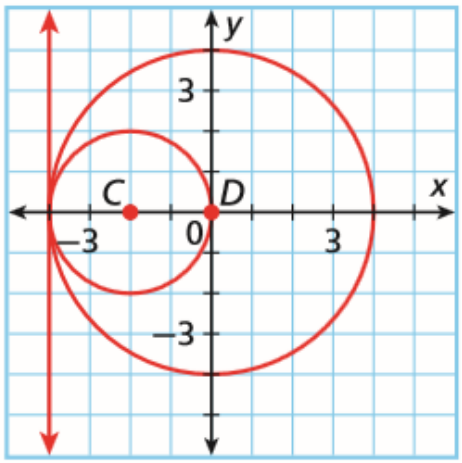


12.

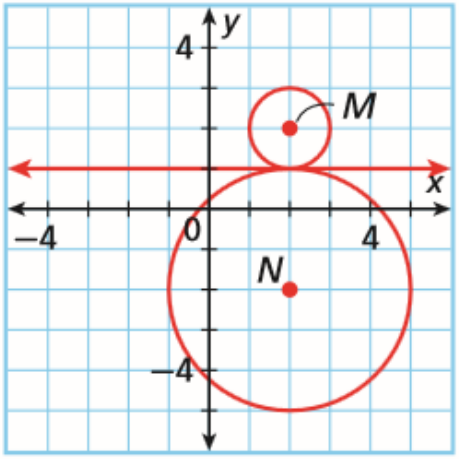


Multi-Step Find the length of each radius. Identify the point of tangency and write the equation of the tangent line at this point.

13.



14.



Tell whether each statement is sometimes, always, or never true.

18. Two circles with the same center are congruent.

19. A tangent to a circle intersects the circle at two points.

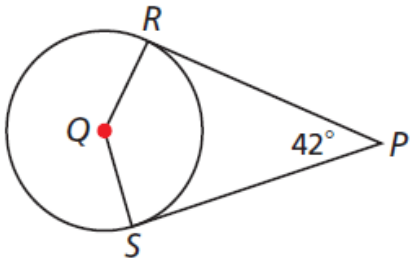
20. Tangent circles have the same center.

21. A tangent to a circle will form a right angle with a radius that is drawn to the point of tangency.

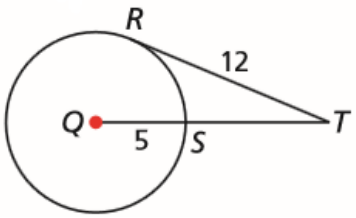
22. A chord of a circle is a diameter.

Algebra **Assume the segments that appear to be tangent are tangent. Find each length.**

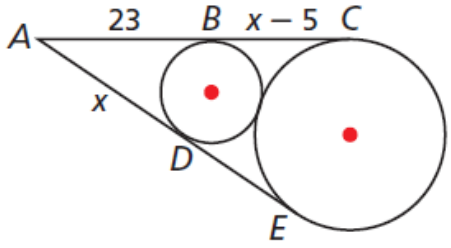
26. $m\angle Q$



31. ST



32. DE



33. JL