

5. 4

6. 86°

7. 2

8. 43°

9. 4

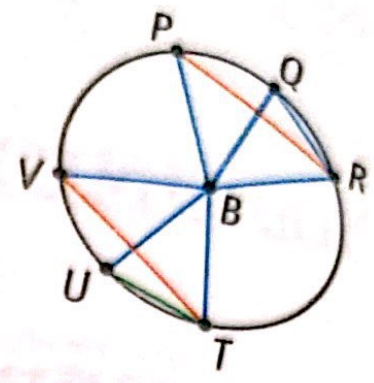
10. 86°

and $\overline{QR} \perp \overline{TV}$.
 18. Find $m\angle PBR$. 90°

19. Find $m\widehat{TV}$. 90°

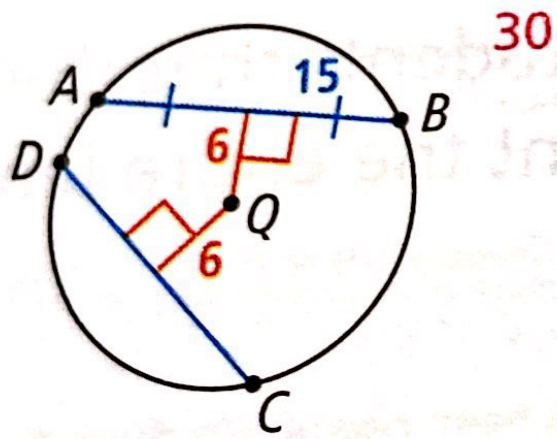
20. Which angle is congruent to $\angle QBR$? $\angle TBU$

21. Which segment is congruent to \overline{TV} ? \overline{PR}

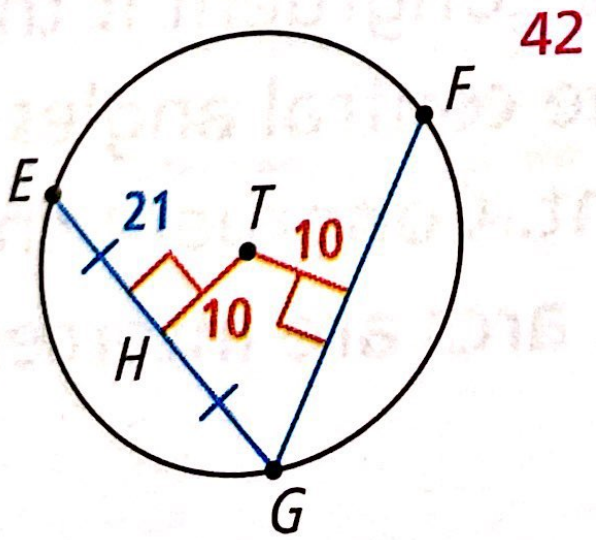


22. Construct a square inscribed in a circle. How is drawing an inscribed square different from drawing an inscribed hexagon or triangle?
 SEE EXAMPLE 3

23. Find CD . SEE EXAMPLE 4



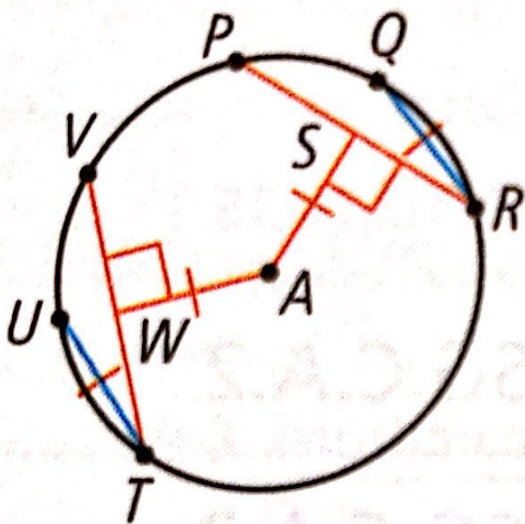
24. Find FG . SEE EXAMPLE 4



26. The diameter of a circle is 39 inches. The circle has two chords of length 8 inches. What is the distance from each chord to the center of the circle? ≈ 19.09 in.

27. A chord is 4 units from the center of a circle. The radius of the circle is 5 units. What is the length of the chord? 6

32. Which must be true? Select all that apply.



A $\widehat{QR} \cong \widehat{TU}$

C $VW = AS$

B $PR = TV$

D $PS = SR$