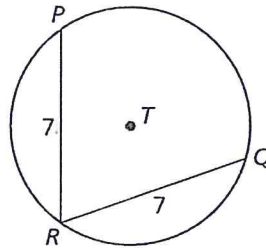


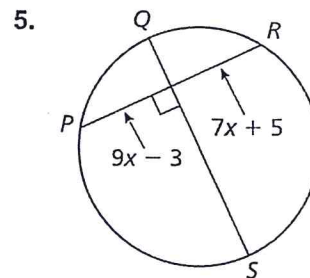
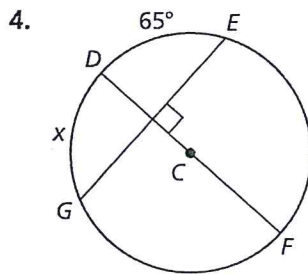
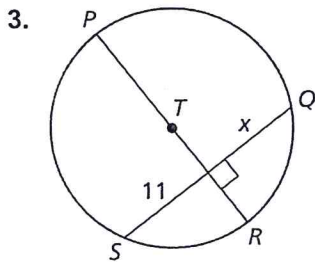
# 10.3 Practice A

In Exercises 1 and 2, use the diagram of  $\odot T$ .

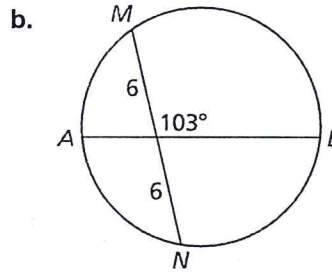
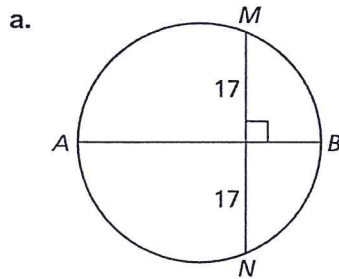


- If  $m\widehat{PQ} = 130^\circ$ , find  $m\widehat{RQ}$ .
- If  $m\widehat{PR} = 100^\circ$ , find  $m\widehat{PQ}$ .

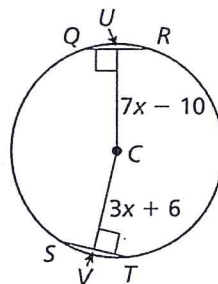
In Exercises 3–5, find the value of  $x$ .



6. Determine whether  $\overline{AB}$  is a diameter of each circle. Explain your reasoning.



In Exercises 7–9, use the diagram to find the given length.



$QR = 12$   
 $QR \cong ST$

- $CU$
- $UR$
- the radius of  $\odot C$

10. In the diagram of  $\odot U$ , which congruence relation is *not* necessarily true?

- A.  $\overline{PQ} \cong \overline{QN}$       B.  $\overline{NL} \cong \overline{LP}$   
 C.  $\widehat{MN} \cong \widehat{MP}$       D.  $\widehat{PN} \cong \widehat{PL}$

