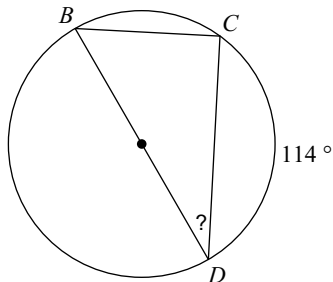


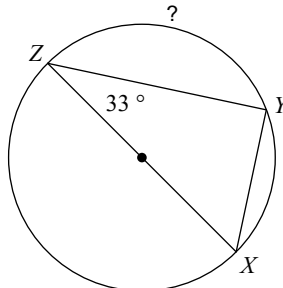
SM2 HW #8-2 (arcs and angles of circles)

Find the measure of the arc or angle indicated.

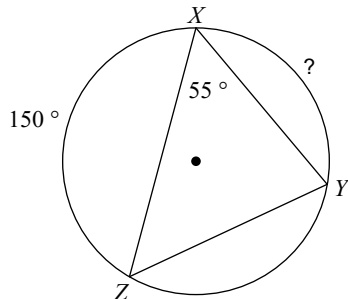
1)



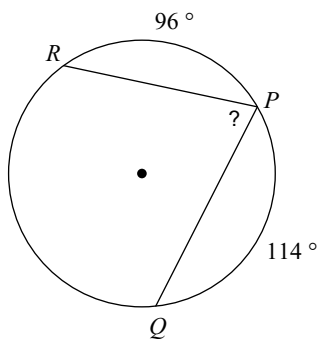
2)



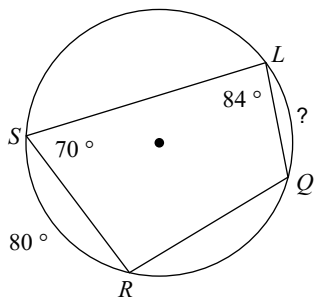
3)



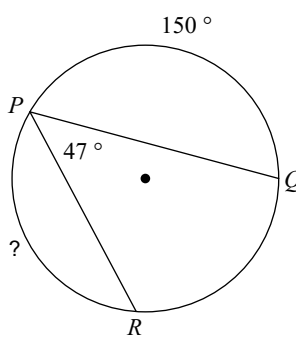
4)



5)

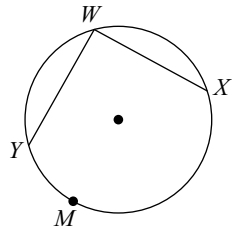


6)

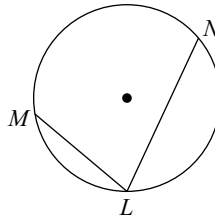


State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.

7)

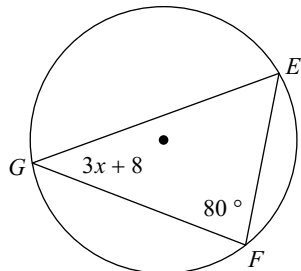


8)

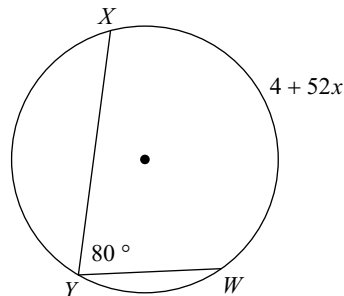


Solve for x.

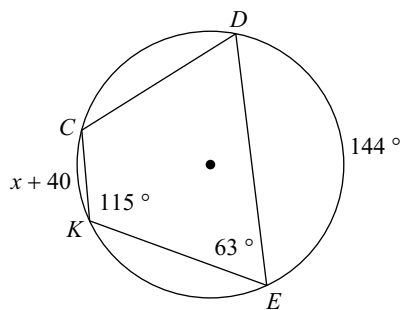
9)



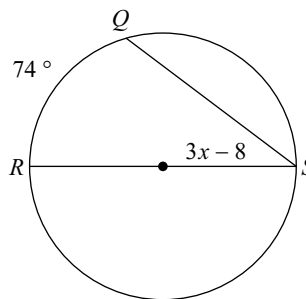
10)



11)

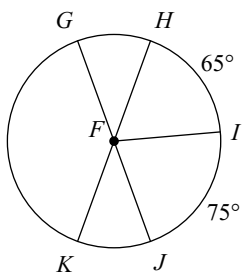


12)

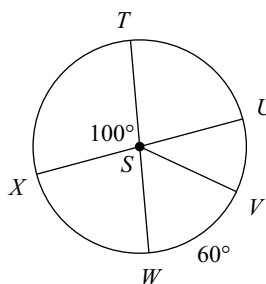


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

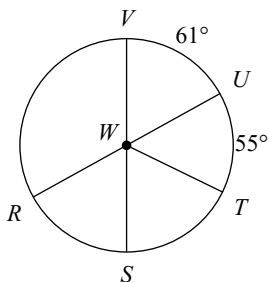
13) $m\angle KFG$



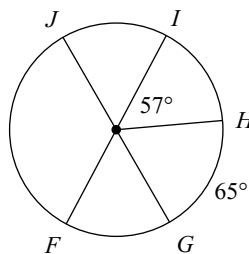
14) $m\angle TSU$



15) $m\angle SWR$



16) $m\widehat{JHF}$



Find each product.

17) $2x(x + 6)$

18) $(7k + 3)^2$

Solve each equation by factoring.

19) $a^2 - 25 = 0$

20) $k^2 - 10k + 21 = 0$