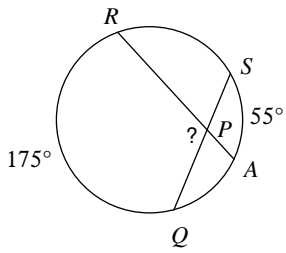


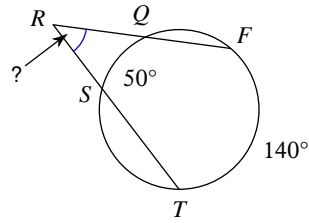
# Secant Angles

**Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**

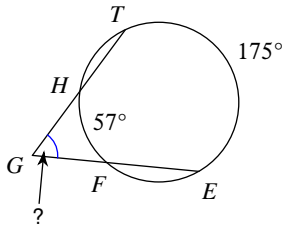
1)



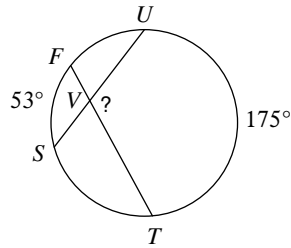
2)



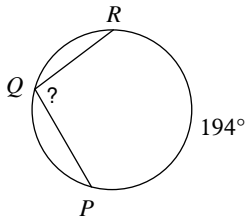
3)



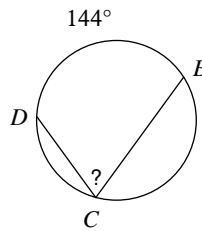
4)



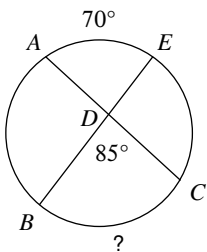
5)



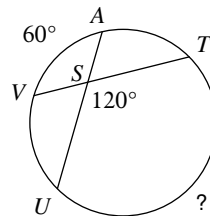
6)



7)

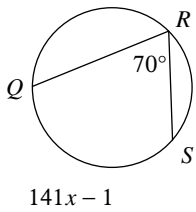


8)

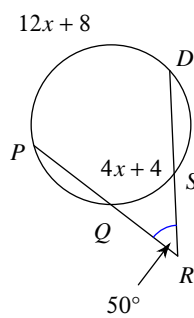


**Solve for x. Assume that lines which appear tangent are tangent.**

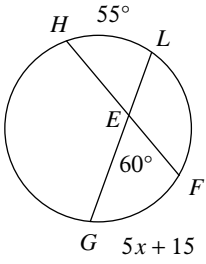
9)



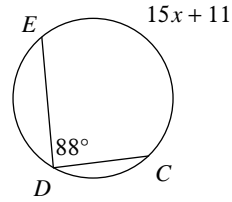
10)



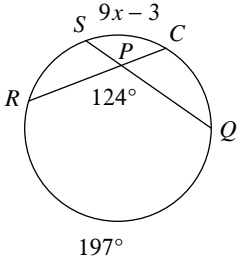
11)



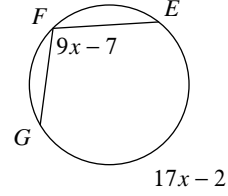
12)



13)

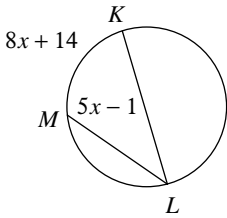


14)

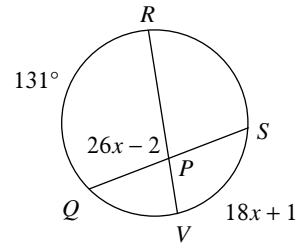


**Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**

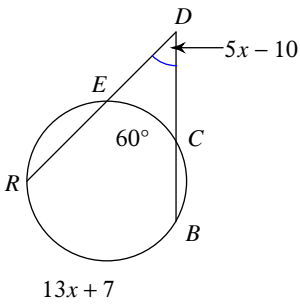
15) Find  $m\widehat{KLM}$



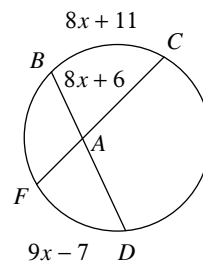
16) Find  $m\angle QPR$



17) Find  $m\widehat{RB}$

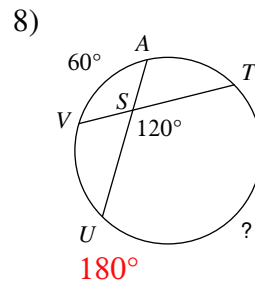
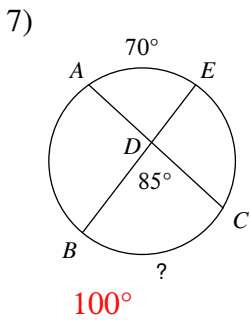
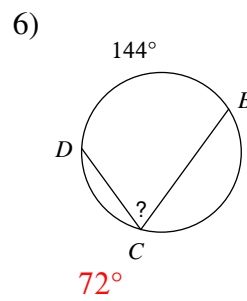
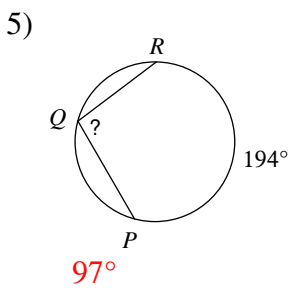
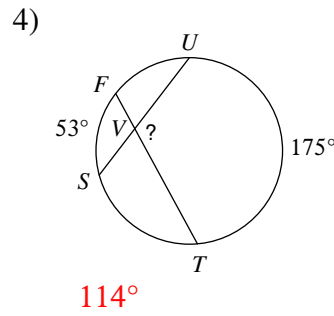
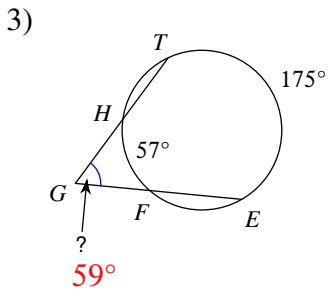
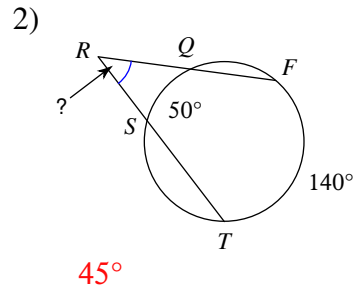
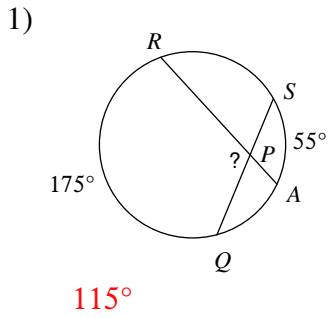


18) Find  $m\widehat{BC}$

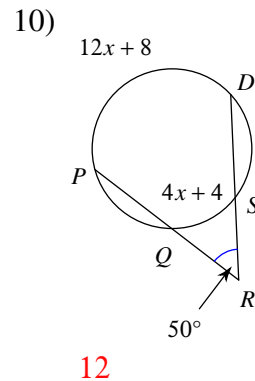
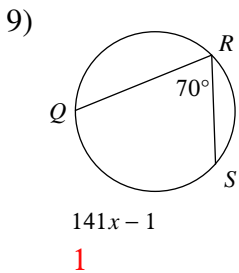


# Secant Angles

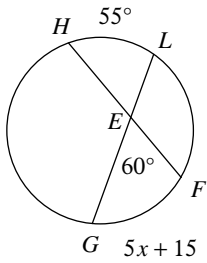
**Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**



**Solve for  $x$ . Assume that lines which appear tangent are tangent.**

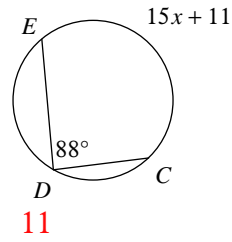


11)



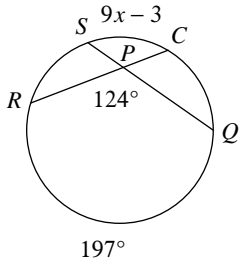
10

12)



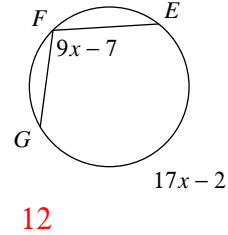
11

13)



6

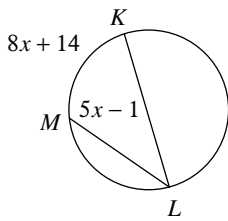
14)



12

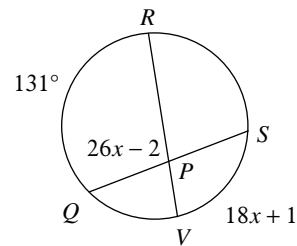
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

15) Find  $m\widehat{KLM}$



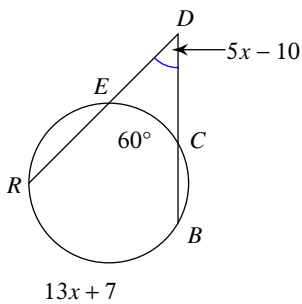
282°

16) Find  $m\angle QPR$



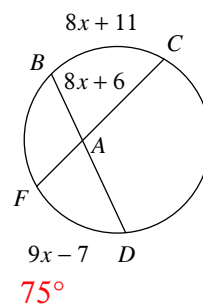
102°

17) Find  $m\widehat{RB}$



150°

18) Find  $m\widehat{BC}$



75°