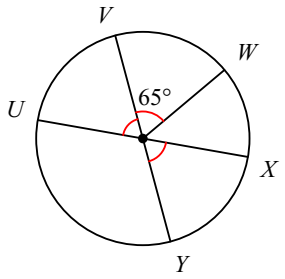
11.2 ~ Central & Inscribed Angles

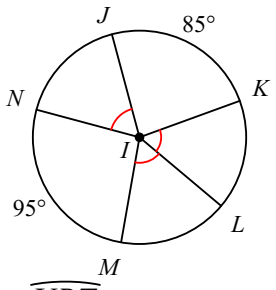
Past due on_____ Period____

Find the measure of the arc or central angle indicated. Pay attention to any markings in the diagram. Assume that lines which appear to be diameters are actual diameters.

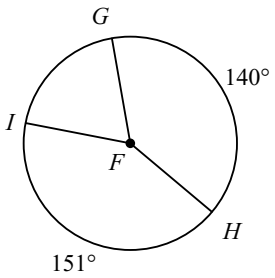
1) $m\overset{\frown}{XYV}$



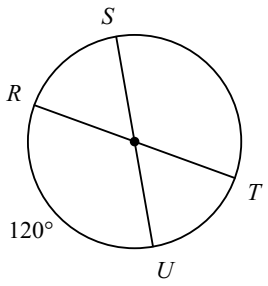
2) $m\angle LIN$



3) $m\angle IFG$

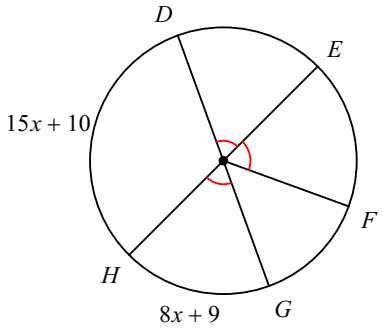


4) $m\overset{\frown}{URT}$

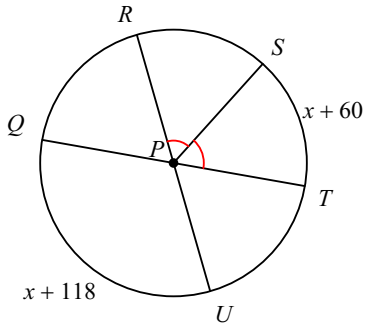


Set up and solve an equation to find the value of x. Then find the measure of the arc or central angle indicated. Pay attention to any markings in the diagram. Assume that lines which appear to be diameters are actual diameters.

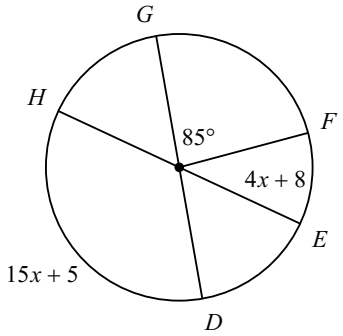
5) $m\overset{\frown}{EF}$



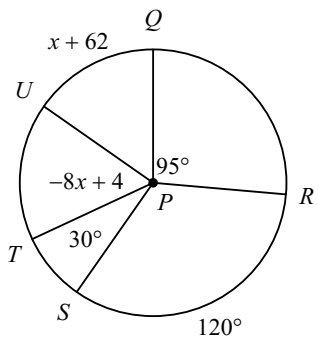
6) $m\angle RPS$



7) $m\overset{\frown}{HF}$

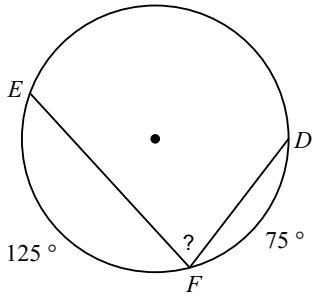


8) $m\angle UPQ$

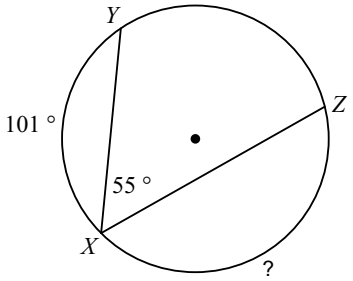


Use the Inscribed Angle Theorem to find the measure of the arc or angle indicated.

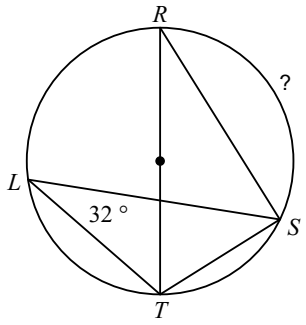
9)



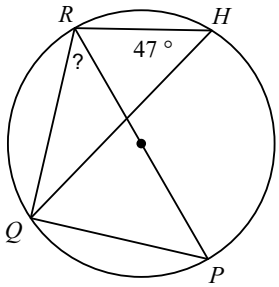
10)



11)

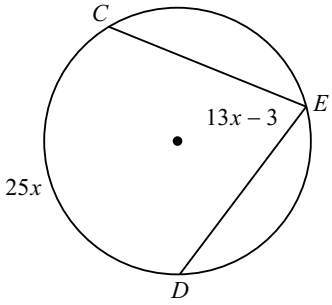


12)

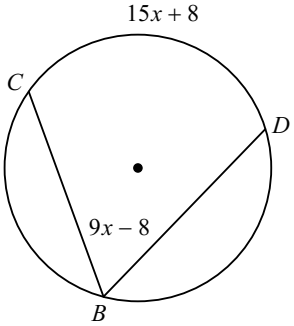


Use the Inscribed Angle Theorem to set up and solve an equation to find the value of *x*. Then find the measure of the arc or angle indicated.

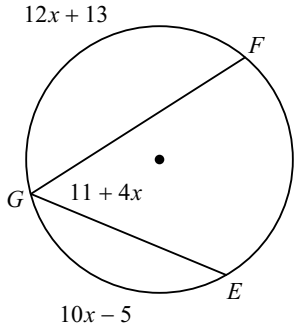
13) Find $m\widehat{DC}$



14) Find $m\angle CBD$



15) Find $m\widehat{GE}$



16) Find $m\angle WRX$