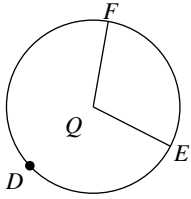


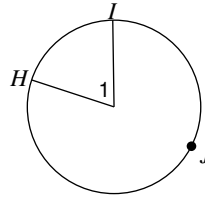
# Arcs and Central Angles

Name the arc made by the given angle.

1)  $\angle FQE$        $\widehat{FE}$

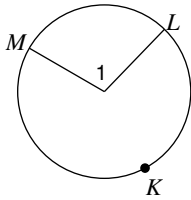


2)  $\angle I$        $\widehat{HI}$

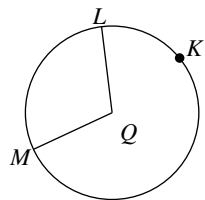


Name the central angle of the given arc.

3)  $\widehat{ML}$        $\angle I$

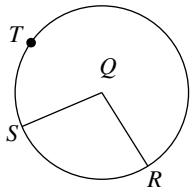


4)  $\widehat{ML}$        $\angle MQL$

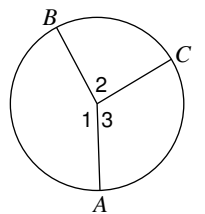


If an angle is given, name the arc it makes. If an arc is given, name its central angle.

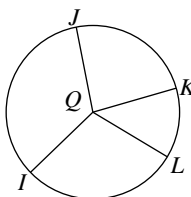
5)  $\widehat{RS}$        $\angle RQS$



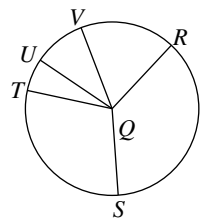
6) Major arc for  $\angle I$        $\widehat{ACB}$



7)  $\angle KQL$        $\widehat{KL}$

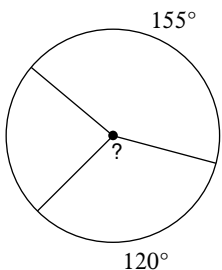


8)  $\widehat{SVT}$        $\angle SQT$

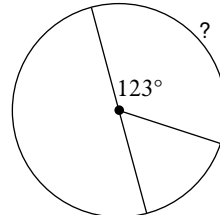


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

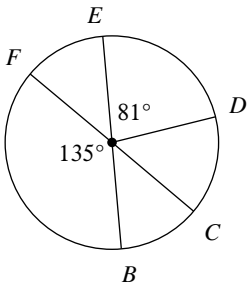
9)       $120^\circ$



10)       $123^\circ$

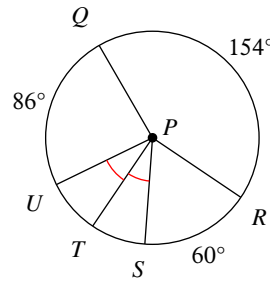


11)  $m\widehat{CFD}$



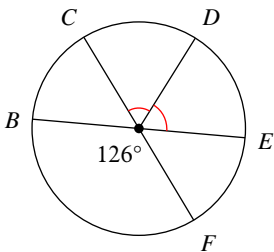
306°

12)  $m\angle SPQ$



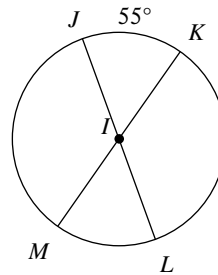
146°

13)  $m\widehat{EFC}$



234°

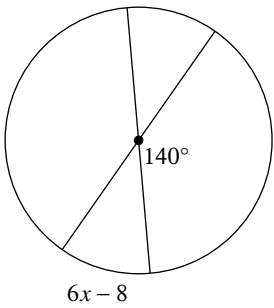
14)  $m\angle MIJ$



125°

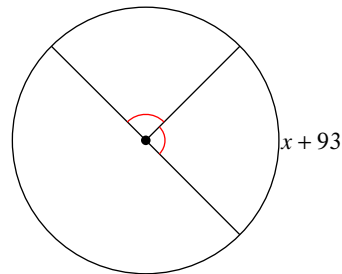
Solve for  $x$ . Assume that lines which appear to be diameters are actual diameters.

15)



8

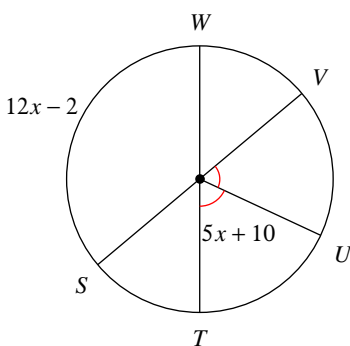
16)



-3

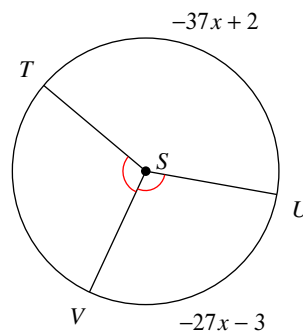
Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

17)  $m\widehat{WV}$



50°

18)  $m\angle VST$



105°