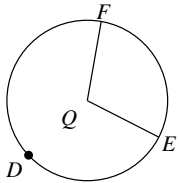


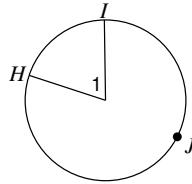
### Arcs and Central Angles

Name the arc made by the given angle.

1)  $\angle FQE$

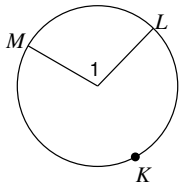


2)  $\angle I$

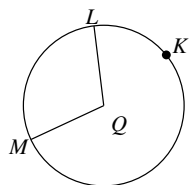


Name the central angle of the given arc.

3)  $\widehat{ML}$

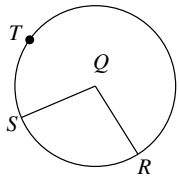


4)  $\widehat{ML}$

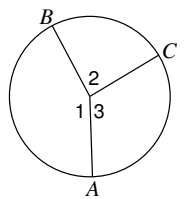


If an angle is given, name the arc it makes. If an arc is given, name its central angle.

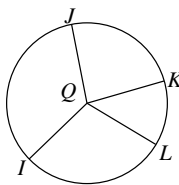
5)  $\widehat{RS}$



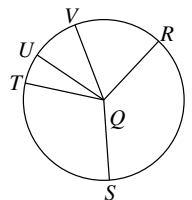
6) Major arc for  $\angle I$



7)  $\angle KQL$

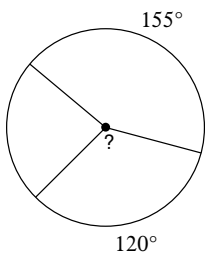


8)  $\widehat{SVT}$

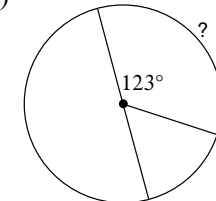


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

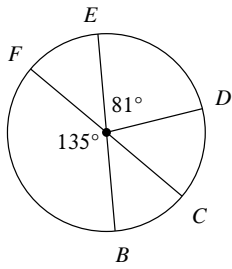
9)



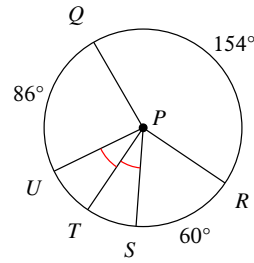
10)



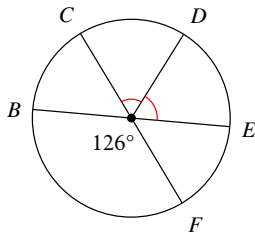
11)  $m\widehat{CFD}$



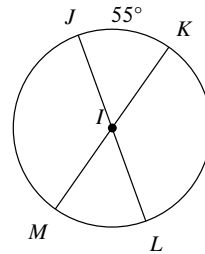
12)  $m\angle SPQ$



13)  $m\widehat{EFC}$

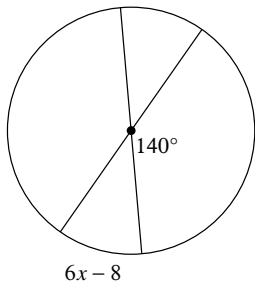


14)  $m\angle MIJ$

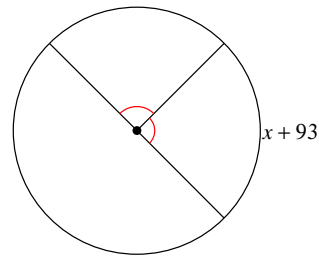


Solve for  $x$ . Assume that lines which appear to be diameters are actual diameters.

15)

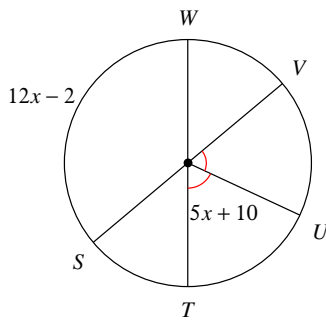


16)

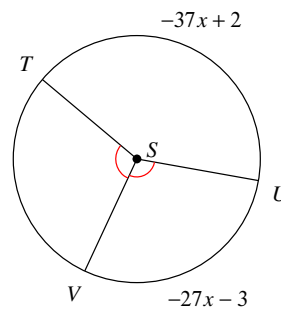


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

17)  $m\widehat{WV}$



18)  $m\angle VST$



In exercises 19-26, identify the given arc as a major arc, minor arc or semicircle. Then find the measure of the arc.

19.  $\widehat{BC}$

24.  $\widehat{ABC}$

20.  $\widehat{DC}$

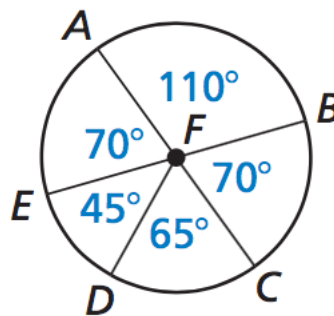
25.  $\widehat{BAC}$

21.  $\widehat{ED}$

26.  $\widehat{EBD}$

22.  $\widehat{AE}$

23.  $\widehat{EAB}$



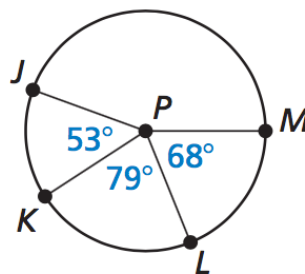
In Exercise 27 and 28, find the measure of each arc.

27. a.  $\widehat{JL}$

b.  $\widehat{KM}$

c.  $\widehat{JLM}$

d.  $\widehat{JM}$



28. a.  $\widehat{RS}$

b.  $\widehat{QRS}$

c.  $\widehat{QST}$

d.  $\widehat{QT}$

