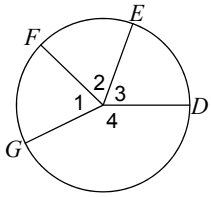
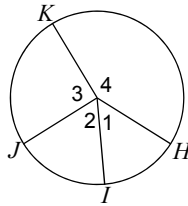


Name the arc made by the given angle.

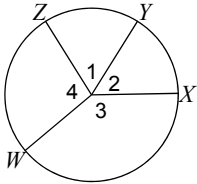
1) Major arc for $\angle 4$



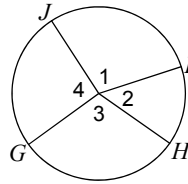
2) Major arc for $\angle 3$



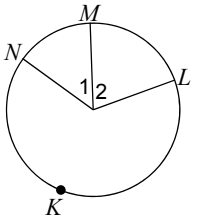
3) $\angle 1$



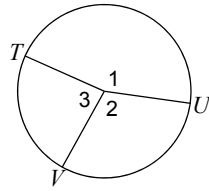
4) $\angle 3$



5) $\angle 2$

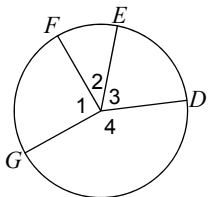


6) $\angle 1$

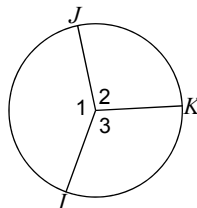


Name the central angle of the given arc.

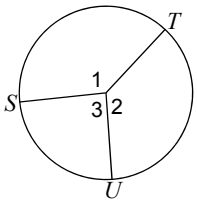
7) \widehat{ED}



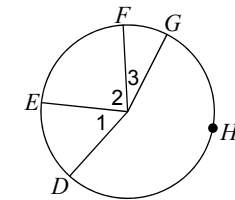
8) \widehat{JK}



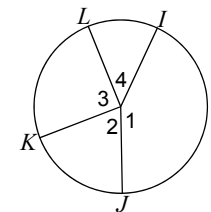
9) \widehat{TU}



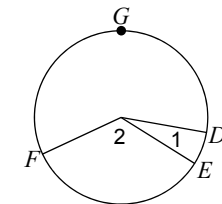
10) \widehat{FDG}



11) \widehat{IKJ}

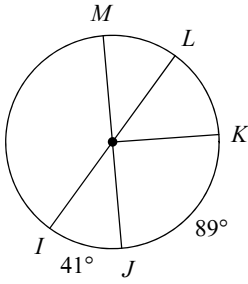


12) \widehat{DE}

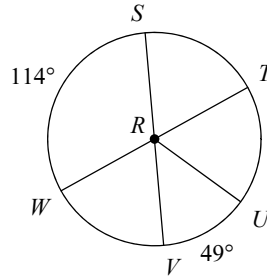


diameters are actual diameters.

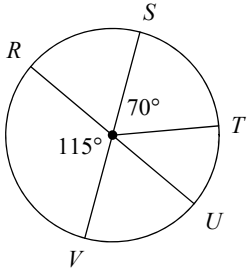
13) $m\widehat{LK}$



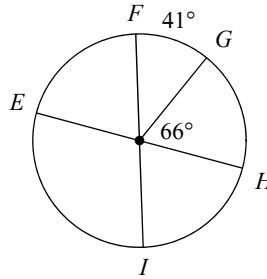
14) $m\angle SRT$



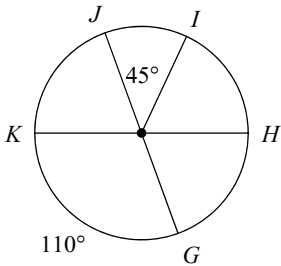
15) $m\widehat{TUR}$



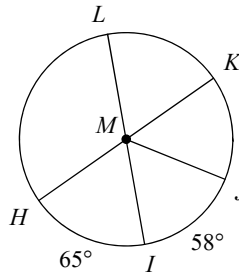
16) $m\widehat{EG}$



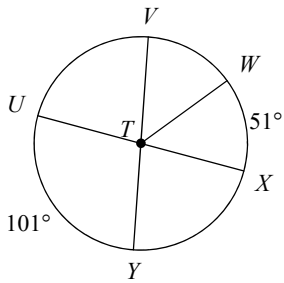
17) $m\widehat{KIG}$



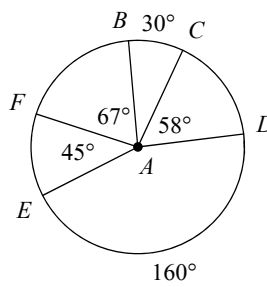
18) $m\angle KMI$



19) $m\angle UTW$

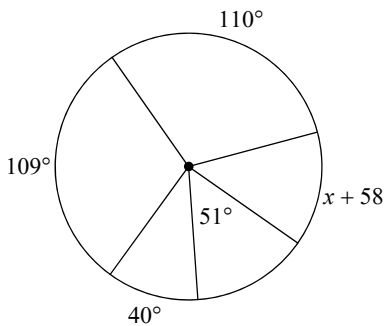


20) $m\angle FAD$

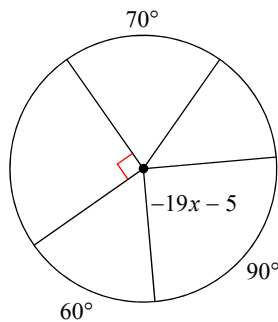


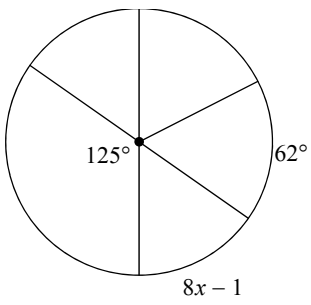
Solve for x . Assume that lines which appear to be diameters are actual diameters.

21)

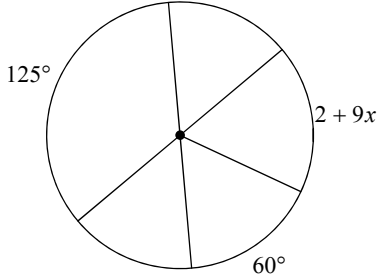


22)

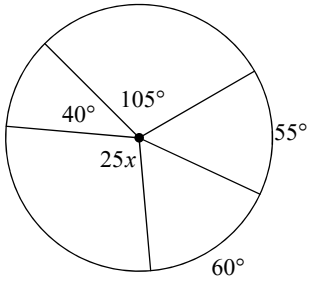




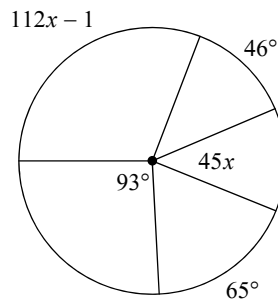
25)



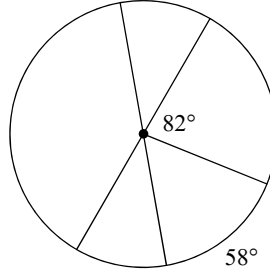
27)



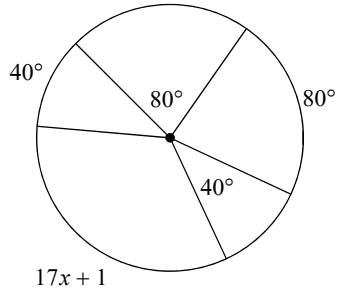
26)



$-9x - 5$

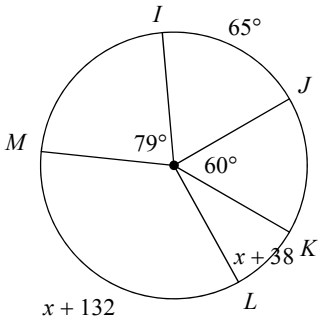


28)

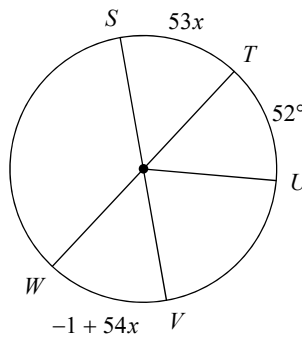


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

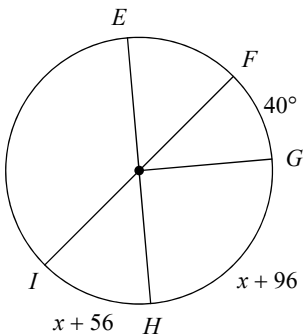
29) $m\widehat{LM}$



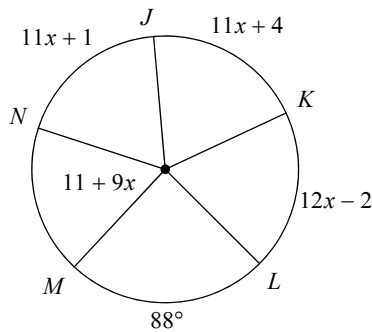
30) $m\widehat{ST}$

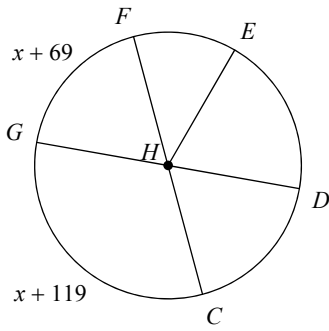


31) $m\widehat{GH}$

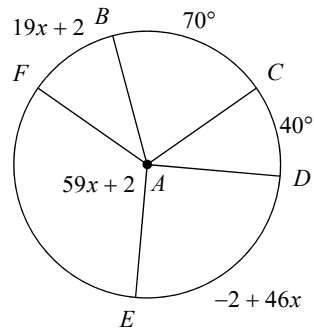


32) $m\widehat{KL}$

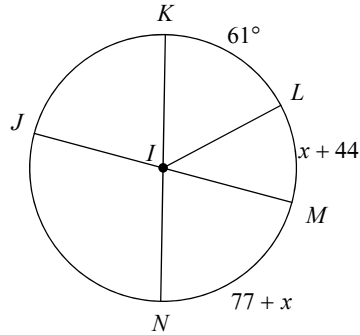
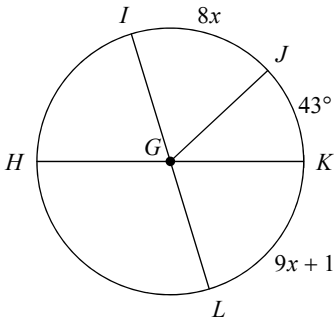




35) $m\angle IGK$

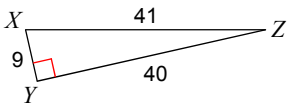


36) $m\angle LIM$

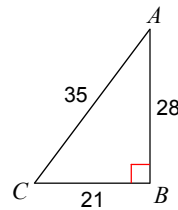


Find the value of each trigonometric ratio to the nearest ten-thousandth.

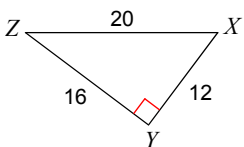
37) $\tan X$



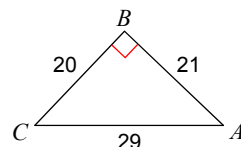
38) $\tan C$



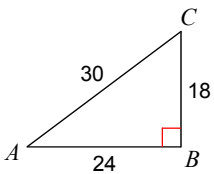
39) $\sin Z$



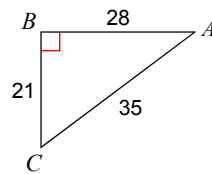
40) $\tan C$



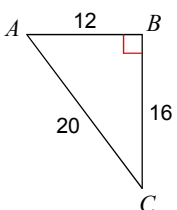
41) $\tan C$



42) $\tan A$



43) $\sin A$



44) $\tan C$

