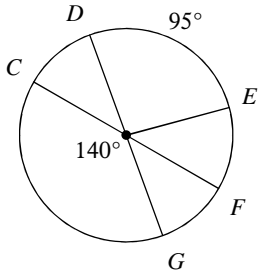
0520 Geometry Name_____

Circles #2: Measure of arcs and central angles

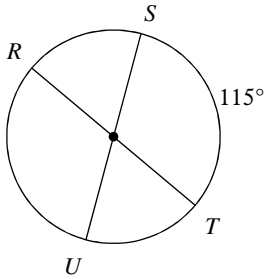
Date_____ Period____ _____

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

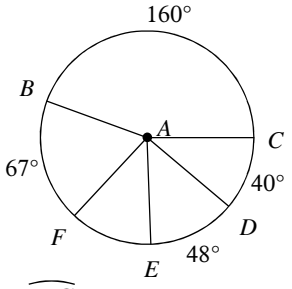
1) $m\widehat{FCE}$



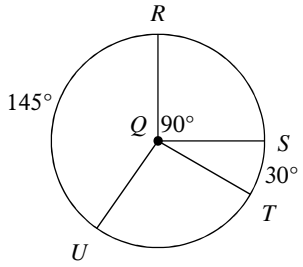
2) $m\widehat{TU}$



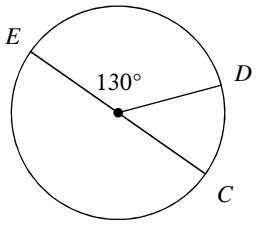
3) $m\angle DAF$



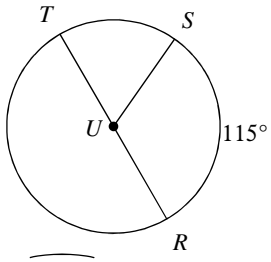
4) $m\angle SQU$



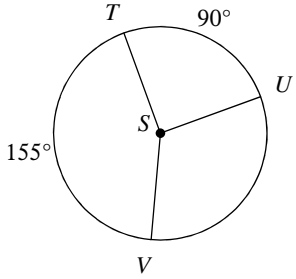
5) $m\widehat{DC}$



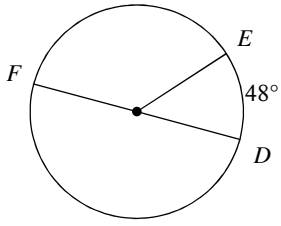
6) $m\angle TUS$



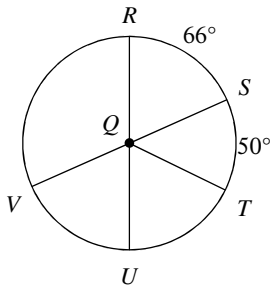
7) $m\angle USV$



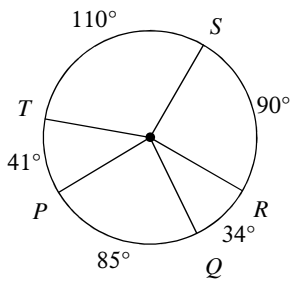
8) $m\widehat{EDF}$



9) $m\angle RQT$

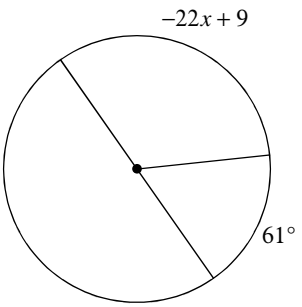


10) $m\widehat{RT}$

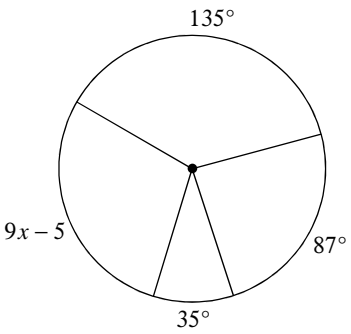


Solve for x. Assume that lines which appear to be diameters are actual diameters.

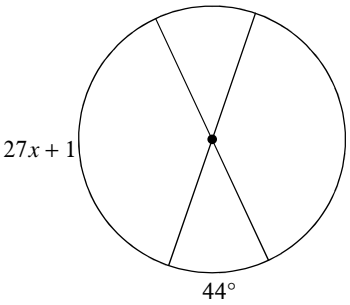
11)



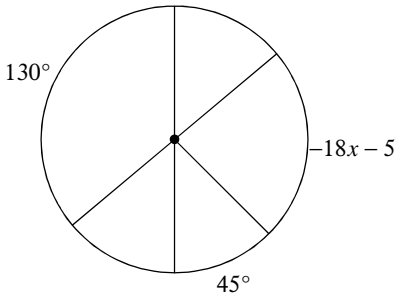
12)



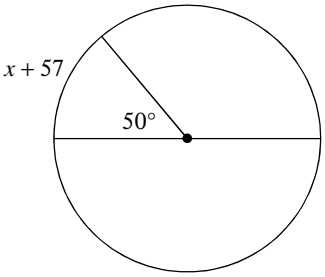
13)



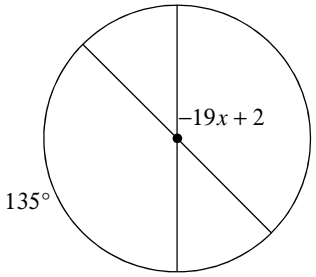
14)



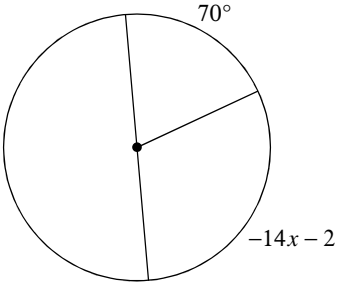
15)



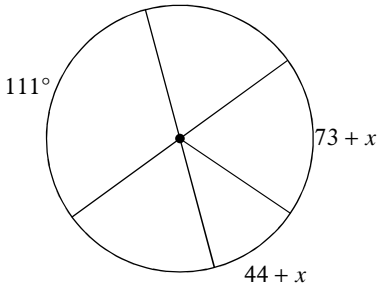
16)



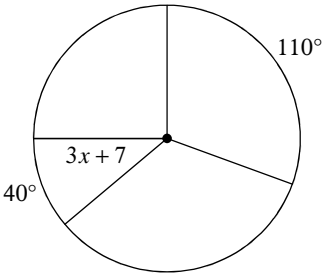
17)



18)



19)



20)