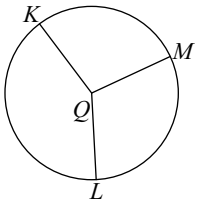
GSE Geometry Name_____

4.1 - Central Angles Practice

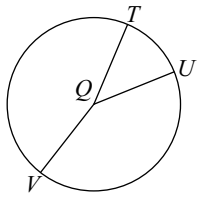
Date_____

Name the arc made by the given angle.

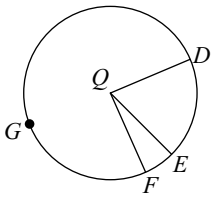
1) Major arc for $\angle LQK$



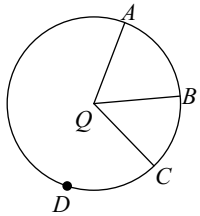
2) $\angle UQV$



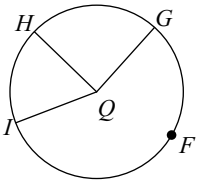
3) Major arc for $\angle DQF$



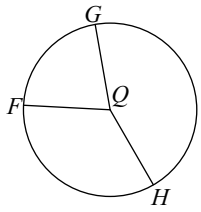
4) $\angle AQC$



5) $\angle HQG$

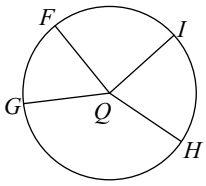


6) Major arc for $\angle FQG$

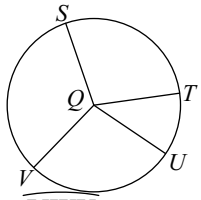


Name the central angle of the given arc.

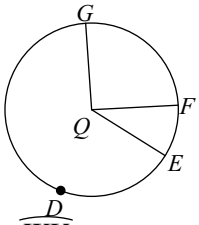
7) $\overset{\frown}{HGF}$



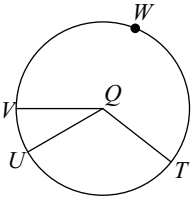
8) $\overset{\frown}{TSV}$



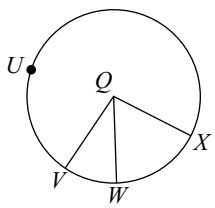
9) $\overset{\frown}{GEF}$



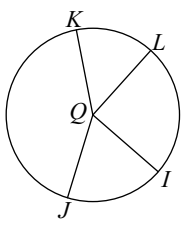
10) $\overset{\frown}{UWV}$



11) $\overset{\frown}{WV}$

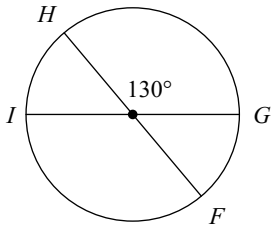


12) $\overset{\frown}{IL}$

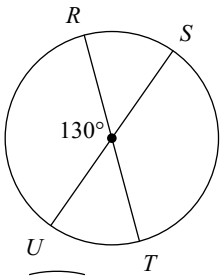


Find the measure of the arc indicated. Assume that lines which appear to be diameters are actual diameters.

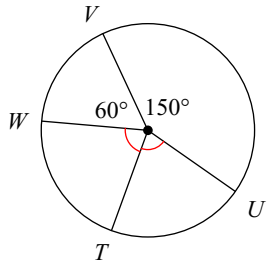
13) $m\widehat{IH}$



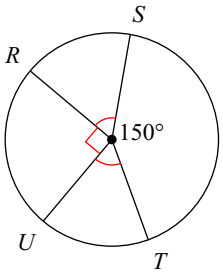
14) $m\widehat{RSU}$



15) $m\widehat{TV}$

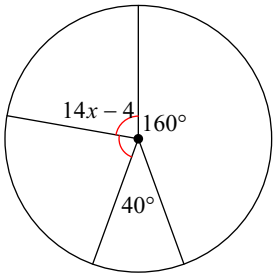


16) $m\widehat{STR}$

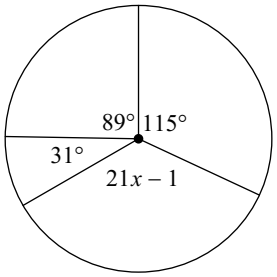


Solve for *x*. Assume that lines which appear to be diameters are actual diameters.

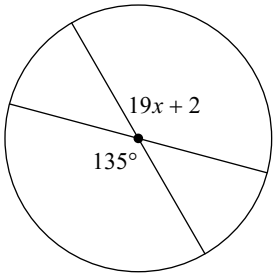
17)



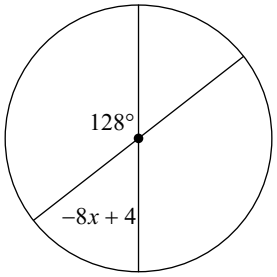
18)



19)

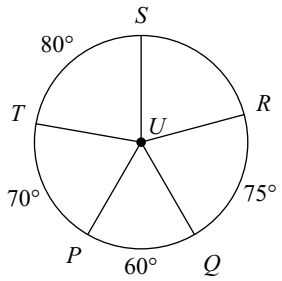


20)



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

21) $m\angle RUP$



22) $m\angle UVS$