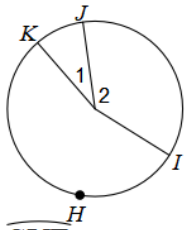
Geometry Name_____

Central Angles And Arcs

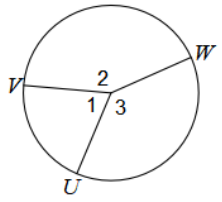
Date_____ Period____

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

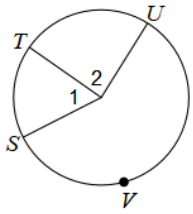
1) $\overset{\frown}{JI}$



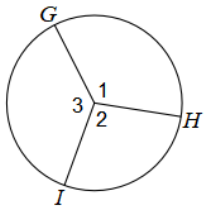
2) Major arc for $\angle 2$



3) $\overset{\frown}{SUT}$

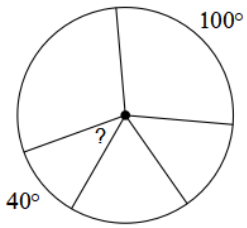


4) $\angle 3$

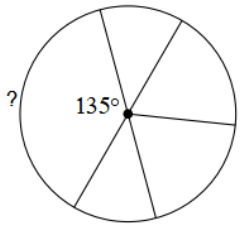


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

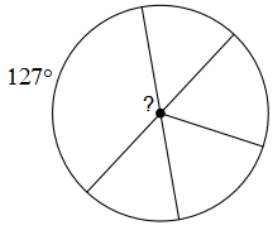
5)



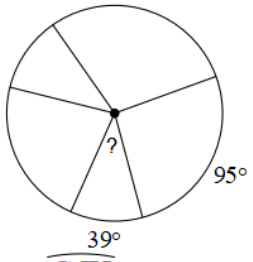
6)



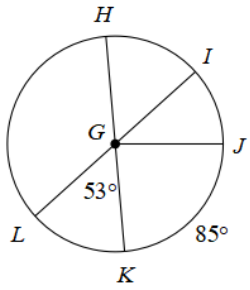
7)



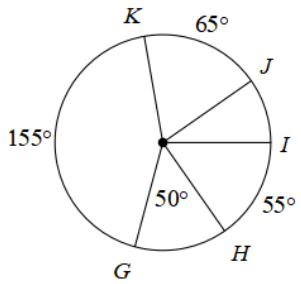
8)



9) $m\angle IGJ$



10) $m\overset{\frown}{GJH}$



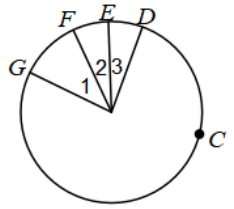
Geometry Name_____

Central Angles and Arc Measures

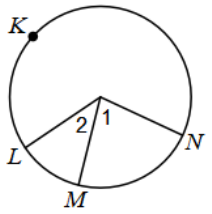
Date_____ Period____

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

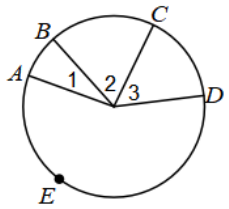
11) $\overset{\frown}{FE}$



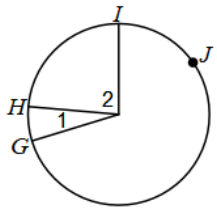
12) $\overset{\frown}{NLM}$



13) $\angle 2$

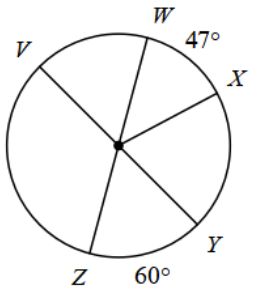


14) Major arc for $\angle 2$

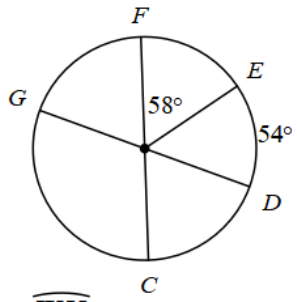


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

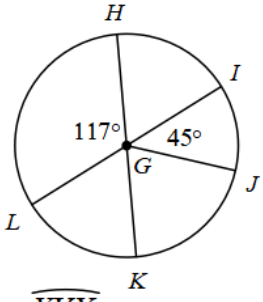
15) $m\overset{\frown}{XZ}$



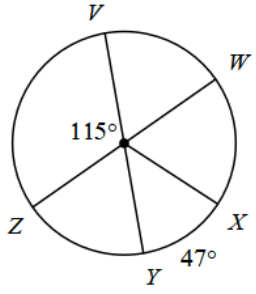
16) $m\overset{\frown}{EDG}$



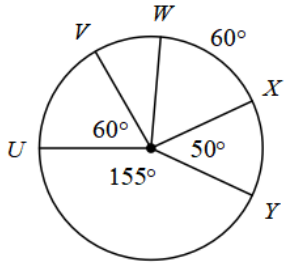
17) $m\angle IGK$



18) $m\overset{\frown}{WX}$



19) $m\overset{\frown}{YVX}$



20) $m\angle IGK$