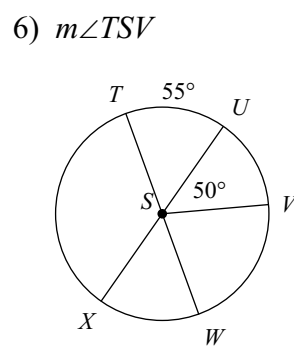
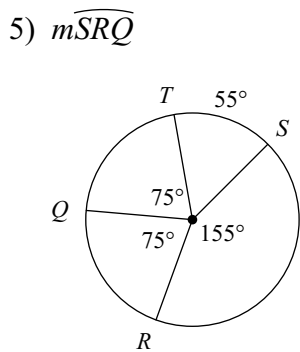
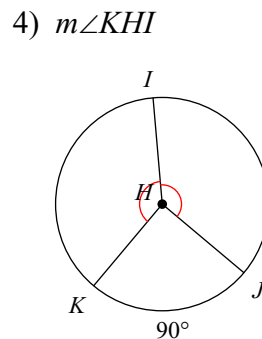
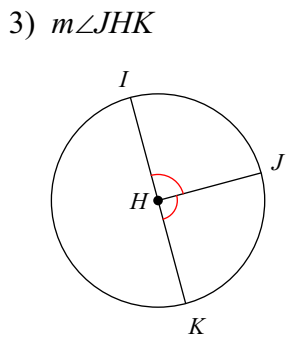
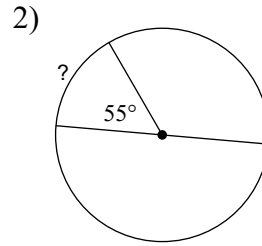
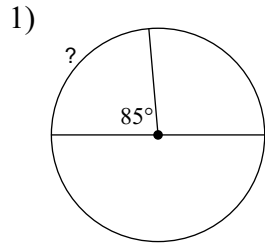
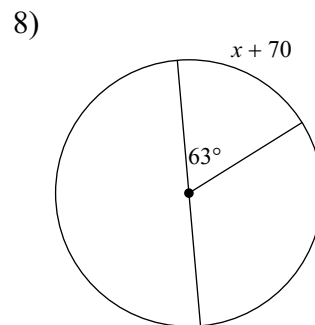
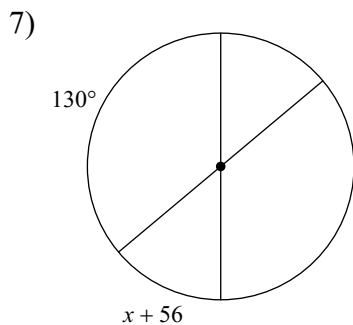


# 4.1 Central Angles

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

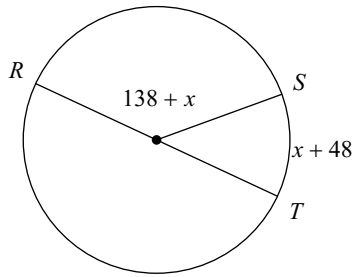


Solve for  $x$ . Assume that lines which appear to be diameters are actual diameters.

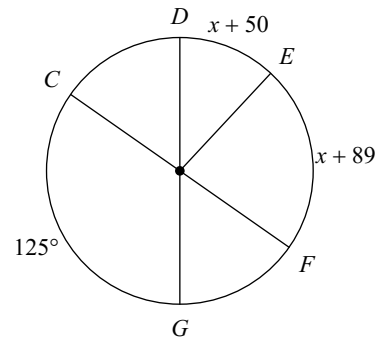


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

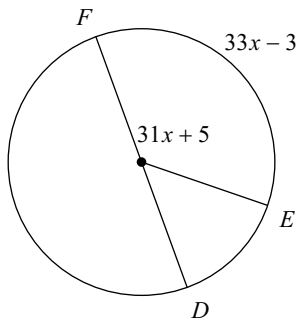
9)  $m\widehat{TRS}$



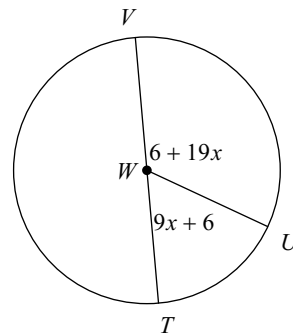
10)  $m\widehat{DE}$



11)  $m\widehat{FE}$

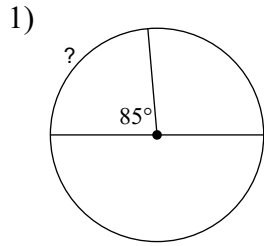


12)  $m\angle UWT$

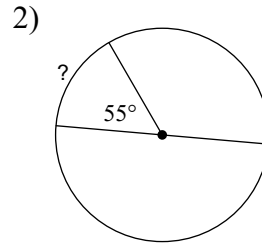


# 4.1 Central Angles

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

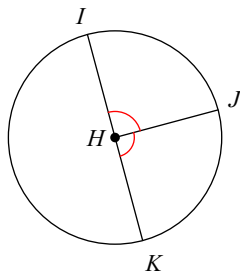


85°



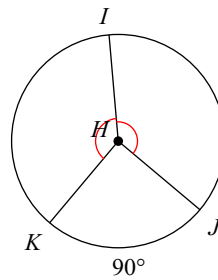
55°

3)  $m\angle JHK$



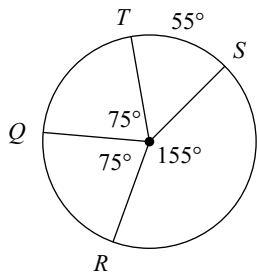
90°

4)  $m\angle KHI$



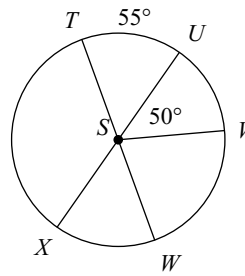
135°

5)  $m\widehat{SRQ}$



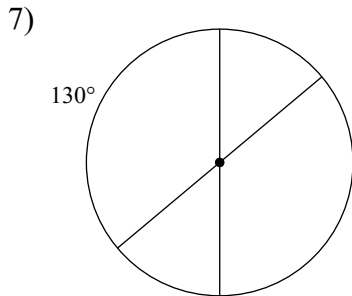
230°

6)  $m\angle TSV$

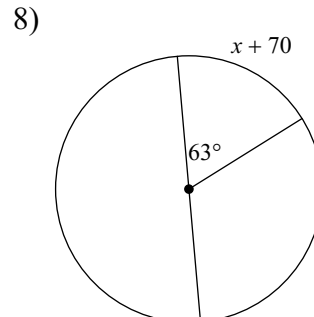


105°

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



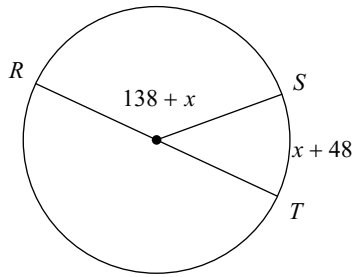
-6



-7

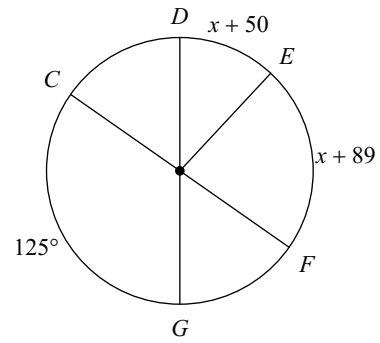
Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

9)  $m\widehat{TRS}$



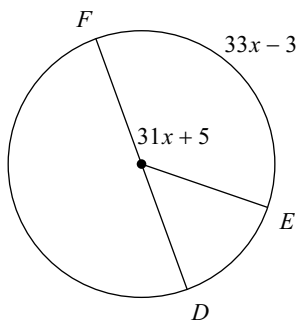
$315^\circ$

10)  $m\widehat{DE}$



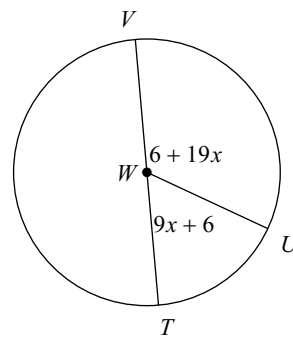
$43^\circ$

11)  $m\widehat{FE}$



$129^\circ$

12)  $m\angle UWT$



$60^\circ$