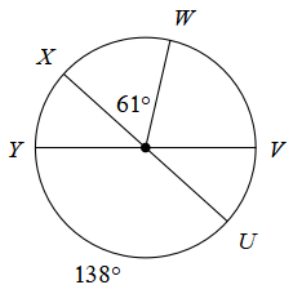


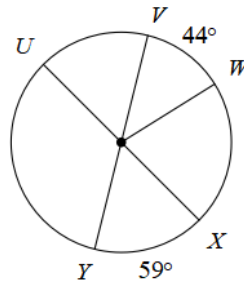
Circles Properties Review

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

1)  $m\widehat{WV}$

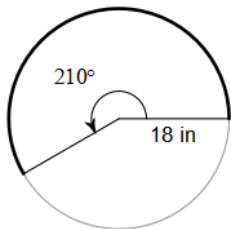


2)  $m\widehat{XYV}$



Find the length of each arc.

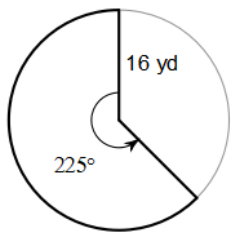
3)



3b) The arc length of a circle is  $24\pi$  in. The central angle that formed the arc is  $270^\circ$ . What is the length of the radius?

Find the area of each sector.

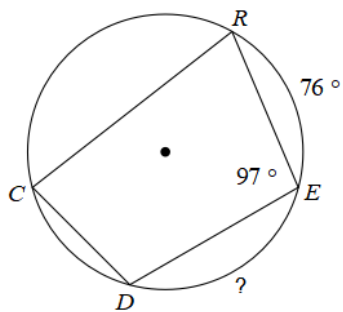
4)



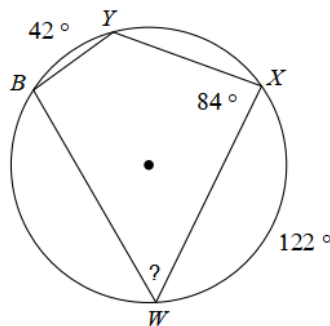
4b) The sector area of a circle is  $16\pi$  in. The central angle that formed the arc is  $90^\circ$ . What is the length of the radius?

Find the measure of the arc or angle indicated.

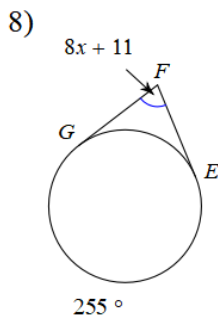
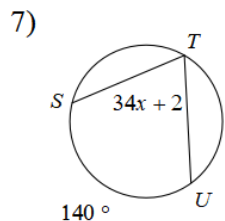
5)



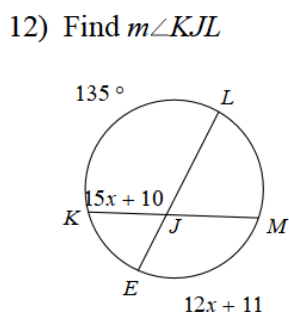
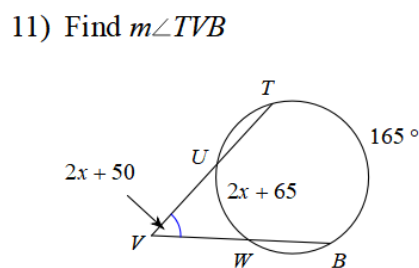
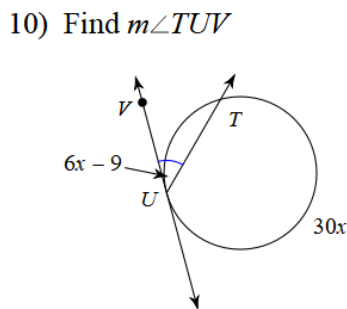
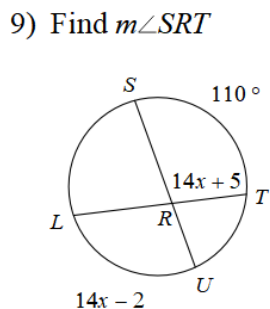
6)



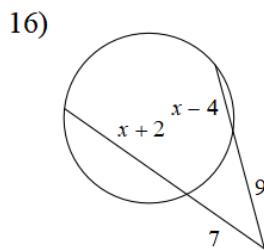
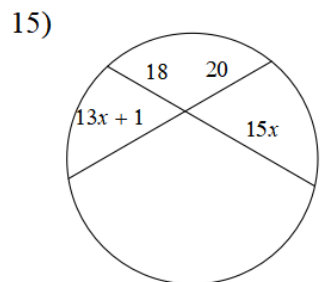
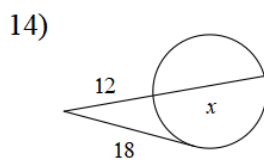
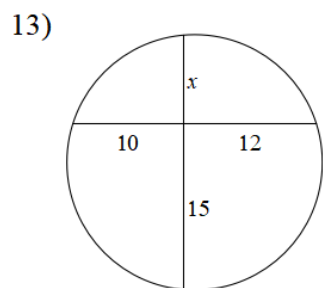
Solve for  $x$ . Assume that lines which appear tangent are tangent.



Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.



Solve for  $x$ . Assume that lines which appear tangent are tangent.



REMEMBER to review the three constructions!!!!!!