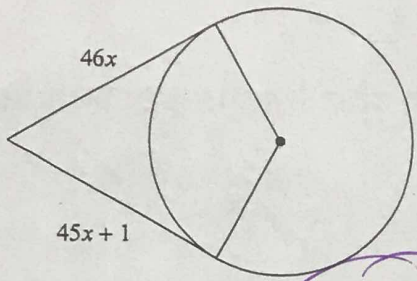


Day 3 Tangents in Circles, etc.

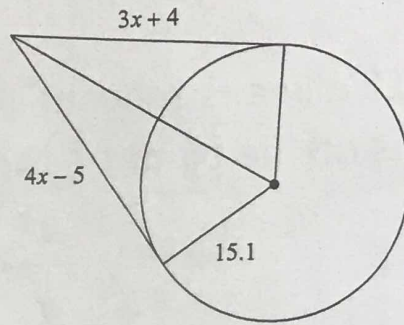
Solve for x . Assume that lines which appear to be tangent are tangent.

1)



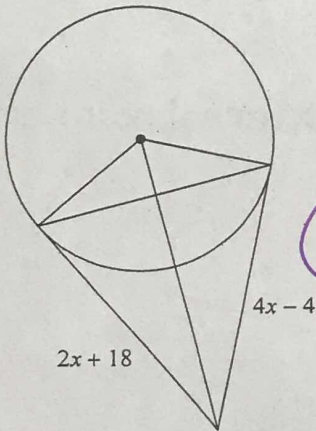
$x = 1$

2)



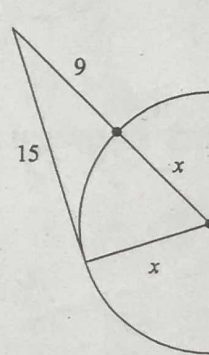
$x = 9$

3)



$x = 11$

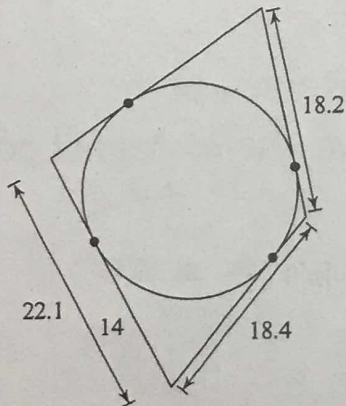
4)



$x = 8$

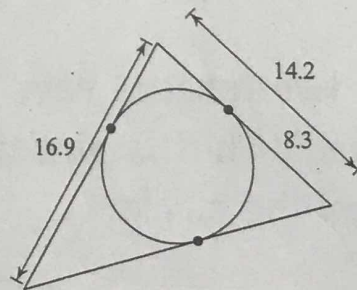
Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.

5)



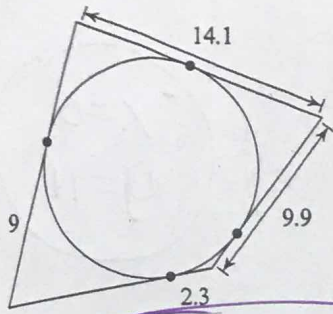
$P = 80.6$ units

6)



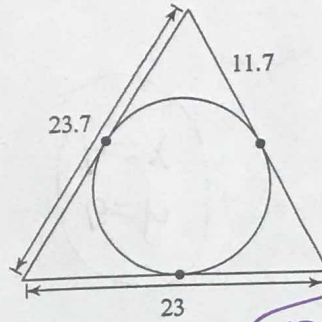
$P = 50.4$ units

7)



$P = 50.8$ units

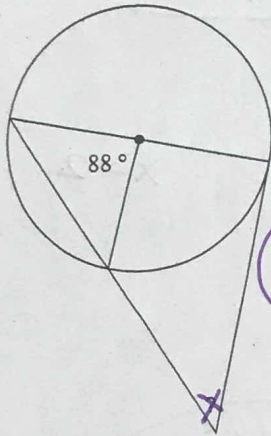
8)



$P = 69.4$ units

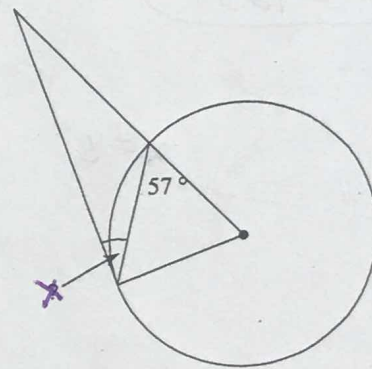
Find the angle measure indicated. Assume that lines which appear to be tangent are tangent.

9)



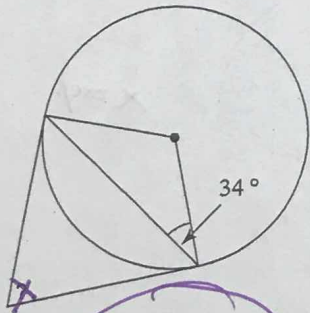
$X = 44^\circ$

10)



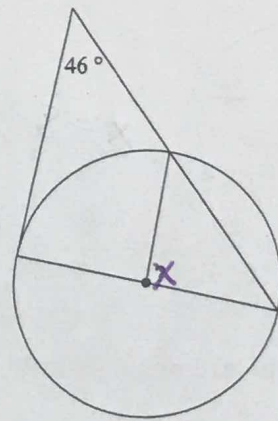
$X = 33^\circ$

11)



$X = 68^\circ$

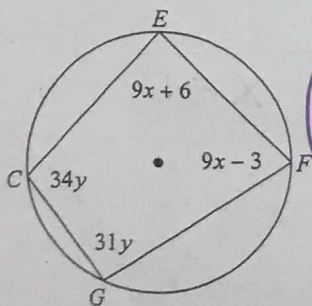
12)



$X = 92^\circ$

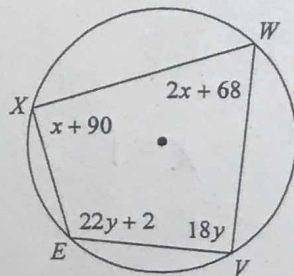
Solve for x and y .

13)



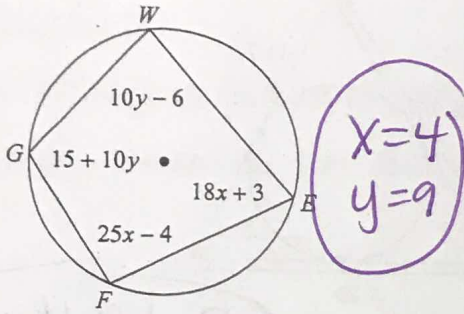
$x = 9$
 $y = 3$

14)

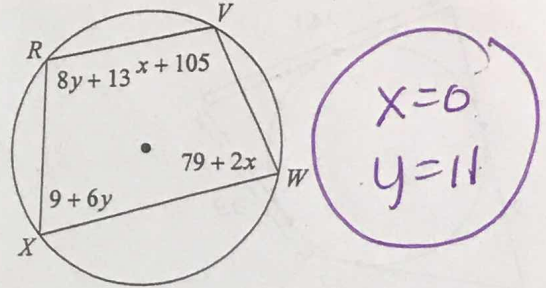


$x = 0$
 $y = 5$

15)

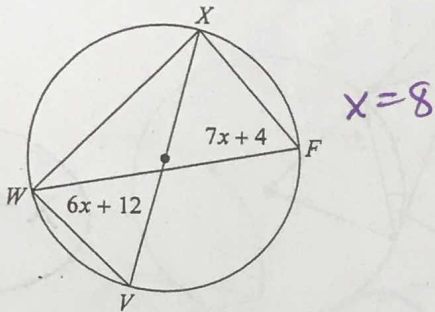


16)

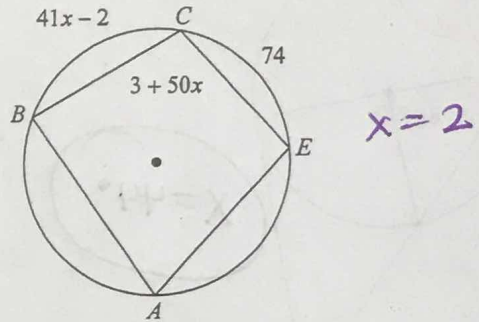


Find the measure of the arc or angle indicated.

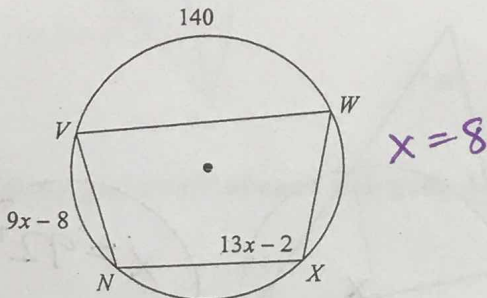
17) Find $m\widehat{WX} = 120^\circ$



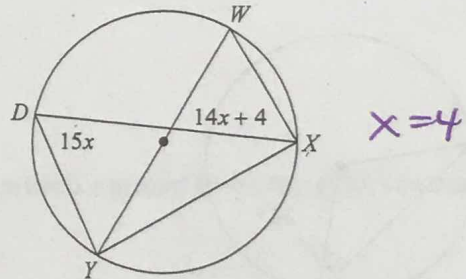
18) Find $m\angle ECB = 103^\circ$



19) Find $m\widehat{NV} = 64^\circ$

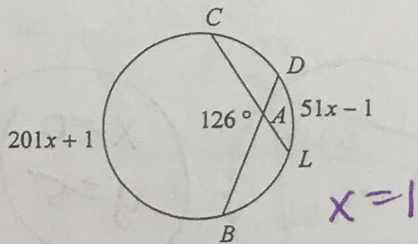


20) Find $m\angle XDY = 60^\circ$



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

21) Find $m\widehat{DL} = 50^\circ$



22) Find $m\angle JKL = 49^\circ$

