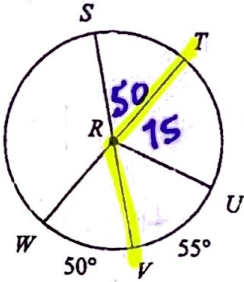


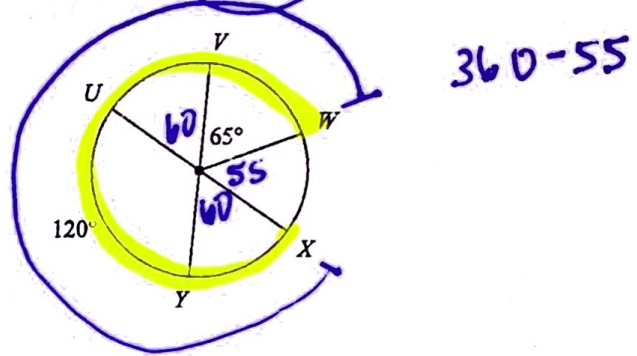
Circles Review

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

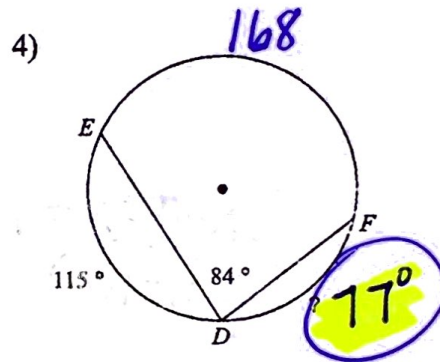
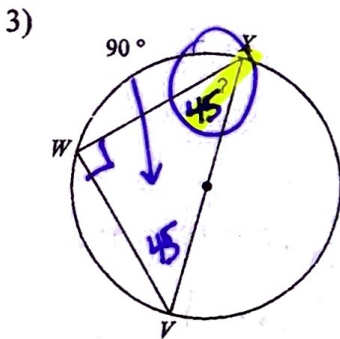
1) $m\angle TRV = 75 + 55 = 130^\circ$



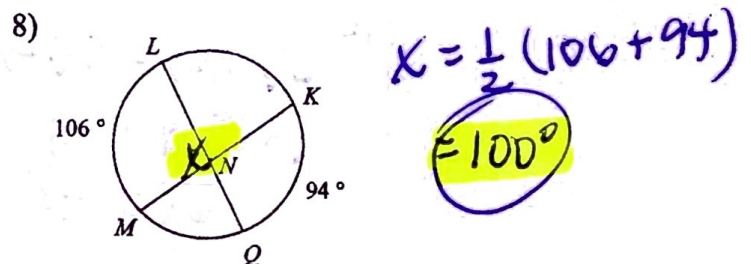
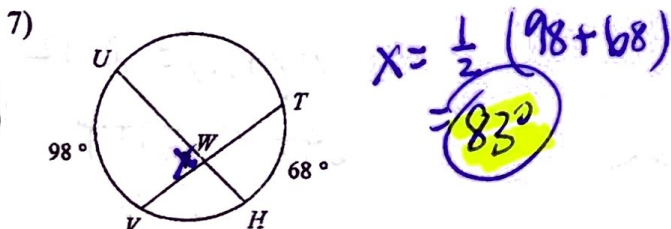
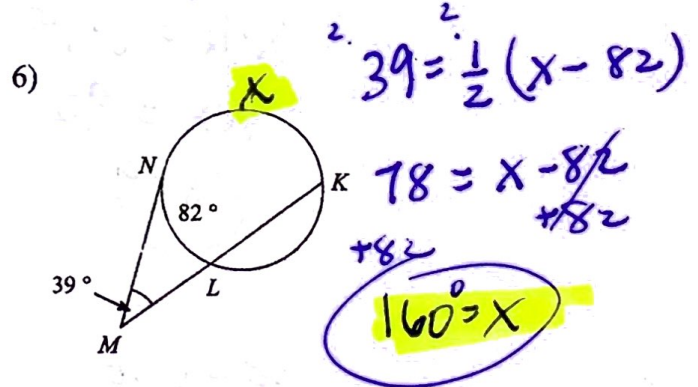
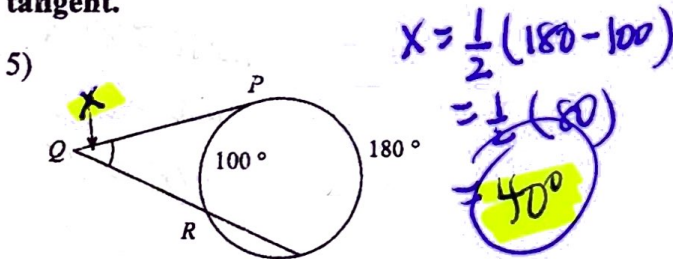
2) $m\widehat{XUW} = 305^\circ$



Find the measure of the arc or angle indicated.

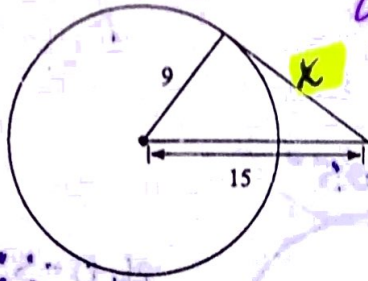


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.



Find the segment length indicated. Assume that lines which appear to be tangent are tangent.

9)

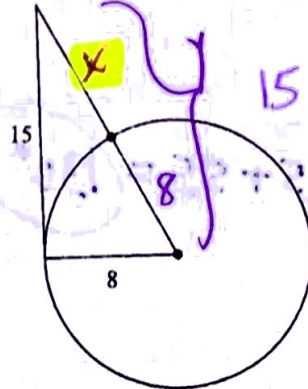


$$9^2 + x^2 = 15^2$$

$$x^2 = 144$$

$$x = 12$$

10)



$$15^2 + 8^2 = y^2$$

$$289 = y^2$$

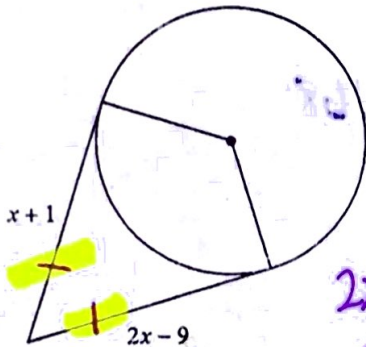
$$y = 17$$

$$x = 17 - 8 = 9$$

$$* x = 9 *$$

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

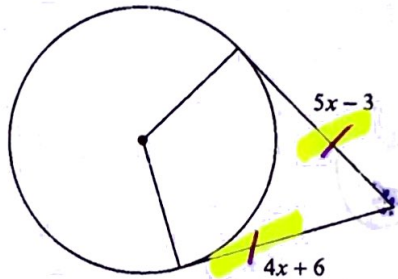
11)



$$2x - 9 = x + 1$$

$$x = 10$$

12)

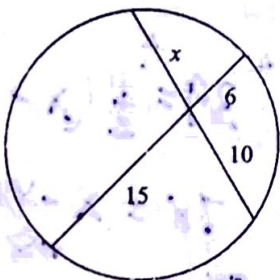


$$5x - 3 = 4x + 6$$

$$x = 9$$

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

13)



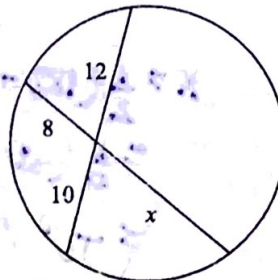
$$P \cdot P = P \cdot P$$

$$x \cdot 10 = 6 \cdot 15$$

$$10x = 90$$

$$x = 9$$

14)



$$P \cdot P$$

$$12 \cdot 10 = 8 \cdot x$$

$$120 = 8x$$

$$x = 15$$

15)



$$W \cdot E = W \cdot E$$

$$6(x+b) = 7(12)$$

$$6x + 36 = 84$$

$$6x = 48$$

$$x = 8$$

16)



$$W \cdot E = T \cdot T$$

$$8(8+x) = 12 \cdot 12$$

$$64 + 8x = 144$$

$$8x = 80$$

$$x = 10$$