

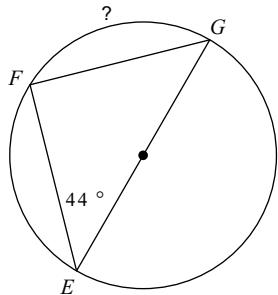
Geometry Homework

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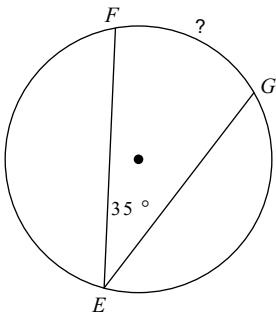
Circles Inscribed Angles (CIA1)

**Find the measure of the arc or angle indicated.**

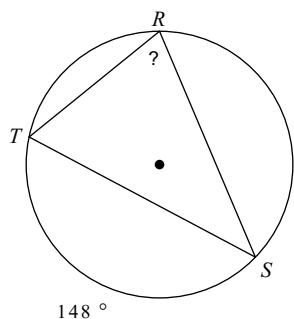
1)



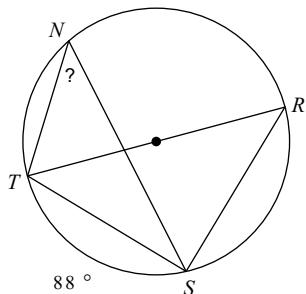
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3)

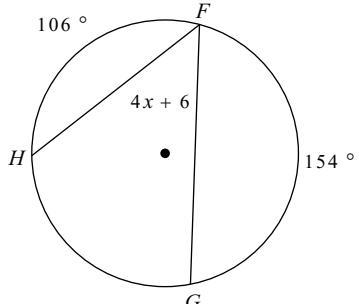


4)

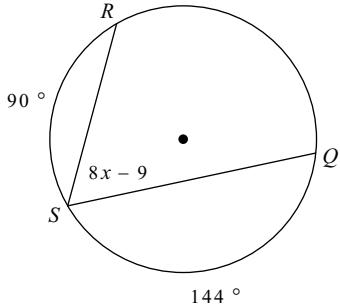


**Solve for  $x$ .**

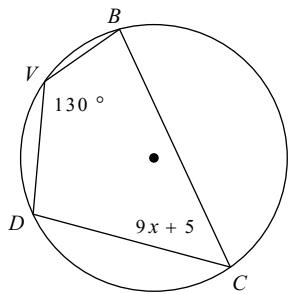
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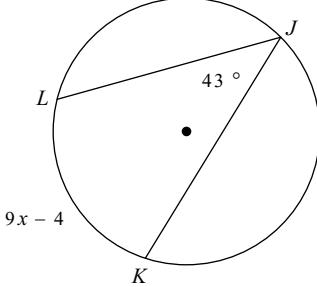
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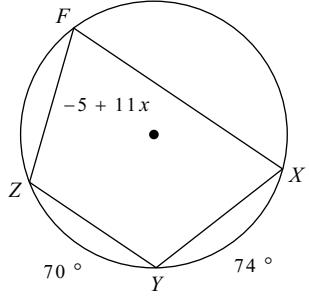
7)



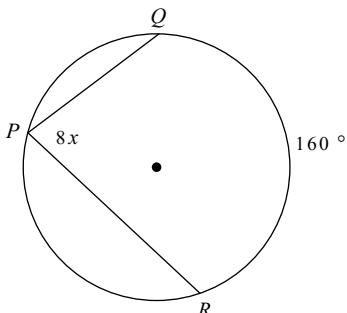
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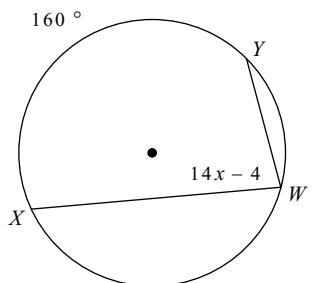
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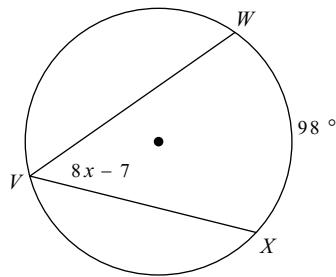
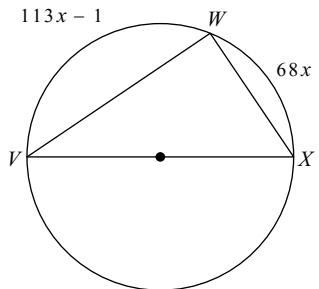
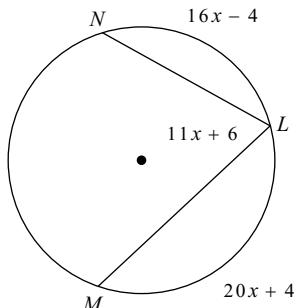
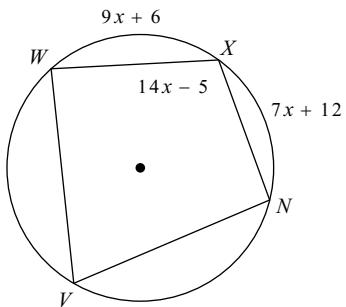
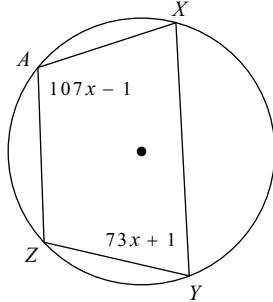
10)



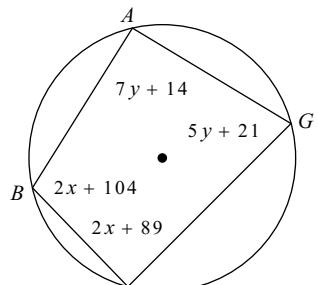
11)



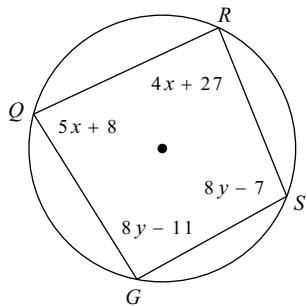
12)

**Find the measure of the arc or angle indicated.**13) Find  $m\widehat{WX}$ 14) Find  $m\widehat{LN}$ 15) Find  $m\widehat{WX}$ 16) Find  $m\angle XAZ$ **Solve for  $x$  and  $y$ .**

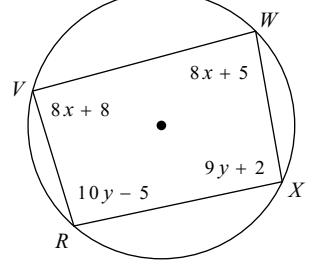
17)



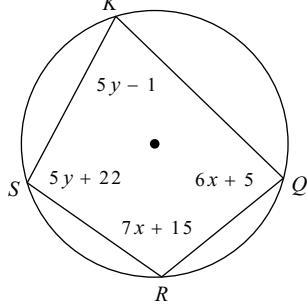
18)



19)



20)



## Answers to Circles Inscribed Angles (CIA1)

1)  $88^\circ$

9) 7

17)  $x = 0, y = 11$

3)  $74^\circ$

11) 6

19)  $x = 10, y = 10$

5) 11

13)  $68^\circ$

7) 5

15)  $78^\circ$