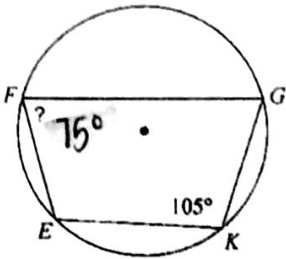


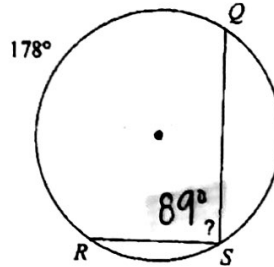
Inscribed Angles & Quadrilaterals - CW

Find the measure of the arc or angle indicated.

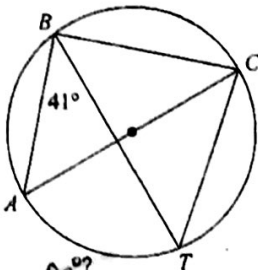
1)



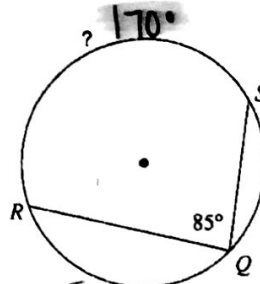
2)



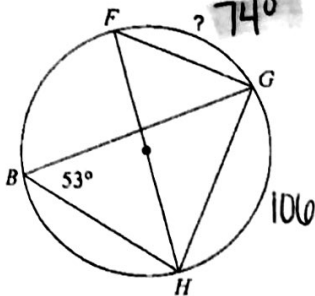
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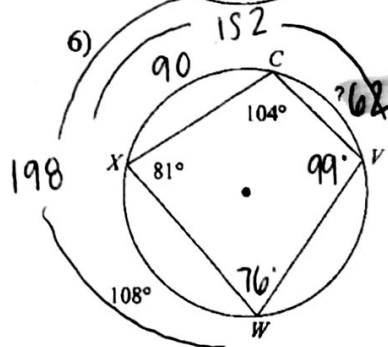
4)



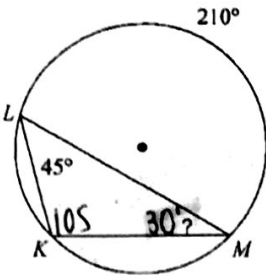
5)



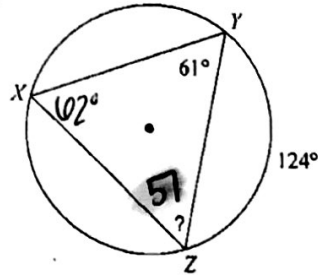
6)



7)

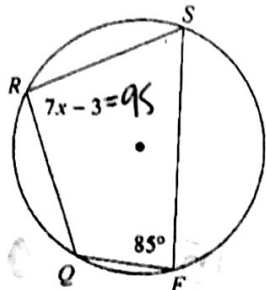


8)



Solve for x.

9)

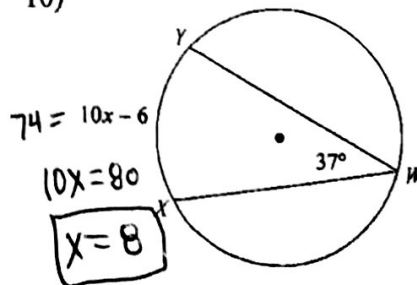


$$7x - 3 = 95$$

$$7x = 98$$

$$x = 14$$

10)



$$74 = 10x - 6$$

$$10x = 80$$

$$x = 8$$

Geometry

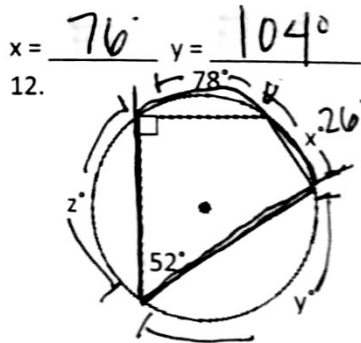
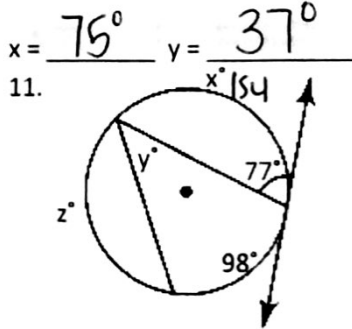
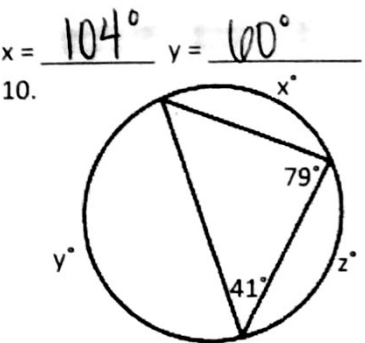
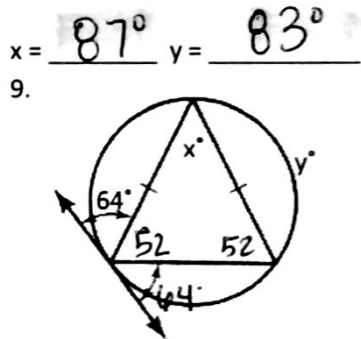
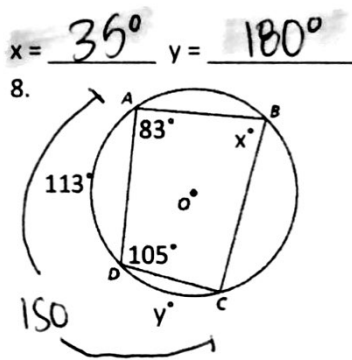
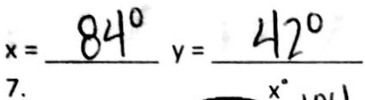
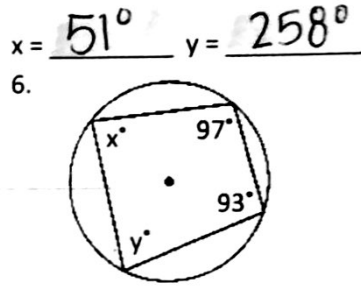
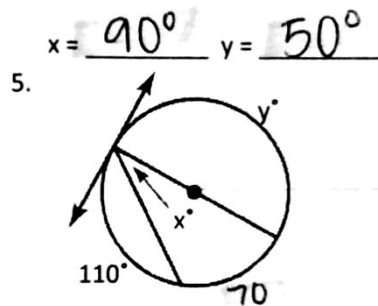
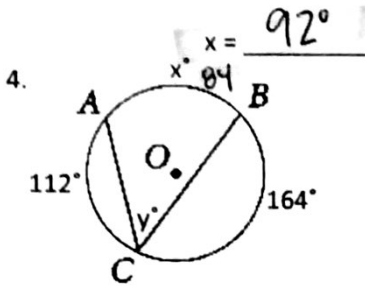
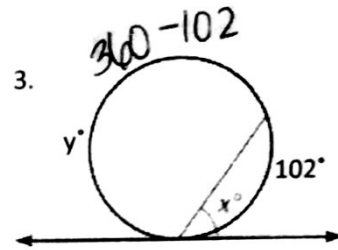
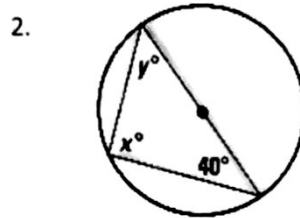
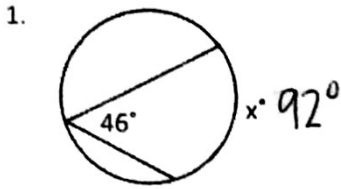
SHOW WORK

Name _____

12-3 worksheet

Inscribed angle = $\frac{1}{2}$ · intercepted arc

Find the value of each variable.



$x = 82^\circ$ $y = 158^\circ$ $z = 120^\circ$ $x = 154^\circ$ $y = 49$ $z = 108^\circ$ $x = 26^\circ$ $y = 154^\circ$ $z = 102^\circ$