

NAME _____

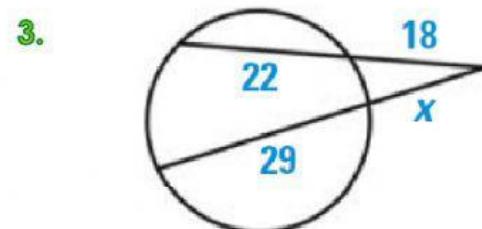
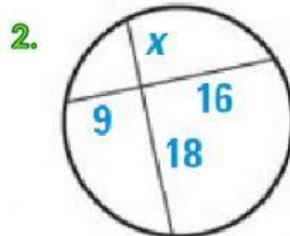
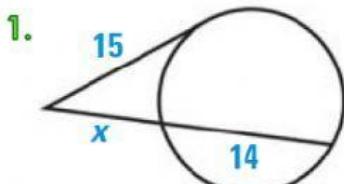
QUARTER _____

GRADE & SECTION _____

DATE _____

Activity: Segment Lengths in Circles

I. Determine which theorem you would use to find x.

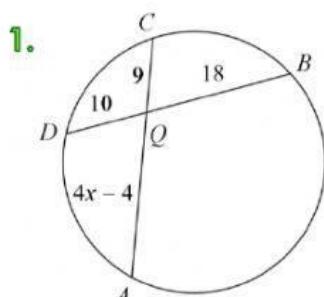


Theorem to use: _____

Theorem to use: _____

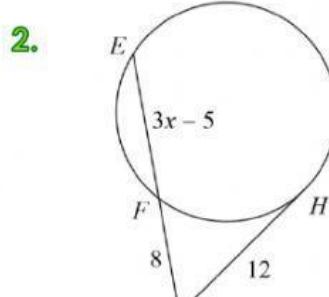
Theorem to use: _____

II. Fill in the blanks then find the value of x and the measure of the indicated segment.



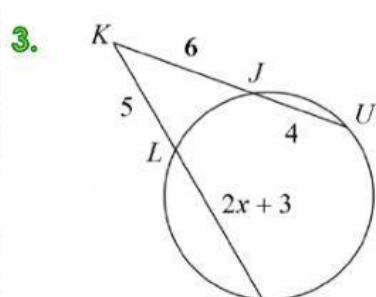
Set-up:

$$10 \cdot \boxed{} = \boxed{} \cdot (4x - 4)$$

Value of x: Measure of \overline{QA} : Measure of \overline{AC} : Measure of \overline{DB} : 

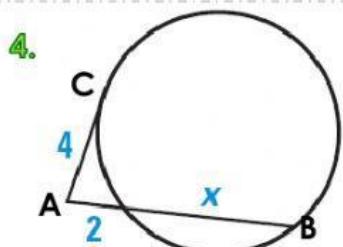
Set-up:

$$\boxed{}^2 = 8 \cdot (3x - 5 + \boxed{})$$

Value of x: Measure of \overline{EF} : Measure of \overline{GE} : 

Set-up:

$$6 \cdot \boxed{} = \boxed{} \cdot (2x + 3 + \boxed{})$$

Value of x: Measure of \overline{LM} : Measure of \overline{KM} : Measure of \overline{KU} : 

Set-up:

$$\boxed{}^2 = (\boxed{} + x) \cdot 2$$

Value of x: Measure of \overline{AB} :

How many attempts? ____.
How well did you do?



Need help!



Just OK!



Splendid

I HAVE TO...