

NAME

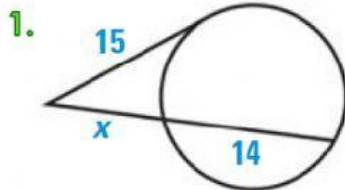
QUARTER

GRADE & SECTION

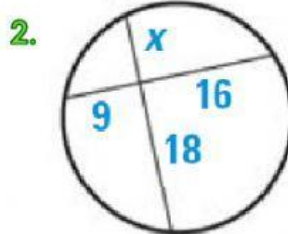
DATE

Activity: Segment Lengths in Circles

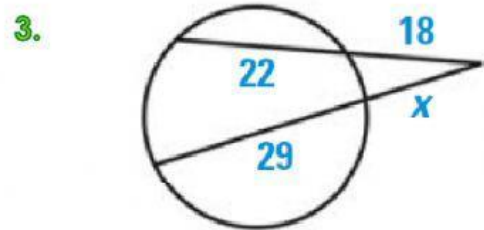
I. Determine which theorem you would use to find x .



Theorem to use:

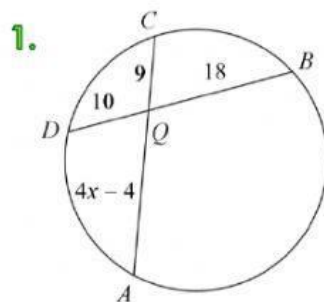


Theorem to use:



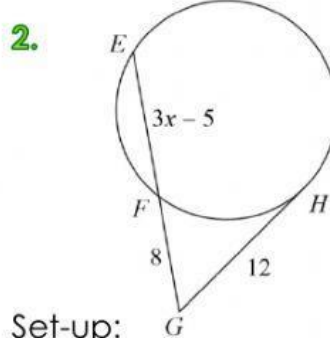
Theorem to use:

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



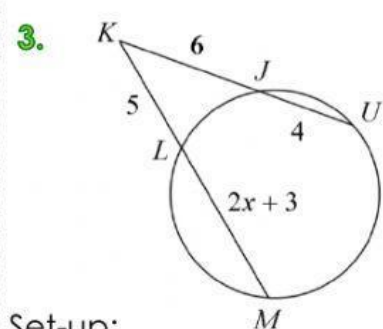
Set-up:

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

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

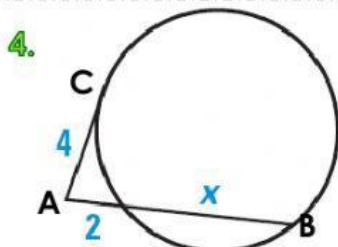
Set-up:

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

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...