NAME _____ QUARTER _____

GRADE & SECTION _____ DATE _____

# Activity: Central Angles and Inscribed Angles

**The measure of a central angle is equal to the measure of its intercepted arc.**

**The measure of an inscribed angle is half the measure of its intercepted arc.**

Determine the measure of the indicated arc or angle.

A. 1. $\text{m}\angle MKN =$ _____

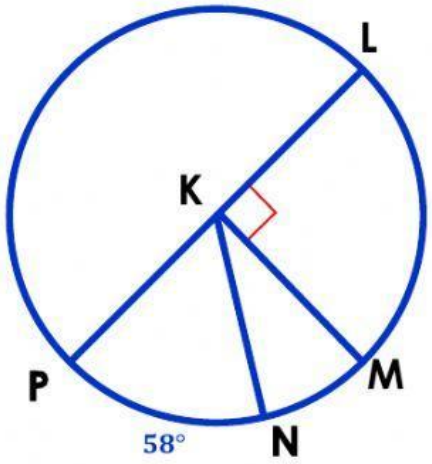
2. $\text{m}\angle LKN =$ _____

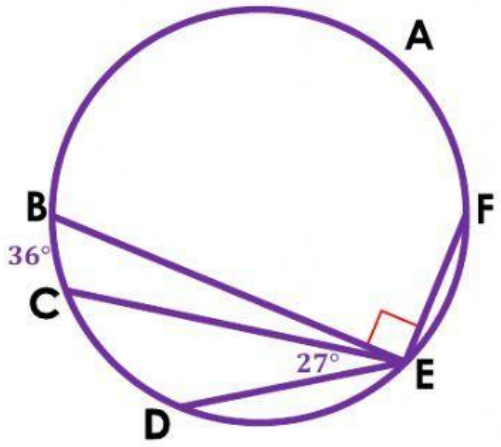
3. $\text{m}\overset{\frown}{LM} =$ _____

4. $\text{m}\overset{\frown}{MN} =$ _____

5. $\text{m}\overset{\frown}{LN} =$ _____

6. $\text{m}\overset{\frown}{LNP} =$ _____




B. 1. $\text{m}\angle BEF =$ _____

2. $\text{m}\angle BEC =$ _____

3. $\text{m}\overset{\frown}{FAB} =$ _____

4. $\text{m}\overset{\frown}{BD} =$ _____

5. $\text{m}\overset{\frown}{CD} =$ _____

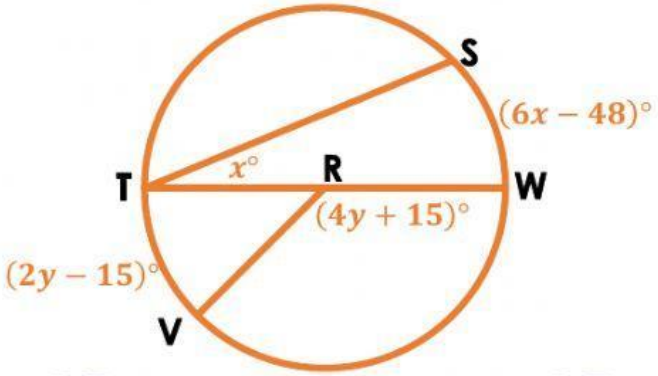
6. $\text{m}\angle BED =$ _____

C. 1. $x =$ _____

2. $\text{m}\overset{\frown}{SW} =$ _____

3. $y =$ _____

4. $\text{m}\overset{\frown}{VW} =$ _____




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

 Need help!  Just OK!  Splendid

I HAVE TO KEEP IN MIND THAT…

_____

_____

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