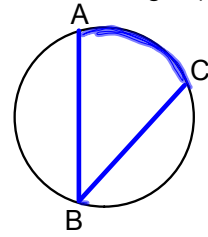


Chord, Secant, and Tangent Angles Inside or On a Circle

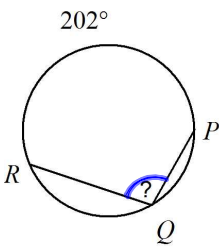
Feb 14-8:33 AM

Two chords intersecting on a circle (inscribed angles)



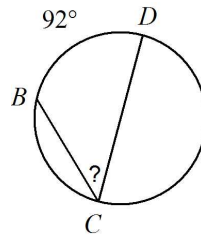
$\angle ABC = \frac{1}{2}(\widehat{AC})$
 $\angle ABC = \frac{1}{2}(\widehat{AC})$

Feb 14-8:36 AM



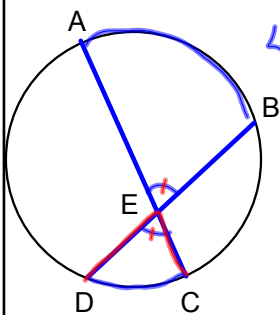
$\angle RQP = \frac{1}{2}(202)$
 $\angle RQP = 101^\circ$

Feb 14-8:38 AM



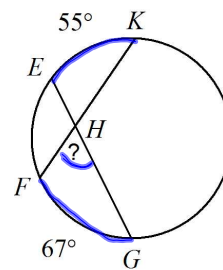
Feb 14-8:38 AM

Two chords intersecting in a circle



$\angle DEC = \frac{1}{2}(\widehat{AB} + \widehat{DC})$

Feb 14-8:38 AM



$\angle ? = \frac{1}{2}(\widehat{EK} + \widehat{FG})$
 $\angle ? = \frac{1}{2}(55 + 67)$
 $\angle ? = \frac{1}{2}(122)$
 $\angle ? = 61$

Feb 14-8:44 AM

Handwritten notes:

$$(2) 110 = \frac{1}{2}(55 + ?)$$

$$220 = 55 + ?$$

$$\begin{array}{r} -55 \\ -55 \\ \hline 165 = ? \end{array}$$

Feb 14-8:44 AM

The Intersection of a Tangent and Chord on a Circle

Handwritten equation:

$$\angle ABC = \frac{1}{2}(\widehat{BC})$$

Feb 14-8:45 AM

Handwritten notes:

$$360 - 250 = 110$$

$$\angle EFG = \frac{1}{2}(\widehat{EG})$$

$$\angle EFG = \frac{1}{2}(110)$$

$$\angle EFG = 55^\circ$$

Feb 14-8:47 AM

Handwritten notes:

$$\angle LMN = \frac{1}{2}(\widehat{LM})$$

$$2 \cdot 50 = 2 \cdot \frac{1}{2}(\widehat{LM})$$

$$100 = ?$$

Feb 14-8:47 AM

Handwritten notes:

$$51 \cdot 2 = 102$$

$$360 = 128x + 2 + 102$$

$$360 = 128x + 104$$

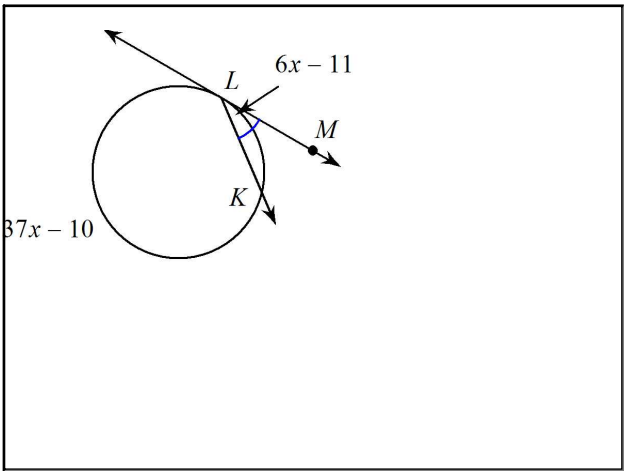
$$\begin{array}{r} -104 \\ -104 \\ \hline 256 = 128x \end{array}$$

$$\frac{256}{128} = \frac{128x}{128}$$

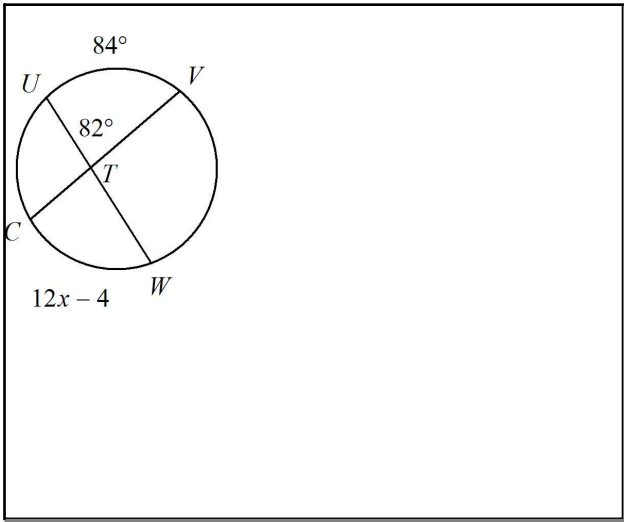
$$2 = x$$

Feb 14-8:50 AM

Feb 14-8:50 AM



Feb 14-8:50 AM



Feb 14-8:50 AM