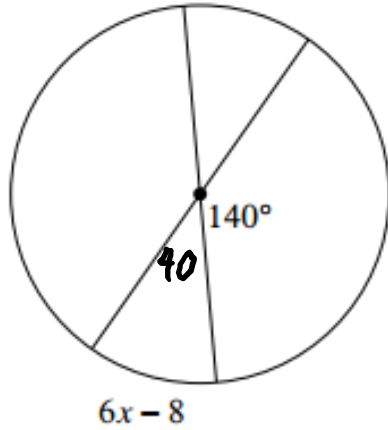


Whiteboard Review Problem

Solve for x :



$$\begin{array}{r} 180 \\ -140 \\ \hline 40 \end{array}$$

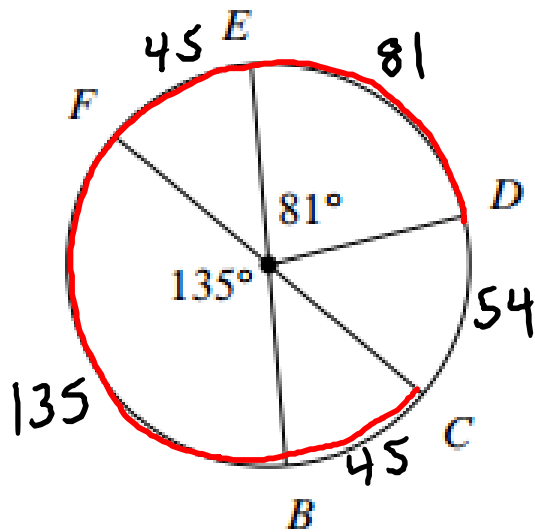
$$\begin{aligned} 6x - 8 &= 40 \\ 6x &= 48 \\ x &= 8 \end{aligned}$$

Whiteboard Review Problem

$$\begin{array}{r} 180 \\ - 135 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 180 \\ - 81 \\ - 45 \\ \hline 54 \end{array}$$

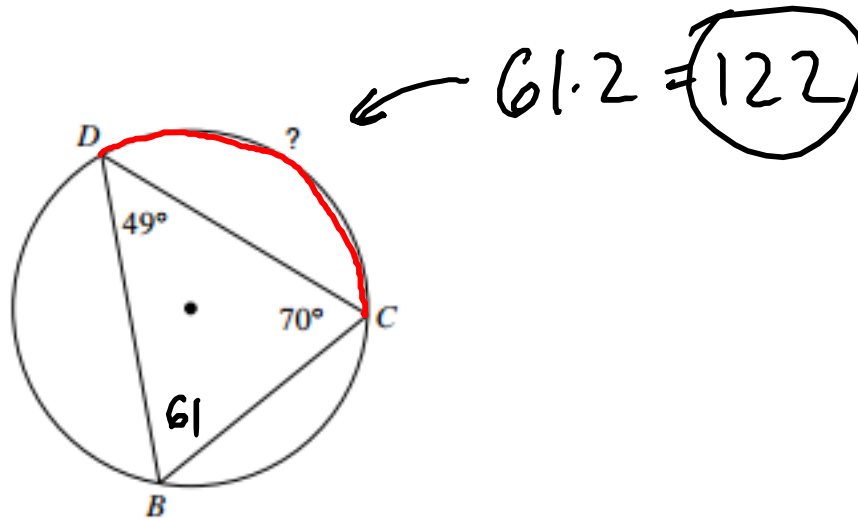
Find: $m\widehat{CFD}$



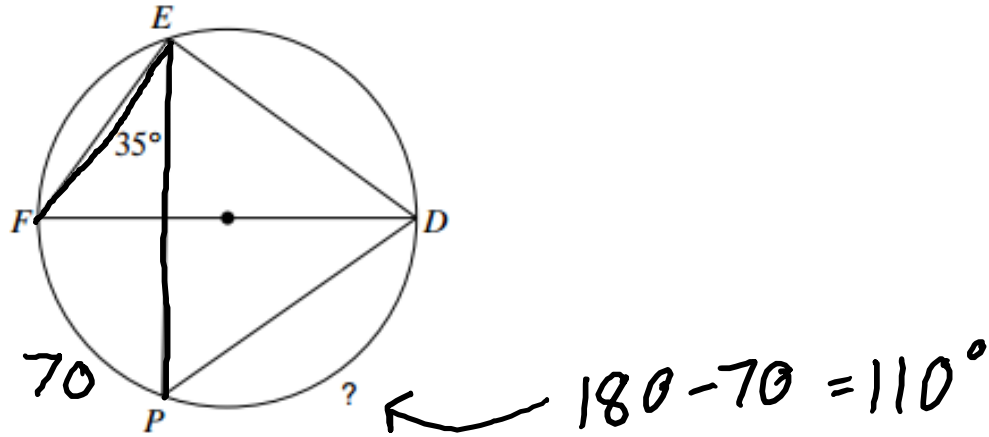
$$\begin{array}{r} 360 \\ - 54 \\ \hline 306 \end{array}$$

Whiteboard Review Problem

$$\begin{array}{r} 180 \\ - 49 \\ - 70 \\ \hline 61 \end{array}$$

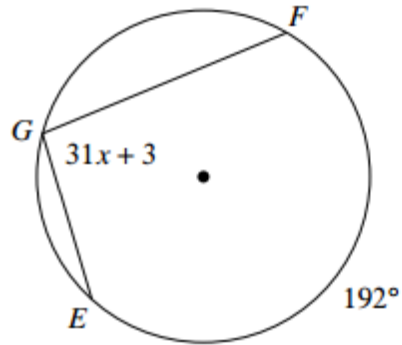


Whiteboard Review Problem



Whiteboard Review Problem

Solve for x :



$$\text{angle} = \frac{1}{2}(\text{arc})$$

$$31x + 3 = \frac{1}{2}(192)$$

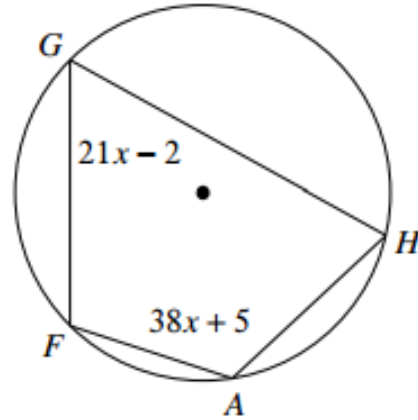
$$31x + 3 = 96$$

$$31x = 93$$

$$x = 3$$

Whiteboard Review Problem

Solve for x :



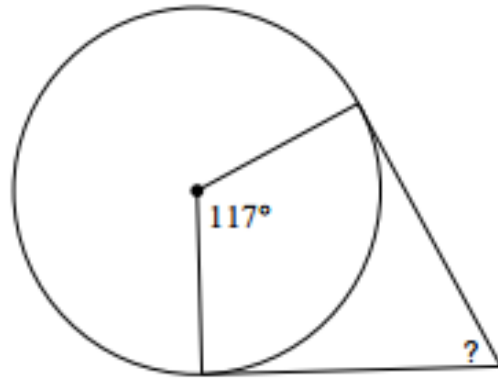
$$\underline{21x - 2} + \underline{38x + 5} = 180$$

$$59x + \cancel{3} = 180$$

$$\frac{59x}{59} = \frac{177}{59}$$

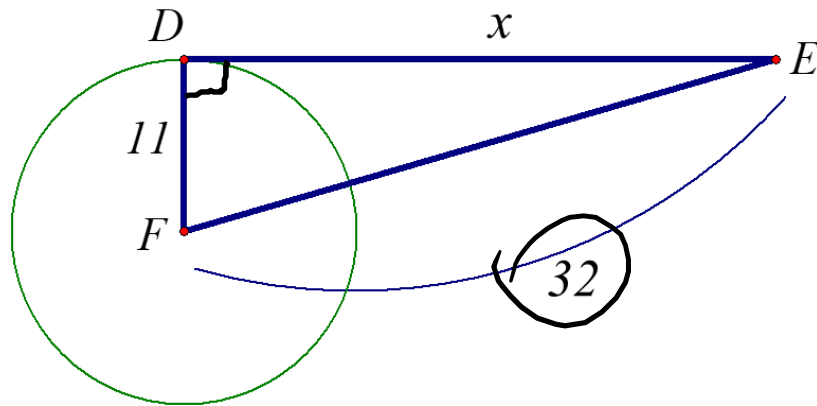
$$x = 3$$

Whiteboard Review Problem



$$\begin{array}{r} 180 \\ -117 \\ \hline 63 \end{array}$$

Whiteboard Review Problem



$$a^2 + b^2 = c^2$$

$$11^2 + x^2 = 32^2$$

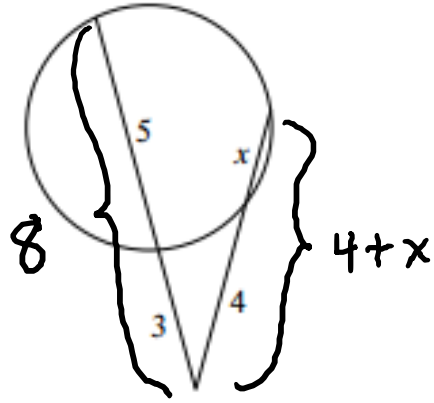
$$121 + x^2 = 1024$$

$$\sqrt{x^2} = \sqrt{903}$$

$$x = 30.0$$

Whiteboard Review Problem

Solve for x :



whole thing times
outside part

$$8 \cdot 3 = (4+x)4$$

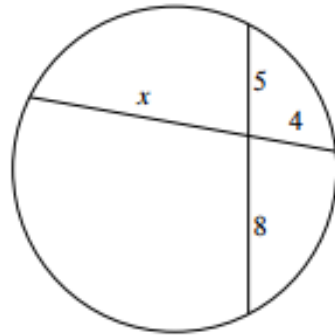
$$24 = 16 + 4x$$

$$8 = 4x$$

$$2 = x$$

Whiteboard Review Problem

Solve for x :



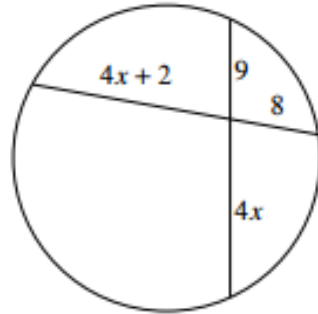
$$5 \cdot 8 = 4 \cdot x$$

$$40 = 4x$$

$$10 = x$$

Whiteboard Review Problem

Solve for x :



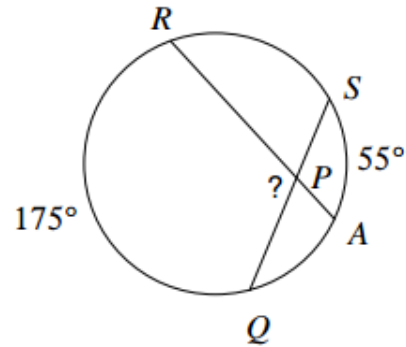
$$(4x+2)8 = 9(4x)$$

$$32x + 16 = 36x$$
$$-32x \quad -32x$$

$$16 = 4x$$

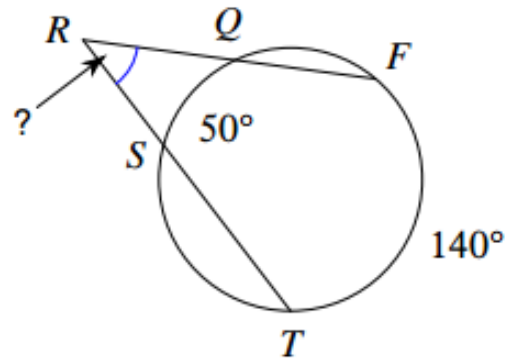
$$4 = x$$

Whiteboard Review Problem



$$\begin{aligned} \text{angle} &= \frac{1}{2}(\text{arc} + \text{arc}) \\ &= \frac{1}{2}(175 + 55) \\ &= \frac{1}{2}(230) \\ &= 115 \end{aligned}$$

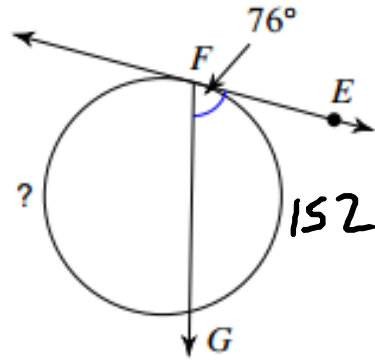
Whiteboard Review Problem



$$\begin{aligned} \text{angle} &= \frac{1}{2}(\text{arc} - \text{arc}) \\ &= \frac{1}{2}(140 - 50) \\ &= \frac{1}{2}(90) \\ &= 45 \end{aligned}$$

Whiteboard Review Problem

$$\begin{array}{r} 360 \\ - 152 \\ \hline 208 \end{array}$$



$$\text{angle} = \frac{1}{2}(\text{arc})$$

$$76 \cdot 2 = 152$$

Whiteboard Review Problem

