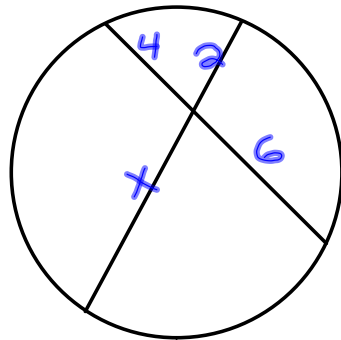
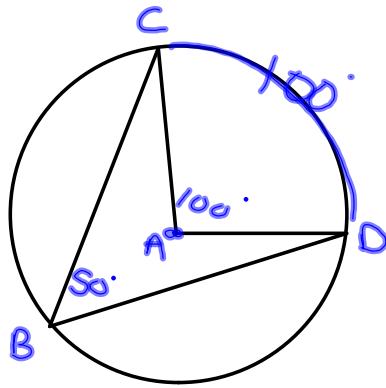


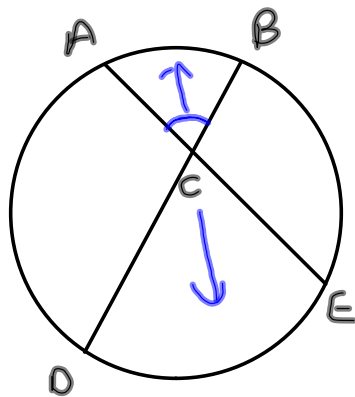
4-8-14
1st Geo



$$2 \cdot x = 4 \cdot 6$$

$$2x = 24$$

$$x = 12$$



$$\widehat{AB} = 40^\circ$$

$$\widehat{DE} = 80^\circ$$

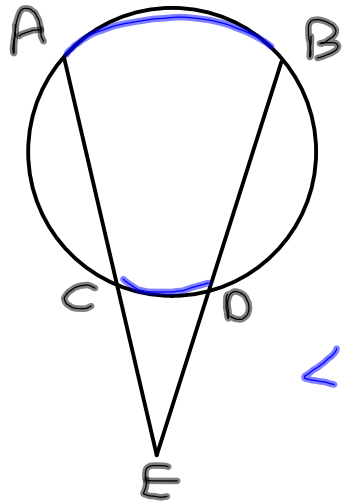
$$\angle ACB = ?$$

$$\angle ACB = \frac{1}{2}(\widehat{AB} + \widehat{DE})$$

$$= \frac{1}{2}(40 + 80)$$

$$= \frac{1}{2} 120$$

$$= 60$$



$$\widehat{AB} = 100^\circ$$

$$\widehat{CD} = 30^\circ$$

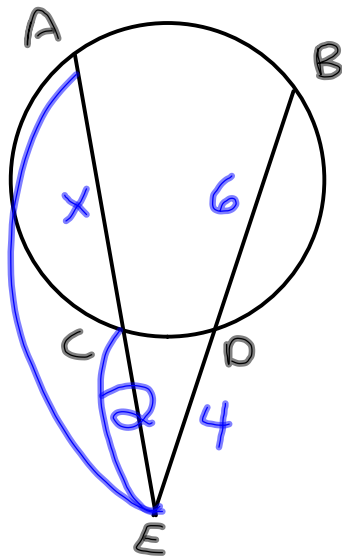
$$\angle E = ?$$

$$\angle E = \frac{1}{2} (\widehat{AB} - \widehat{CD})$$

$$= \frac{1}{2} (100 - 30)$$

$$= \frac{1}{2} \cdot 70$$

$$= 35^\circ$$



$$EC = 2$$

$$ED = 4$$

$$BD = 6$$

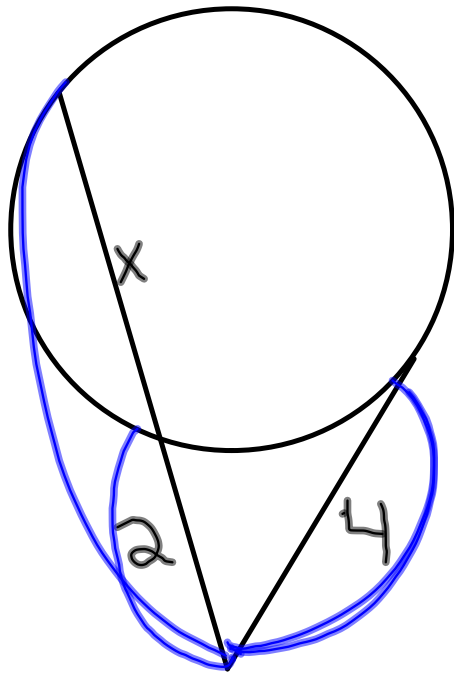
$$AC = ?$$

$$2 \cdot (2 + x) = 4 \cdot 10$$

$$\begin{array}{r} 4 + 2x = 40 \\ -4 \quad -4 \\ \hline \end{array}$$

$$\frac{2x = 36}{2} \quad \frac{36}{2}$$

$$x = 18$$



$$2 \cdot (2 + x) = 4 \cdot 4$$

$$4 + 2x = 16$$

$$\begin{array}{r} -4 \\ \hline 2x = 12 \end{array}$$

$$2x = 12$$

$$x = 6$$

