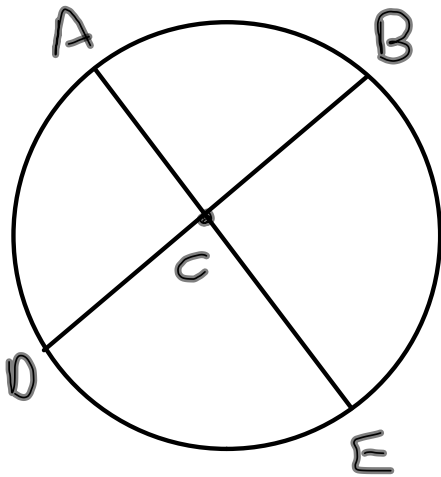
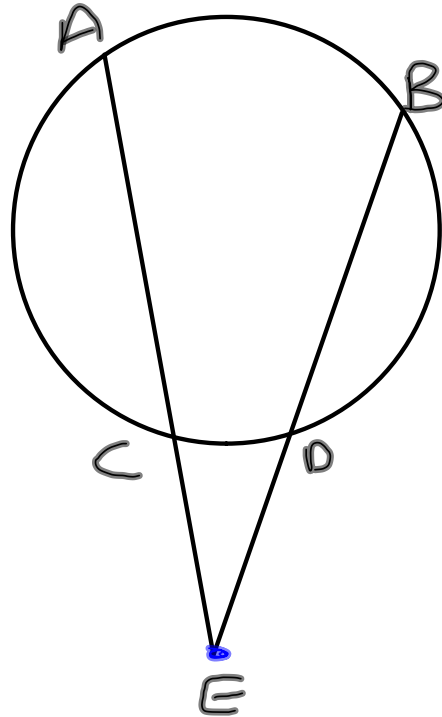


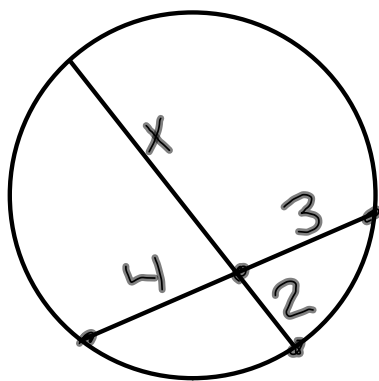
4-2-14
1st Geo



$$AC \cdot CE = DC \cdot CB$$



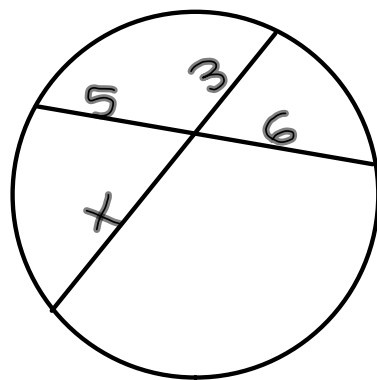
$$EC \cdot EA = ED \cdot EB$$



$$2 \cdot x = 4 \cdot 3$$

$$2x = 12$$

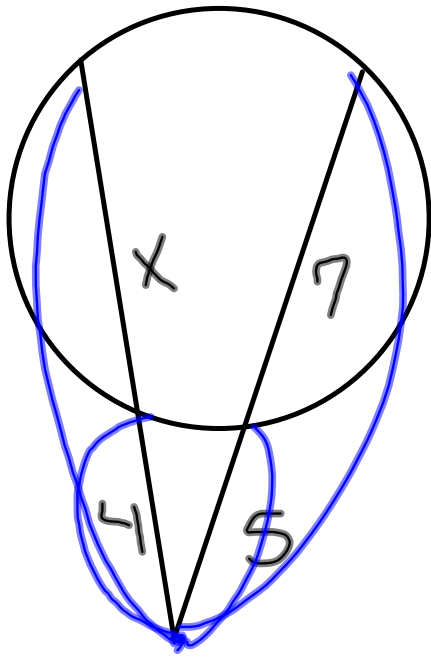
$$x = 6$$



$$3 \cdot x = 5 \cdot 6$$

$$3x = 30$$

$$x = 10$$



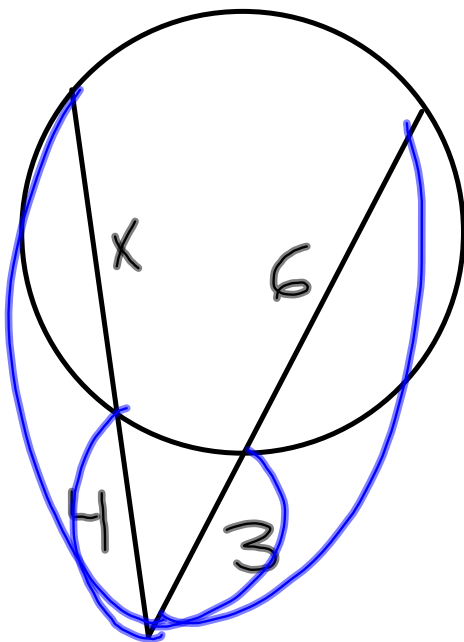
$$4 \cdot (4+x) = 5 \cdot 7$$

$$16 + 4x = 35$$

$$\begin{array}{r} -16 \\ \hline \end{array}$$

$$4x = 19$$

$$x = 4.75$$



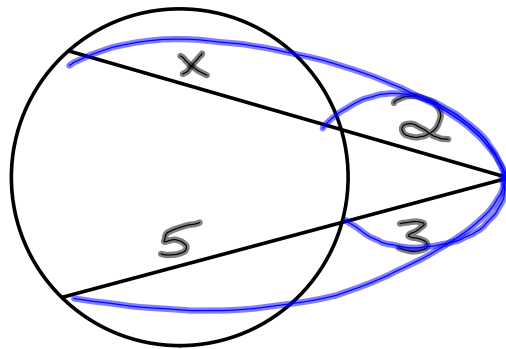
$$4 \cdot (4+x) = 3 \cdot 6$$

$$16 + 4x = 18$$

$$\begin{array}{r} -16 \\ \hline \end{array}$$

$$\frac{4x}{4} = \frac{2}{4}$$

$$x = 0.5$$



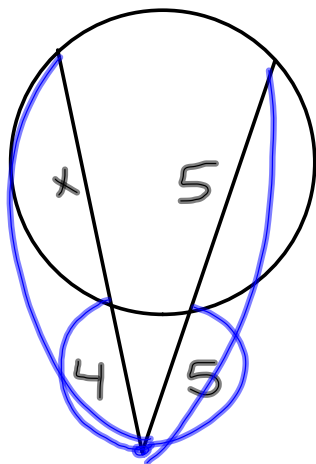
$$2 \cdot (2 + x) = 3 \cdot 8$$

$$4 + 2x = 24$$

$$\begin{array}{r} -4 \\ \hline \end{array} \quad \begin{array}{r} -4 \\ \hline \end{array}$$

$$2x = 20$$

$$x = 10$$



$$4 \cdot (4 + x) = 5 \cdot 10$$

$$16 + 4x = 50$$

$$\begin{array}{r} -16 \\ \hline \end{array} \quad \begin{array}{r} -16 \\ \hline \end{array}$$

$$4x = 34$$

$$x = 8 \frac{1}{2}$$