$$
\begin{aligned}
& 4-8-14 \\
& 1^{\text {st }} \text { Geo }
\end{aligned}
$$



$$
\begin{aligned}
2 \cdot x & =4 \cdot 6 \\
2 x & =24 \\
x & =12
\end{aligned}
$$



$$
\begin{aligned}
\widehat{A B} & =40^{\circ} \\
\widehat{D E} & =80^{\circ} \\
\angle A C B & =? \\
\angle A C B & =\frac{1}{2}(\widehat{A B}+\widehat{D E}) \\
& =\frac{1}{2}(40+80) \\
& =\frac{1}{2} 120 \\
& =60
\end{aligned}
$$


$\widehat{A B}=100^{\circ}$
$\overparen{C D}=30^{\circ}$

$$
\angle E=?
$$

$$
\begin{aligned}
\angle E & =\frac{1}{2}(\overparen{A B}-\overparen{C D}) \\
& =\frac{1}{2}(100-30)
\end{aligned}
$$

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

$$
=35^{\circ}
$$



$$
\begin{gathered}
2 \cdot(2+x)=4 \cdot 10 \\
4+2 x=40 \\
-4+4 \\
\hline \frac{2 x}{2}=\frac{36}{2} \\
x=18
\end{gathered}
$$



$$
\begin{gathered}
2 \cdot(2+x)=4.4 \\
4+2 x=16 \\
-4 \quad-4 \\
\hline 2 x=12 \\
x=6
\end{gathered}
$$






