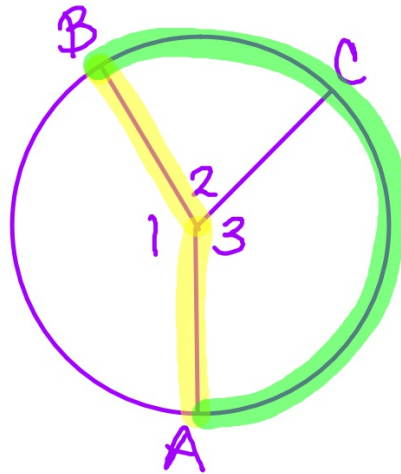
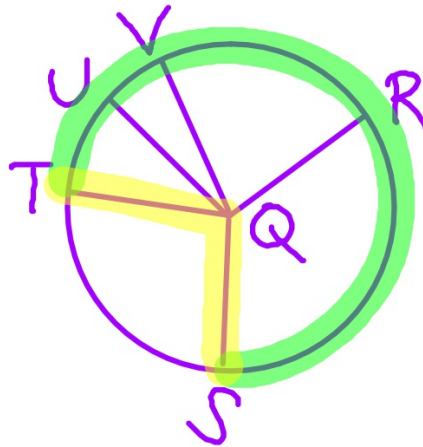


⑥ $\widehat{BCA}$

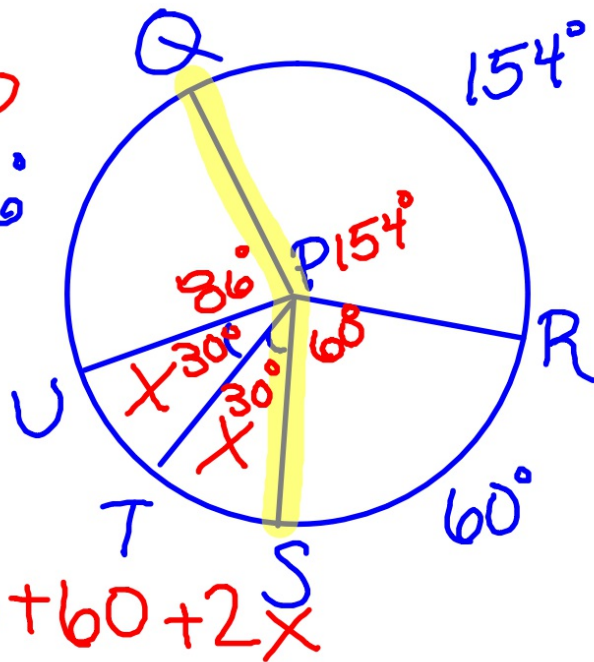


⑧ $\angle SQT$



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$$\begin{aligned} \angle SPQ &= 86 + 30 + 30 \\ \angle SPQ &= 146^\circ \end{aligned} \quad 86^\circ$$



$$360 = 154 + 86 + 60 + 2x$$

$$360 = 300 + 2x$$

$$\begin{array}{r} 360 \\ - 300 \\ \hline 60 \end{array} \quad \begin{array}{r} 300 \\ - 300 \\ \hline 0 \end{array}$$

$$\frac{60}{2} = \frac{2x}{2} \quad 30 = x$$

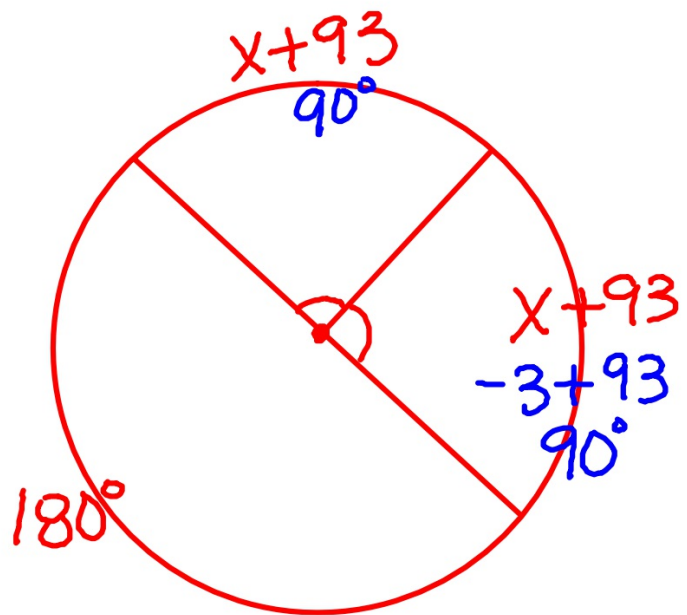
16)

$$2x + 186 = 180$$

$$-186 \quad -186$$

$$\frac{2x}{2} = \frac{-6}{2}$$

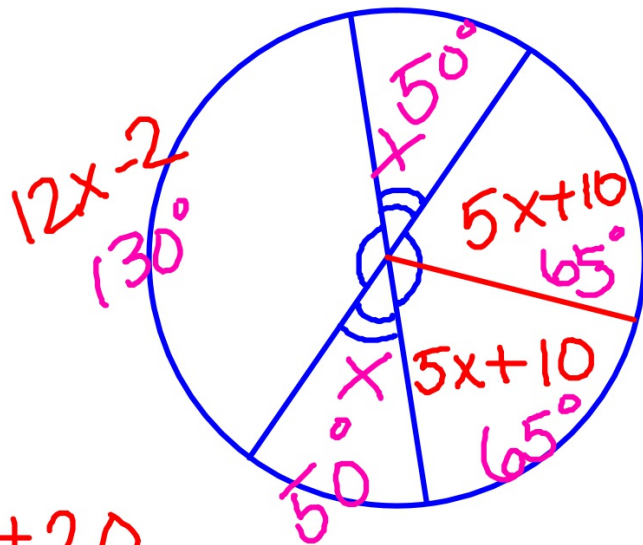
$$x = -3$$



$$360 = 2x + 186 + 180^\circ$$

$$\bullet 90 = x + 93$$

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$$\begin{aligned}
 2x - 2 &= 10x + 20 \\
 10x &\quad - 10x \\
 \hline
 2x - 2 &= 20 \\
 +2 &\quad +2 \\
 \hline
 2x &= 22 \quad x = 11 \\
 \frac{2x}{2} &= \frac{22}{2}
 \end{aligned}$$

$$\begin{aligned}
 360 &= 130 + 30 + 2x \\
 360 &= 260 + 2x \\
 -260 &\quad -260 \\
 \hline
 100 &= 2x \quad 50 = x \\
 \frac{100}{2} &\quad \frac{2x}{2}
 \end{aligned}$$