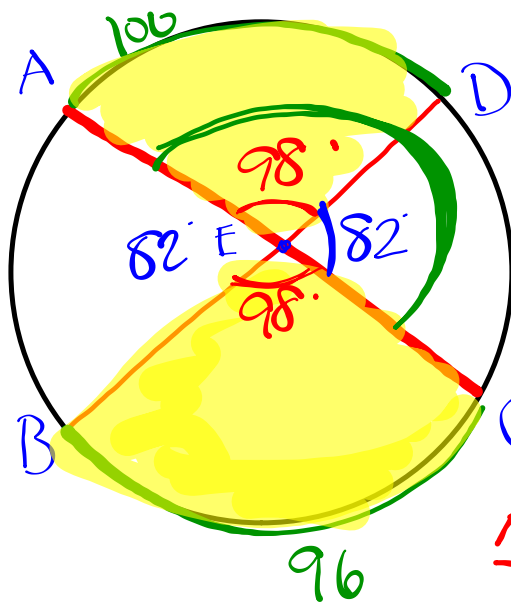


Angles Inside, Outside, and On

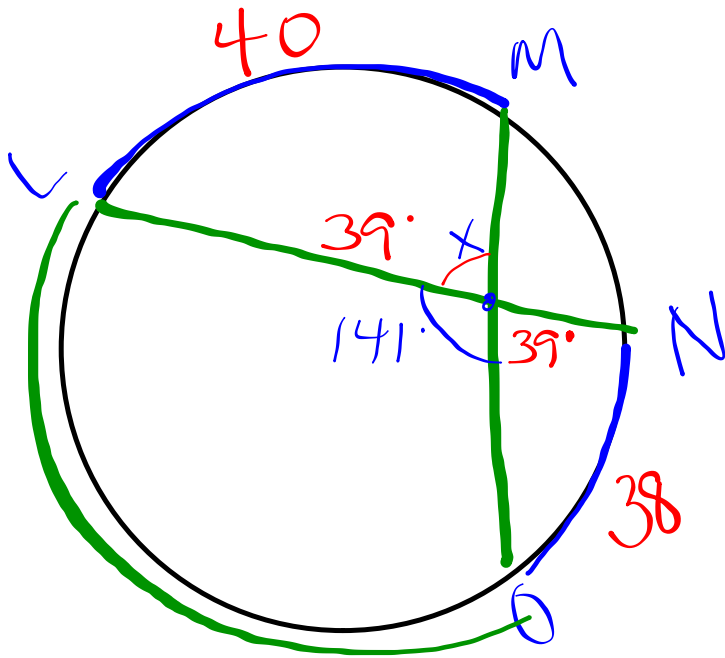


$$\widehat{AD} = 100$$

$$\widehat{BC} = 96$$

$$\frac{\text{Arc} + \text{Arc}}{2} = \text{angle}$$

$$\frac{100 + 96}{2} = 98$$

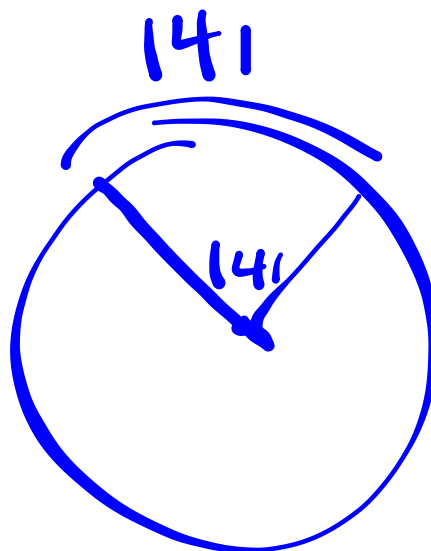
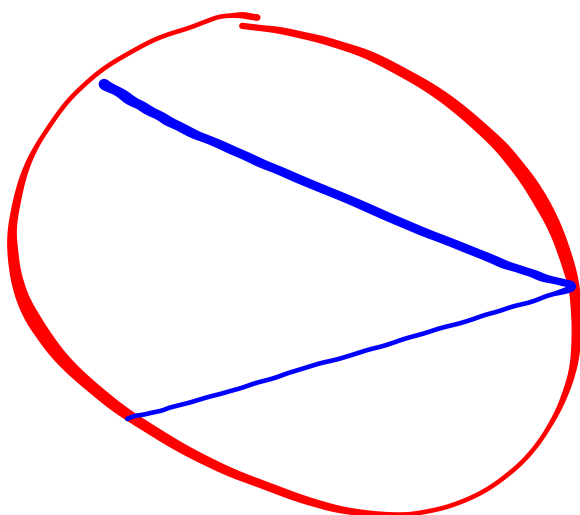


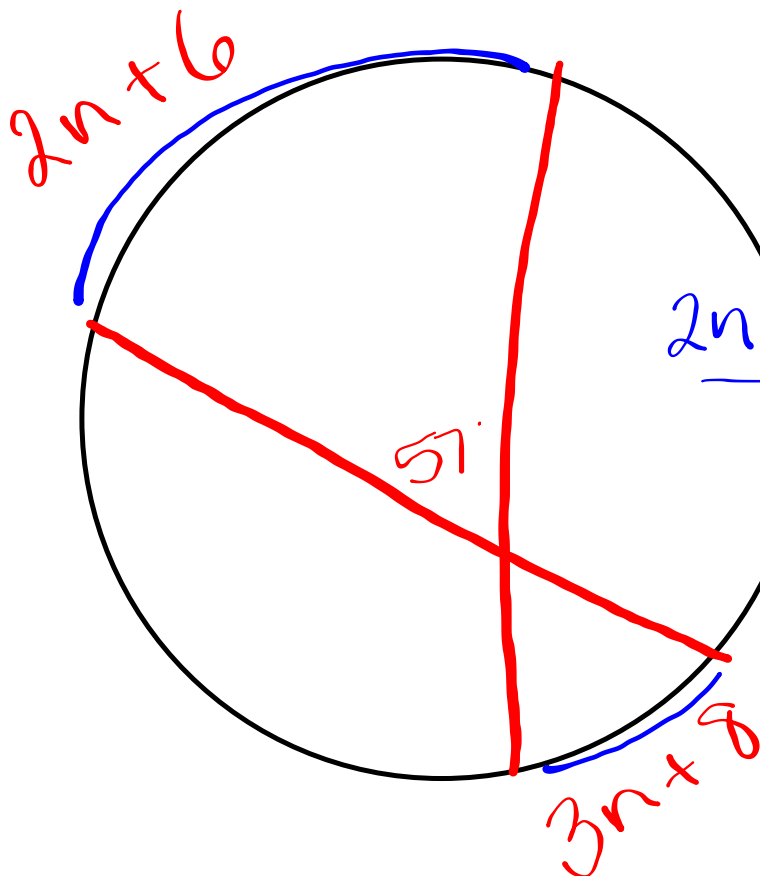
$$\widehat{LM} = 40^\circ$$

$$\widehat{ON} = 38^\circ$$

$$\widehat{LO} =$$

$$\frac{40 + 38}{2} = \frac{78}{2} = 39$$





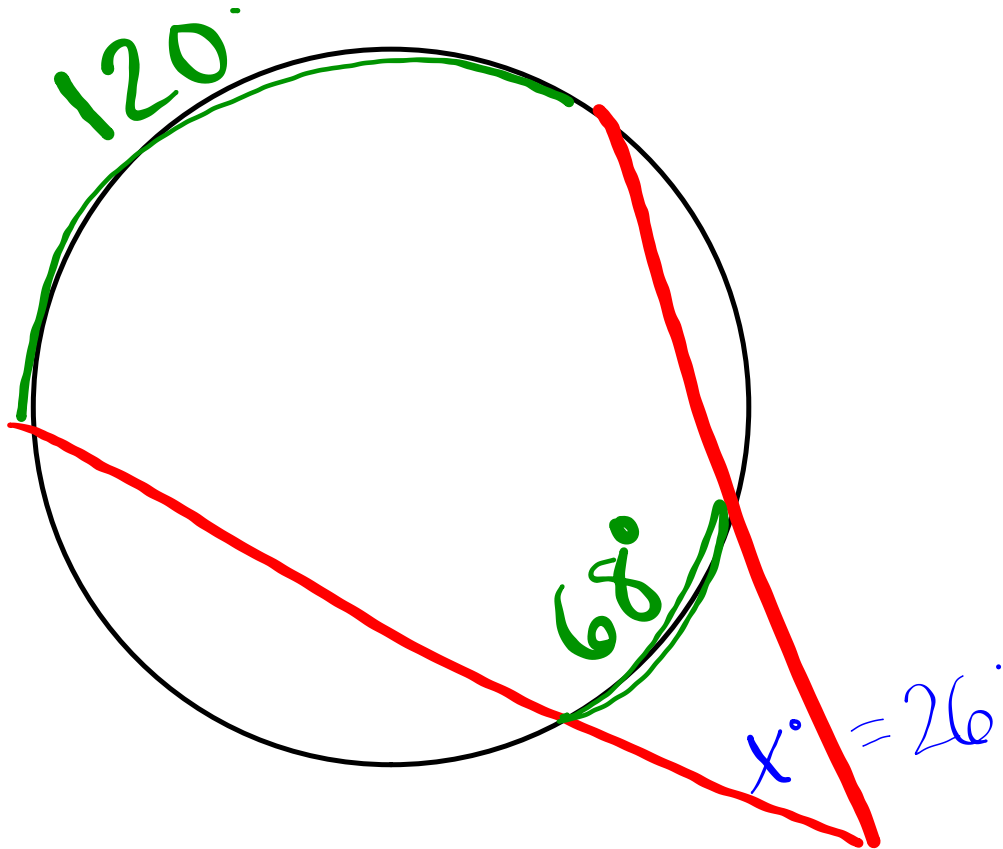
$$\frac{\text{Arc} + \text{Arc}}{2}$$

$$\frac{2n+6 + 3n+8}{2} = 51$$

$$5n + 14 = 114$$

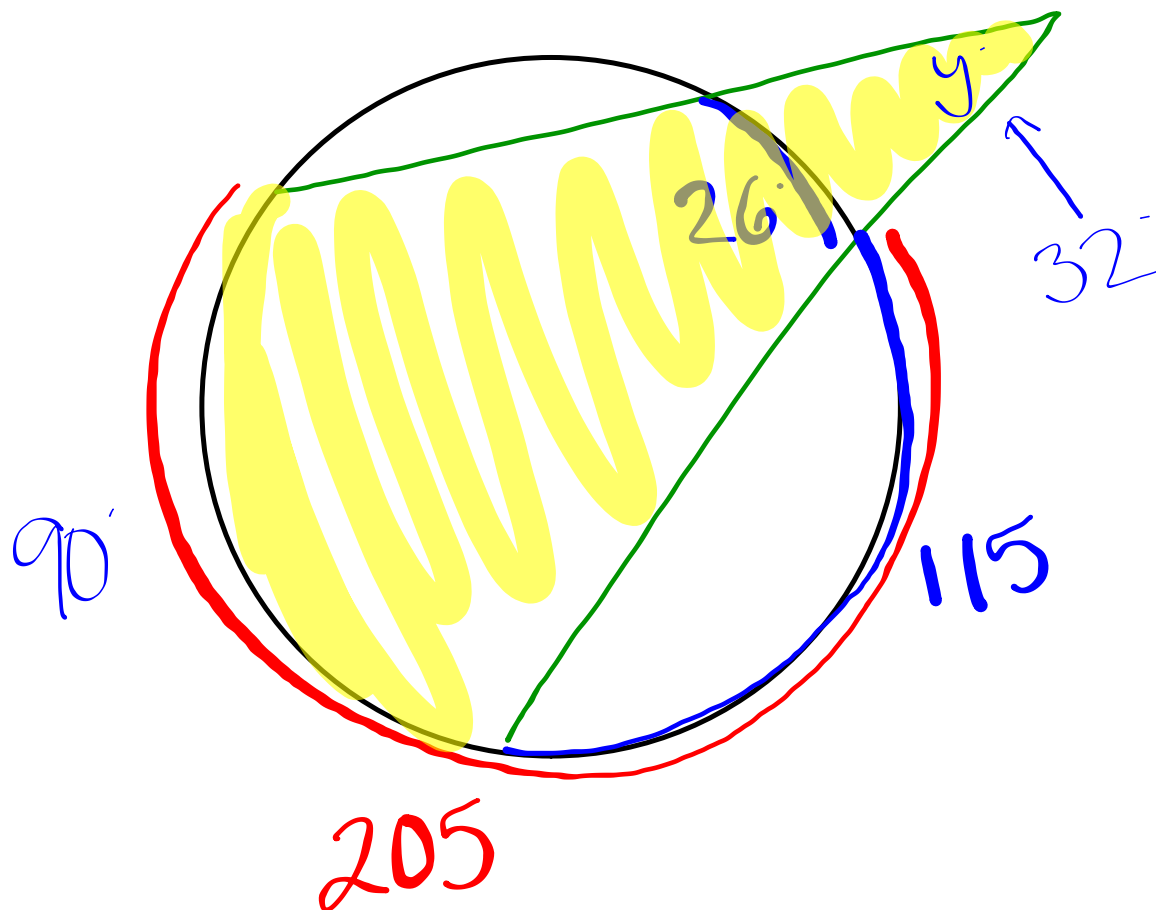
$$\begin{array}{r} -14 \\ \hline 5n = 100 \end{array}$$

$$n = 20$$



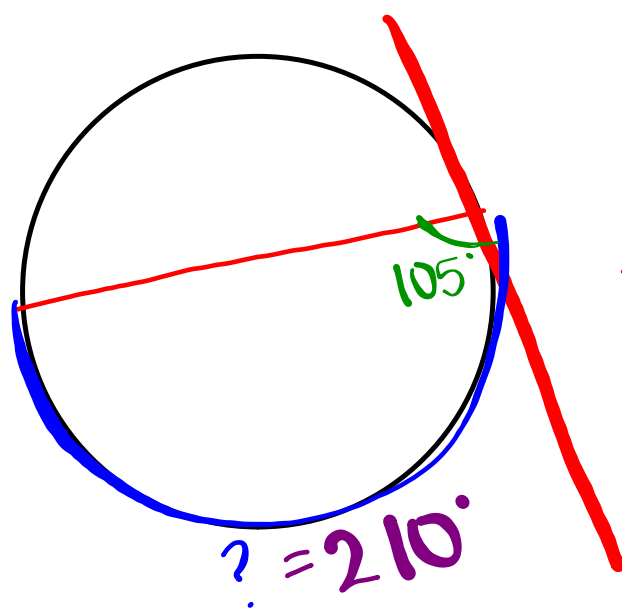
$$\frac{\text{Big Arc} - \text{Little Arc}}{2} = x^\circ$$

$$\frac{120 - 68}{2} = \frac{52}{2} = 26^\circ$$



$$\frac{\text{Big Arc} - \text{Lil Arc}}{2} = \angle$$

$$\frac{90 - 26}{2} = \frac{64}{2} = 32$$



$$105 \cdot 2 = 210^\circ$$

★ treat it
as an
inscribed
angle