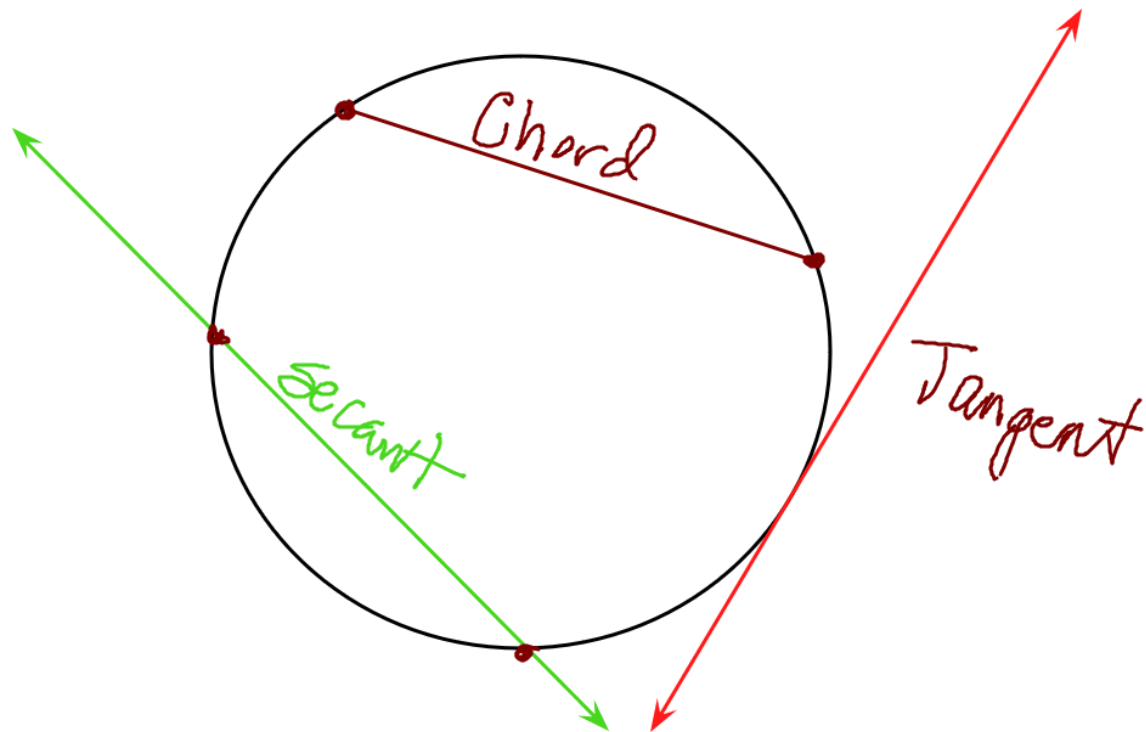


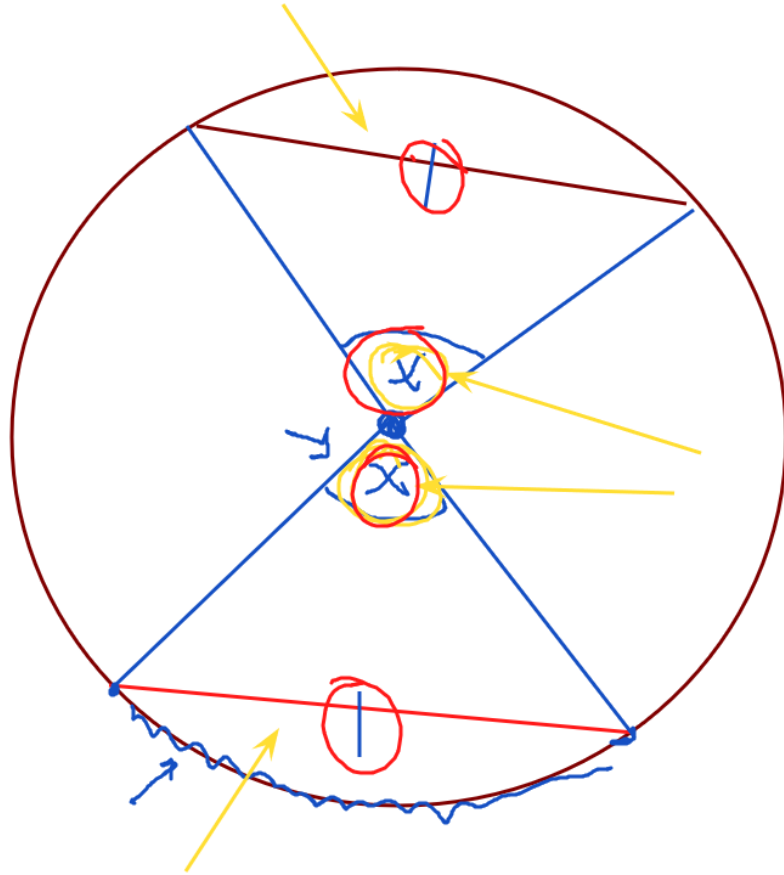
# 10.3 CHORDS (NOT THAT KIND!)



Theorem #3

CONVERSE!

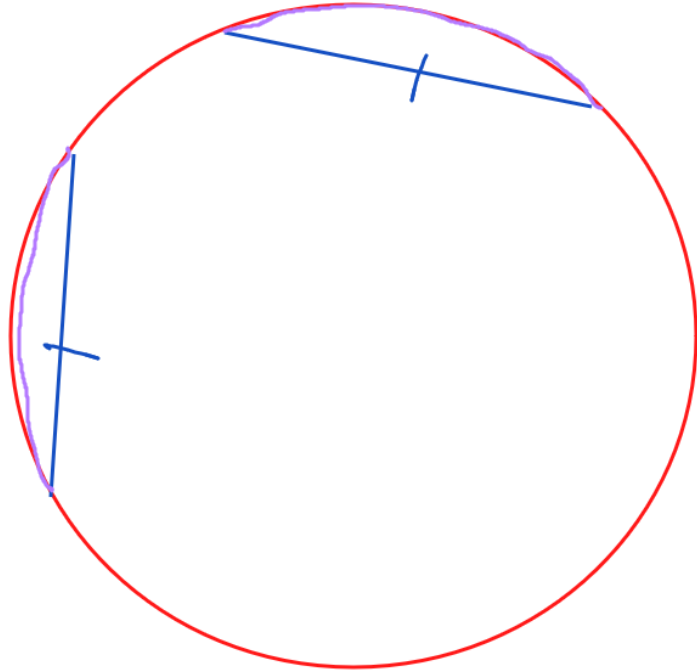
Angles + Chords



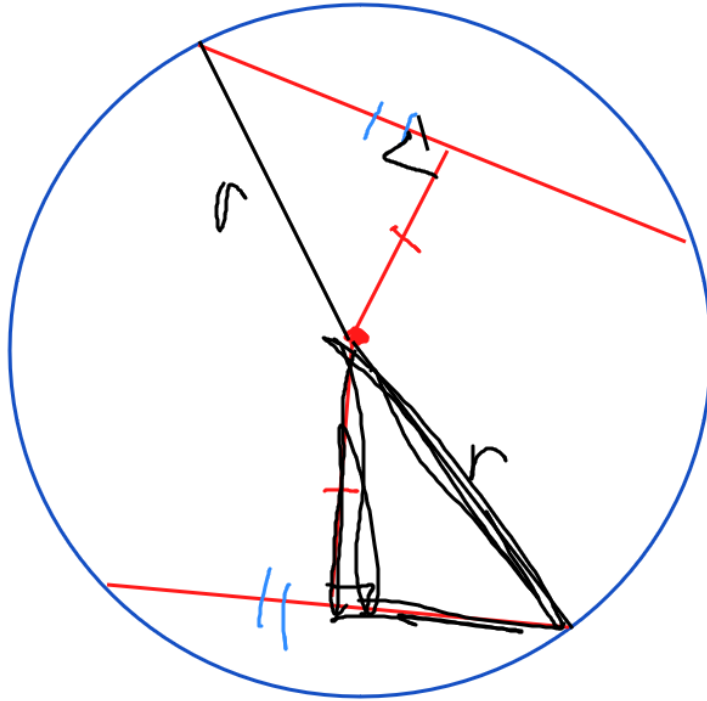
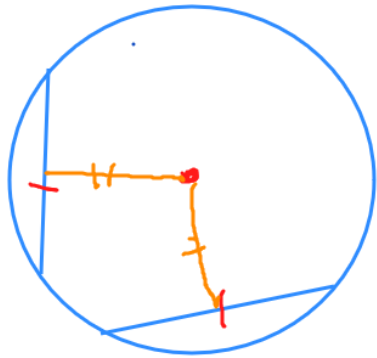
Theorem #4

Converse

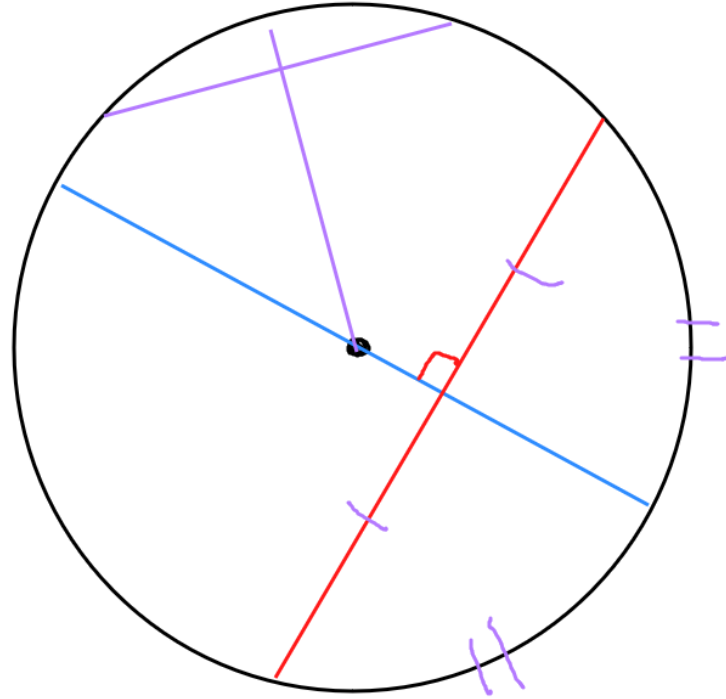
ARCS + CHORDS



Theorem #5



# Theorems 6/7



$$(3x-4)^{\circ}$$

$$(17)$$

$$\begin{array}{r} 3x-4 = 5x-18 \\ +18 \quad +18 \\ \hline 3x+14 = 5x \end{array}$$

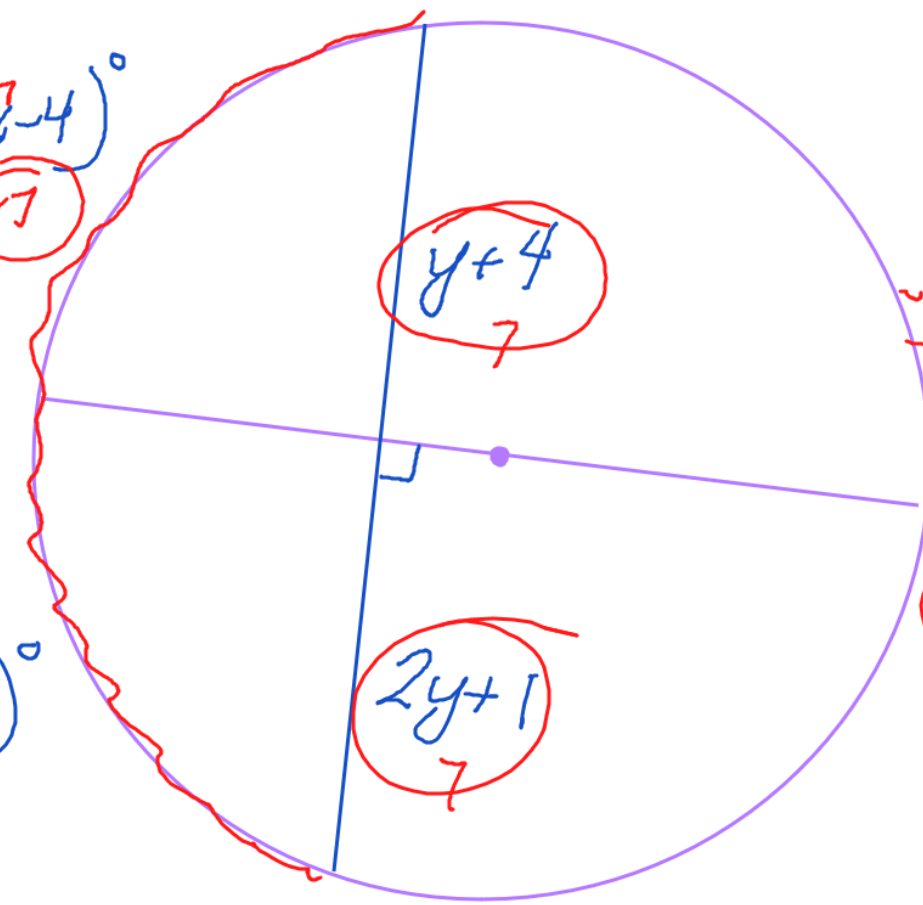
$$\begin{array}{r} 3x+14 = 5x \\ -3x \quad -3x \\ \hline 14 = 2x \end{array}$$

$$\frac{14}{2} = \frac{2x}{2}$$

$$(x=7)$$

$$(5x-18)^{\circ}$$

$$(17)$$



$$(y+4)$$

$$7$$

$$(2y+1)$$

$$7$$

$$\begin{array}{r} y+4 = 2y+1 \\ \sim y \quad \sim y \\ \hline 4 = y+1 \end{array}$$

$$\begin{array}{r} 4 = y+1 \\ -1 \quad -1 \\ \hline 3 = y \end{array}$$

$$(3=y)$$

PHH 5-10

5.  $DF = 4$

6.  $m \widehat{ABC} = 86^\circ$

7.  $FH = 2$

8.  $m \widehat{DE} = 43^\circ$

9.  $AC = 4$

10.  $m \widehat{DF} = 86^\circ$

