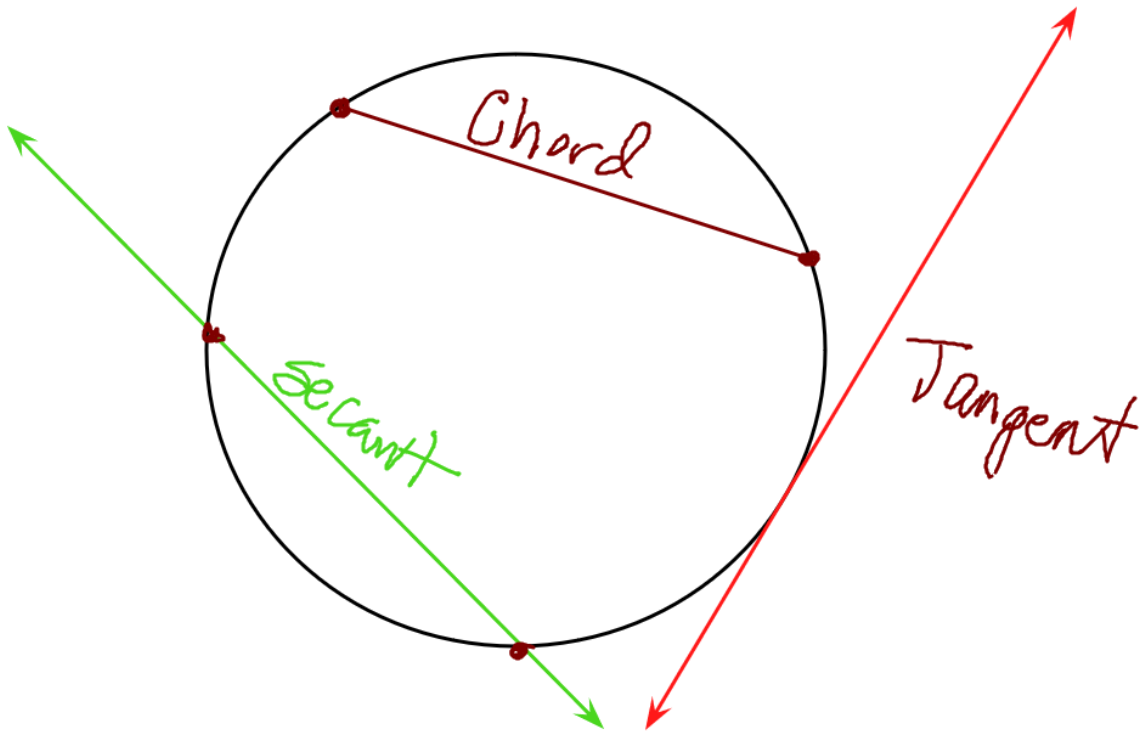
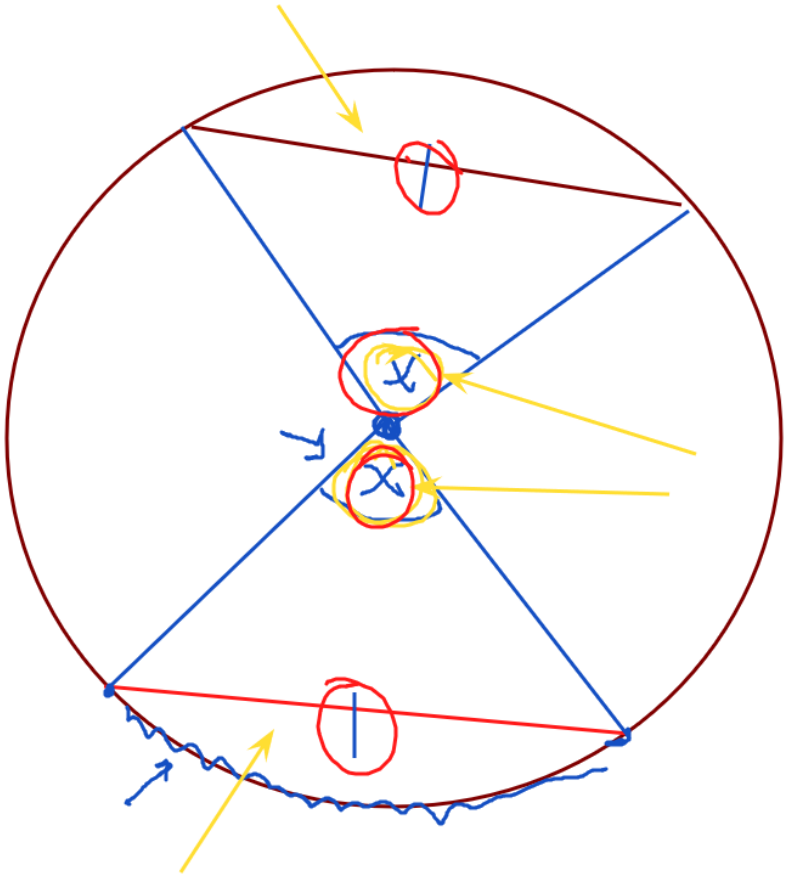
10.3 Chords (Not ~~that~~ kind!)



Theorem #3

CONVERSE!

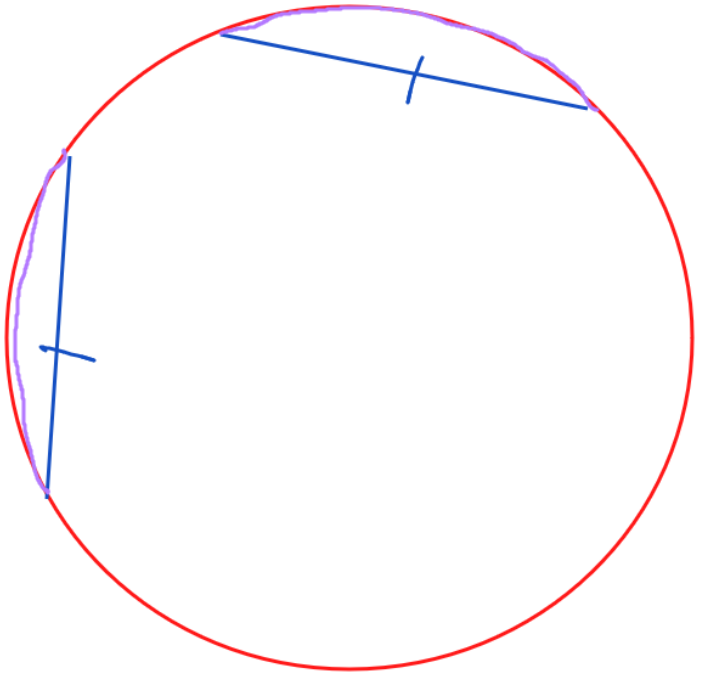
Angles & Chords



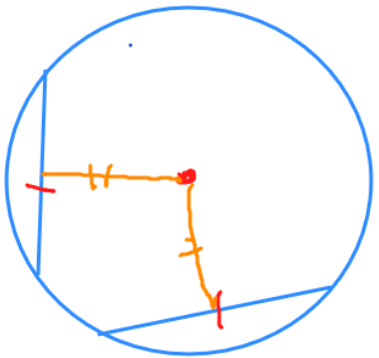
Theorem #4

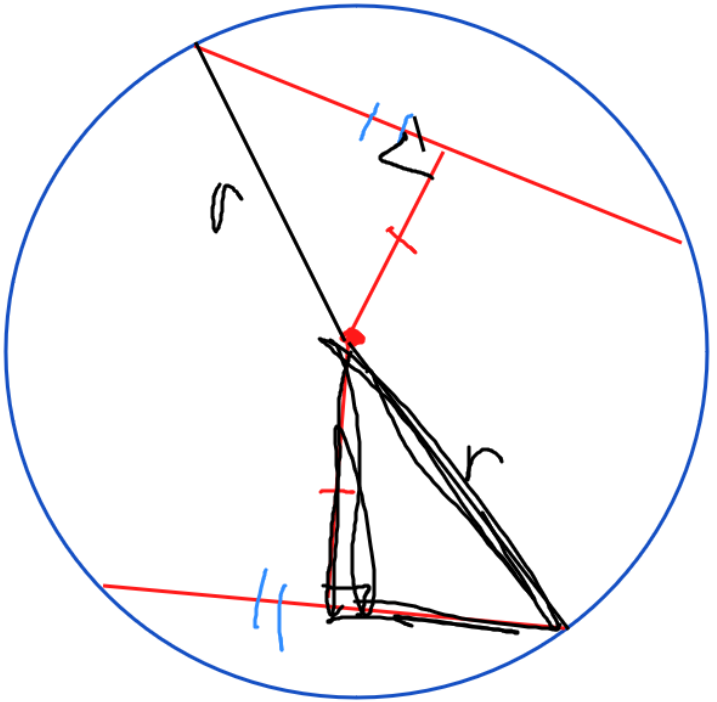
Converse

Arcs + Chords

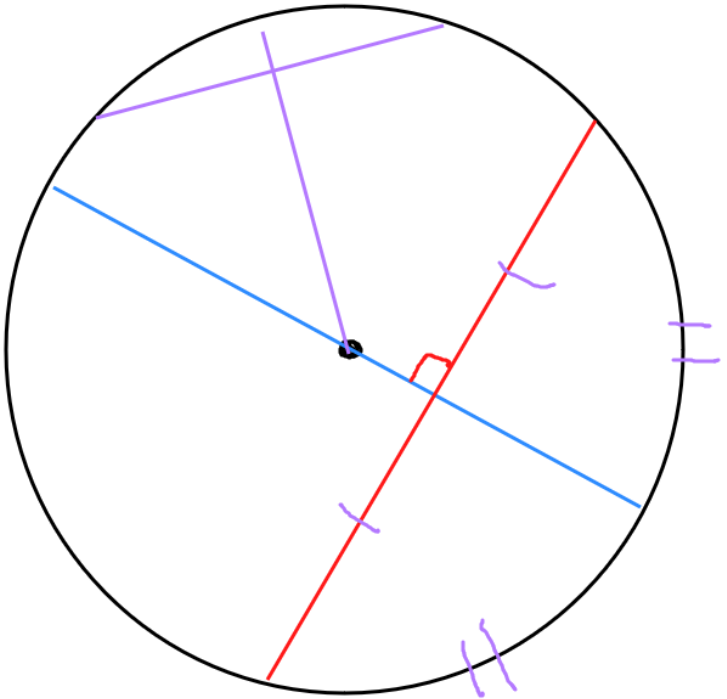


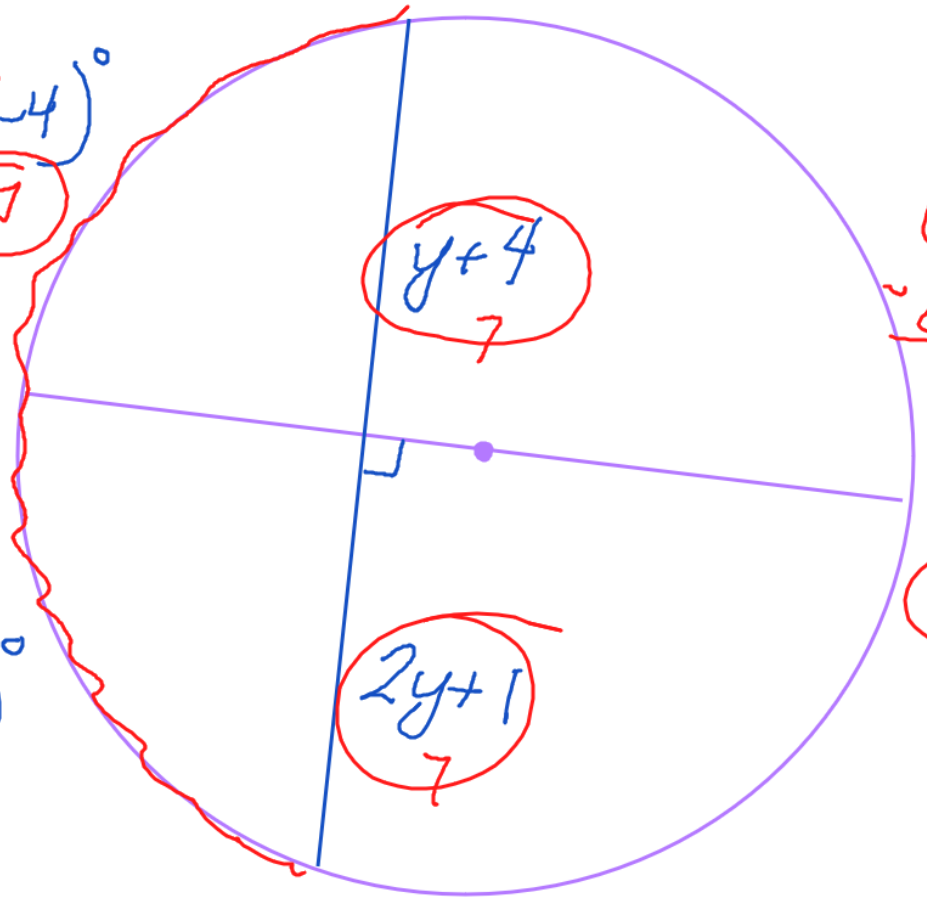
Theorem #5





Theorems 6/7





$3x-4=5x-18$

$+18 \quad +18$

$3x+14=5x$

$-3x \quad -3x$

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

$x=7$

$y+4=2y+1$

$-y \quad -y$

$4=y+1$

$-1 \quad -1$

$3=y$

p441 5-10

5. $DF = 4$

6. $m\overset{\frown}{ABC} = 86°$

7. $FH = 2$

8. $m\overset{\frown}{DE} = 43°$

9. $AC = 4$

10. $m\overset{\frown}{DF} = 86°$