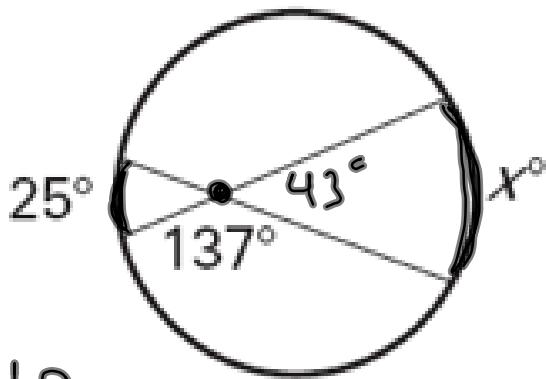


No Bellwork
03/27/2012

Review 10.5

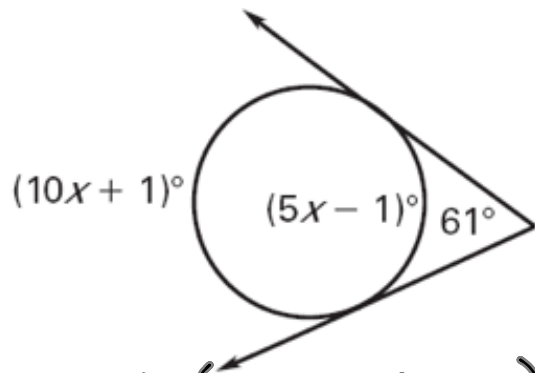


$$180 - 137 = 43^\circ$$

$$2 \cdot 43 = \frac{1}{2}(x + 25) \quad 2 \cdot 61 = \frac{1}{2}(5x + 2)$$

$$86 = x + 25$$

$$x = 61^\circ$$



$$61 = \frac{1}{2}(10x + 1 - (5x - 1))$$

$$61 = \frac{1}{2}(10x + 1 - 5x + 1)$$

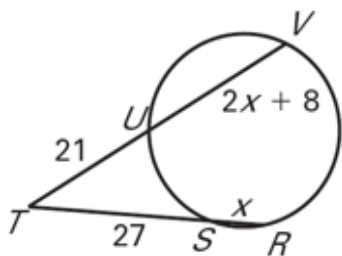
$$122 = 5x + 2$$

$$122 = 5x + 2$$

$$5x = 120$$

$$x = 24$$

Review 10.6



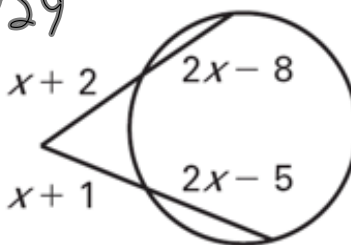
$$21(2x+8+21) = 27(x+27)$$

$$21(2x+29) = 27(x+27)$$

$$42x + 609 = 27x + 729$$

$$15x = 120$$

$$x = 8$$



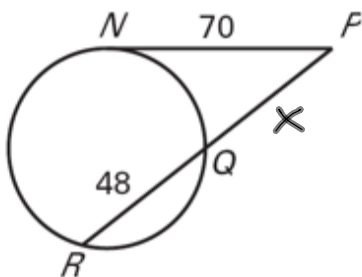
$$(x+2)(x+2+2x-8) =$$

$$(x+1)(x+1+2x-5)$$

$$(x+2)(3x-6) = (x+1)(3x-4)$$

$$3x^2 - 4x + 6x - 12 = 3x^2 - 4x + 3x - 4$$

$$3x^2 - 6x + 6x - 12$$



$$70^2 = x(x+48)$$

$$4900 = x^2 + 48x - 4900$$

$$0 = x^2 + 48x - 4900$$

$$0 = (x+98)(x-50)$$

$$x+98 = 0$$

$$x = -98$$

$$x-50 = 0$$

$$x = 50$$

$$3x^2 - 12 = 3x^2 - x - 4$$

$$-12 = -x - 4$$

$$+4$$

$$+x = \frac{-8}{-1}$$

$$x = 8$$

Homework Assignment

Pg. 712 #1-19 All