

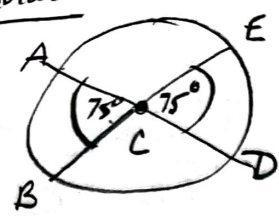
11. AC  
13. ACE

12. ACD  
14. BFC

( ~~510~~ )

Tell whether the

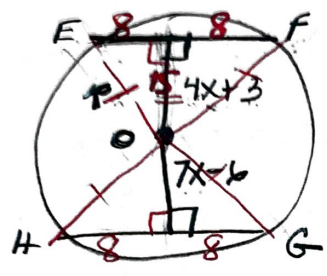
HW 10.3 Review  
#3



$$m\widehat{AB} = m\angle ACB$$

$$m\widehat{AB} = 75^\circ$$

#15

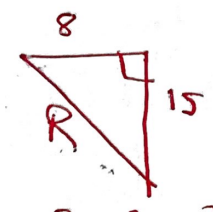


$$4x+3 = 7x-6$$

$$-3x+3 = -6$$

$$-3x = -9$$

$$x = 3$$



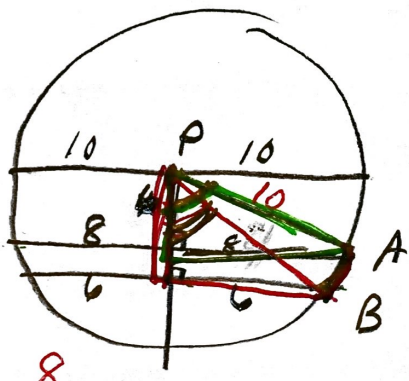
$$R^2 = 8^2 + 15^2$$

$$R^2 = 64 + 225$$

$$R^2 = 289$$

$$R = 17$$

#21



$$x^2 + 8^2 = 10^2$$

$$x^2 = 36$$

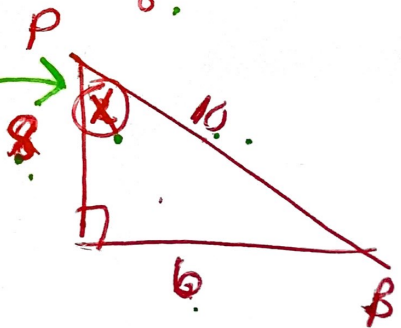
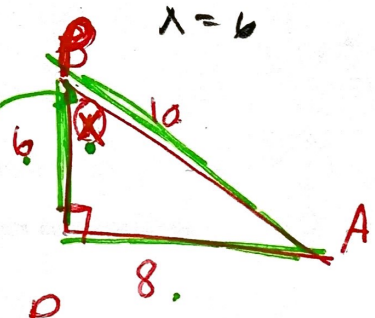
$$x = 6$$

$$\sin x = \frac{8}{10}$$

$$\sin^{-1}\left(\frac{8}{10}\right) = 53.13^\circ$$

$$\sin x = \left(\frac{6}{10}\right)$$

$$\sin^{-1}\left(\frac{6}{10}\right) = 36.87^\circ$$



$$x^2 + 6^2 = 10^2$$

$$x^2 = 64$$

$$x = 8$$

16.26