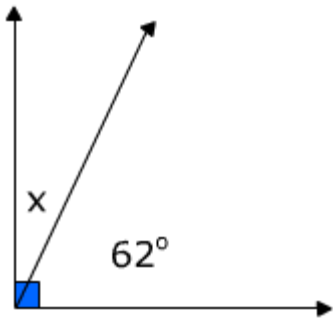


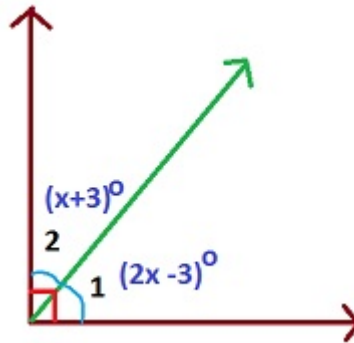
Use an equation to find the value of x.

1)



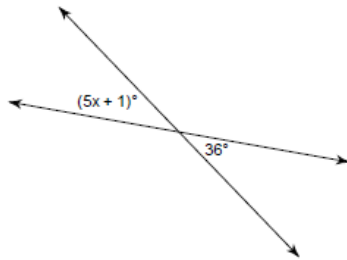
x= _____

2)



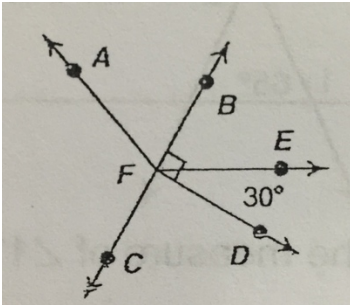
x= _____

3)



x= _____

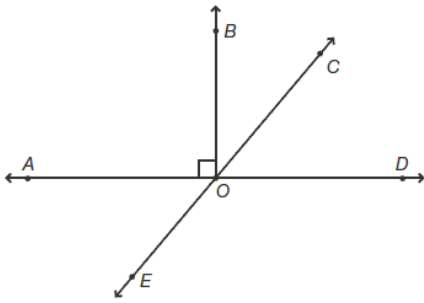
Find the indicated missing angles. Show your work.



4) $m\angle DFC$ _____

5) $m\angle EFB$ _____

Identify all angle relationships shown below.

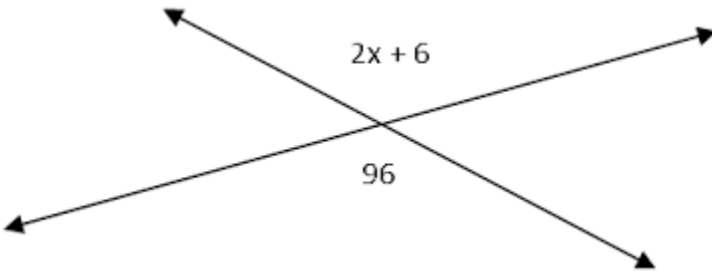


6) Find a pair of complementary angles _____

7) Find two pairs of supplementary angles _____

8) Find a pair of vertical angles _____

9) In the picture below, find the value of x.



10) Identify the error and then solve the problem correctly. Show your work.

$$-\frac{1}{2}(4x - 16) = 16$$

$$2x + 8 = 16$$

$$2x = 8$$

$$x = 4$$