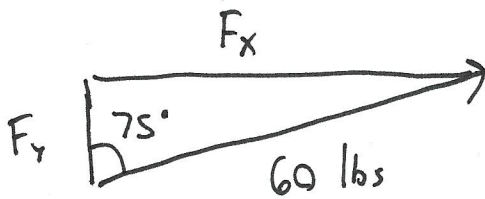
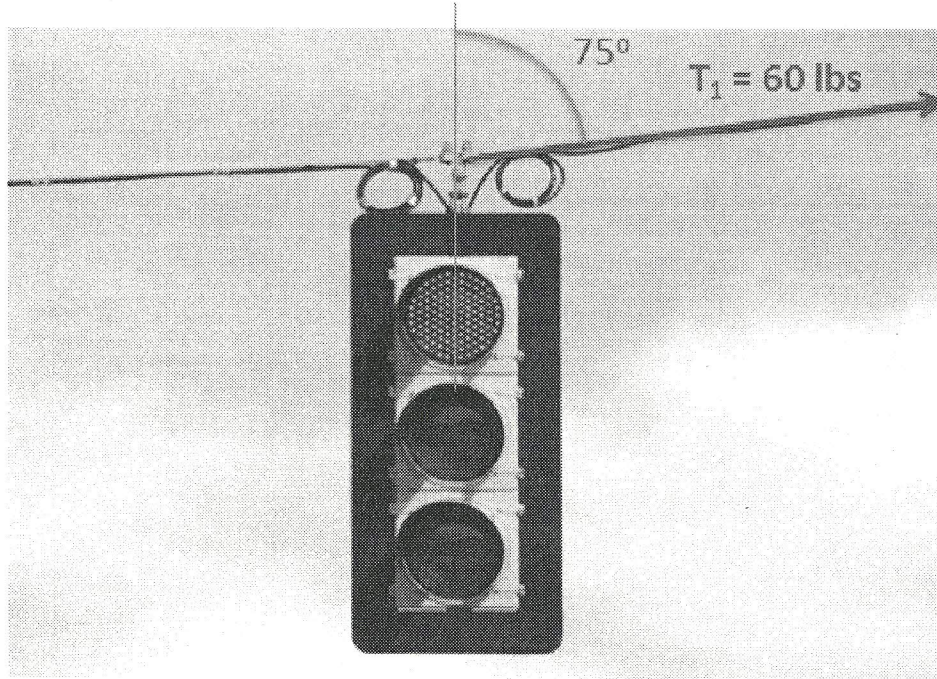


Question 2:

Determine the x and y components of the vector shown below.



$$F_x = 60 \sin(75) = 58.0 \text{ lbs}$$

$$F_y = 60 \cos(75) = 15.5 \text{ lbs}$$

$$F = [58.0, 15.5] \text{ lbs}$$