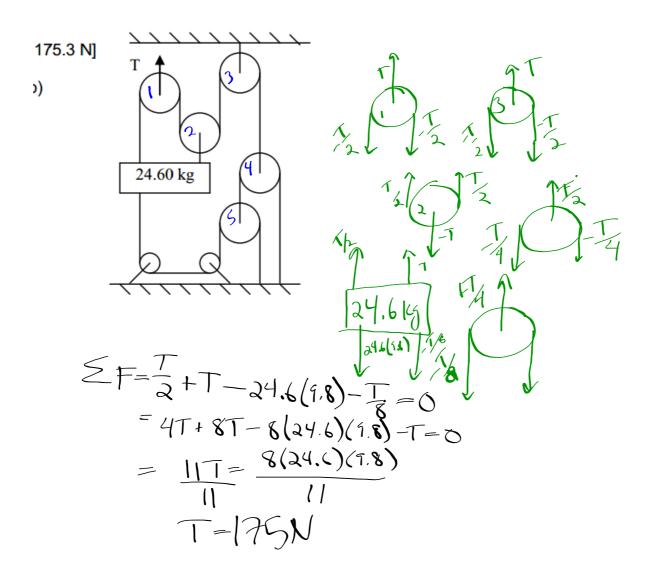
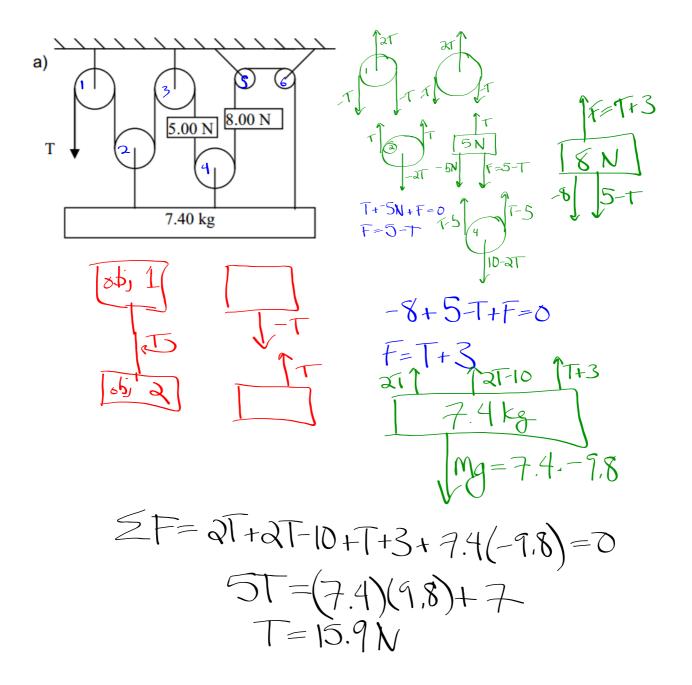
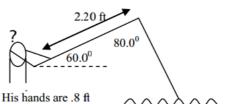
b)
$$\frac{T_1}{57}$$
 (80.0) $\frac{T_2}{120^9}$ (80.0



c)
$$\frac{76.0 \text{ N}}{31.0^{9}} = \frac{76 \text{ sin } 31 + \text{F sin } 0}{1 + \text{F sin } 0 + 85 = 0} = \frac{85 \text{ N}}{1 + \text{F sin } 0} = \frac{$$



11. Cole LaDrinque snags a big one, which exerts a 30.0 pound tension in his line. What force must he apply with the upper hand to support his 25.0-lb, 3.00-ft long pole as well as the fish? (Cole holds the pole at 60.0 degrees to the horizontal). [F = 134 lb]



His hands are .8 ft apart, one being at the end of the pole.

Assume the force from his hand is

