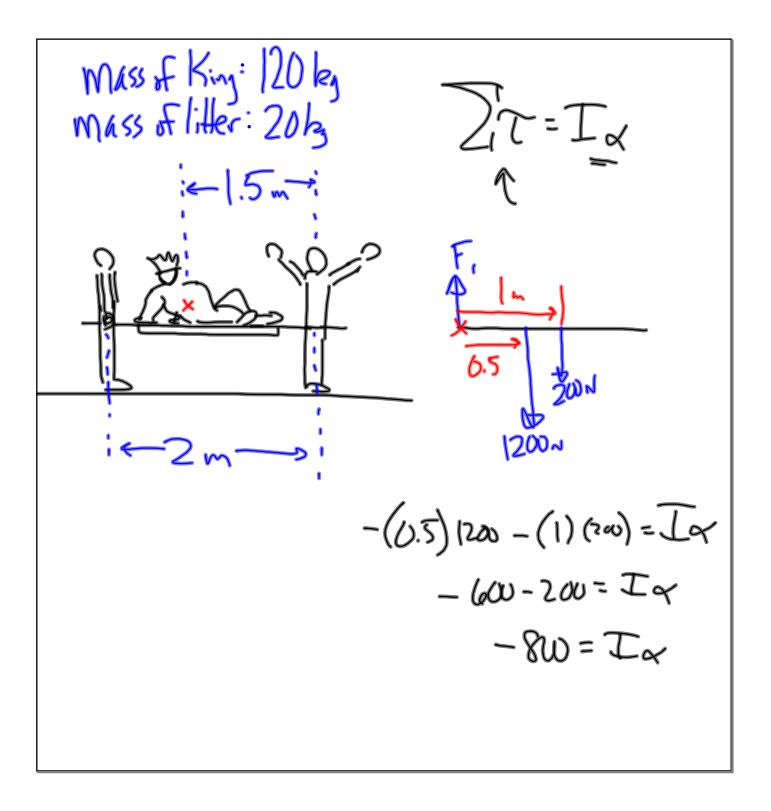
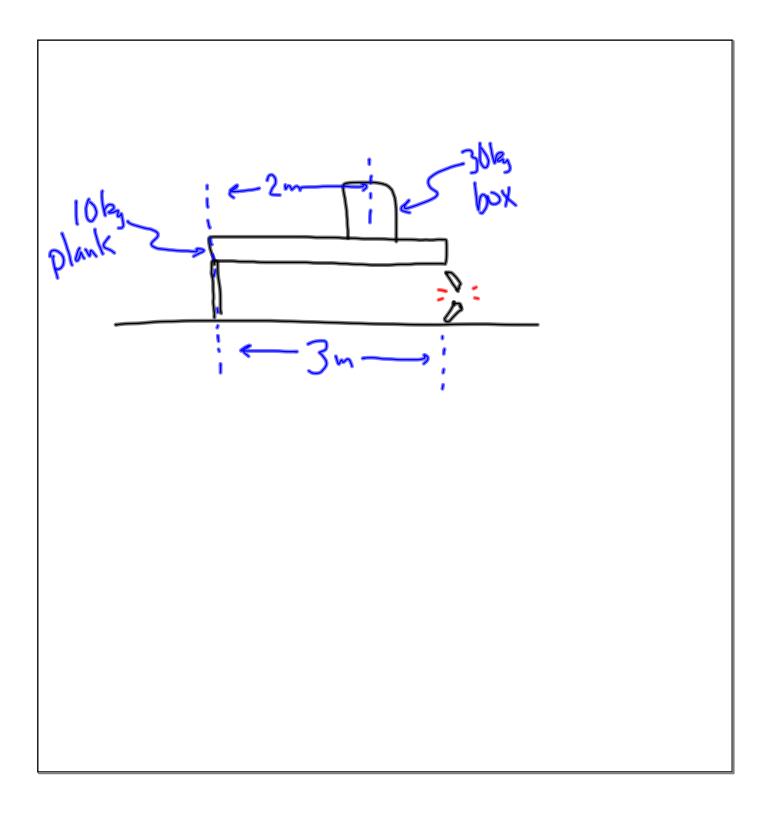
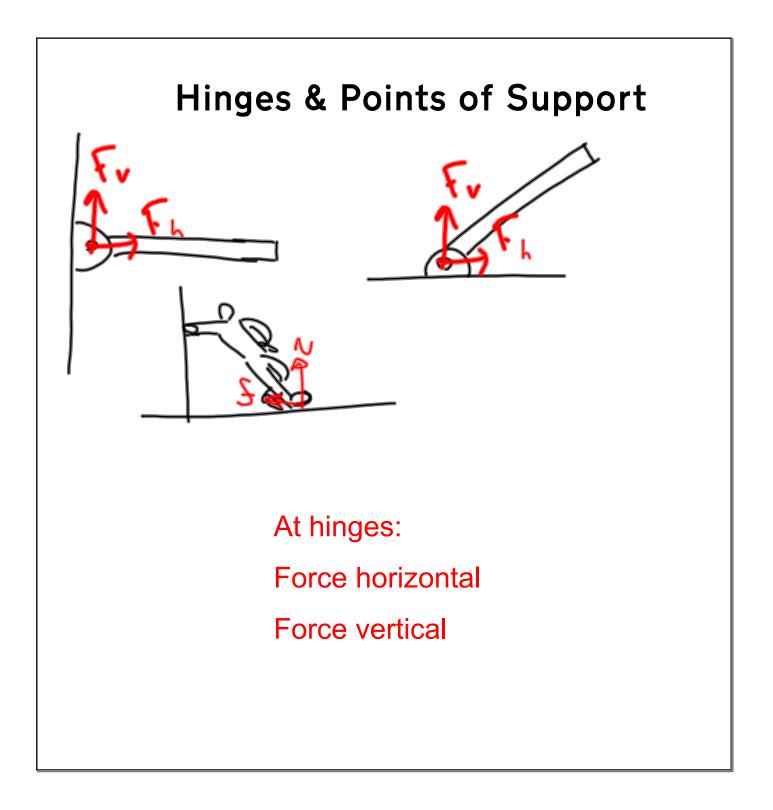
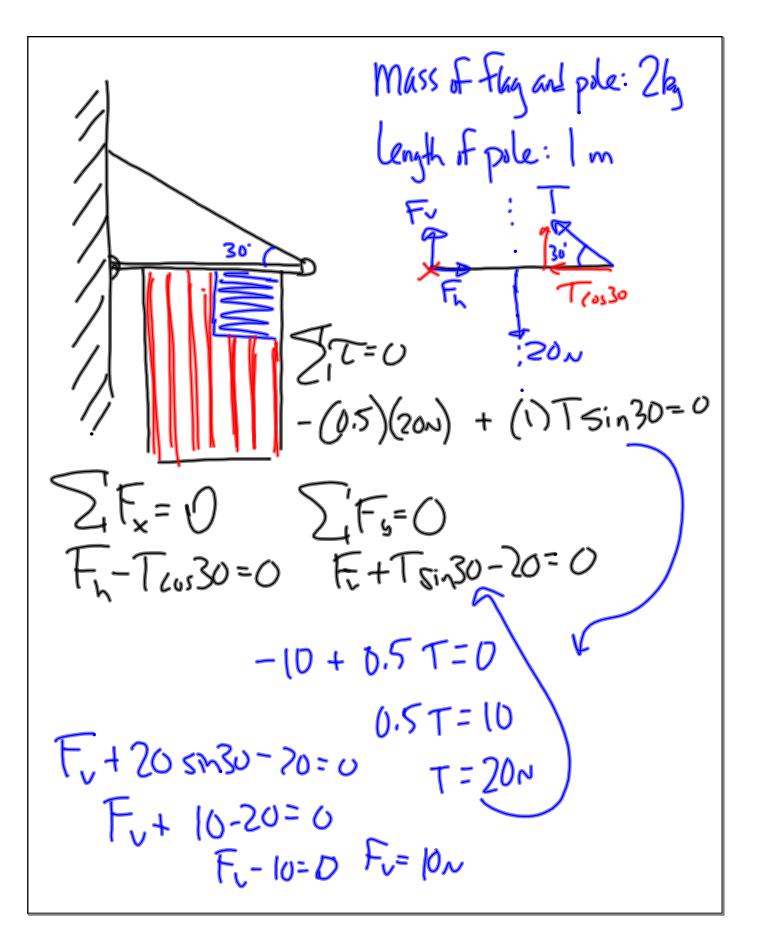


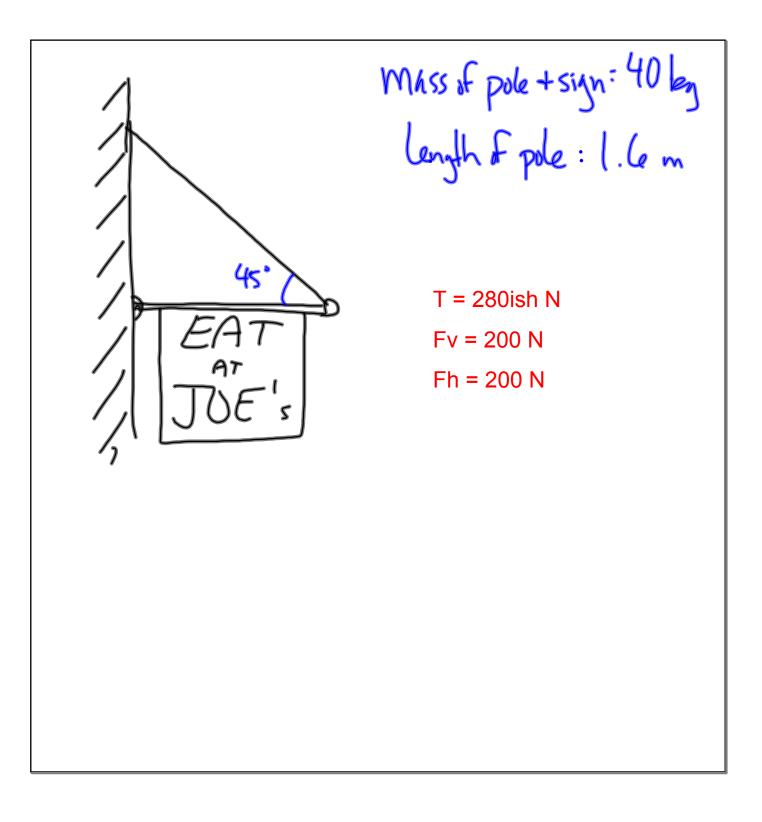
$$\begin{array}{c} \text{Mass of King: } & 20 \text{ kg} & \text{G} = 10 \text{ mpc} \\ \text{Mass of littler: } & 20 \text{ Js} & (0.5) 1200 - (1) 200 + 2F_2 = 0 \\ & (0.5) 1200 - (1) 200 + 2F_2 = 0 \\ & (1.5 \text{ m}^{-1}) & \text{Js} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} & \text{Js} \\ & 1.5 \text{ m}^{-1} & \text{Js} \\ & 1$$

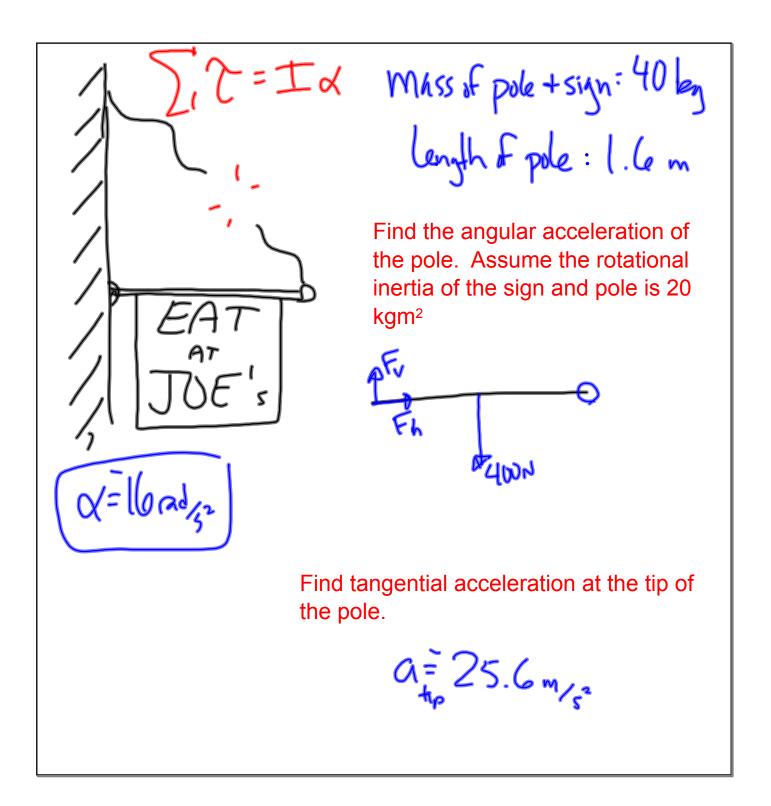


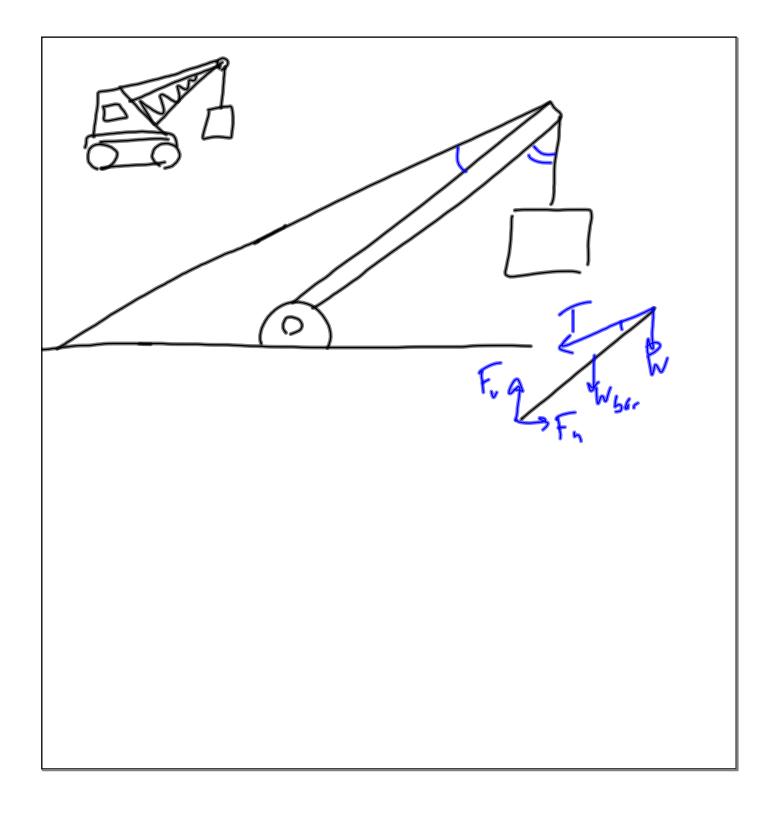


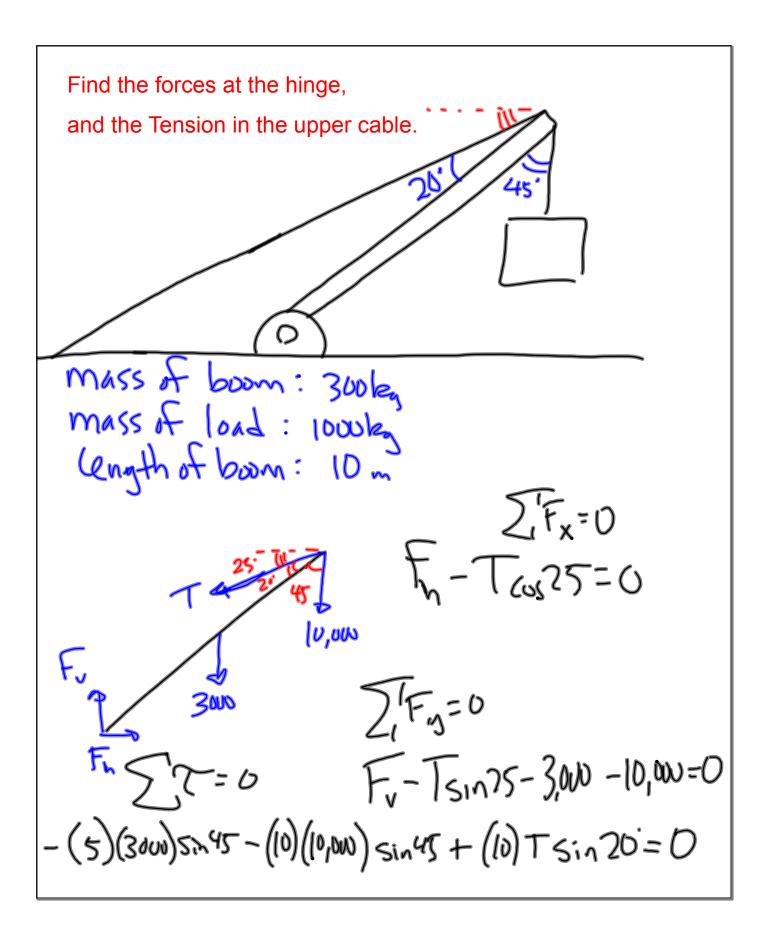


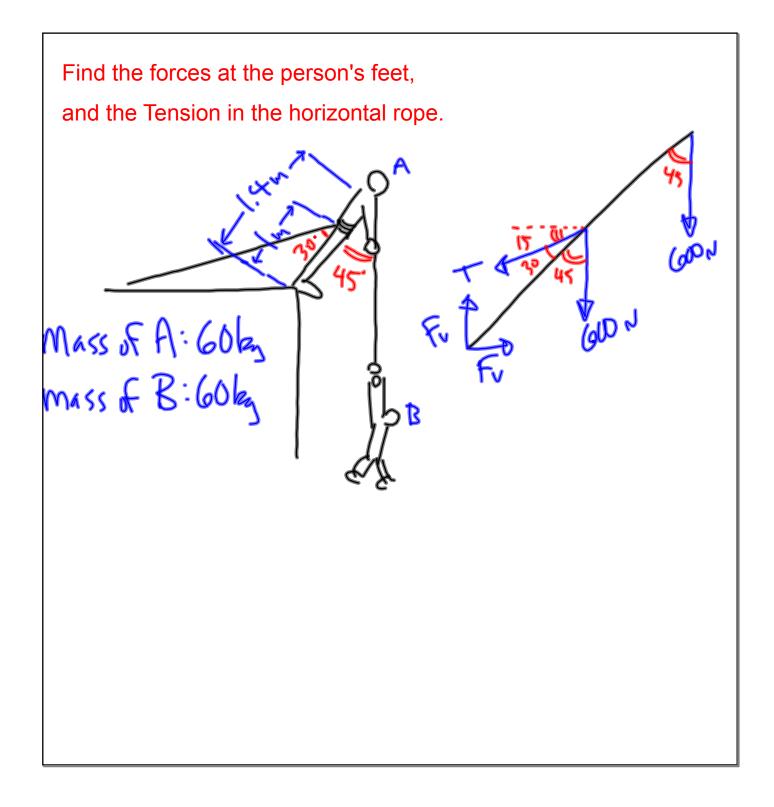


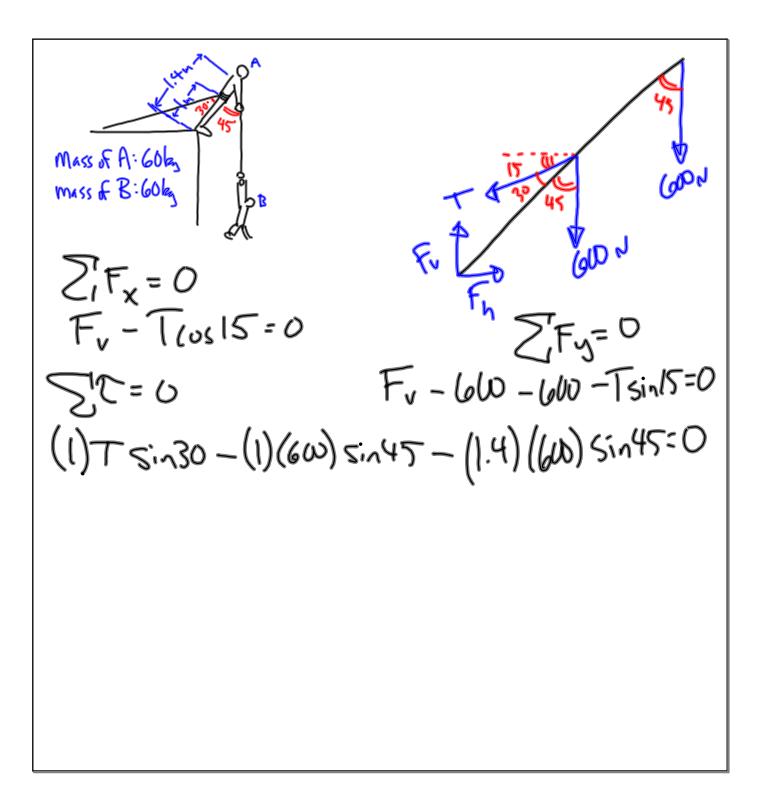


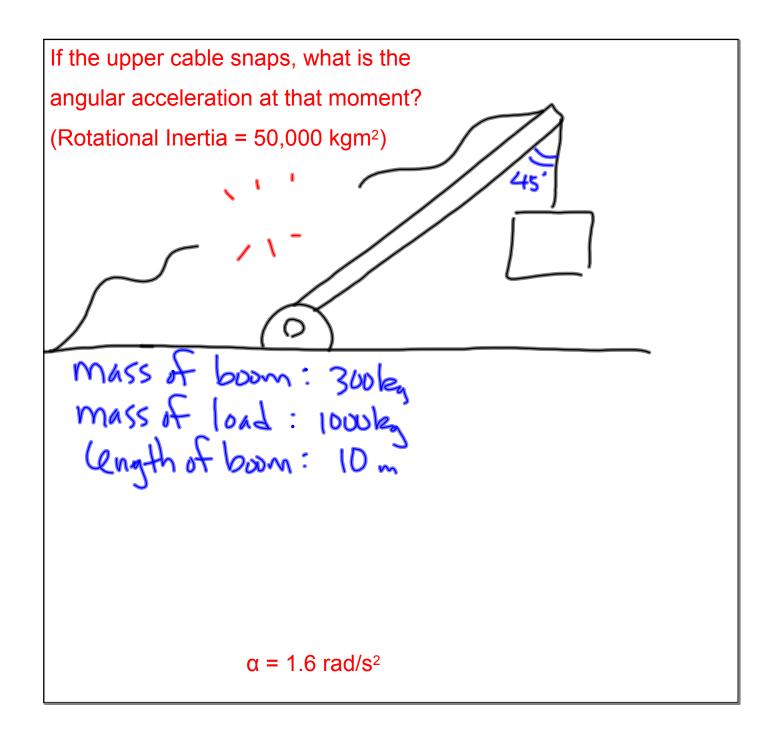


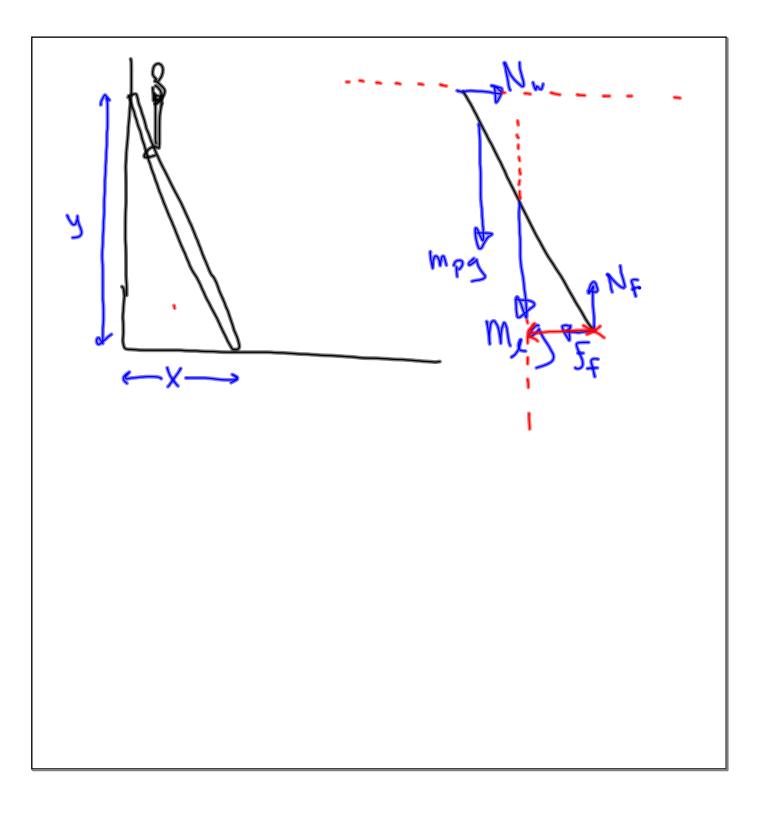












Assume there's no friction between the ladder and wall. mass of person: 75 kg mass of ladder: 10 kg (← |,5 → | $\mathcal{F}^{t} - \mathcal{N}^{M} = \mathcal{O}$ $N_{f} - 100 - 750 = 0$ - $(0.75)(wu) - (1)(750) + (6)N_{w} = 0$