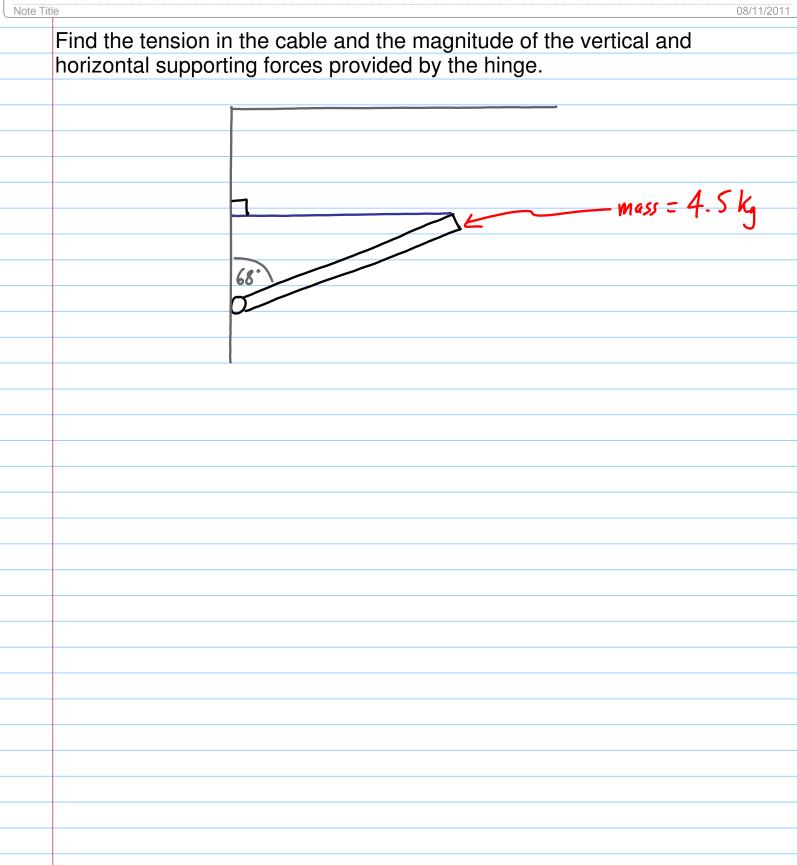
Quiz 4b



d In . . C. T_ Tc = Tcc Fg1 (= d) = T1 d $\frac{1}{2}F_{1} = T_{1}$ 68 $F_{g1} = F_{g} \cos 22^{\circ}$ $T_1 = T \cos 68^{\circ}$ = mg cos 22° ź mg cos 22° = T cos 68° = 54.6N Fx = T = 54.6N fy $F_{\gamma} = F_{\gamma} = mg = (4.5 kg)(9.8 m/s^2)$ = 44.1N