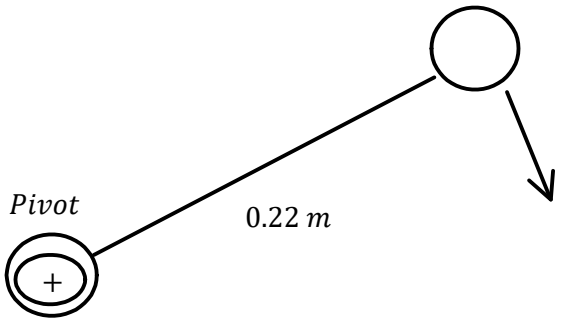
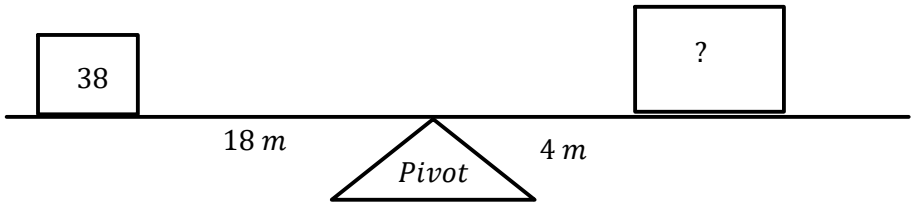
P12 - 4.1 - Torque Equilibrium HMK

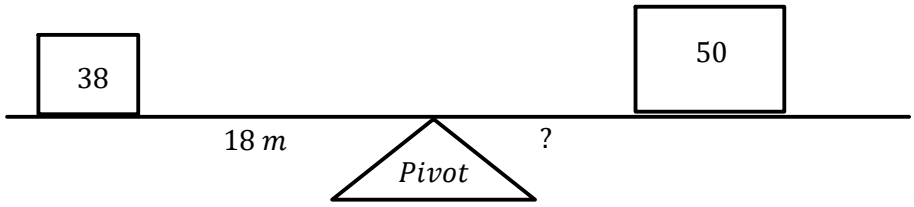
How much Torque can a 100 *N force do on a* 0.15 *m wrench?*



Find the mass so the system is in equilibrium?

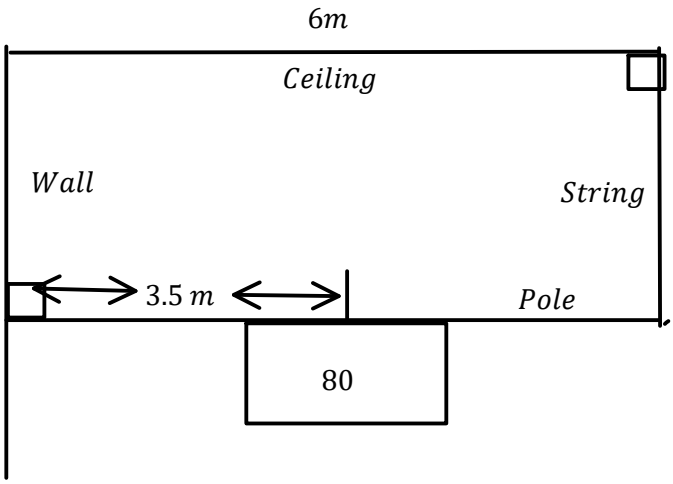


Find the distance so the system is an equilibrium?



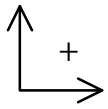
P12 - 4.1 - Torque Equilibrium HMK

Find the Tension in the string. Ignore the mass of the pole.

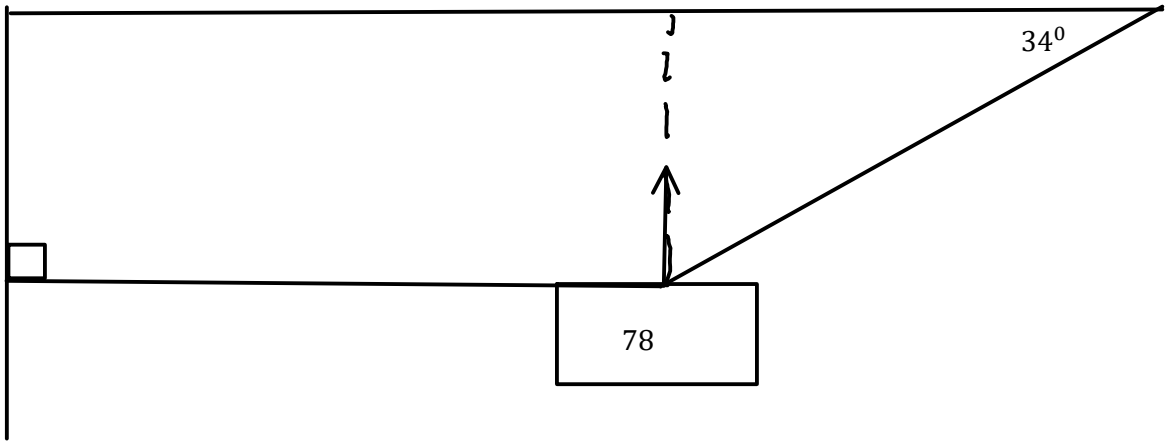


What is the force on the wall by the pole?

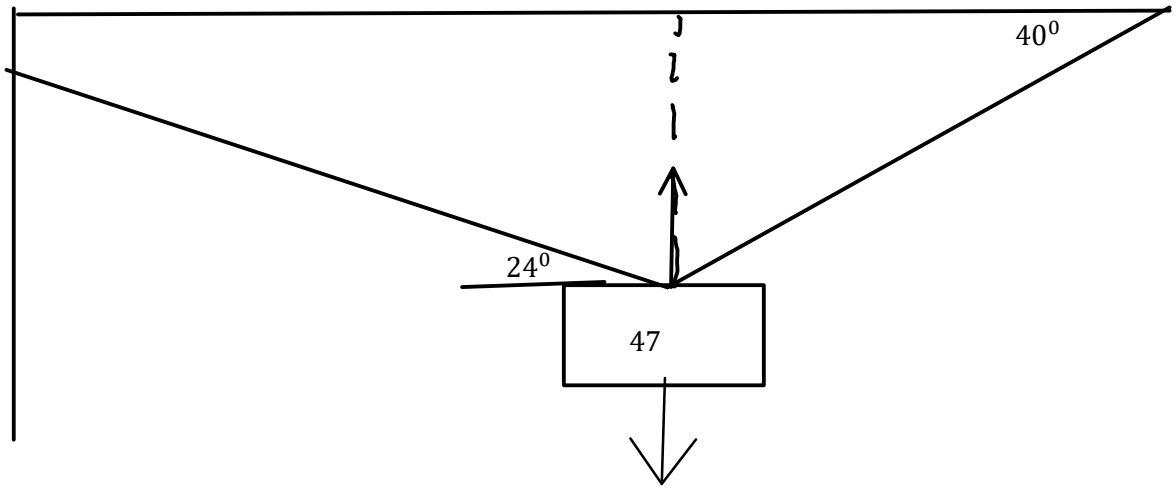
P12 - 4.2 - Trig Torque HMK



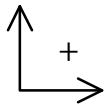
Find the Tension in each string.



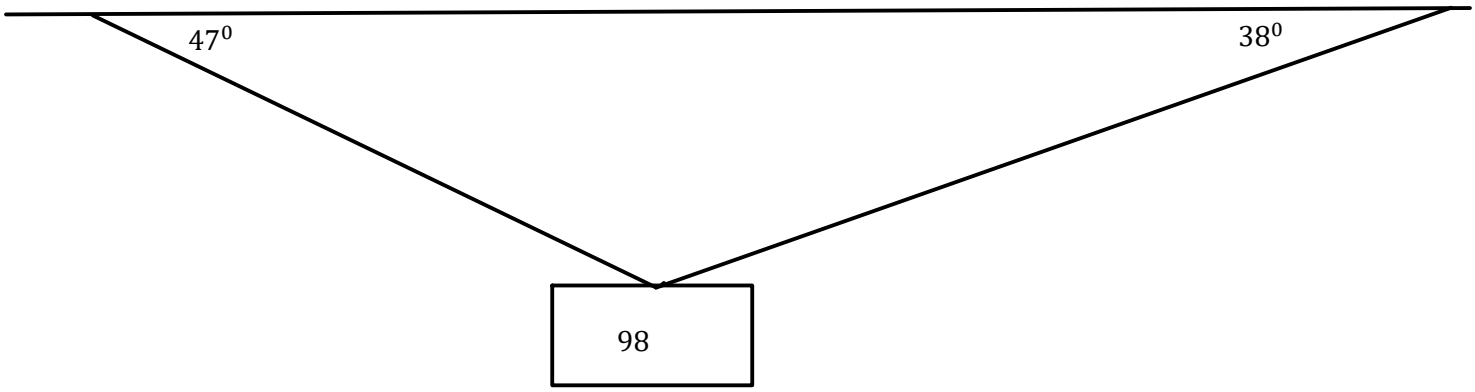
Find the Tension in each string.



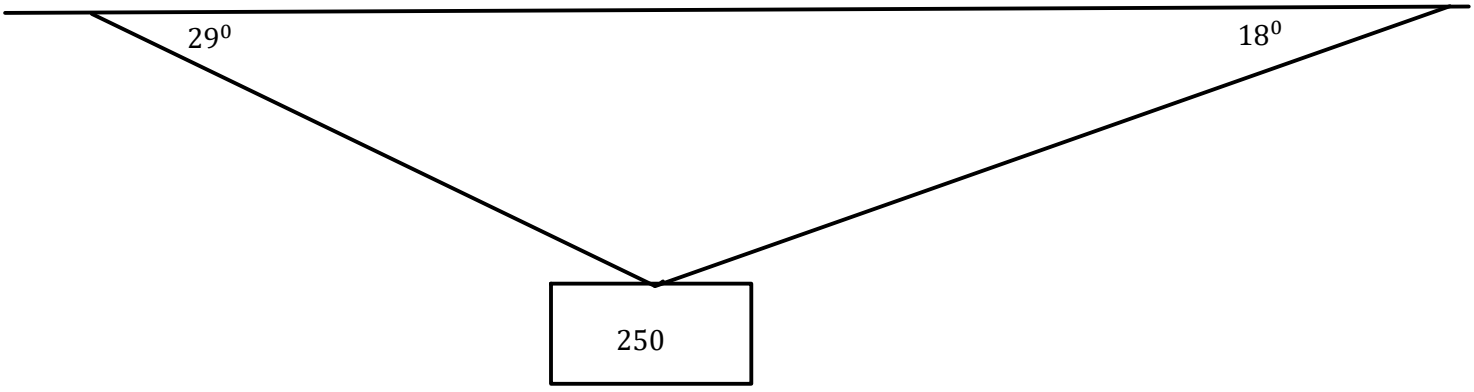
P12 - 4.2 - Trig Torque HMK



Find the Tension in each string.

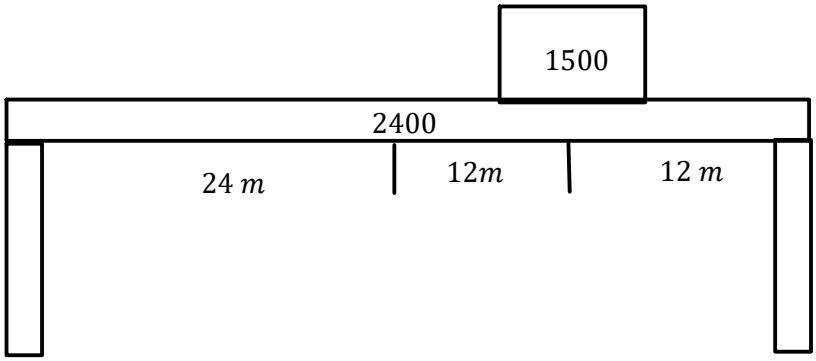


Find the Tension in each string.



P12 - 4.3 - Torque Force HMK

A 1500 *kg tower is suspended on* 2400 *kg bridge. Find the Force on each Pillar.*



A 2200 *kg truck is suspended on* 7400 *kg bridge. Find the Force on each Pillar.*