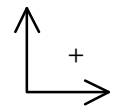
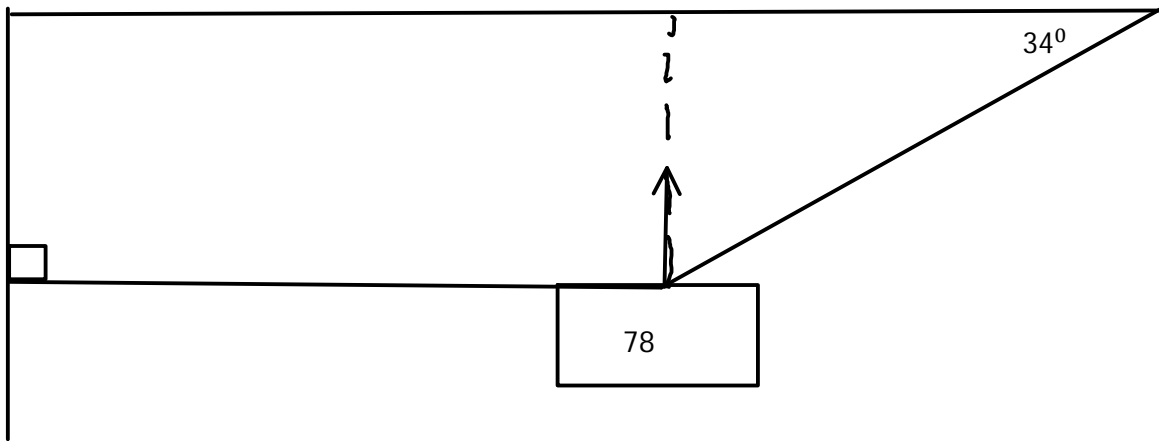


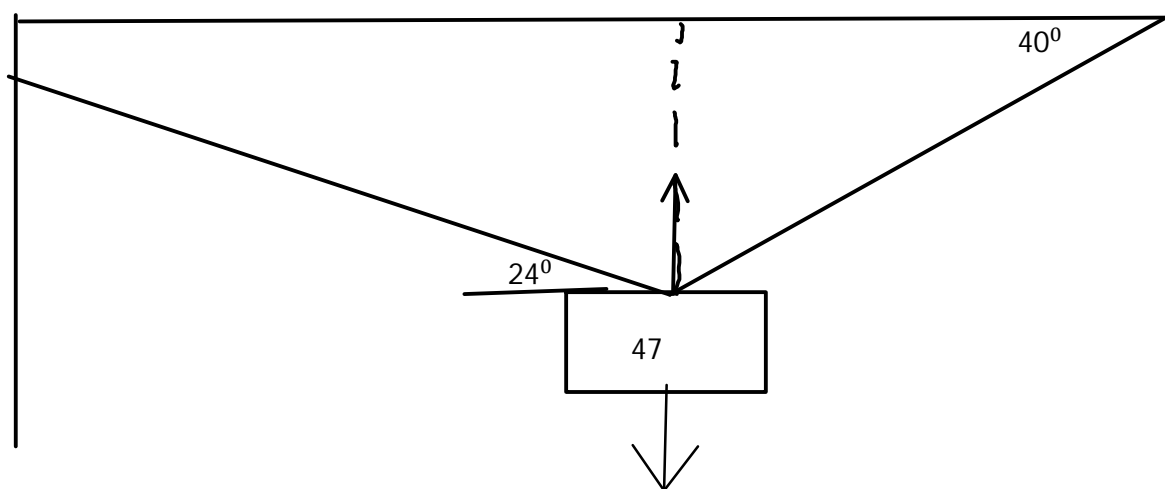
# P12 - 4.1 - Equilibrium HMK



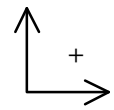
*Find the Tension in each string.*



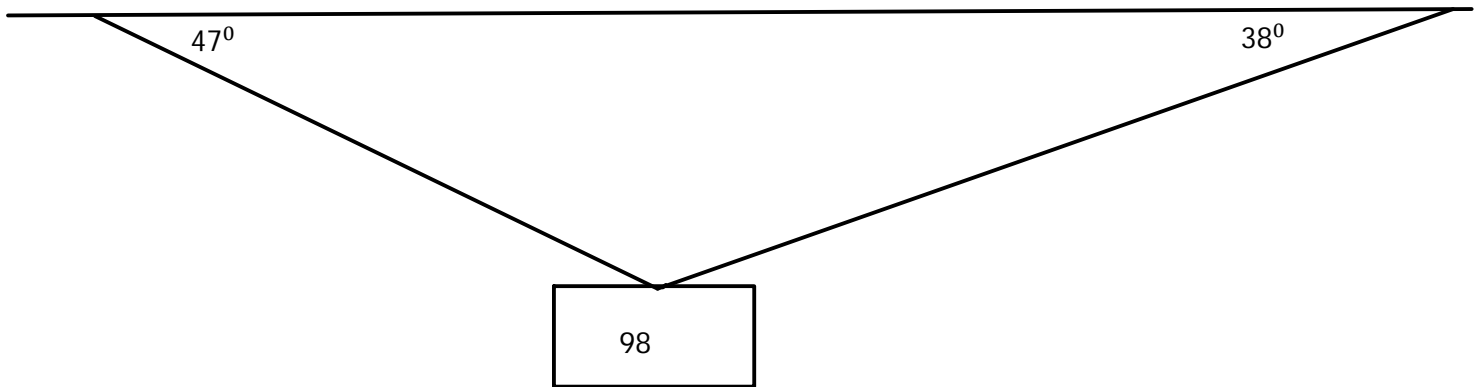
*Find the Tension in each string.*



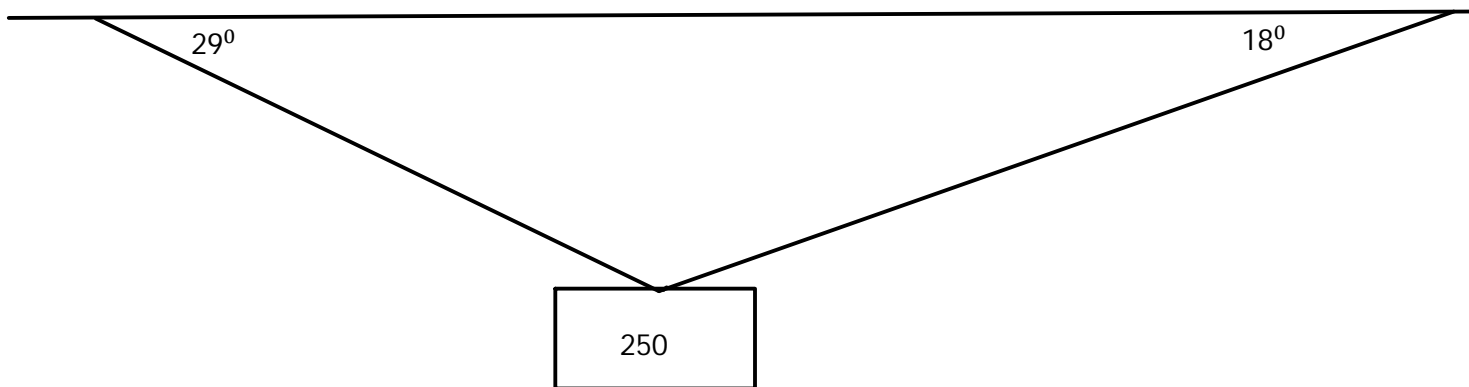
## P12 - 4.1 - Equilibrium HMK



*Find the Tension in each string.*

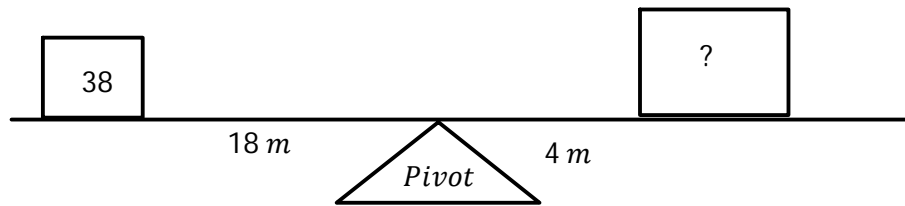


*Find the Tension in each string.*

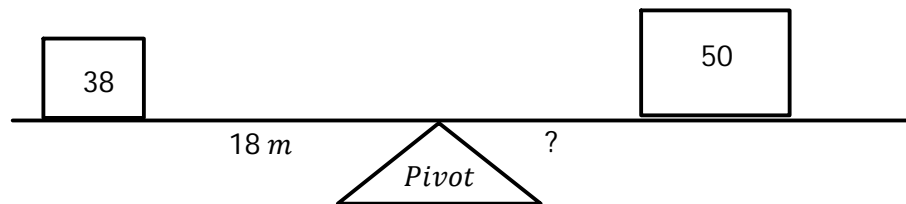


## P12 - 4.2 - Torque Teeter Wrench HMK

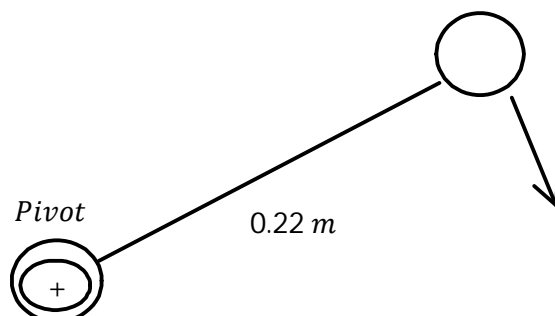
Find the mass so the system is in equilibrium?



Find the distance so the system is an equilibrium?



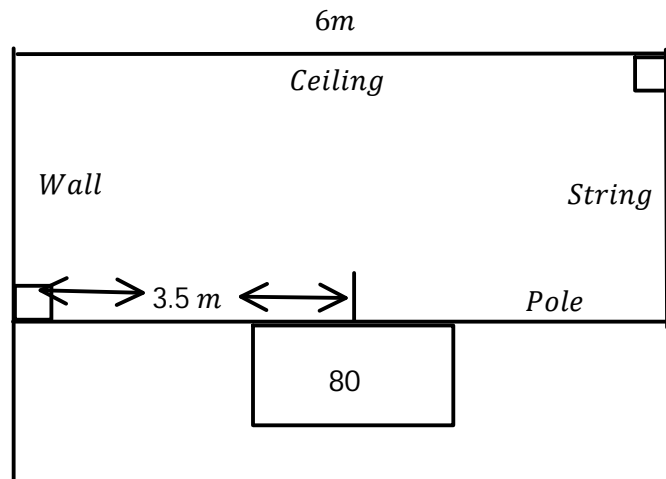
How much Torque can a  $100\text{ N}$  force do on a  $0.15\text{ m}$  wrench?



## P12 - 4.2 - Torque Tension HMK

*You choose the location of the Pivot*

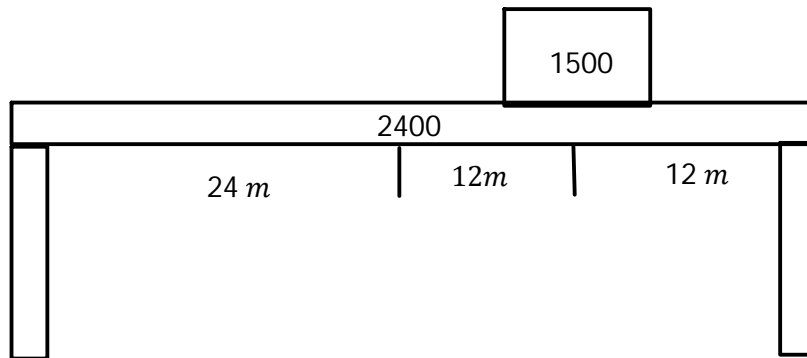
*Find the Tension in the string. Ignore the mass of the pole.*



*What is the force on the wall by the pole?*

## P12 - 4.2 - Torque 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.*

