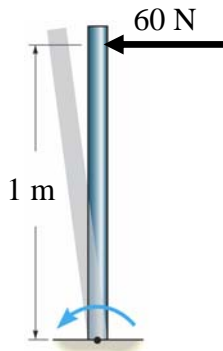
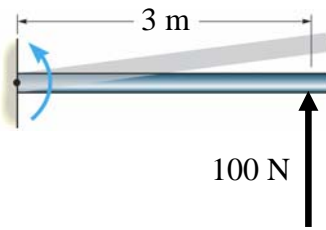


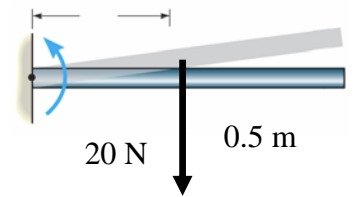
1. Calculate the torque on each:



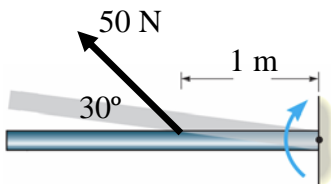
[+60 Nm]



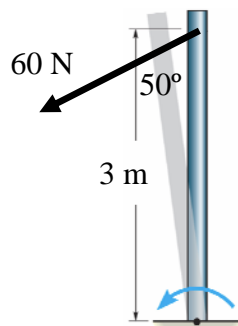
[+300 Nm]



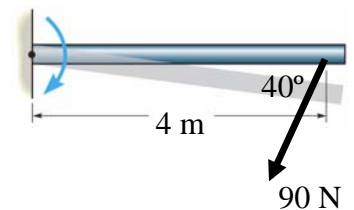
[+10 Nm]



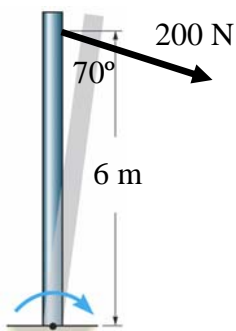
[-25 Nm]



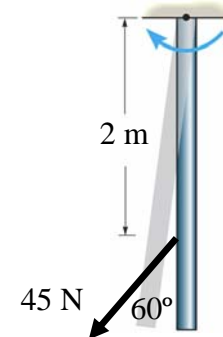
[+138 Nm]



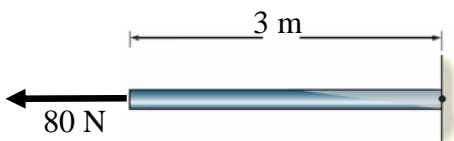
[-231 Nm]



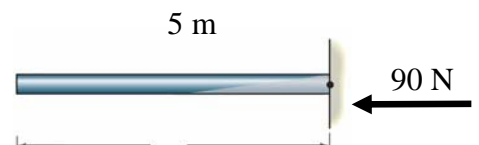
[-1128 Nm]



[-78 Nm]



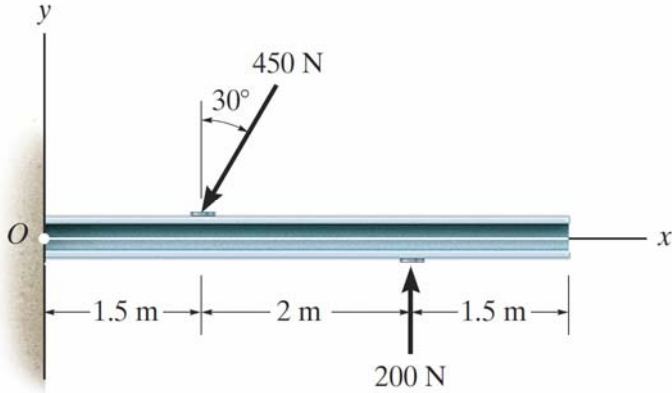
[0 Nm]



[0 Nm]

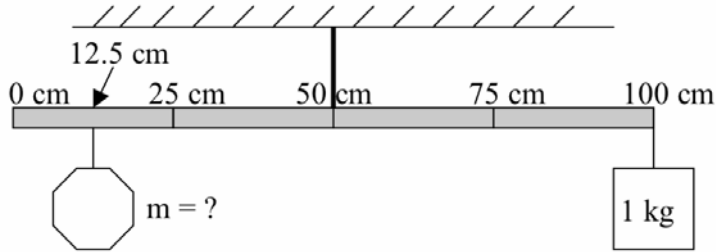
Multiple Forces (Torques)

2. What is the total (Net) torque around O ?



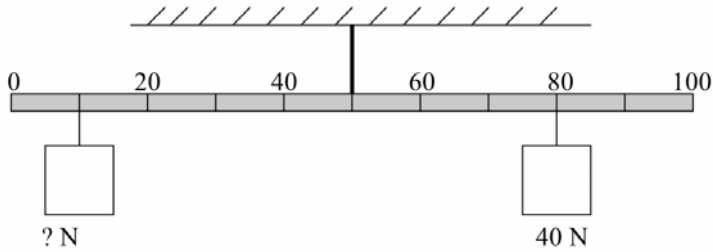
[+115 NM]

3. What must m be so it balances?



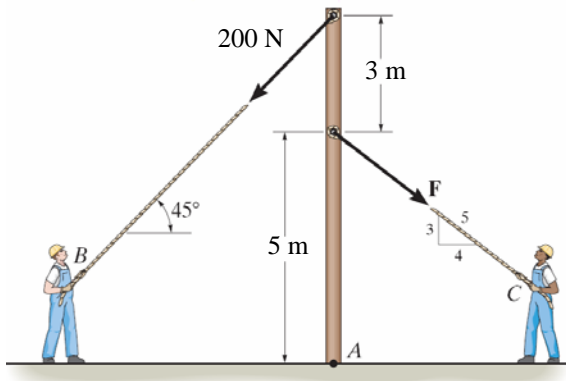
[1.3 kg]

4. What must be the weight on the left so it balances?



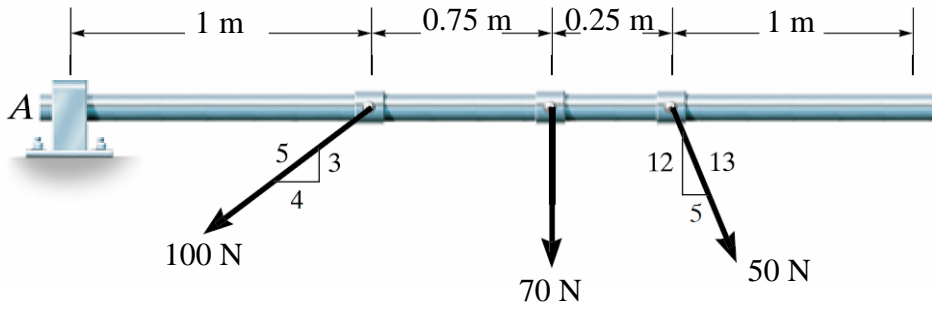
[30 N]

5. The two torques cancel...What must F be?



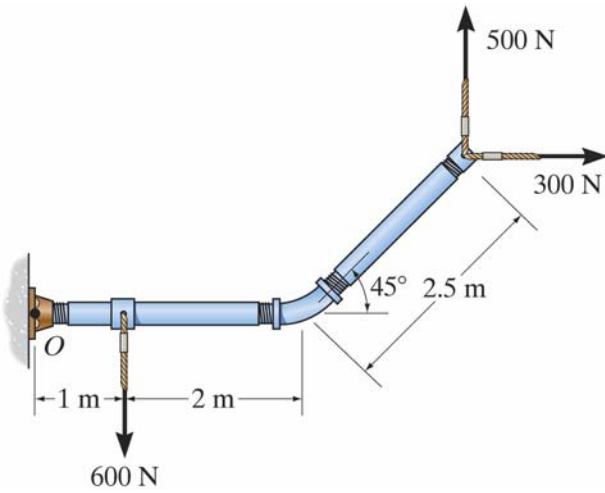
[283 N]

6. What is the net torque around point A?



[-295 Nm]

7. What must be the net torque around point O?



[+1250 Nm]