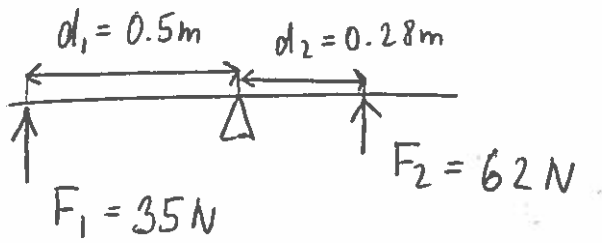


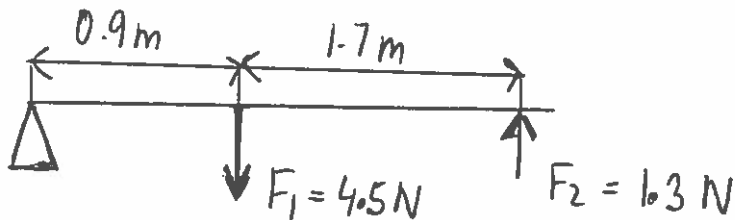
Find the sum of the Torques ( $\sum \vec{\tau}$ ) in 1-3

- recall CW is "-", CCW is "+"

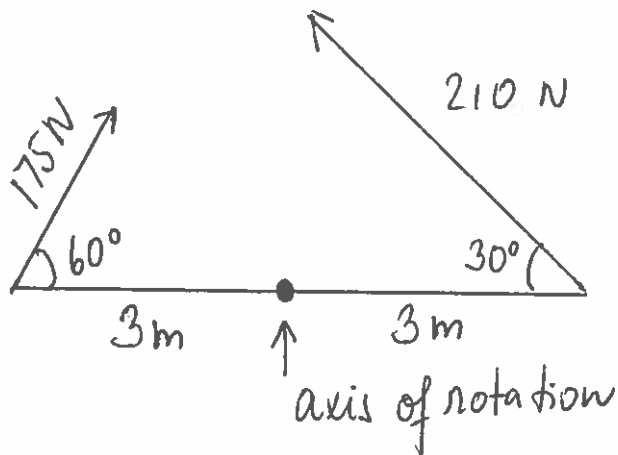
1.



2.

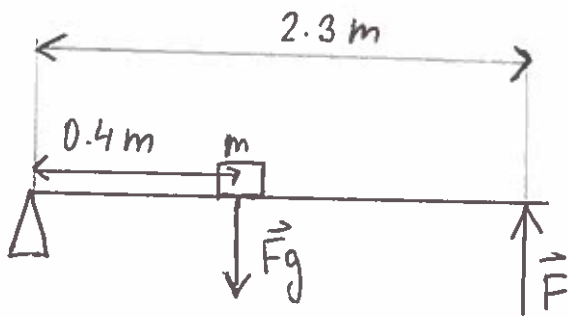


3.



4. Find the magnitude of Force needed to maintain rotational equilibrium:

a)  $m = 175 \text{ kg}$



b)  $m = 50 \text{ kg}$ ,  $\vec{F}$  is applied  $1.2 \text{ m}$  from the mass.

