

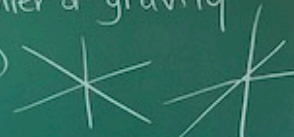
LAB 3: Torques!

(PLO)

- each person does a drawing
- use long strings over pulleys
- DO NOT tie knots in strings!
- all masses MUST BE $\geq 100g$
- mark forces $\vec{F}_1, \vec{F}_2, \vec{F}_3$, directions, mass (g), "down"

Center of gravity

(OK)



(X)

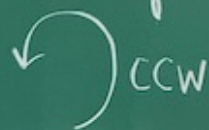


TABLE (Q#17) Do a FULL set of sample calcs
(i.e. show all work for 1 complete row plus $\Sigma \tau$ calcs)

★ Show equations, numbers, steps/calcs, answer, rounding+units

NOTE: if $\Sigma \tau \neq 0$ (within a few%) check d_{\perp} , signs, etc

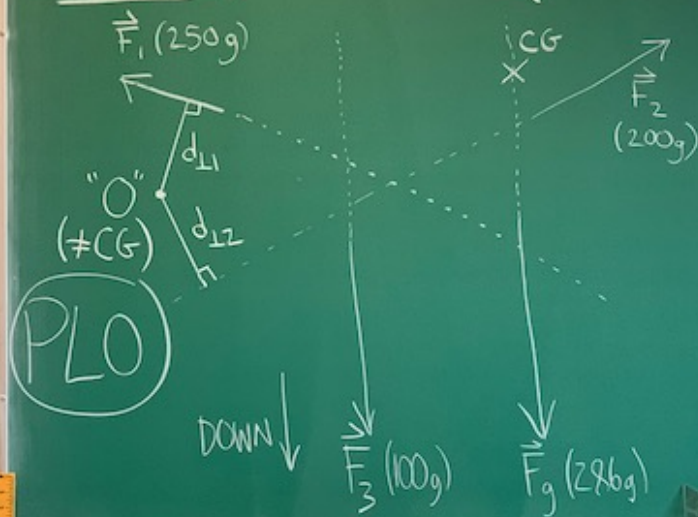
NOTE: "+" torque



"-" torque



Drawing: use T square, Δ , ruler; NO freehand!



- draw/measure carefully
- choose "O" inside object but at least 1 cm from lines of force
- label fully/clearly
- use sharp pencil