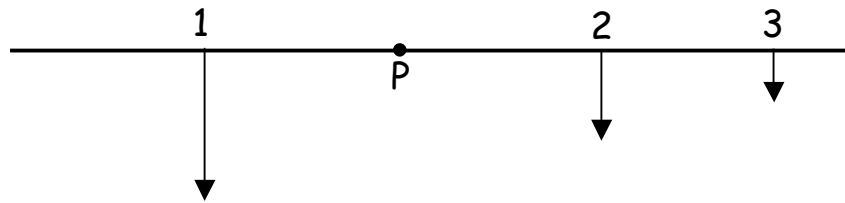


Label the direction of each force, and draw and label all lever arms:



Pivot Point is at the _____ cm mark.

hanging object	F_{\perp} (n)	position (cm)	r (cm)	T (n·cm)	cw or ccw
1	2.0				
2	1.0				
3	0.5				

$\Sigma T_{cw} =$ _____

$\Sigma T_{ccw} =$ _____

CONCLUSIONS:

Within bounds of experimental error, how do the total clockwise and counterclockwise torques compare?

The meter stick is in a state of _____.

When an object is in this state, does it have to be at rest? _____ Explain.

Why was the weight of the meter stick not considered when you were calculating torques?