

Name: \_\_\_\_\_

## Lab #11: Torque and Center of Gravity

## Pre-Lab

(Due at the beginning of the lab period.)

- 1) Define *torque* in equation form, and then draw a diagram that shows the quantities found in your definition. Label your diagram clearly.
- 2) If an object is in *equilibrium*, (a) can it be moving, (b) what is the sum of the forces on the object, and (c) what is the sum of the torques acting on the object?