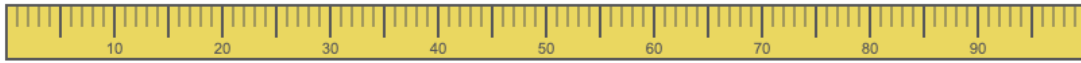# Finding Mass of Meter Stick using Torque

Step 1: Draw in the location of your known mass and the support clamp. Put an X on the center of mass for the meter stick and then write down the radii for both the known mass and the center of mass of the meter stick.

Step 2: Show your calculation of the torque for the side of the meterstick where everything is known.

Step 3: Neatly present your calculation of the mass of the meter stick. Enter your answers into the computer to see if you did everything correctly

Step 4: What assumptions did we make about the meterstick that might not be true if you did this same experiment in real life? Tell how you would deal with this issue to still get the correct mass using this method.