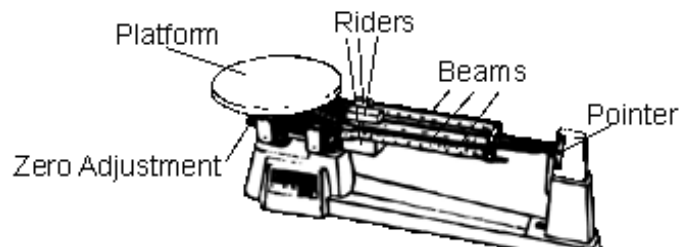


More MASS

1. Adjust all RIDERS so that each is at zero (the far left). Then check to make sure that the pointer swings to "zero" on the center mark. If the pointer does not read correctly, then use the "ZERO ADJUSTMENT" to obtain the zero reading.
To do this make sure all of the riders are at their zero positions (the far left) and then adjust. Turning the knob clockwise lowers the beam on the opposite end. Turning the knob counterclockwise raises the beam on the opposite end.
2. After you place the object onto platform, first move the largest (the hundreds) rider across the beam until the pointer drops below the 0 line. Then move this rider back one notch. The rider must be in one of the notches on the beam. Follow this same procedure for the tens rider, then the ones rider, until the pointer swings to the zero mark.
3. To record the mass, add the masses shown by each rider. (Note: masses are in grams)



WHAT TO DO:

1. Estimate how many marshmallows it will take to equal 10g. Record this on your answer sheet.
2. Find the mass of the pie pan.
3. Set the balance to the mass of the pie pan plus 10g.
4. Put marshmallows in the pie pan until the balance is level.
5. Record the number of marshmallows on your answer sheet.