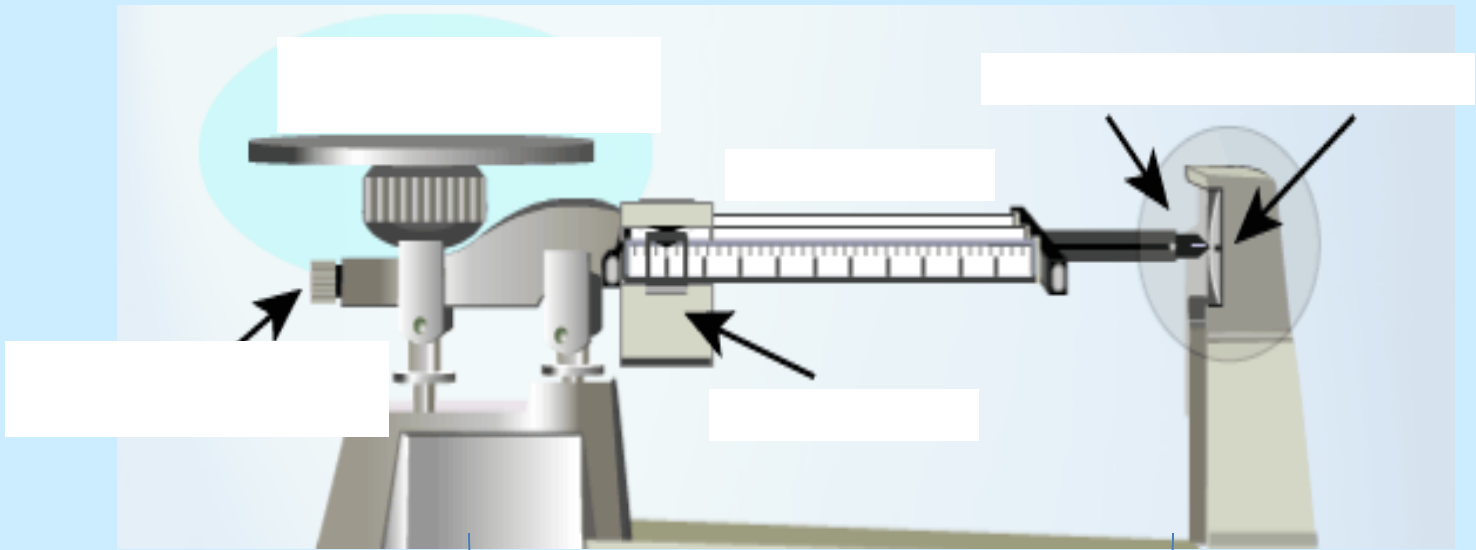# Triple Beam Balance and Graduated Cylinder

A. Triple beam balance

- *Used to measure <u>MASS</u>*
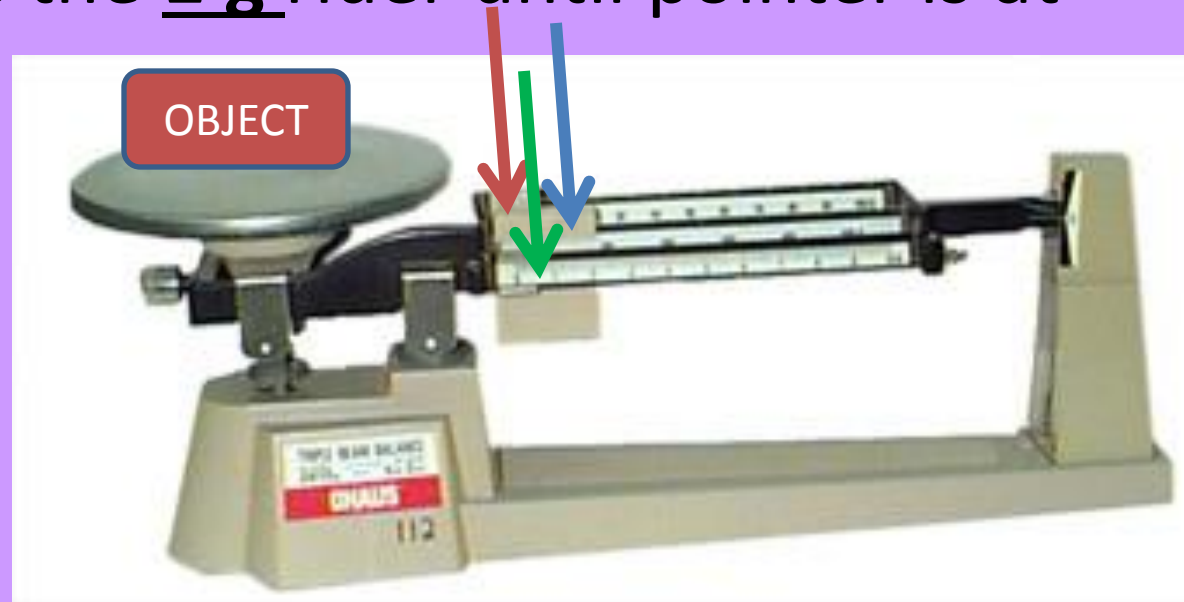
Base

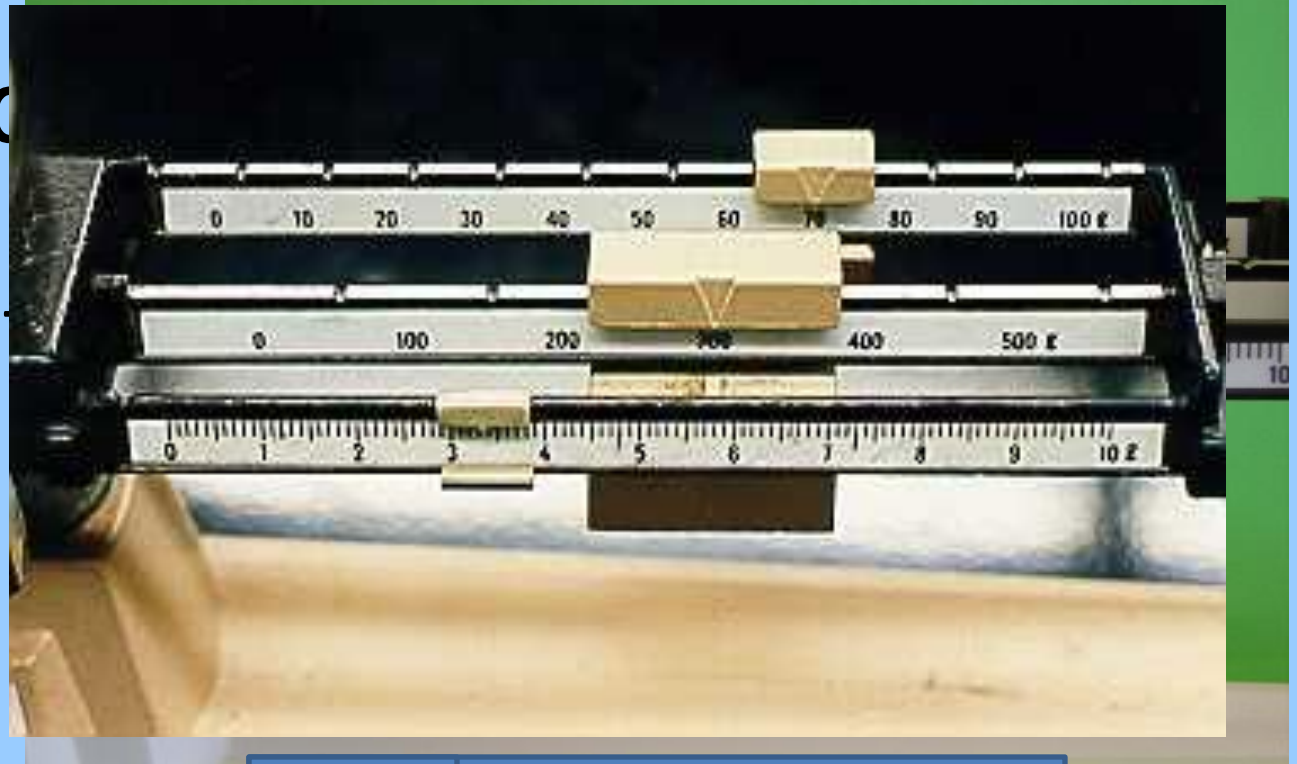# B. How to use

- *1. Pan needs to be **empty***
- *2. All riders are all the way to the **left***
- *3. Check if **pointer** is at **zero** mark*
  - If not- Turn adjustment **knob** **slightly**
    - Too much will **BREAK** IT

- 4. Place **object** on **pan**
- 5. Move **100 g rider first** by **notches** until pointer dips **below** zero mark
- 6. Move 100 g rider **BACK one** notch
- 7. Now move the **10 g** rider
- 8. Lastly move the **1 g** rider until pointer is at zero
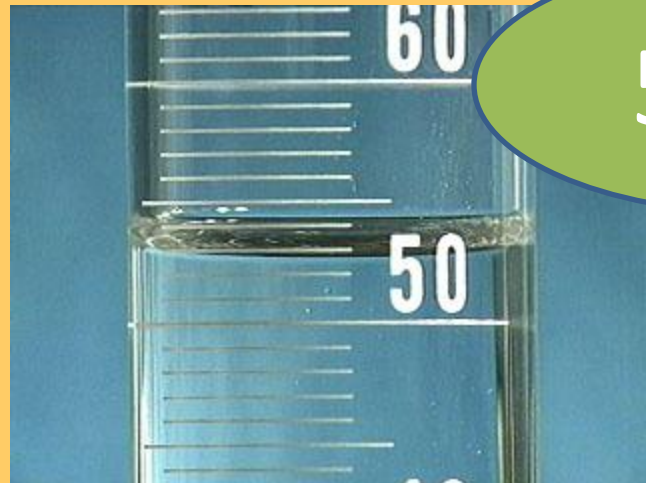

OBJECT

c. Record
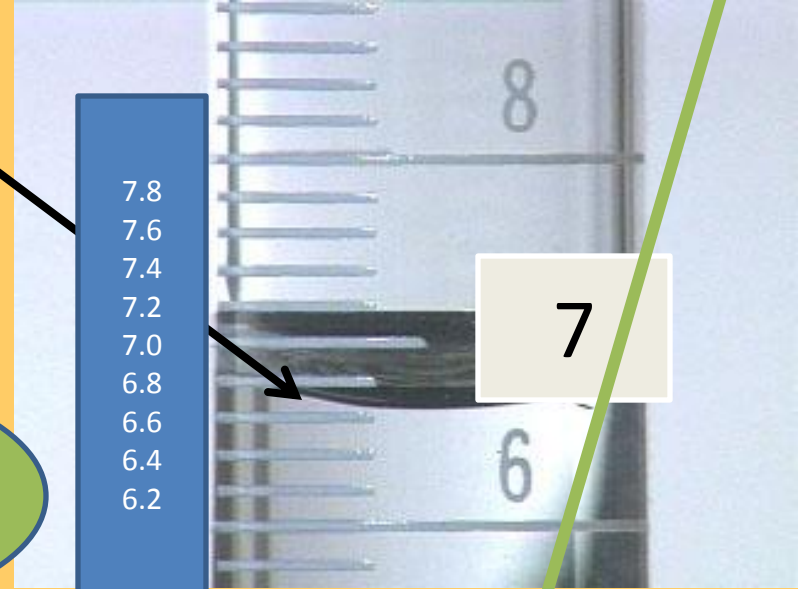

- Add

- 100 g rider= 300
- 10g rider= 70
- 1g rider= 3.4

300 + 70 + 3.4= 373.4 g

D. Graduated Cylinder

- Used to measure **VOLUME**
- Read the **meniscus**
  - **Bottom of curve**
  - At **eye** level

52mL

7.8
7.6
7.4
7.2
7.0
6.8
6.6
6.4
6.2

7

6.6mL

http://www.ohaus.com/input/tutorials/tbb/TBBread.html