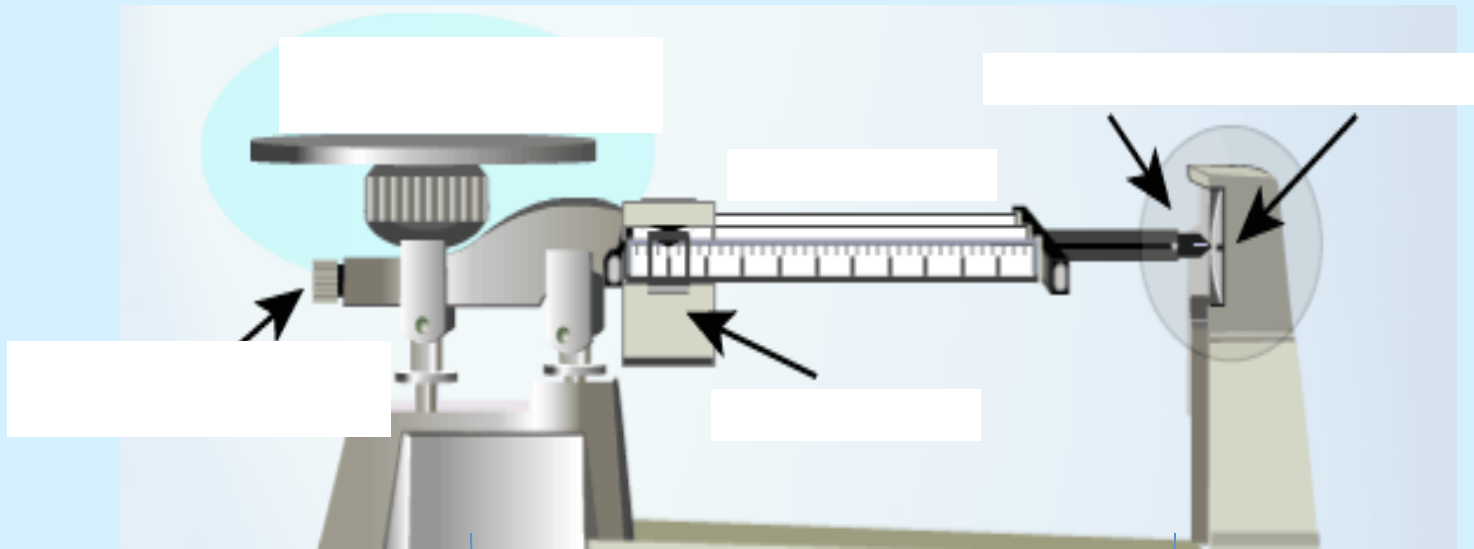


Triple Beam Balance and Graduated Cylinder

A. Triple beam balance

- *Used to measure MASS*

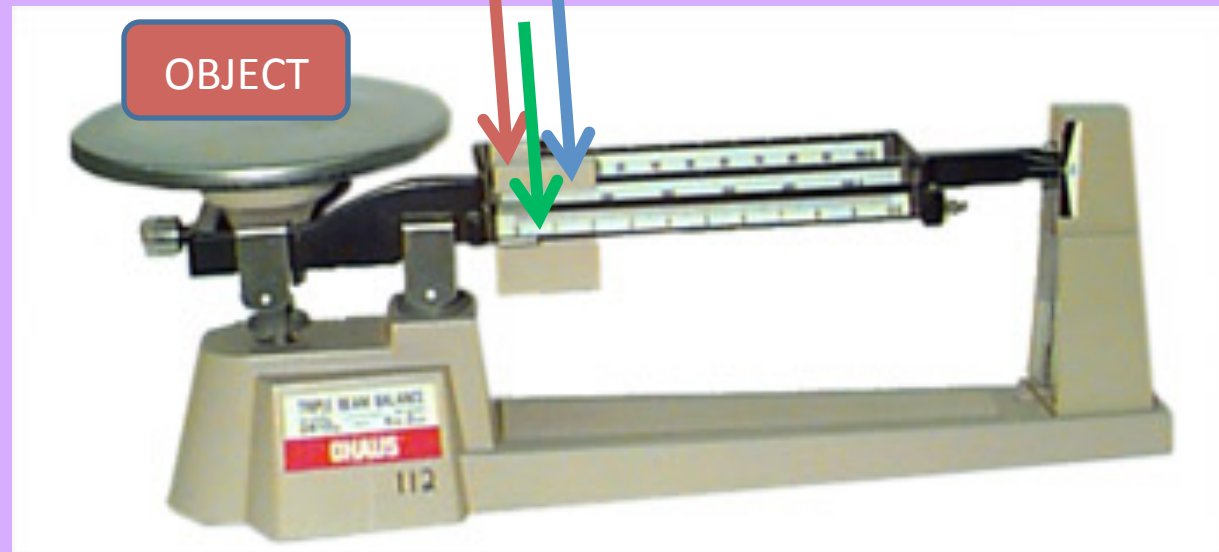


Base

B. How to use

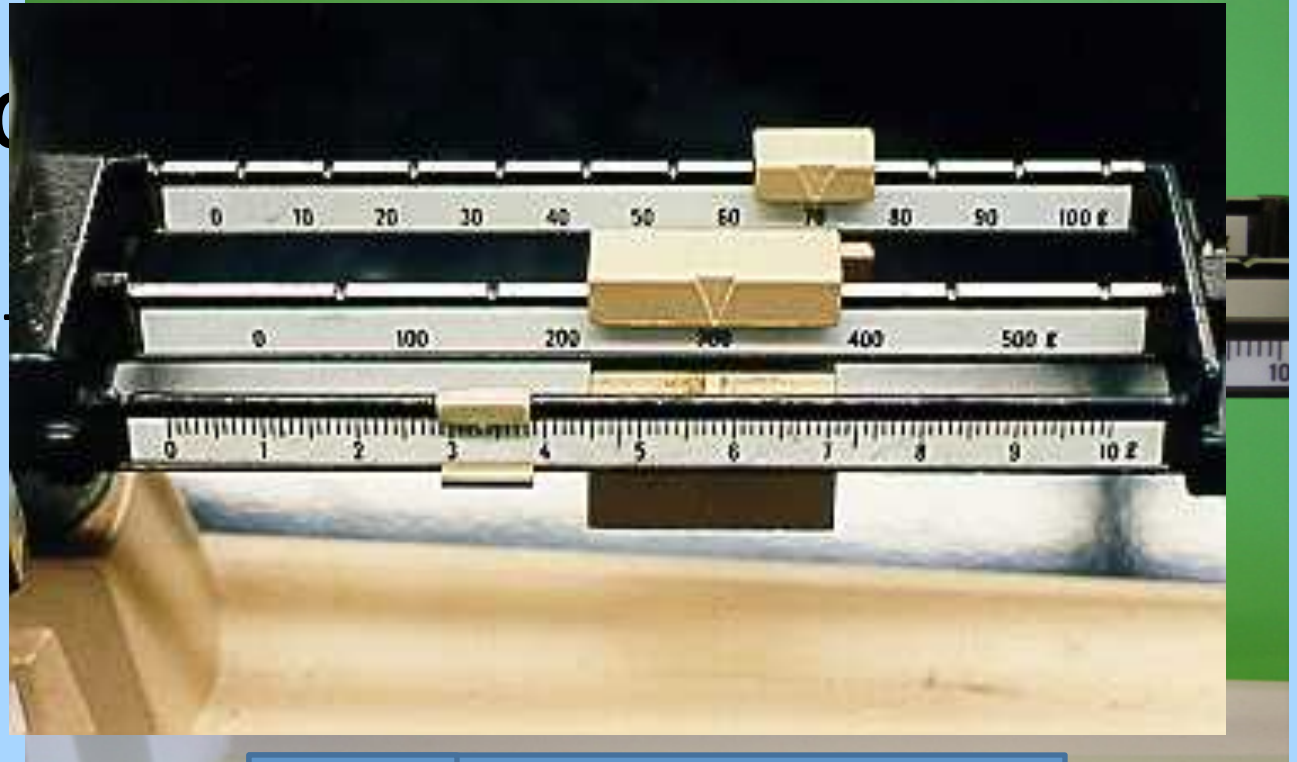
- 1. *Pan needs to be empty*
- 2. *All riders are all the way to the left*
- 3. *Check if pointer is at zero mark*
 - If not- Turn adjustment knob slightly
 - Too much will BREAK IT

- 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



c. Record

- Add



- 100 g rider= 300

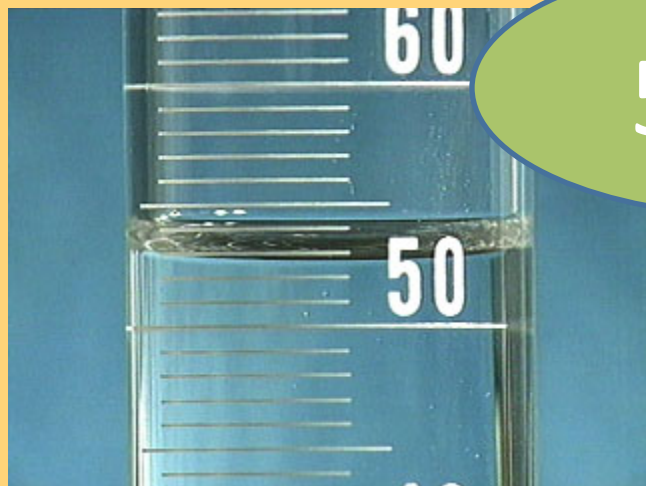
- 10g rider= 70

- 1g rider= 3.4

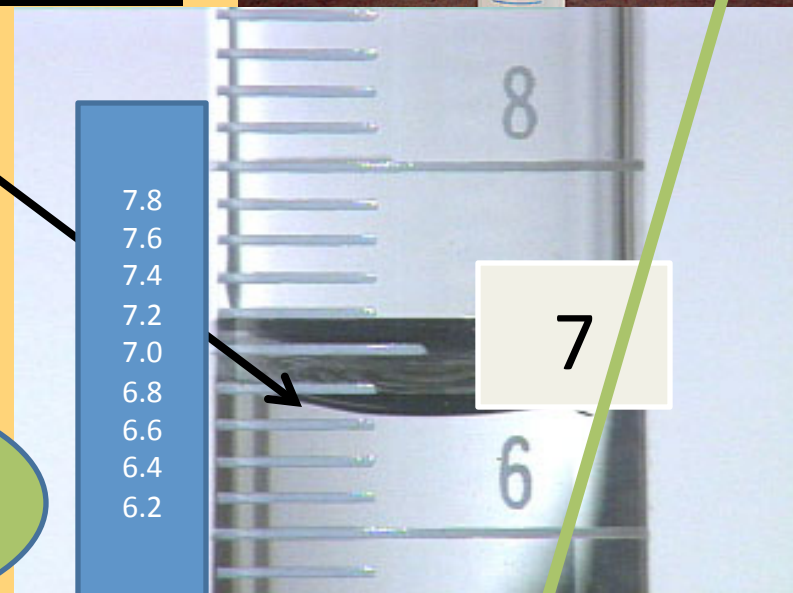
$$300 + 70 + 3.4 = 373.4 \text{ g}$$

D. Graduated Cylinder

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



52mL



6.6mL

[http://www.ohaus.com/input/
tutorials/tbb/TBBread.html](http://www.ohaus.com/input/tutorials/tbb/TBBread.html)