

## Water content:

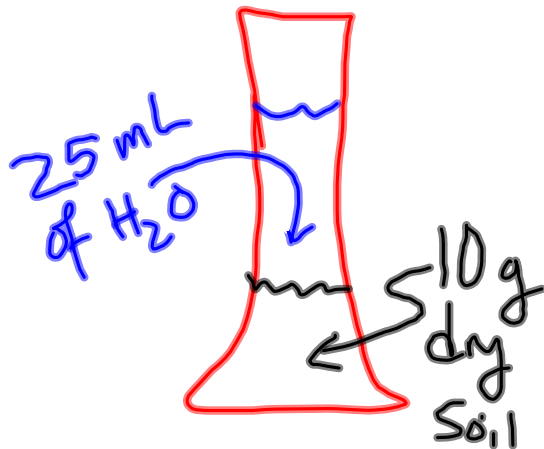
- mass of empty petri dish = DISH
  - mass of wet soil + petri dish = WET
  - • mass of dry soil + petri dish = DRY
  - • mass of water:  
 $WET - DRY = WATER$
  - • mass of dry soil:  
 $DRY - DISH = SOIL$
- Water content =

$$\frac{WATER}{SOIL} \times 100$$

(as a percentage)

pH, Nitrates, ammonium:

FORMS OF NITROGEN



- - label a petri dish with your names, per.
- 27.2g →  $\pi$  - mass that petri dish
- ...
- 37.2g → - add 10g of dried Soil