

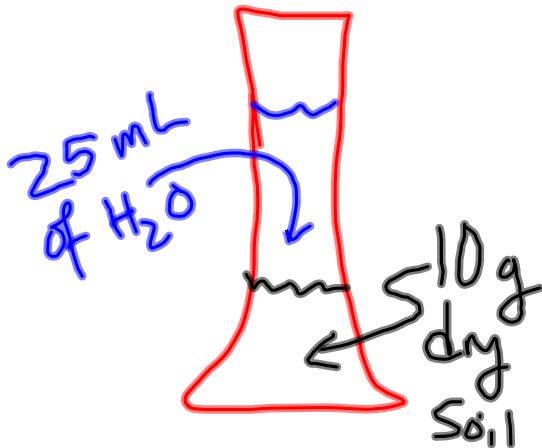
Water content:

- 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:
 $DRY - DISH = SOIL$
- $$\text{Water content} = \frac{WATER}{SOIL} \times 100$$

(as a percentage)

pH, Nitrates, ammonium:

FORMS OF NITROGEN



- - label a petri dish with your names, per.
- 27.2g → π - mass that petri dish
- ⋮
- ⋮
- 37.2g → - add 10g of dried soil