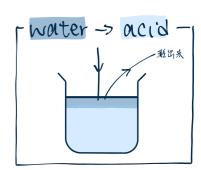
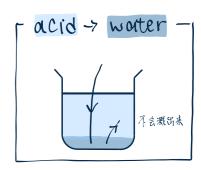
Diluting conc. acids

1 Qualitatively

- pour the acid to distilled water slowly, <u>stir the solution</u> → b temperature (酸加水,慢慢嚟,搞搞震)
- 为何不把水加至acid 里?
 - ① water is less dense than acid (tt较mr)
 - + Gwater floats on top of conc. acid
 - 2 process is highly exothermic (= gives out a lot of heat)
 - = Glocal heating effect
 - > water splashes out w/conc. acid > highly corrosive





2 Quantitatively

- 未教