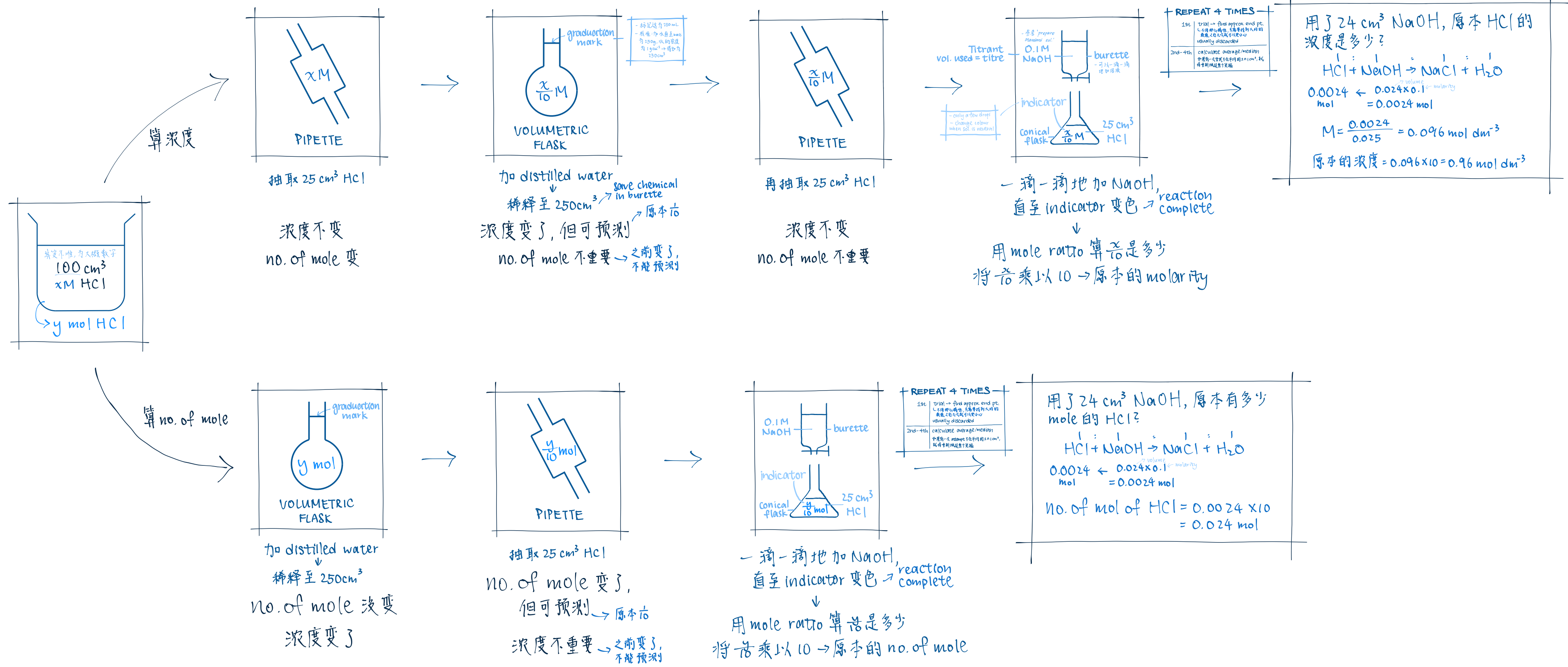


Titration (experiment)

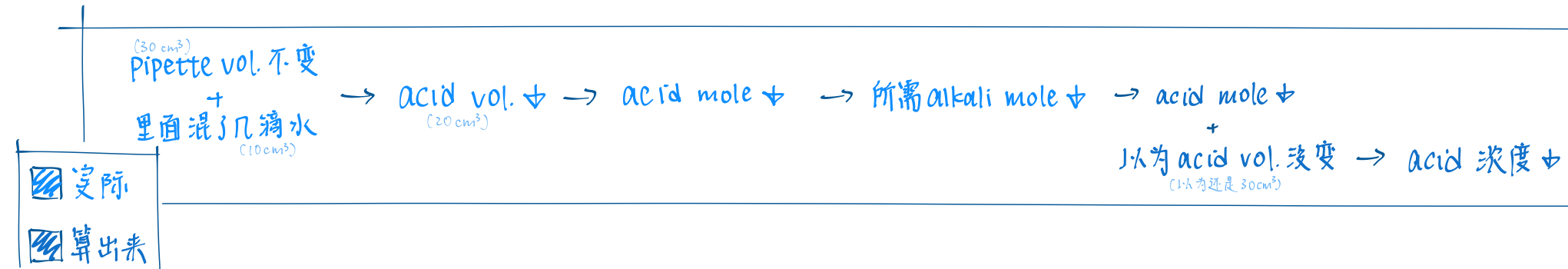
1 Steps and precautions

TITRATION STEPS



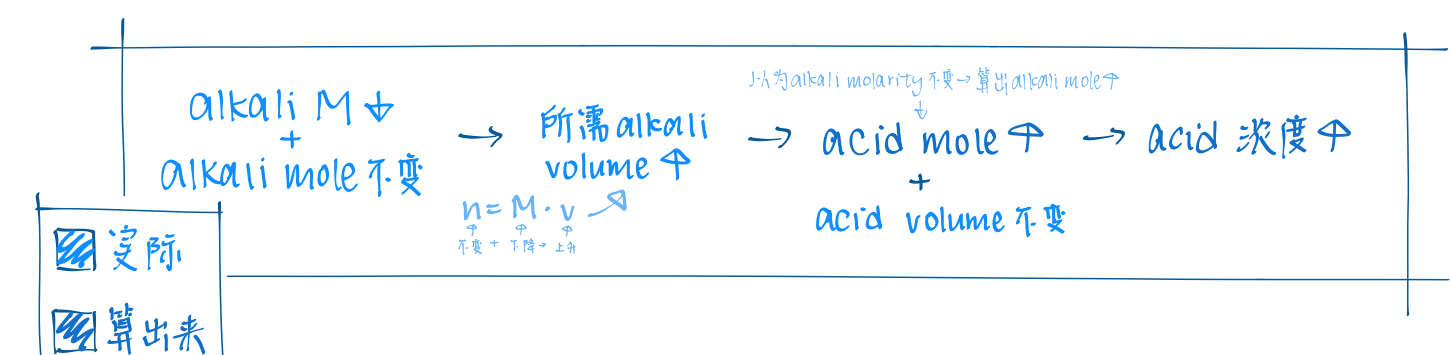
PREPARING PIPETTE

- rinse by distilled water for several times, followed by the solution (acid)
- 只用水洗
- > 会导致还有水遗在 pipette 里, 抽溶液的时候会稀释溶液



PREPARING BURETTE

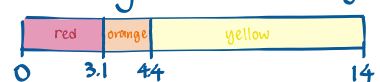
- rinse by distilled water for several times, followed by the solution (alkali)
- open the knob to allow sol. to fill up burette w/ no bubbles trapped inside
- 只用水洗
- > 会导致还有水遗在 burette 里, 会稀释溶液



4 pH indicators

强酸弱碱甲基橙

- > methyl orange
- > ∴ resulting sol. is slightly acidic
- > pH



弱酸强碱酚酞

- > phenolphthalein
- > ∴ resulting sol. is slightly alkaline
- > pH

