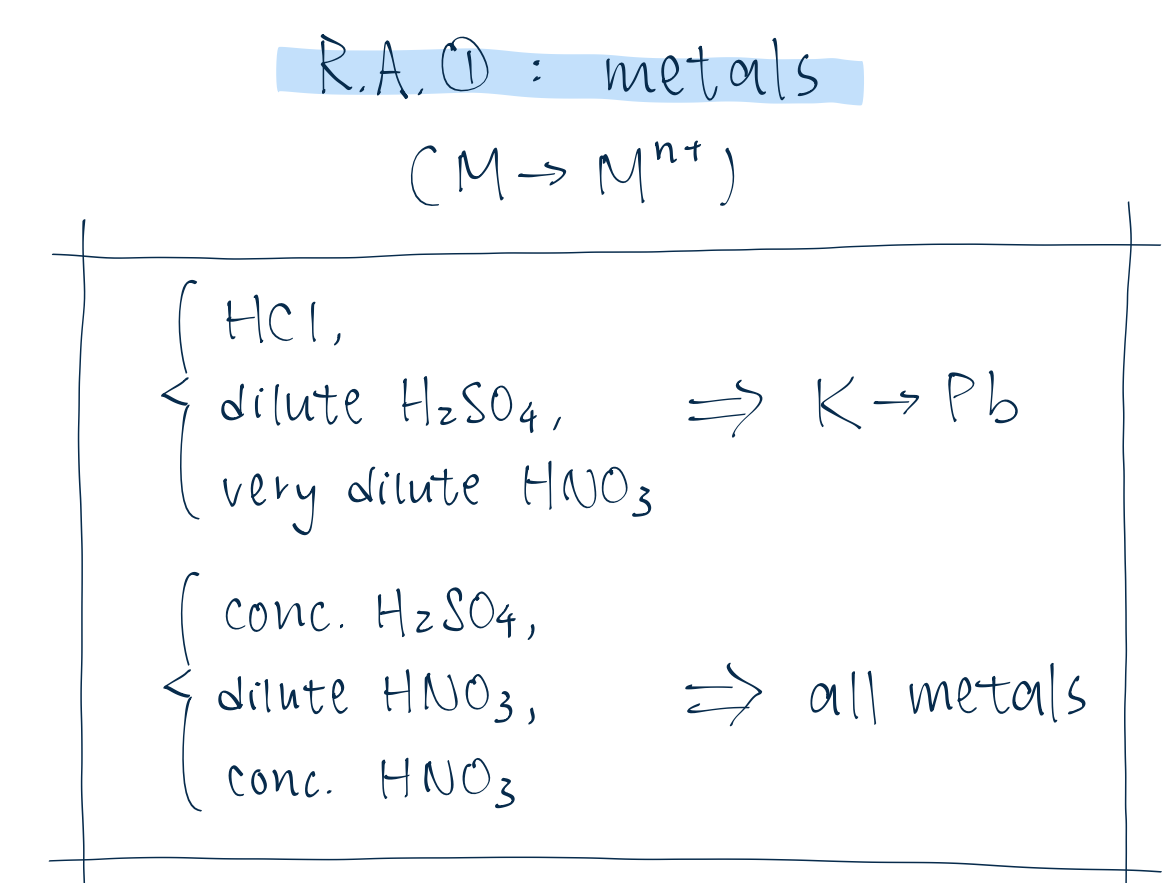
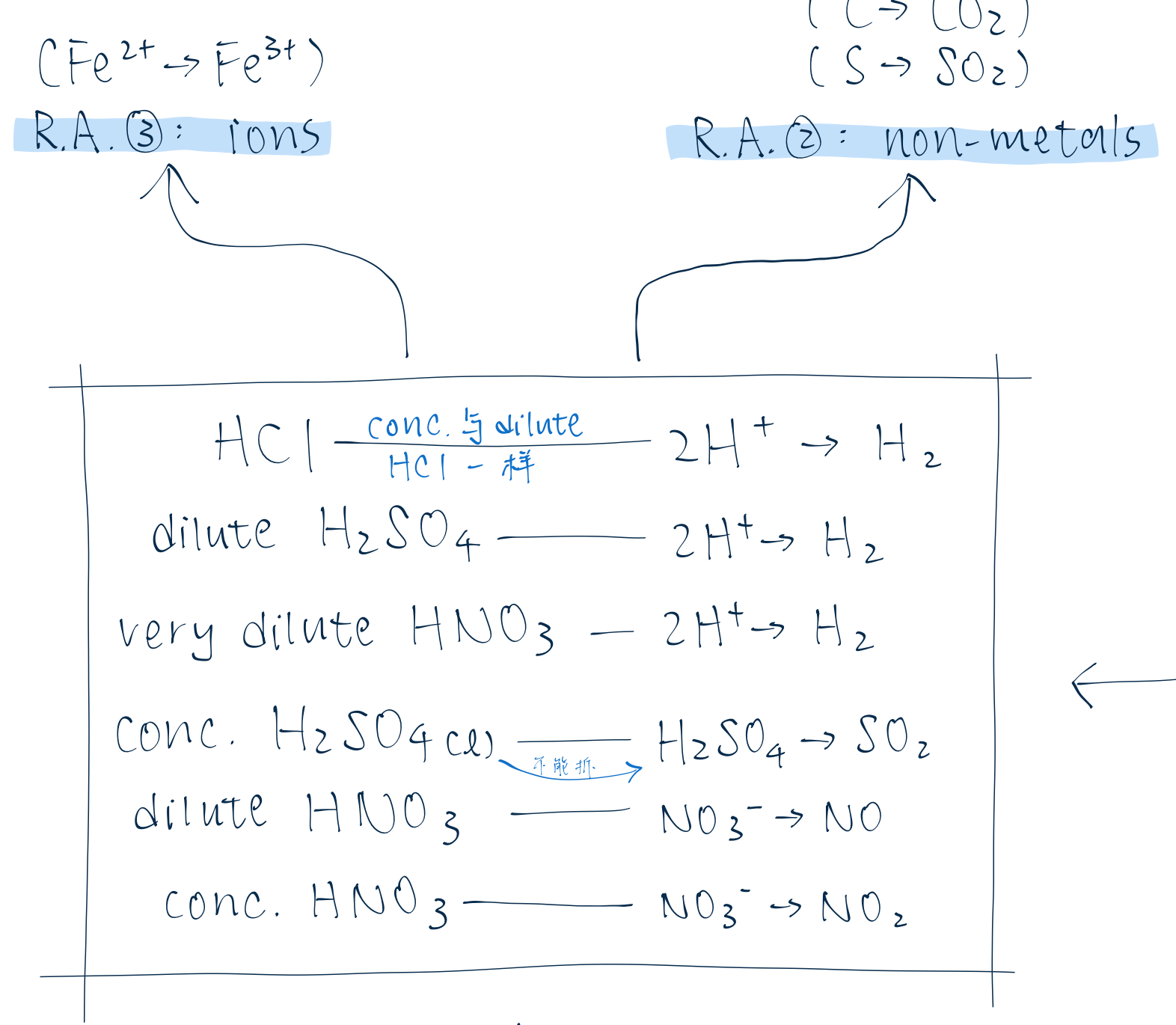
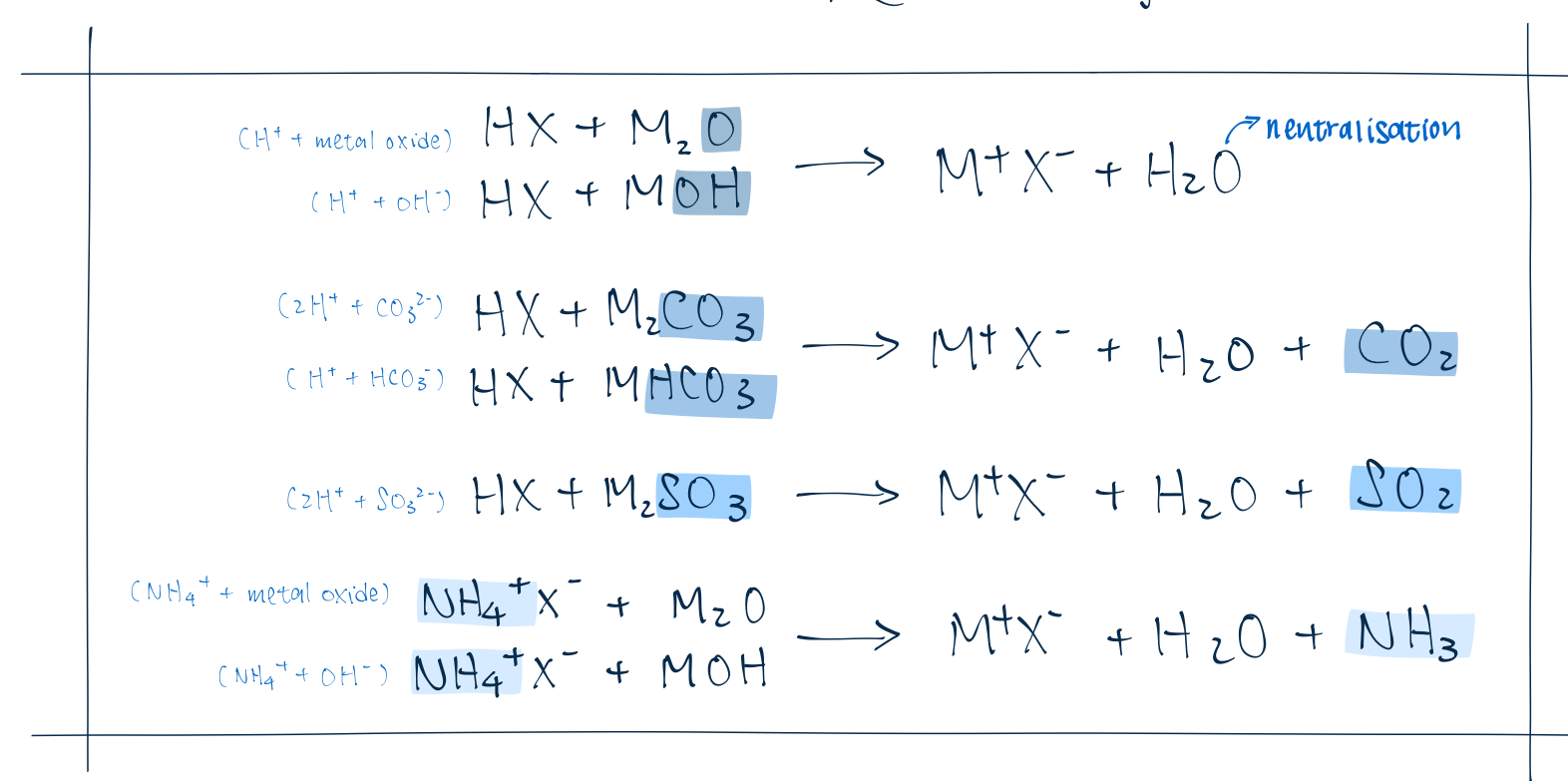
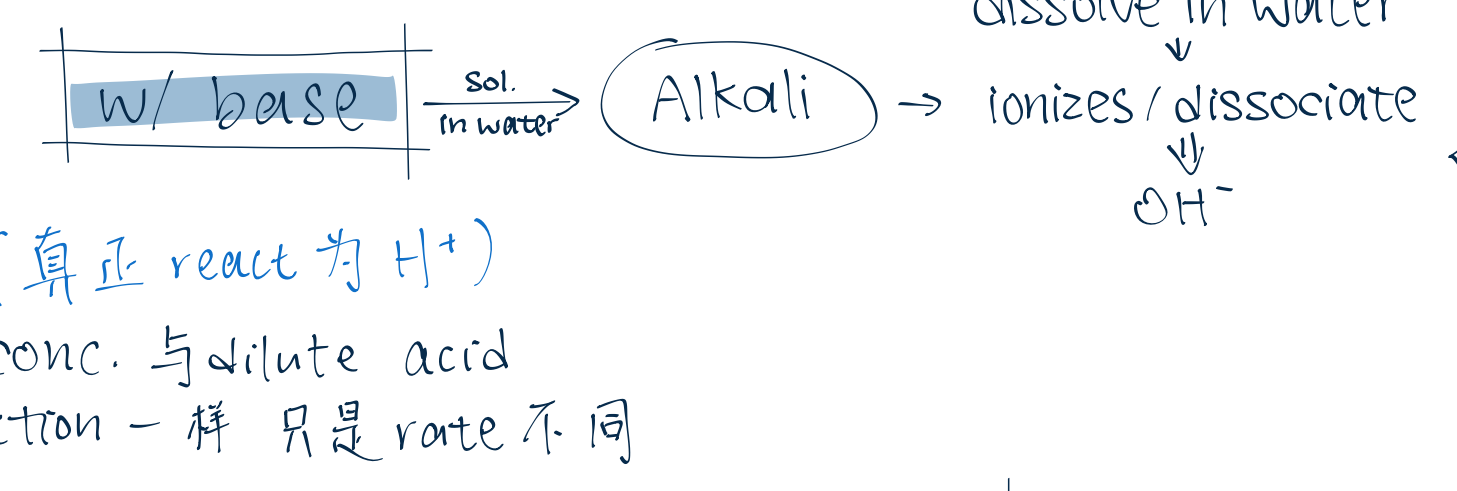


conc. HNO_3 - 不肯定 (系数)	conc. HNO_3 - 不肯定 (系数)
conc. H_2SO_4 - ✓	conc. H_2SO_4 - ✓



AS an **dehydrator agent**

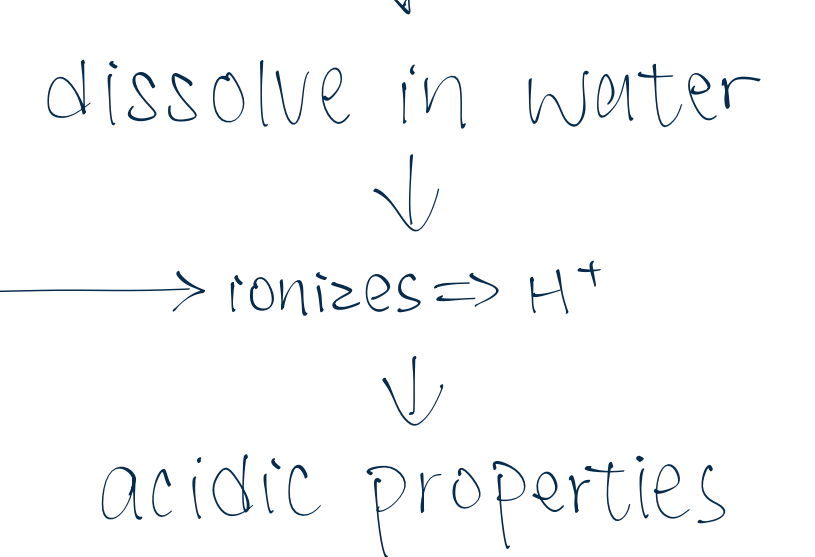
Acid Reactions



Arrhenius Rule

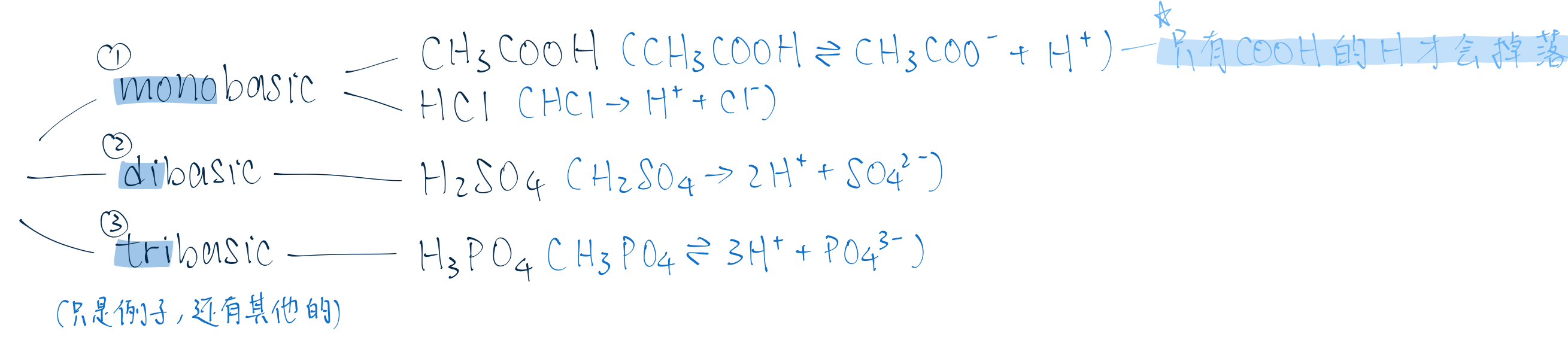
definition

Acid

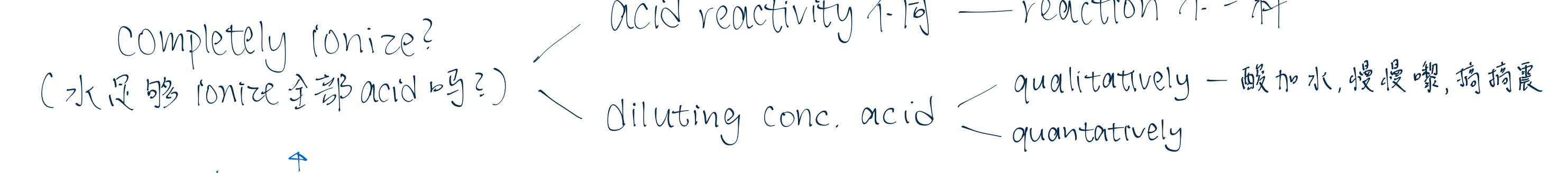


basicity

max. no. of ionizable H atoms in an acid molecule



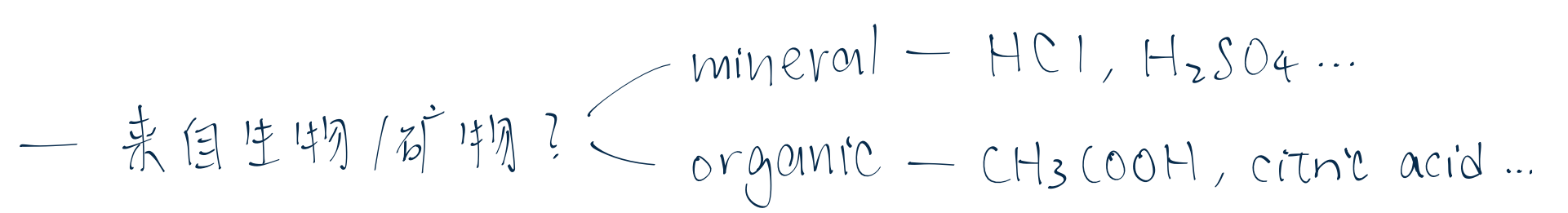
conc./dilute



strong/weak



organic/mineral



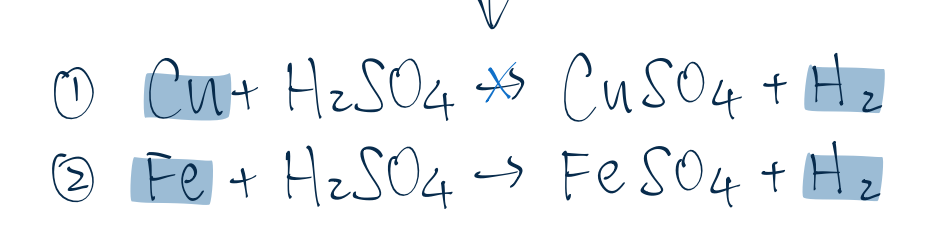
K	活泼
Na	活泼
Mg	活泼
Al	活泼
Zn	活泼
Fe	活泼
Cu	不活泼
Hg	不活泼
Ag	不活泼
Au	不活泼
Li	活泼

Reactivity series

看 reaction 是

① 弱 \rightarrow 强 (x)

② 强 \rightarrow 弱 (✓)



Redox reactions

Balancing redox eqn.

- ① 欠 O 加水
- ② 欠 H 加 H^+
- ③ 平衡电荷 (加电子)
- ④ 左右两边的 e 相加

Transfer of electrons

