

solute

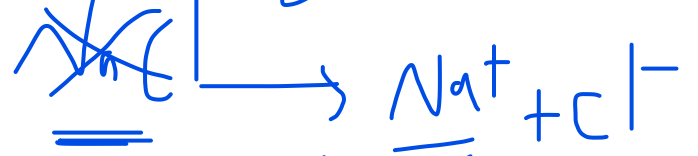
solⁿ

solute

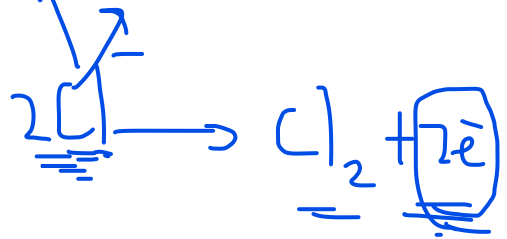
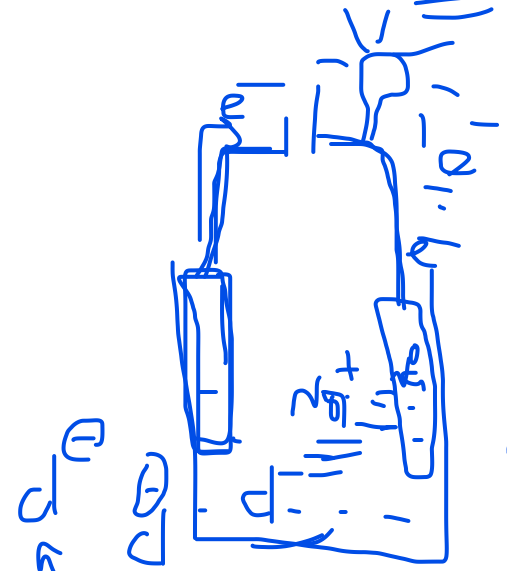
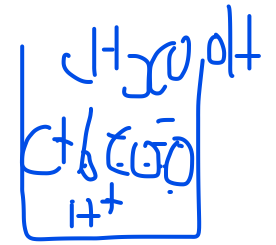
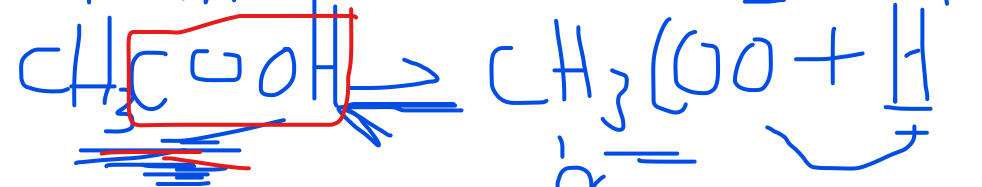
Non-Electrolytes

Electrolyte

Strong

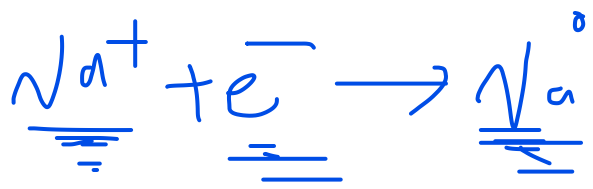


Weak in com



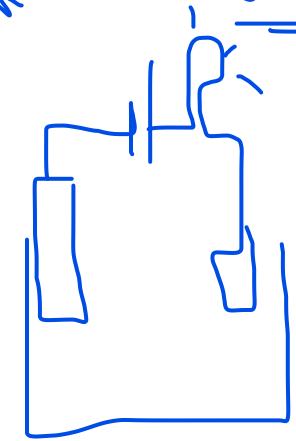
oxd. rxn

anode

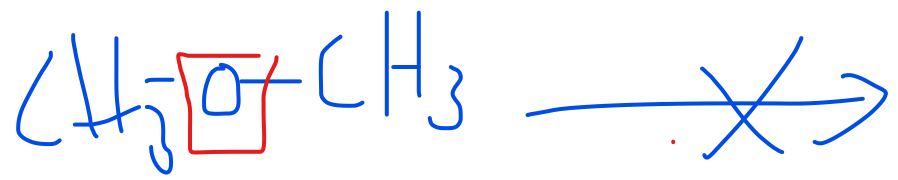
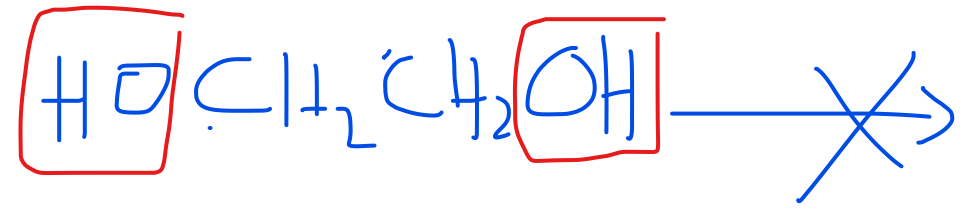
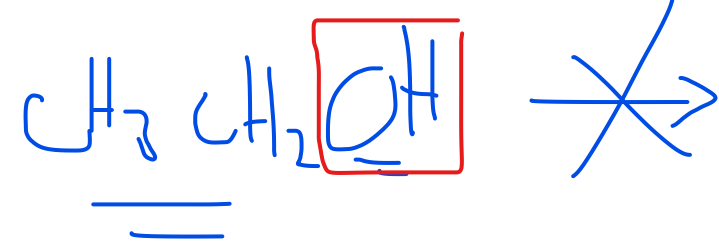


Reduction

Cathode



non-electrolyte





All

ionic

CPDs \rightarrow

HCl
 \downarrow
Strong
 \checkmark

Covalent CPDs \rightarrow
(Molecular)

Weak

non-electrolyte



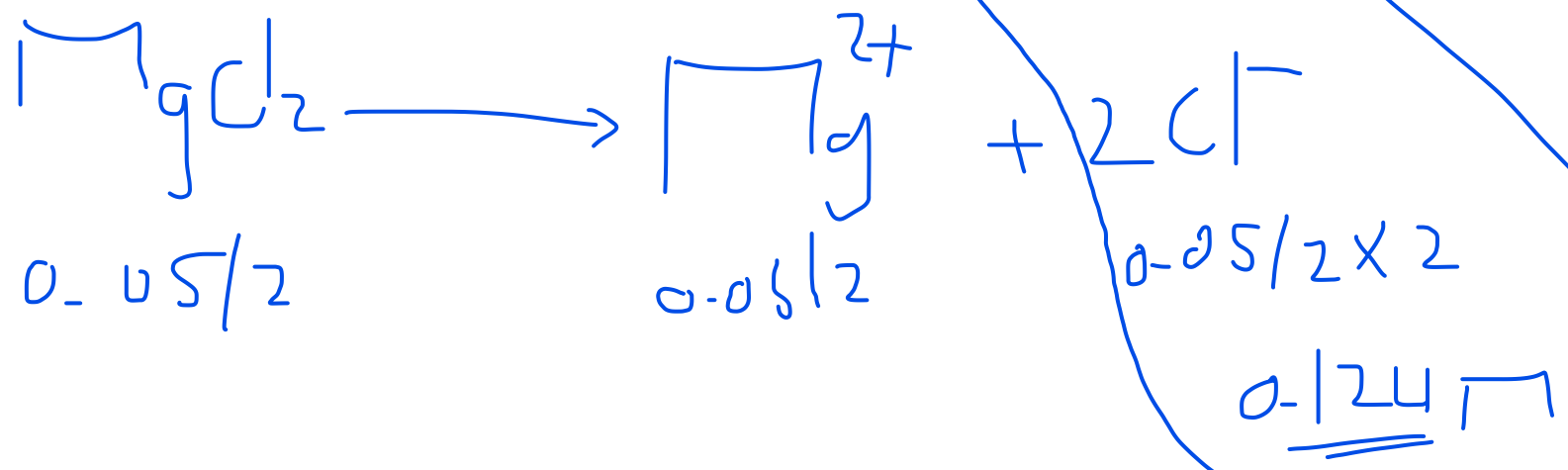
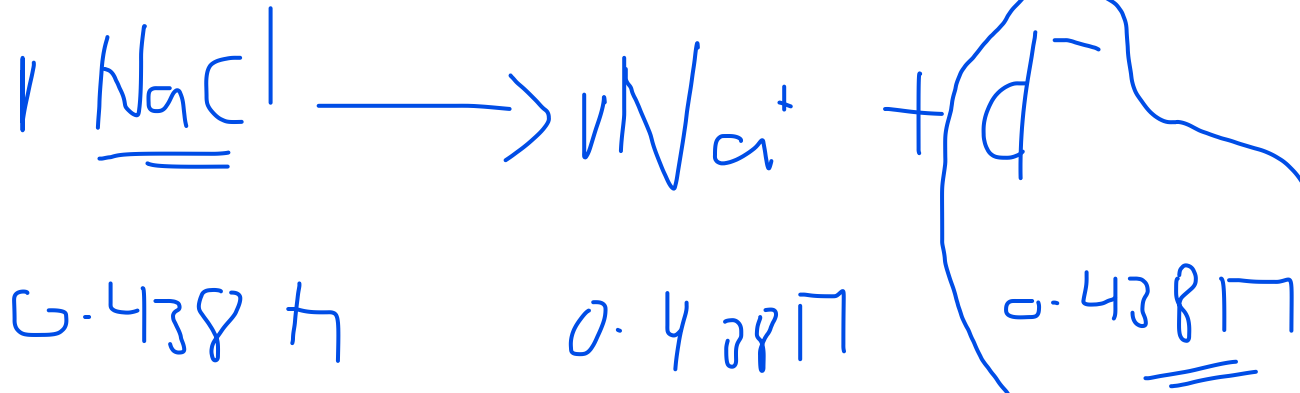
$$\underline{\underline{0.065 \text{ M}}}$$

$$\underline{\underline{2 \times 0.065 \text{ M}}}$$

$$\underline{\underline{0.033 \text{ M}}}$$

$$\underline{\underline{3 \times 0.065 \text{ M}}}$$

$$\underline{\underline{0.049 \text{ M}}}$$

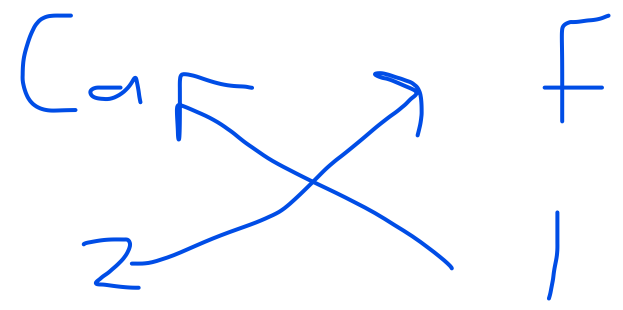


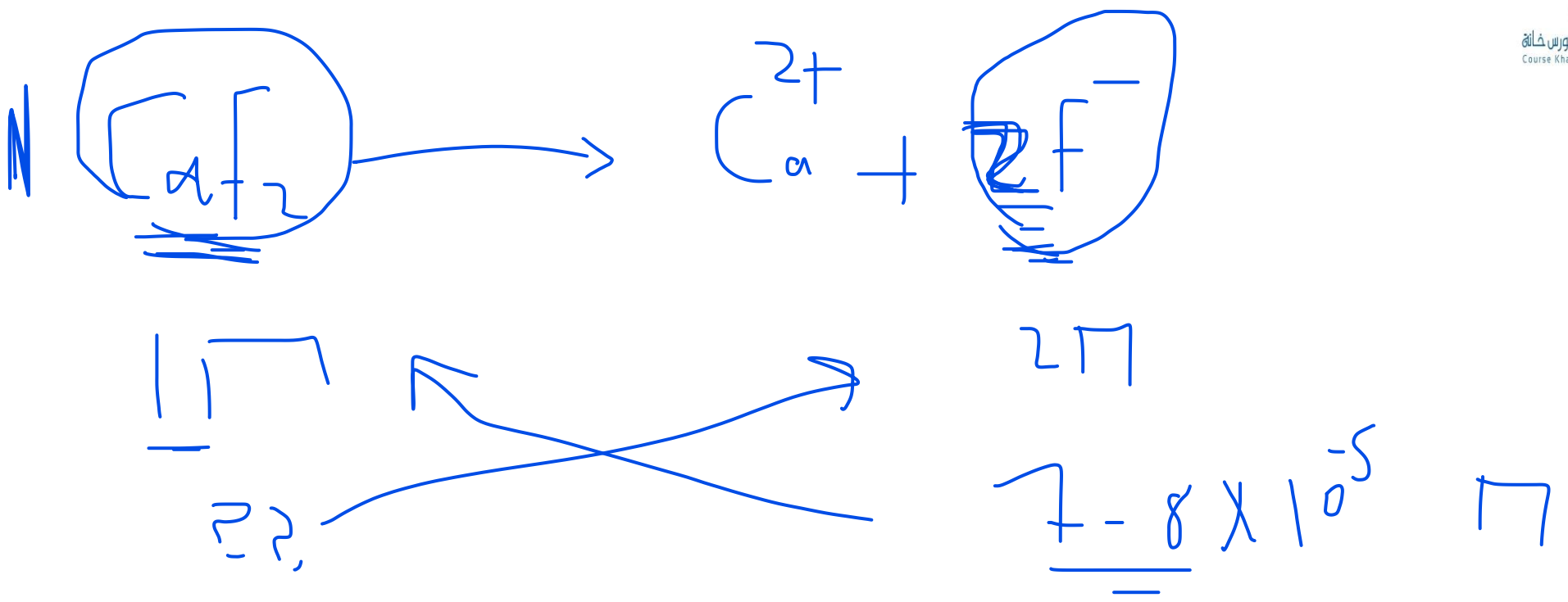
$\text{Cl}^- = 0.5404 \text{ g}$

$$(a) \quad \Gamma = \frac{\text{no. of moles}}{V(l)} = \frac{\text{mass}}{\Gamma \times V(l)}$$

$$\Gamma(F) = \frac{1.5 \times 10^{-3}}{19 \times 1} = \boxed{7.89 \times 10^{-5}} \quad \Gamma$$

Calcium fluoride $\boxed{CaF_2}$





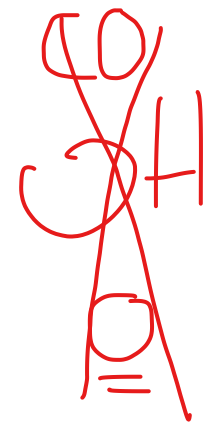
$\text{CaF}_2 = 3.945 \times 10^5$

$$= \frac{\text{Mass}}{8 \times V(\text{L})}$$

3. 945 $\times 10^5$ ~~X~~ class ✓

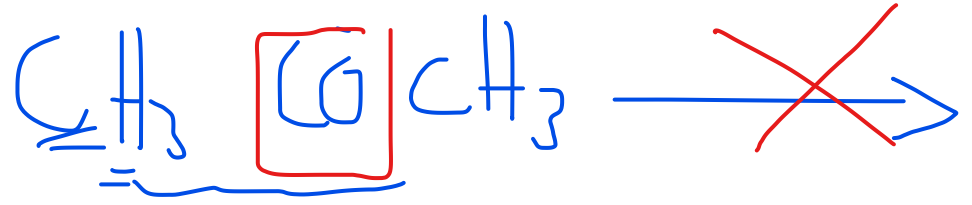
$$= \frac{[40 + (2 \times 19)] \times 10^6}{10^6}$$

weak
COOH

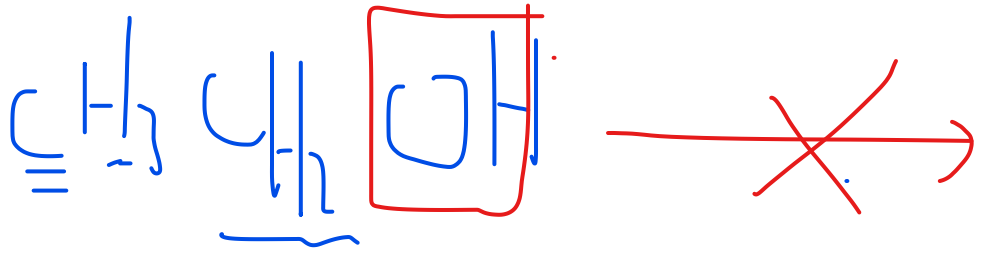


class = 3077 g

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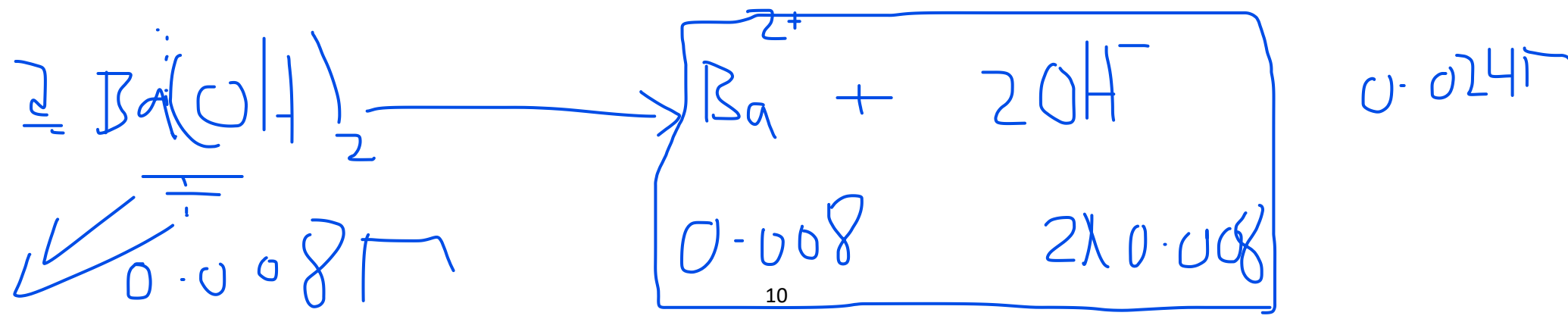
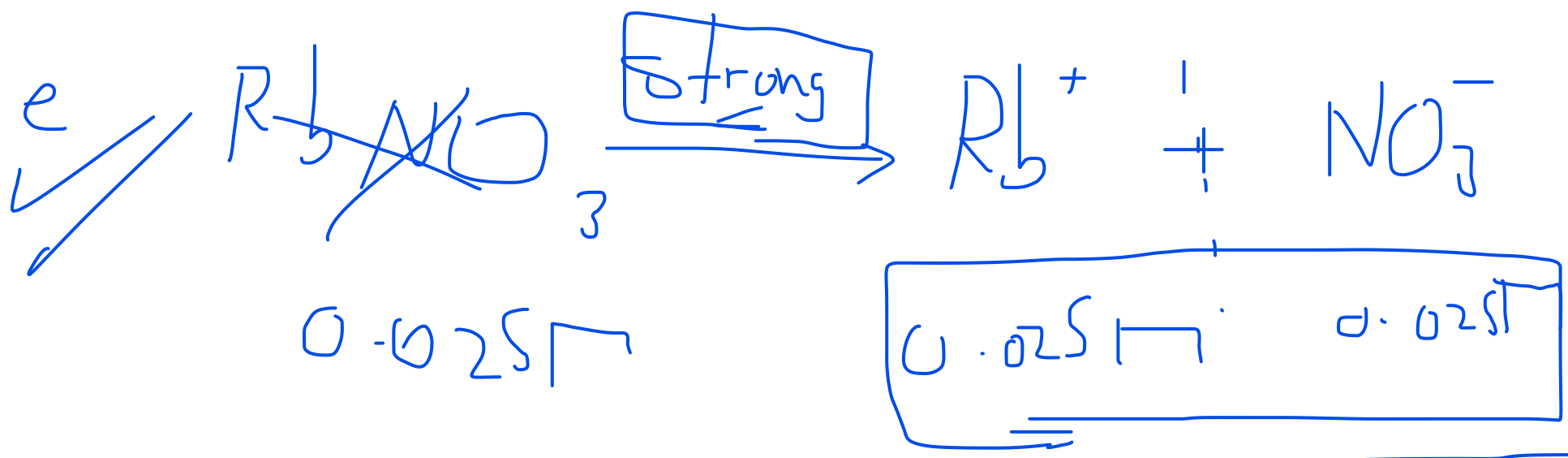
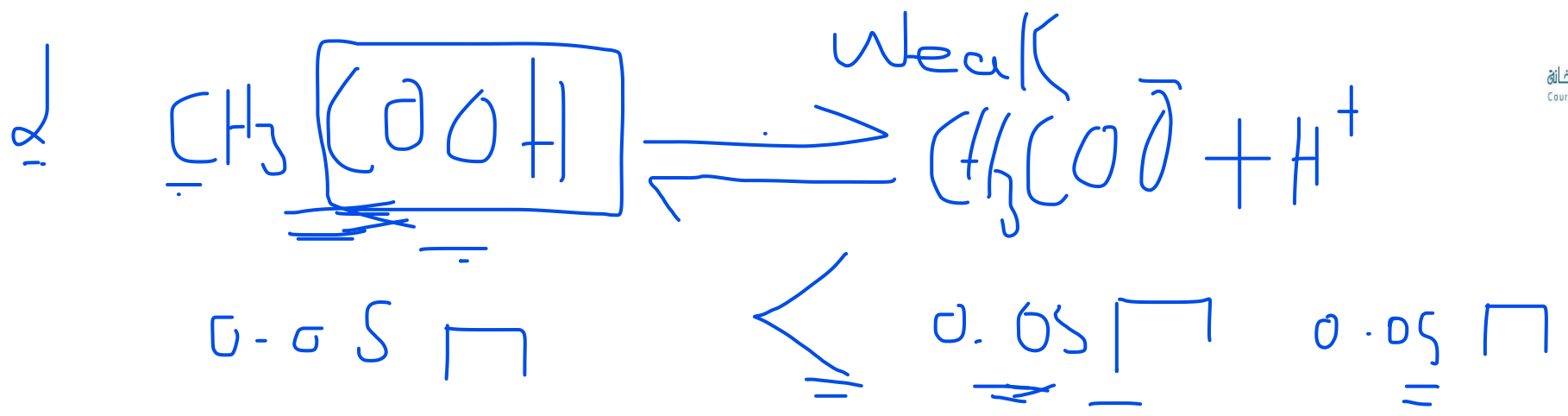


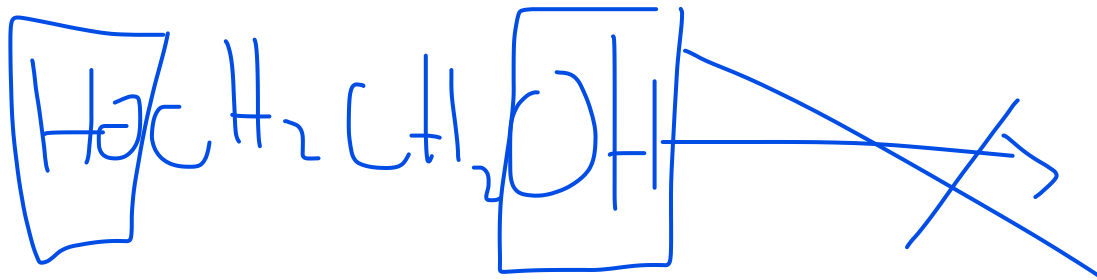
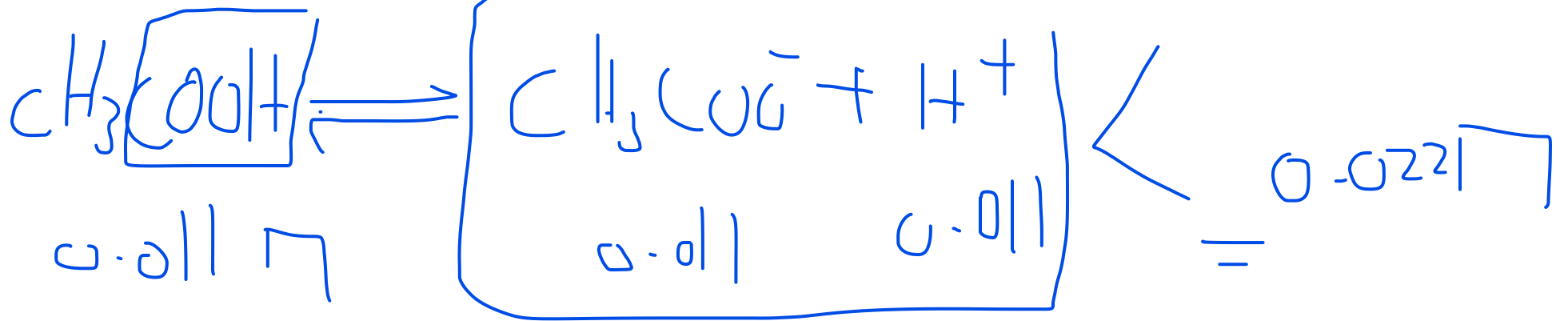
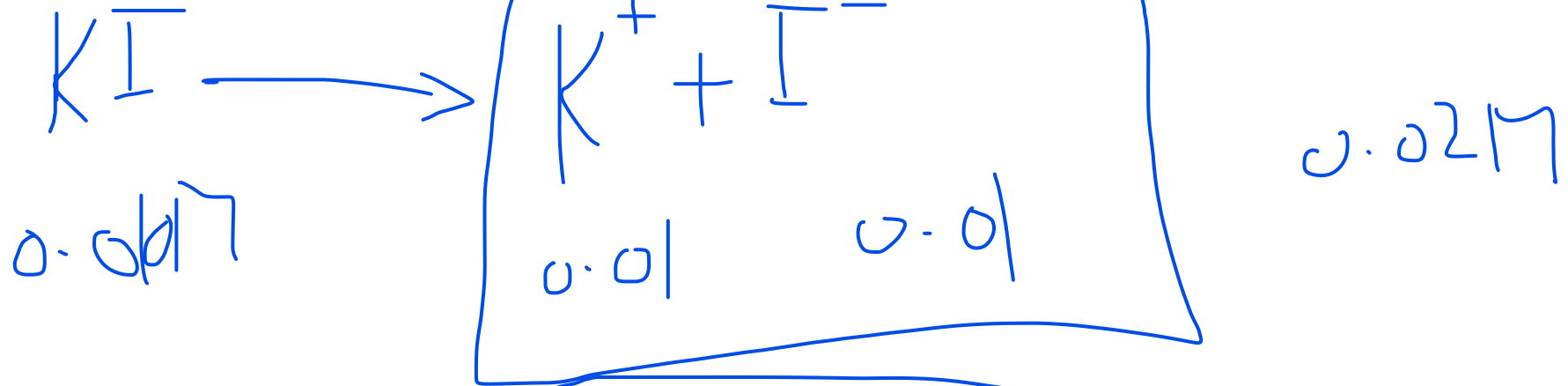
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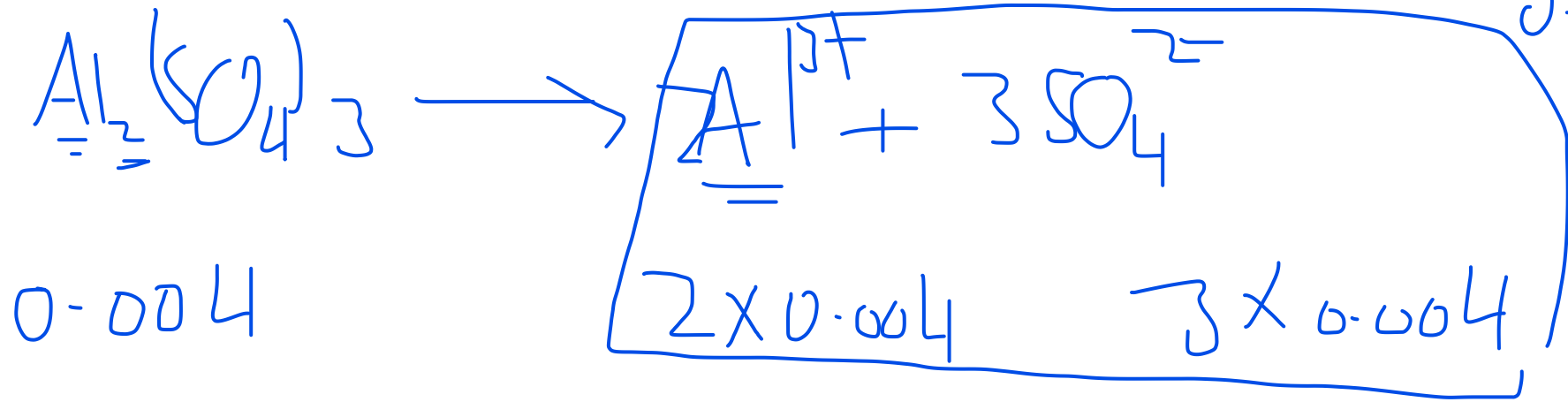


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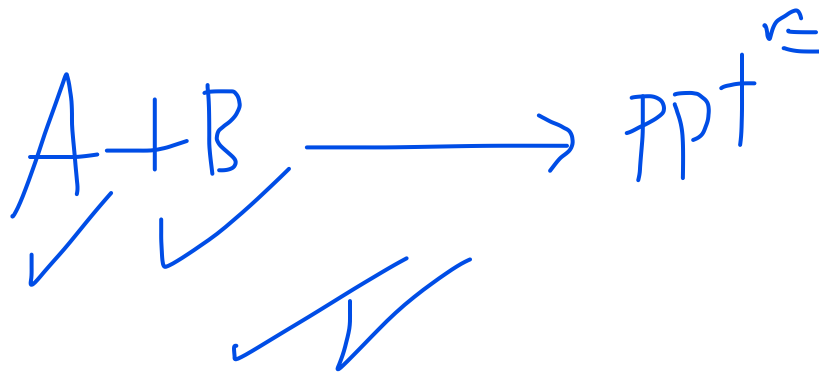




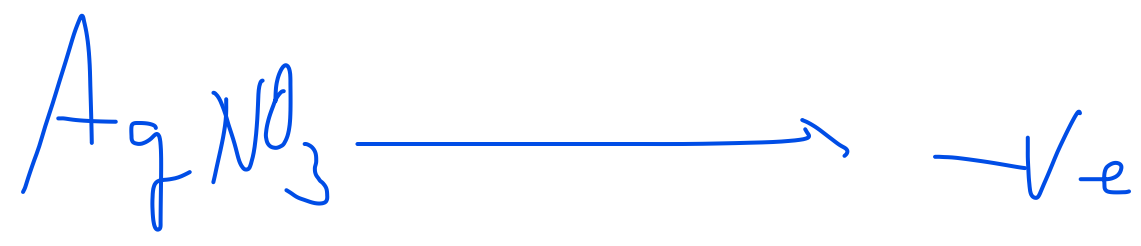
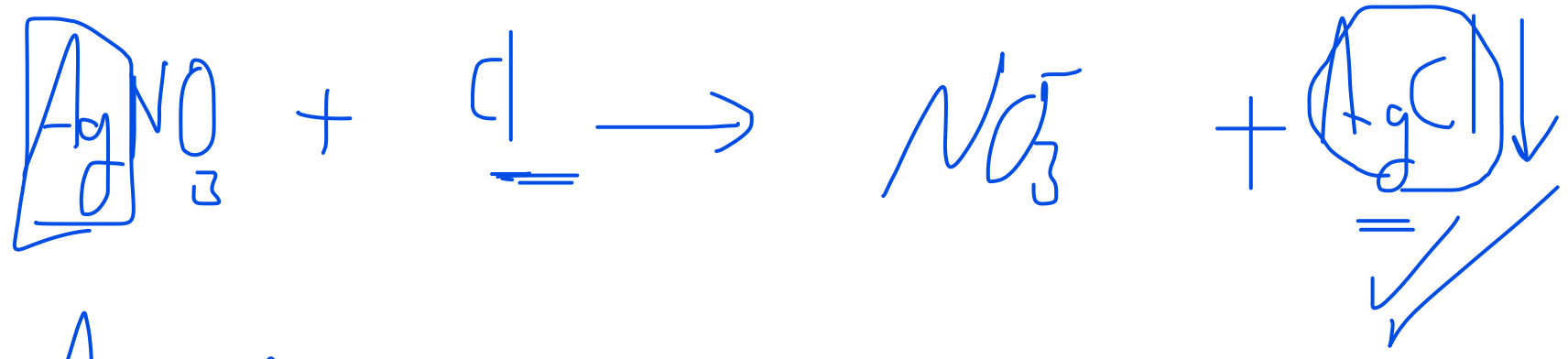




PPT



A_2O



→ Na⁺, K⁺, Pb⁺, Ca⁺, Mg⁺, CH₃COO⁻, NO₃⁻

soluble ✓
NH₄⁺ OH⁻

→ Hg²⁺, Pb²⁺, Ag⁺

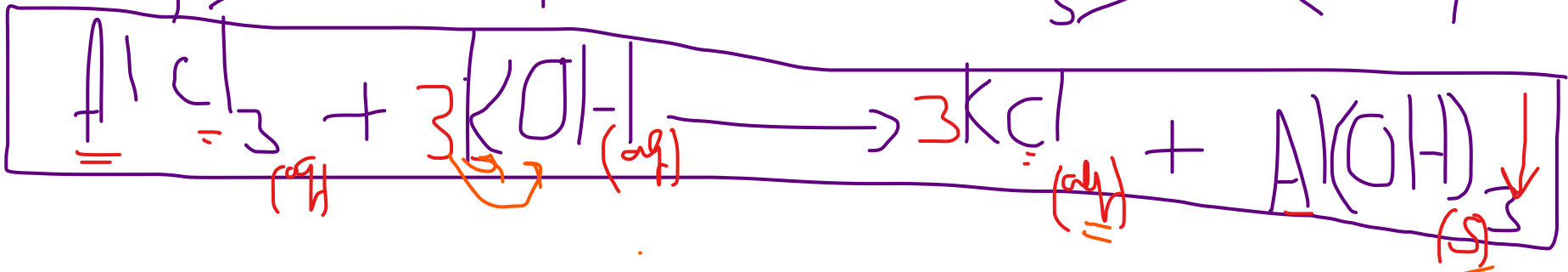
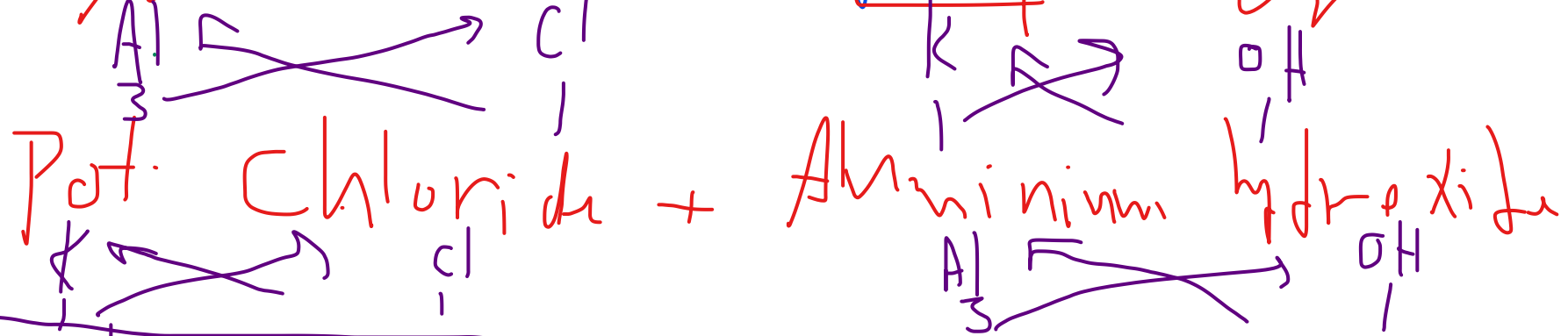
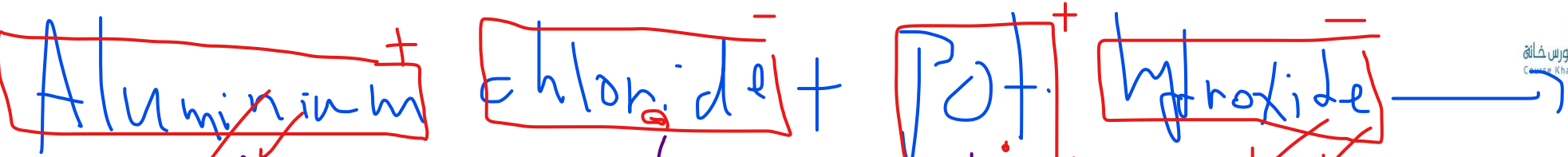
insoluble

→ Cl⁻, Br⁻, I⁻

soluble insoluble

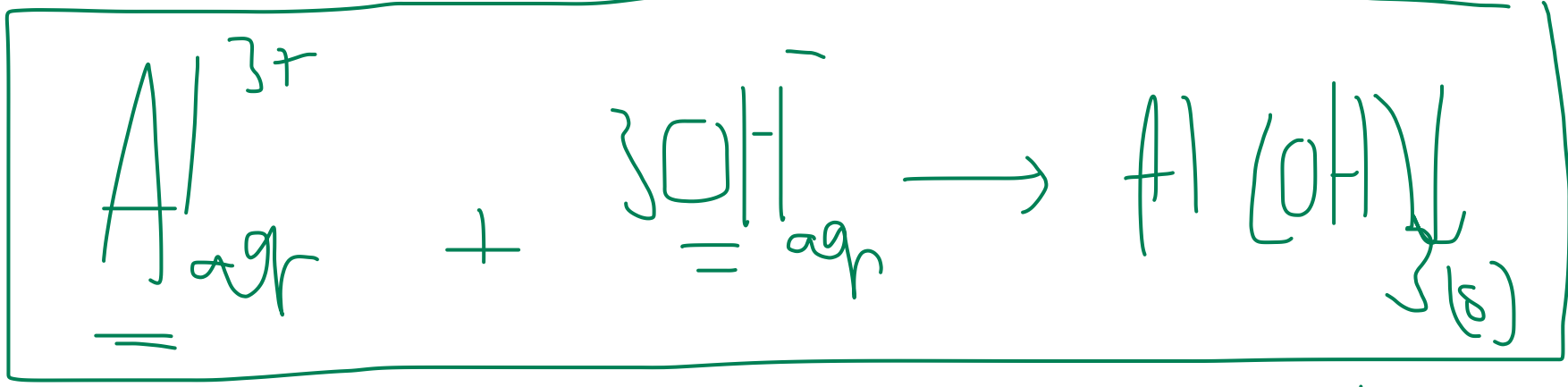
→ OH⁻, CO₃²⁻, S²⁻, PO₄³⁻, SO₄²⁻

soluble
Ba²⁺, Mg²⁺, Ca²⁺



Ionic eqⁿ





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Net eqn

