

Industrial Chemistry

Dealing with gases

Dry collect

Industry of

NH₃ H₂SO₄ CO₃²⁻

Haber process contact process carbonate cycle

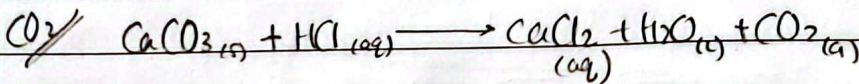
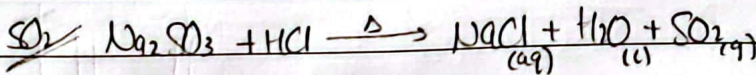
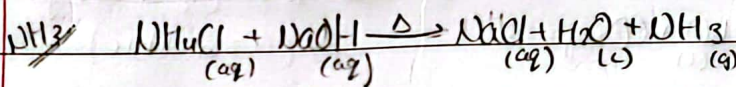
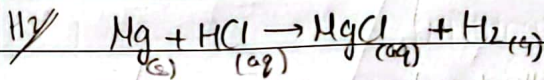
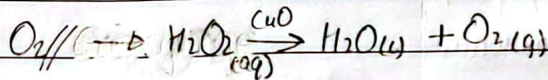
Extraction of metals

Al Fe Zn Cu

① Dealing with gas

Rxn → wet gas → dry → collect.

* collect gas:-



Gas syringe



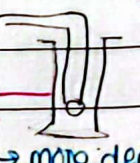
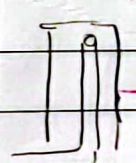
- used to collect and measure the volume of any gas.

- no mixing with other

Delivery tube

upward delivery

downward delivery



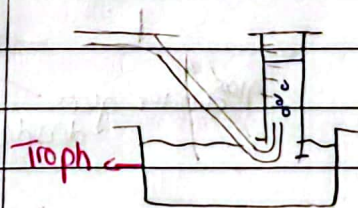
→ less dense than air

→ more dense than air

- mix with air

- an escape

Over water



- Only for insoluble gas