

This is it · The END ·

Sir Pizwan Khan 2020-2021

A batch which never got to see you 😞

Thank you · is not enough!

The notes contain :-

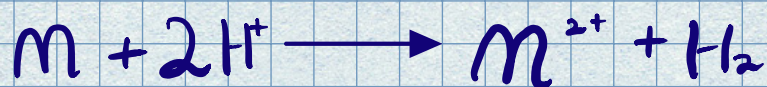
Charge Tons and Volume of Gas

Colour of Substances

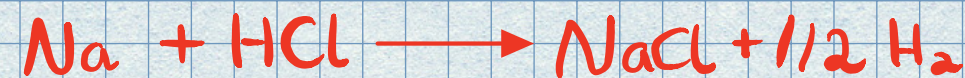
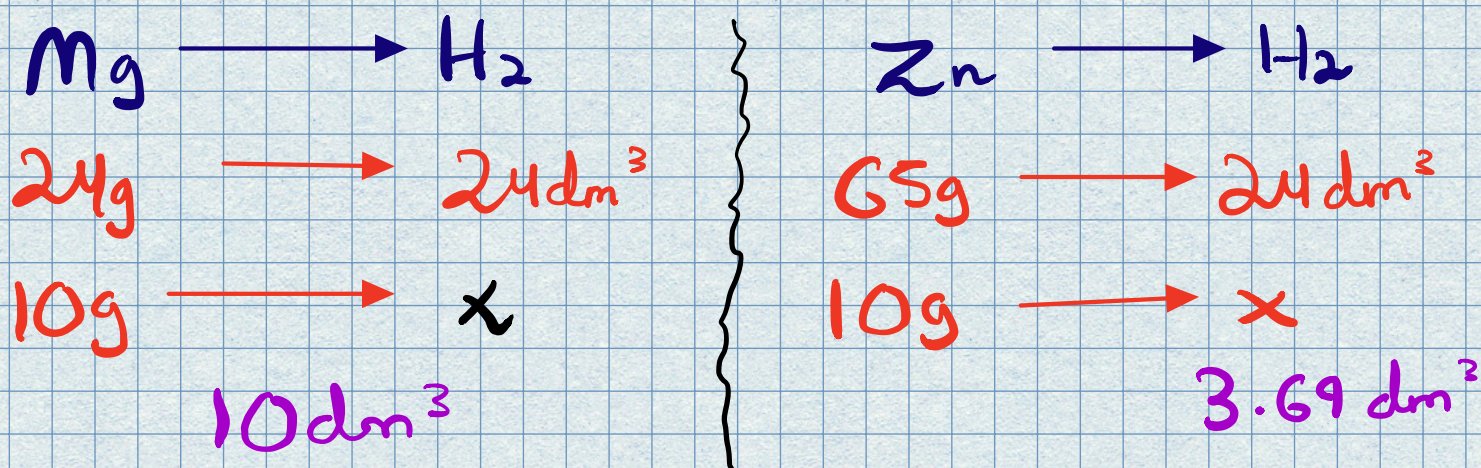
Redox reaction / Identification

Safety Apparatus

Charge Ions and Volume of Gas



Q) 10g of each metal reacted with HCl
Which metal will produce highest vol of Gas!



atomic mass \uparrow volume of gas \downarrow

Charge of metal \uparrow Volume of gas \uparrow

Colour of Substances

Copper

$\text{Cu} \rightarrow$ Pink

$\text{CuO} \rightarrow$ Black

$\text{CuSO}_4 \rightarrow$ Blue

$\text{Cu}(\text{OH})_2 =$ Blue

$\text{CuCO}_3 =$ Green

Group I / II / Al

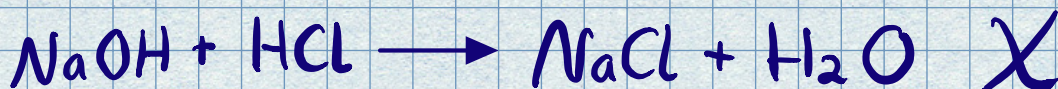
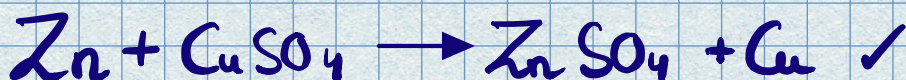
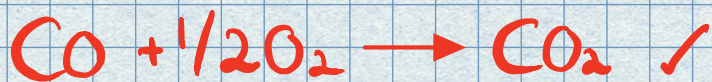
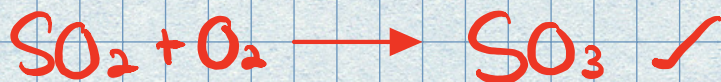
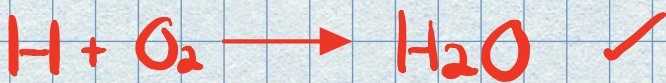
Shiny Silvery White

✓ $\text{NO}_2 =$ Brown

✓ $\text{CO} / \text{CO}_2 =$ Colorless Gases

Redox reaction / Identification

*1) If a reaction have elements or an element either reactant / product or both side of equation
The reaction will be Redox



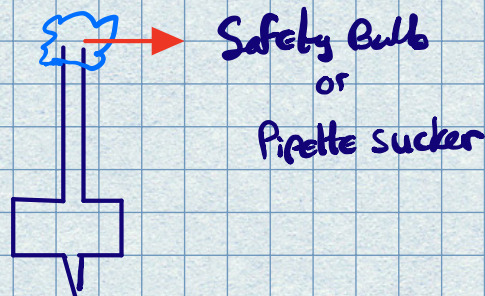
Safety Apparatus :-

CO, NH₃, SO₂, Cl₂ = Poisonous Gas

✓ Gas Mask

✓ Fume cupboard

Pipette :-



✓ Corrosive (damages skin)

→ Conc solutions

✓ Gloves

✓ Eye Protection = Goggles

✓ Stirring = Glass rod

✓ Small solid substance transfer into tube = Spatula