

Hw  
5.10.21

classmate

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① Sodium Chloride consists of Sodium which is a metal ~~not~~ stored in kerosene oil as it reacts faster with oil and water. Chlorine is a greenish-yellow reactive gas which is poisonous.

② Hydrogen and oxygen are the elements which form water.

Water is a compound:-

- Water is formed  $H_2O$ . From whatever source we take water it will be the same  $H_2O$  in the fixed ratio 1:8.
- The properties of water is completely different from its elements. Hydrogen and oxygen support fire but water puts off fire.
- Water molecule can't be broken into Hydrogen and oxygen by simple physical methods. They can be separated only through electrolysis.

③ It is a chemical process in which electric current is passed through a compound in a liquid state and separate its elements.

- ④ Oxygen, Nitrogen, Hydrogen their molecular formula are  $O_2$ ,  $N_2$  and  $H_2$ .
- ⑤ Metals can be drawn into wires thus it is called ductile it can also be beaten into thin sheets ~~except~~ except Zinc.