

Properties

IONIC
e.g. NaCl

Most solids
dissolves in H_2O
Conducts electricity

Covalent
e.g. methane

liquid + gas
doesn't dissolve in
 H_2O
Doesn't conduct
electricity

Covalent

HCl - Hydrochloric Acid

H₂O - Water

CH₄ - Methane (natural gas)

CO₂ - Carbon Dioxide

H₂O₂ - Hydrogen Peroxide

Ionic compounds

NaCl	-	Sodium Chloride	- salt
MgO	-	Magnesium Oxide	- white light
FeS	-	Iron Sulfide	- magnet
CaCl_2	-	Calcium Chloride	- nails
CuSO_4	-	Copper Sulfate	- protein
CaCO_3	-	Calcium Carbonate	- make CO_2
MnO_2	-	Manganese Dioxide	- make O_2
NaOH	-	Sodium Hydroxide	- protein test
Ca(OH)_2	-	Calcium Hydroxide	-

Word equations

Reactants \longrightarrow Products

