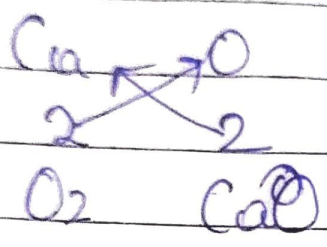
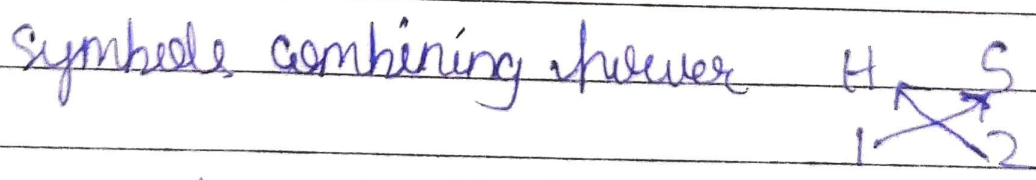


d) calcium - 1 atom
 Carbon - 1 atom
 Oxygen - 3 atoms
 Name of the compound is calcium carbonate

7) Compound calcium oxide is formed of elements calcium (Ca) & oxygen (O)



Symbols combining where here subscript number is same Ca_2 Formula of calcium oxide is CaO compound hydrogen sulphide is formed of elements hydrogen (H), sulphide (S)



Formula is H_2S

Compound carbon monoxide is compound of ~~elements~~ elements carbon (C) & oxygen (O)
 Formula of carbon monoxide is CO
 Formula of lead sulphide is PbS



Symbols combining rules,
 Pb_2S_2 PbS

Here the subscript numbers is same.

Ex III

- 1 a) Diamond, Graphite, coal
- b) Diamond is used as gem
- c) Copper

Aluminium as these are good conductors of electricity.

d) Gold

i) Silver as they are shining, lustrous & ductile

e) Plastic is used as insulator as it is bad conductor of electricity.

2 a) Iron: We make machines tools & building material.

b) Brass: We make water taps & utensils

c) Coal: Coal is used as fuel also used in thermal power plant to produce electricity

3a) Steel is good conductor of heat ~~to~~ cook food, pan is made of steel whereas wood is insulator of heat and the handle is made up of wood.

b) Graphite leaves mark on the paper & makes it black.

c) Neon is inert gas & protects the elements of bulb from oxidation & burning. It increases bulb's life.

4a) Copper & aluminium are good conductors of heat & electricity. They can be drawn into wires & beaten into sheets. They are also used to make electric wires.

b) Metals are ductile, i.e., they can be