

4.2 Names & Formulas of Compounds

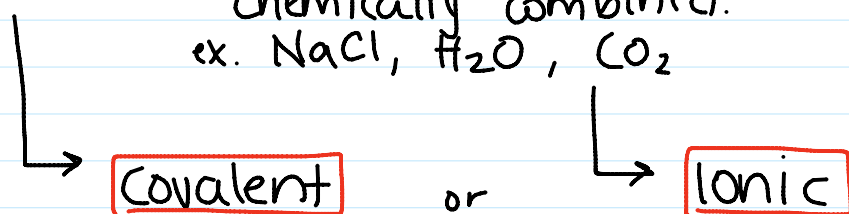
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Review of terms:

element: only 1 type of atom ex. oxygen

molecule: - 2 or more elements chemically combined
- 1 type of atom ex. O_2
↳ 2 atoms of oxygen.

compound: 2 or more different elements chemically combined.
ex. $NaCl$, H_2O , CO_2



- sharing e^-
- atoms overlap
- 2 non-metal elements
ex. HF , H_2O , NH_3 .

↓
Binary Covalent compounds

- e^- are transferred
- metal + non-metal
ex. CaF_2
 $NaCl$

↓
Ionic compounds