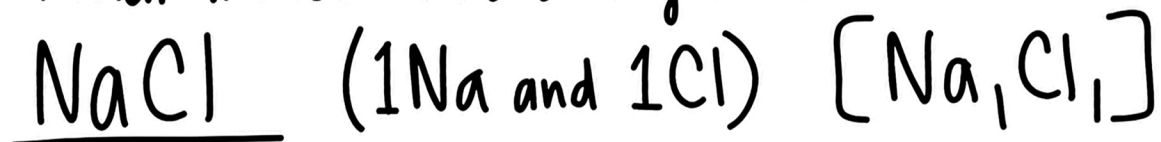


Noteset 5A (Part 4) - In Class Noteset

Calculating Molar Mass of Binary Compounds

The molar mass of a compound is the individual atom molar masses added together.



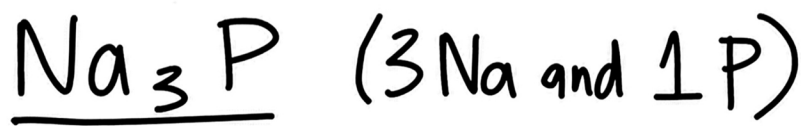
Molar Mass Na : 22.99 g/mol

Molar Mass Cl : 35.45 g/mol

Molar Mass NaCl :

$$22.99 \text{ g/mol} + 35.45 \text{ g/mol} \\ = \underline{58.44 \text{ g/mol}}$$

Counting Atoms



Molar Mass Na : 22.99 g/mol

Molar Mass P : 30.97 g/mol



atoms x Molar Mass

Na: 3 x 22.99 g/mol

P: 1 x 30.97 g/mol

Na₃P : 99.94 g/mol