CH₄
$$\rightarrow$$
 1 Carbon & 4 Hydrgens
NaC₂H₅O \rightarrow 1 Sodium, 2 Carbon,
5 hydrogen, 1 Oxygen

Subscripts are ratios, Fixed ratios ratios are atom ratios or molar vatios

Other representations molecular Formula -> Lewis Structure -> 3D Structure H-N-H NH3 0 0"'1 # of atom in ratios How atoms are connected CNDHX Cl - How to build them BHL Comes Later - Know how to read them

Chemical Formula	 Actom ratios
-	& Some structural info





Find the emperical formula for each formula
belows.
Wedecolar Formulas
a)
$$C_2 + \frac{2}{2} = C + \frac{2}{2} O$$
 Emperical formula



Individuals













$$A = B$$
 $A = B$
 $CA = CB$ $6.022 \times 10^{23} A = 6.022 \times 10^{23} B$