

Numeric prefixes for binary molecules and hydrates

Prefix	Number
hemi-	$\frac{1}{2}$
mono-	1
di-	2
tri-	3
tetra-	4
penta-	5
hexa-	6
hepta-	7
octa-	8
nona-	9
deca-	10

Examples

Cl_2O : dichlorine monoxide

NF_3 : nitrogen trifluoride

N_2O_4 : dinitrogen tetroxide

P_4S_{10} : tetraphosphorus decasulfide

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$: cupric sulfate pentahydrate

Note hemi- is only used for hydrates, not binary molecules.