

Molecular Compounds

Def:	2 or more non-metals covalently bonded (share e ⁻) <u>no</u> ions, <u>no</u> transfer of e ⁻ , <u>no</u> metal	
Ex:	CO	Carbon monoxide
	CO ₂	Carbon dioxide
	N ₂ O ₄	dinitrogen tetraoxide
Greek prefixes	1 mono	6 hexa
	2 di	7 hepta
	3 tri	8 octa
	4 tetra	9 nona
	5 penta	10 deca
Naming	First element - use Greek prefixes for subscripts except mono	
	Second element - use Greek prefixes for subscripts change to "ide"	
ex	N ₂ O ₅	Dinitrogen pentaoxide
<u>Except</u>	NH ₃ - ammonia	Diatomic - say just element name
	H ₂ O - water	