



Naming Ws #4: Molecular Compounds



Rules for naming binary molecular compounds


- 1st element has normal element name.
- 2nd element has ending changed to -ide.
- Use prefixes to indicate how many of each element.
- Do not use a prefix with the first element if there is only one of this element in the compound.

Molecular Naming Prefixes

1	mono	2	di	3	tri	4	tetra	5	penta
6	hexa	7	hepta	8	octa	9	nona	10	deca

A) Name these Molecular Compounds.

	Formula	Name
1.	Cl_2O_7	
2.	N_2O_5	
3.	P_2Cl_3	
4.	FI_2	
5.	CBr_2	
6.	SF_6	
7.	PCl_3	
8.	S_2F_{10}	
9.	N_2O	
10.	NF_3	



B) Write Formulas for these Molecular Compounds.

	Name	Formula
11.	Dinitrogen Tetrahydride	
12.	Carbon Tetrachloride	
13.	Diphosphorus Trioxide	
14.	Dichlorine Heptoxide	
15.	Carbon Dioxide	
16.	Carbon disulfide	
17.	Iodine monofluoride	
18.	Nitrogen triiodide	
19.	Silicon disulfide	
20.	Dinitrogen tetrabromide	