

Naming – Putting It All Together**MOLECULAR COMPOUNDS: Names and Formulas****1. Write the formulas for the following compounds.**

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|-------------------------------|-----------------------------------|
| a. carbon dioxide _____ | k. diphosphorus trisulphide _____ |
| b. silicon dioxide _____ | l. dinitrogen monoxide _____ |
| c. water _____ | m. dichlorine monoxide _____ |
| d. carbon disulphide _____ | n. bromine gas _____ |
| e. sulphur trioxide _____ | o. carbon monoxide _____ |
| f. carbon tetrachloride _____ | p. xenon tetrafluoride _____ |
| g. sulphur dioxide _____ | q. neon gas _____ |
| h. dinitrogen tetroxide _____ | r. silicon tetrahydride _____ |
| i. nitrogen monoxide _____ | s. iodine heptachloride _____ |
| j. arsenic tribromide _____ | t. krypton difluoride _____ |

2. Write the names for the following compounds.

- | | |
|---------------------------------|---------------------------------|
| a. CF_4 _____ | k. NF_3 _____ |
| b. NH_3 _____ | l. P_2S_5 _____ |
| c. PBr_3 _____ | m. PF_5 _____ |
| d. F_2 gas _____ | n. ICl _____ |
| e. CS_2 _____ | o. SeCl_2 _____ |
| f. CO _____ | p. Cl_2O _____ |
| g. SiC _____ | q. AsBr_3 _____ |
| h. N_2O_4 _____ | r. H_2S _____ |
| i. P_2O_5 _____ | s. B_2H_8 _____ |
| j. SF_4 _____ | t. TeCl_2 _____ |

3. Write the formulas for the following compounds.

- | | |
|-------------------------------------|-----------------------------|
| a. calcium fluoride _____ | k. potassium sulphate _____ |
| b. carbon disulfide _____ | l. barium nitride _____ |
| c. nitrogen triiodide _____ | m. aluminum hydroxide _____ |
| d. sodium phosphide _____ | n. fluorine gas _____ |
| e. dichlorine monoxide _____ | o. silicon dioxide _____ |
| f. iron (III) carbonate _____ | p. calcium hydroxide _____ |
| g. sulphuric acid _____ | q. xenon gas _____ |
| h. diphosphorus pentasulphide _____ | r. gold (I) nitrate _____ |
| i. tin (IV) chloride _____ | s. sulphur trioxide _____ |
| j. magnesium chlorate _____ | t. nitric acid _____ |

4. Write the names for the following compounds.

- | | |
|---------------------------------------|-----------------------------------|
| a. CCl_4 _____ | k. NaNO_3 _____ |
| b. $\text{Mg}(\text{ClO}_3)_2$ _____ | l. PCl_5 _____ |
| c. PBr_3 _____ | m. BiF_5 _____ |
| d. H_2 _____ | n. HClO_3 (aq) _____ |
| e. PbS_2 _____ | o. FeCl_2 _____ |
| f. $\text{Al}_2(\text{CO}_3)_3$ _____ | p. N_2O _____ |
| g. Na_2SO_4 _____ | q. CuClO_3 _____ |
| h. Na_2O _____ | r. Li_3PO_4 _____ |
| i. $\text{Al}_2(\text{SO}_4)_3$ _____ | s. SnO _____ |
| j. H_2SO_4 (aq) _____ | t. SeCl_2 _____ |