

Name: _____

Nomenclature E – Naming Molecules

Recall: Molecules contain two or more nonmetals and use the prefix naming system.

Please name the following molecules:

1. SO_2 _____
2. NO _____
3. CO_3 _____
4. PCl_5 _____
5. CCl_4 _____
6. N_2O_5 _____
7. N_5P_3 _____
8. SiO_2 _____
9. S_2F_{10} _____
10. CS_2 _____
11. Cl_2O_6 _____
12. IF_7 _____
13. P_4O_6 _____
14. P_2O_5 _____
15. C_3S_2 _____

Recall: Molecules are covalent compounds so there are NO ions!!

Please write the appropriate formula for the following molecules:

1. disulfur diiodide _____
2. iodine monobromide _____
3. dinitrogen tetraoxide _____
4. bromine trifluoride _____
5. carbon dioxide _____
6. diphosphorous tetrachloride _____
7. iodine heptafluoride _____
8. dichlorine hexaoxide _____
9. tetraphosphorous nonasulfide _____
10. carbon monoxide _____