

Name: _____

Naming Covalent Compounds Worksheet (Chapter 6.5)

— nonmetals to non-metals.

Write the formulas for the following covalent compounds:

1. antimony tribromide $SbBr_3$
2. hexaboron monosilicide B_6Si
3. chlorine dioxide ClO_2
4. hydrogen moniodide omit!
5. iodine pentafluoride IF_5
6. dinitrogen trioxide N_2O_3
7. phosphorus triiodide PI_3
8. dichlorine pentoxide Cl_2O_5
9. phosphorus trichloride PCl_3
10. selenium tetrafluoride SeF_4
11. silicon dioxide SiO_2
12. carbon monoxide CO
13. dinitrogen pentoxide N_2O_5

Write the names for the following covalent compounds:

1. P_4S_5 tetra phosphorus pentasulfide
Don't put Mono at the start!
2. NO_2 Nitrogen dioxide
3. SeF_6 Selenium Hexafluoride
4. Si_2Br_6 Disilicon Hexabromide
5. SCl_4 Sulfur tetrachloride
Common name: Methane! - toxic! - omit.
6. CH_4 Carbon tetrahydride
7. B_2Si diboron monosilicide
8. NF_3 Nitrogen trifluoride
9. CO_2 Carbon dioxide
10. NI_3 Nitrogen triiodide
11. N_2H_4 dinitrogen tetrahydride
12. BF_3 Boron trifluoride
13. Cl_2O_7 dichlorine heptoxide