

KEY

## WRITING FORMULAS & NAMING COVALENT COMPOUNDS

I. Write the chemical formula for the following compounds.

1. Dinitrogen tetroxide  $N_2O_4$
2. Boron trifluoride  $BF_3$
3. Hydrogen monobromide  $HBr$
4. Dinitrogen pentoxide  $N_2O_5$
5. Carbon monoxide  $CO$
6. Silicon tetraiodide  $SiI_4$
7. Nitrogen trifluoride  $NF_3$
8. Tetraphosphorous trisulfide  $P_4S_3$
9. Dihydrogen monoxide  $H_2O$

II. Name the compound of each of the following formulas.

10.  $CO$  carbon monoxide
11.  $CH_4$  carbon tetrahydride
12.  $C_2H_6$  dicarbon hexahydride
13.  $P_4S_3$  tetraphosphorous trisulfide
14.  $As_2O_5$  diarsenic pentoxide
15.  $SeO_2$  Selenium dioxide
16.  $SiI_4$  Silicon tetraiodide
17.  $CO_2$  Carbon dioxide