

## Writing Names and Formulas of Molecular Compounds

1. Write the names of the following molecular compounds.
  - a.  $C_4H_5$
  - b.  $B_2O_3$
  - c.  $SiO_2$
  - d.  $CO$
  - e.  $AtI$
  - f.  $C_7Te_8$
  - g.  $N_2O_4$  (rocket fuel!)
  - h.  $NO_2$
  - i.  $P_2I_9$
  - j.  $CH_4$
  - k.  $C_4H_{10}$
  - l.  $As_6F_6$
2. Write the chemical formulas of the following molecular compounds.
  - a. Dinitrogen pentaoxide
  - b. Sulfur trioxide
  - c. Boron trichloride
  - d. Phosphorous tetrachloride
  - e. Iodine heptafluoride
  - f. Dinitrogen trioxide
  - g. Dinitrogen octaoxide
  - h. Sulfur hexafluoride
  - i. Chlorine dioxide
  - j. Carbon monohydride
  - k. Pentacarbon nonahydride
  - l. Trisilicon hexasulfide
  - m. Triastatine monofluoride
  - n. Pentaphosphorous decabromide
  - o. disulfer octaiodide
  - p. dihydrogen dioxide
  - q. nitrogen trioxide (also called nitrous oxide, or laughing gas)
  - r. boron monophosphide
  - s. pentacarbon hexachloride
  - t. dihydrngen monoxide