

Covalent Compounds

Use with textbook pages 168-172.

1. Write the chemical formula for each of the following binary covalent compounds.

- a) sulfur dioxide _____
- b) carbon tetrafluoride _____
- c) selenium trioxide _____
- d) nitrogen trichloride _____
- e) carbon dioxide _____
- f) boron trifluoride _____
- g) tetrasulfur tetranitride _____
- h) diphosphorus pentoxide _____
- i) carbon disulfide _____
- j) nitrogen monoxide _____
- k) diarsenic trioxide _____
- l) sulfur hexafluoride _____

2. Write the name for each of the following binary covalent compounds.

- a) Cl_2O_7 _____
- b) N_2O_4 _____
- c) SO_3 _____
- d) PCl_5 _____
- e) NF_3 _____
- f) CS_2 _____
- g) SiF_4 _____
- h) N_2O_3 _____
- i) BI_3 _____
- j) ClF_3 _____
- k) SCl_2 _____
- l) CO _____