Naming and Writing Formulas for Covalent (Molecular) Compounds

Name: _____

Part A: Name the covalent compounds

1. CO _____
2. CO_2 _____
3. N_2O_3 _____
4. NP _____
5. SCl_2 _____
6. P_2O_5 _____
7. NBr_3 _____
8. CI_4 _____
9. CCl_4 _____
10. PF_5 _____
11. SeF_2 _____
12. $TeBr_2$ _____
13. P_2S_5 _____
14. C_3N_4 _____
15. CH_4 _____
16. PH_3 _____

17. **Part B: Write the chemical formula**

1. carbon tetrafluoride _____
2. silicon dioxide _____
3. dinitrogen trisulfide _____
4. phosphorus mononitride _____
5. carbon disulfide _____
6. dinitrogen trichloride _____
7. silicon tetrabromide _____
8. carbon dioxide _____
9. nitrogen trifluoride _____
10. boron trisulfide _____
11. disulfur trioxide _____
12. selenium tetrafluoride _____
13. diphosphorus pentasulfide _____
14. sulfur dibromide _____
15. carbon tetrachloride _____
16. dinitrogen tetroxide _____

Naming and Writing Formulas for Covalent (Molecular) Compounds

Name: _____

Part A: Name the covalent compounds.

1. CO carbon monoxide
2. CO_2 carbon dioxide
3. N_2O_3 dinitrogen trioxide
4. NP Nitrogen monophosphide
5. SCl_2 sulfur dichloride
6. P_2O_5 diphosphorous pentaoxide
7. NBr_3 nitrogen tribromide
8. CI_4 chlorine tetraiodide
9. CCl_4 carbon tetrachloride
10. PF_5 phosphorus pentafluoride
11. SeF_2 selenium difluoride
12. $TeBr_2$ tellurium dibromide
13. P_2S_5 diphosphorus pentasulfide
14. C_3N_4 tricarbon tetranitrogen
15. CH_4 carbon tetrahydride
16. PH_3 phosphorus trihydride

Part B: Write the Chemical Formula

1. carbon tetrafluoride CF_4
2. silicon dioxide SiO_2
3. dinitrogen trisulfide N_2S_3
4. phosphorus mononitride PN
5. carbon disulfide CS_2
6. dinitrogen trichloride N_2Cl_3
7. silicon tetrabromide $SiBr_4$
8. carbon dioxide CO_2
9. nitrogen trifluoride NF_3
10. boron trisulfide BS_3
11. disulfurr trioxide S_2O_3
12. selenium tetrafluoride SeF_4
13. diphosphorus pentasulfide P_2S_5
14. sulfur dibromide SBr_2
15. carbon tetrachloride CCl_4
16. dinitrogen tetroxide N_2O_4