

Naming Covalent Compounds(Type III) Worksheet

Write the formulas for the following covalent compounds:

- 1) nitrogen tribromide _____
- 2) hexaboron silicide _____
- 3) chlorine dioxide _____
- 4) hydrogen iodide _____
- 5) iodine pentafluoride _____
- 6) dinitrogen trioxide _____
- 7) ammonia (nitrogen trihydride) _____
- 8) phosphorus triiodide _____
- 9) dihydrogen oxide _____
- 10) diphosphorous pentoxide _____

Write the names for the following covalent compounds:

- 11) P_4S_5 _____
- 12) O_2 _____
- 13) SF_6 _____
- 14) Si_2Br_6 _____
- 15) SCl_4 _____
- 16) CH_4 _____
- 17) B_2Si _____
- 18) NF_3 _____
- 19) H_2O _____
- 20) N_2O_5 _____

Naming Covalent Compounds - Key

Write the formulas for the following covalent compounds:

- 1) Nitrogen tribromide **NBr_3**
- 2) hexaboron silicide **B_6Si**
- 3) chlorine dioxide **ClO_2**
- 4) hydrogen iodide **HI**
- 5) iodine pentafluoride **IF_5**
- 6) dinitrogen trioxide **N_2O_3**
- 7) ammonia (nitrogen trihydride) **NH_3**
- 8) phosphorus triiodide **PI_3**
- 9) dihydrogen monoxide **H_2O**
- 10) diphosphorous pentoxide **P_2O_5**

Write the names for the following covalent compounds:

- 11) P_4S_5 **tetraphosphorus pentasulfide**
- 12) O_2 **dioxide (oxygen)**
- 13) SeF_6 **selenium hexafluoride**
- 14) Si_2Br_6 **disilicon hexabromide**
- 15) SCl_4 **sulfur tetrachloride**
- 16) CH_4 **carbon tetrahydride (methane)**
- 17) B_2Si **diboron silicide**
- 18) NF_3 **nitrogen trifluoride**
- 19) H_2O **dihydrogen monoxide (water)**
- 20) N_2O_5 **dinitrogen pentoxide**