

Name: _____ Per: _____ Date: _____

Naming Covalent Molecules Worksheet

Write the formulas for the following covalent compounds:

- 1) antimony tribromide _____
- 2) hexaboron monosilicide _____
- 3) chlorine dioxide _____
- 4) hydrogen monoiodide _____
- 5) iodine pentafluoride _____
- 6) dinitrogen trioxide _____
- 7) ammonia _____
- 8) phosphorus triiodide _____

Write the names for the following covalent compounds:

- 9) P_4S_5 _____
- 10) O_2 _____
- 11) SeF_6 _____
- 12) Si_2Br_6 _____
- 13) SCl_4 _____
- 14) CH_4 _____
- 15) B_2Si _____
- 16) NF_3 _____

Naming Covalent Compounds Solutions

Write the formulas for the following covalent compounds:

- 1) antimony tribromide **SbBr₃**
- 2) hexaboron monosilicide **B₆Si**
- 3) chlorine dioxide **ClO₂**
- 4) hydrogen monoiodide **HI**
- 5) iodine pentafluoride **IF₅**
- 6) dinitrogen trioxide **N₂O₃**
- 7) ammonia **NH₃**
- 8) phosphorus triiodide **PI₃**

Write the names for the following covalent compounds:

- 9) P₄S₅ **tetraphosphorus pentasulfide**
- 10) O₂ **oxygen**
- 11) SeF₆ **selenium hexafluoride**
- 12) Si₂Br₆ **disilicon hexabromide**
- 13) SCl₄ **sulfur tetrachloride**
- 14) CH₄ **methane**
- 15) B₂Si **diboron monosilicide**
- 16) NF₃ **nitrogen trifluoride**

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