

Naming Covalent Compounds - Key

Write the formulas for the following covalent compounds:

- 1) Nitrogen tribromide **NBr₃**
- 2) hexaboron monosilicide **B₆Si**
- 3) chlorine dioxide **ClO₂**
- 4) hydrogen iodide **HI**
- 5) iodine pentafluoride **IF₅**
- 6) dinitrogen trioxide **N₂O₃**
- 7) ammonia (nitrogen trihydride) **NH₃**
- 8) phosphorus triiodide **PI₃**
- 9) dihydrogen monoxide **H₂O**
- 10) diphosphorous pentoxide **P₂O₅**

Write the names for the following covalent compounds:

- 11) P₄S₅ **tetraphosphorus pentasulfide**
- 12) SiO₂ **silicon dioxide**
- 13) SeF₆ **selenium hexafluoride**
- 14) Si₂Br₆ **disilicon hexabromide**
- 15) SCl₄ **sulfur tetrachloride**
- 16) SO₂ **sulfur dioxide**
- 17) B₂Si **diboron silicide**
- 18) NF₃ **nitrogen trifluoride**
- 19) H₂O **dihydrogen monoxide (water)**
- 20) N₂O₅ **dinitrogen pentoxide**