NAMING COVALENT COMPOUNDS PRACTICE WORKSHEET

A. Write the formulas of the following covalent compounds.

1) Antimony Tribromide _____

2) Hexaboron Silicide _____

3) Chlorine Dioxide _____

4) Hydrogen Iodide _____

5) Iodine Pentafluoride _____

6) Dinitrogen Trioxide _____

7) Ammonia _____

8) Phosphorus Triiodide _____

B. Write the names of the following covalent compounds:

1) P_4S_5 _____

2) O_2 _____

3) SeF_6 _____

4) Si_2Br_6 _____

5) SCl_4 _____

6) CH_4 _____

7) B_2Si _____

8) NF_3 _____

C. Complete the table with the appropriate information.

Name of the Compound	Formula
Dinitrogen Trisulfide	
	ClO_2
Carbon Diselenide	
Xenon Hexafluoride	
	P_4O_{10}

NAMING COVALENT COMPOUNDS PRACTICE WORKSHEET

Answers

A. Write the formulas of the following covalent compounds.

1) Antimony Tribromide ___ $SbBr_3$ ___

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 ___ NH_3 ___

8) Phosphorus Triiodide ___ PI_3 ___

B. Write the names of the following covalent compounds:

1) P_4S_5 ___ Tetraphosphorus Pentasulfide ___

2) O_2 ___ Oxygen ___

3) SeF_6 ___ Selenium Hexafluoride ___

4) Si_2Br_6 ___ Disilicon Hexabromide ___

5) SCl_4 ___ Sulfur Tetrachloride ___

6) CH_4 ___ Methane ___

7) B_2Si ___ Diboron Silicide ___

8) NF_3 ___ Nitrogen Trifluoride ___

C. Complete the table with the appropriate information.

Name of the Compound	Formula
Dinitrogen Trisulfide	N_2S_3
Chlorine Dioxide	ClO_2
Carbon Diselenide	CSe_2
Xenon Hexafluoride	XeF_6
Tetraphosphorus Decaoxide	P_4O_{10}