

# NAMING AND WRITING FORMULAS

FOR

## MOLECULAR COMPOUNDS WORKSHEET

1) Write the formulas of the following compounds.

A) Boron Tribromide

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B) Carbon Dioxide

---

C) Carbon Monoxide

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D) Carbon Tetrachloride

---

E) Dinitrogen Pentoxide

---

F) Disilicon Trioxide

---

G) Nitrogen Dioxide

---

H) Phosphorus Hexafluoride

---

I) Phosphorus Trisulfide

---

J) Trisulfur Monoxide

---

2) Name the following compounds.

A)  $\text{As}_2\text{O}_4$

---

B)  $\text{N}_2\text{Se}_3$

---

C) NO

---

D)  $\text{OCl}_2$

---

E)  $\text{P}_2\text{S}$

---

F)  $\text{PBr}_5$

---

G)  $\text{PH}_3$

---

H)  $\text{S}_2\text{O}$

---

I)  $\text{SeCl}_2$

---

J)  $\text{Si}_3\text{I}_8$

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### Answers

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B) Carbon Dioxide



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F) Disilicon Trioxide



G) Nitrogen Dioxide



H) Phosphorus Hexafluoride



I) Phosphorus Trisulfide



J) Trisulfur Monoxide



2) Name the following compounds.

A)  $\text{As}_2\text{O}_4$

Arsenic Tetroxide

B)  $\text{N}_2\text{Se}_3$

Dinitrogen Triselenide

C)  $\text{NO}$

Nitrogen Monoxide

D)  $\text{OCl}_2$

Oxygen Dichloride

E)  $\text{P}_2\text{S}$

Phosphorus Sulfide

F)  $\text{PBr}_5$

Phosphorus Pentabromide

G)  $\text{PH}_3$

Phosphine or Phosphorus Trihydride

H)  $\text{S}_2\text{O}$

Disulfur Oxide

I)  $\text{SeCl}_2$

Selenium Dichloride

J)  $\text{Si}_3\text{I}_8$

Trisilicon Octoiodide