

Name _____

UGA myID _____

Naming binary compounds (Types I – III)

1. Identify each compound as ionic or covalent, then write the name of each compound. Spelling is important!

	Ionic or covalent?	Name
a. MgO	<input type="text"/>	<input type="text"/>
b. BaBr ₂	<input type="text"/>	<input type="text"/>
c. SeS	<input type="text"/>	<input type="text"/>
d. ZrCl ₄	<input type="text"/>	<input type="text"/>
e. OF ₂	<input type="text"/>	<input type="text"/>
f. I ₂ O ₅	<input type="text"/>	<input type="text"/>
g. Cr ₂ O ₃	<input type="text"/>	<input type="text"/>
h. AlN	<input type="text"/>	<input type="text"/>

Writing formulas for compounds (Types I – III)

2. Identify each compound as ionic or covalent, and write the chemical formula for each compound. Remember proper capitalization!

	Ionic or covalent?	Formula
a. Potassium phosphide	<input type="text"/>	<input type="text"/>
b. Xenon tetrafluoride	<input type="text"/>	<input type="text"/>

c. Dinitrogen trioxide

d. Manganese (IV) oxide

e. Calcium selenide

f. Copper (I) sulfide

g. Dichlorine heptoxide

h. Phosphorus triiodide

i. Lithium fluoride