

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

### **Chemical Formula Writing Worksheet - HONORS**

Write chemical formulas for the compounds in each box. The names are found by finding the intersection between the cations and anions. Example: *The first box is the intersection between the "zinc" cation and the "chloride" anion, so you should write "ZnCl<sub>2</sub>", as shown.*

	zinc	iron (II)	iron (III)	gallium	silver	lead (IV)
chloride	ZnCl <sub>2</sub>					
acetate						
nitrate						
oxide					Ag <sub>2</sub> O	
nitride						
sulfate						

Write the formulas for the following compounds:

- 1) copper (II) chloride \_\_\_\_\_
- 2) lithium acetate \_\_\_\_\_
- 3) vanadium (III) selenide \_\_\_\_\_
- 4) manganese (IV) nitride \_\_\_\_\_
- 5) beryllium oxide \_\_\_\_\_
- 6) sodium sulfate \_\_\_\_\_
- 7) aluminum arsenide \_\_\_\_\_
- 8) potassium permanganate \_\_\_\_\_
- 9) chromium (VI) cyanide \_\_\_\_\_
- 10) tin (II) sulfite \_\_\_\_\_
- 11) vanadium (V) fluoride \_\_\_\_\_
- 12) ammonium nitrate \_\_\_\_\_