

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 "ZnCl₂", as shown.*

	zinc	iron (II)	iron (III)	gallium	silver	lead (IV)
chloride	ZnCl ₂					
acetate						
nitrate						
oxide					Ag ₂ 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 _____