

Practice Quiz: Chemical Formula Writing and Naming

Write chemical formulas for the ionic compounds in each box. Example: The “zinc” cation and the “chloride” anion form the ionic compound “ZnCl₂”, as shown.

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

Write the formulas or names 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) AlAs _____
- 8) KMnO₄ _____
- 9) Cr(CN)₆ _____
- 10) SnSO₃ _____
- 11) VF₅ _____
- 12) NH₄NO₃ _____
- 13) Sulfur trioxide _____
- 14) Carbon tetrachloride _____
- 15) P₂O₅ _____
- 16) S₂F₆ _____