

Naming & Writing Ionic Compounds with Polyatomics

Name: _____

Part I: Provide the name or chemical formula of the following ionic compounds. (*NON-POLYATOMICS*)

1. Pb_3N_2 _____
2. CdO _____
3. Ag_2S _____
4. Calcium Phosphide _____
5. Manganese (II) Arsenide _____

Part II: Provide the name or chemical formula of the following ionic compounds. (*WITH POLYATOMICS*)

6. $\text{Sr}(\text{NO}_2)_2$ _____
7. CuSO_4 _____
8. $\text{Fe}(\text{CrO}_4)_2$ _____
9. Magnesium Acetate _____
10. Ammonium Perphosphate _____

Part III: MIXED PRACTICE – Provide the name and/or chemical formula of the following ionic compounds.

11. Barium Acetate _____
12. $\text{Zn}(\text{OH})_2$ _____
13. Rubidium Selenide _____
14. NaClO _____
15. Copper (IV) Sulfite _____
16. Li_3N _____
17. Lead (IV) Phosphate _____
18. SnBr_2 _____
19. Gallium Iodide _____
20. $\text{Zr}(\text{NO}_4)_6$ _____