

Unit 4 - Naming Worksheet

Part A: Write the correct chemical names for the following compounds. Pay attention to spelling.

What type of compound is this?

1. two nonmetals
2. metal with fixed charge + nonmetal
3. metal with variable charge + nonmetal
4. hydrate
5. binary acid
6. oxyacid

Compound	What type of compound is this?	Name of compound
1. Cu_2O		
2. $\text{Fe}_2(\text{SO}_4)_3$		
3. $\text{K}_2\text{Cr}_2\text{O}_7$		
4. P_4O_{10}		
5. $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$		
6. SnSe_2		
7. $\text{AgC}_2\text{H}_3\text{O}_2$		
8. Mg_3N_2		
9. CaF_2		
10. PbCl_4		

Part B:

Write the correct chemical formulae for the following compounds.

Pay attention to using:

- Correct symbols (case-sensitive)
- Subscripts when necessary
- Bracket only when necessary

11. ammonium nitrate = _____

12. calcium chlorate = _____

13. potassium dichromate = _____

14. plumbic carbonate = _____

15. silver acetate = _____

16. cuprous hydroxide = _____

17. potassium permanganate = _____

18. sulfuric acid = _____

19. stannous hydroxide = _____

20. potassium cyanide = _____