

### Chemistry Naming Worksheet

If the formula is given, provide the name. If the name is given, provide the formula.

#### Ionic Compounds (metals with one valence)

Question	Rough work	Answer	Question	Rough work	Answer
1. magnesium oxide			10. $\text{Li}_2\text{O}$		
2. sodium fluoride			11. $\text{AlCl}_3$		
3. aluminum nitride			12. $\text{MgS}$		
4. potassium sulfide			13. $\text{CaO}$		
5. lithium iodide			14. $\text{KBr}$		
6. calcium bromide			15. $\text{BeF}_2$		
7. beryllium oxide			16. $\text{Na}_3\text{N}$		
8. magnesium nitride			17. $\text{Al}_2\text{O}_3$		
9. aluminum sulfide			18. $\text{K}_3\text{P}$		

#### Polyatomic Compounds (these are still IONIC compounds)

Question	Rough work	Answer	Question	Rough work	Answer
19. magnesium sulfate			29. $\text{Li}_2\text{CO}_3$		
20. sodium chlorate			30. $\text{AlHCO}_3$		
21. aluminum nitrate			31. $\text{Mg}_3(\text{PO}_4)_2$		
22. potassium hydroxide			32. $\text{Ca}(\text{NO}_3)_2$		
23. lithium phosphate			33. $\text{K}_2\text{SO}_4$		
24. calcium carbonate			34. $\text{NaNO}_3$		
25. beryllium sulfate			35. $\text{Al}(\text{OH})_3$		
26. sodium bicarbonate			36. $\text{NaOH}$		
27. magnesium hydroxide			37. $\text{H}_2\text{CO}_3$		
28. aluminum phosphate			38. $\text{K}_3\text{PO}_4$		