

Chemical Formulas Review

Name _____

Period _____

Date _____

Name the following compounds:

1. NaBr _____

2. CaO _____

3. Li₂S _____

4. MgBr₂ _____

5. Be(OH)₂ _____

6. Fe₃P₂ _____

7. (NH₄)₂SO₄ _____

8. Al₂(CO₃)₃ _____

9. MnBr₃ _____

10. CdI₂ _____

Write the formula for the following compounds:

11. potassium iodide _____

12. magnesium oxide _____

13. aluminum chloride _____

14. sodium nitrate _____

15. calcium carbonate _____

16. lithium sulfate _____

17. beryllium phosphide _____

18. magnesium hydroxide _____

19. sodium phosphate _____

20. aluminum carbonate _____

21. calcium chloride _____

22. sodium cyanide _____

23. aluminum oxide _____

24. magnesium acetate _____

25. ammonium chloride _____

26. manganese sulfate _____

27. zinc phosphide _____

28. cadmium (II) iodide _____

29. iron (II) nitrate _____

30. ammonium oxide _____

Ions and Their Charges					
Name	Charge	Symbol/Formula	Name	Charge	Symbol/Formula
Sodium	1+	Na ⁺	Chloride	1-	Cl ⁻
Potassium	1+	K ⁺	Hydroxide	1-	OH ⁻
Lithium	1+	Li ⁺	Nitrate	1-	NO ₃ ⁻
Ammonium	1+	NH ₄ ⁺	Iodide	1-	I ⁻
Barium	2+	Ba ²⁺	Bromide	1-	Br ⁻
Magnesium	2+	Mg ²⁺	Acetate	1-	C ₂ H ₃ O ₂ ⁻
Iron	2+	Fe ²⁺	Cyanide	1-	CN ⁻
Calcium	2+	Ca ²⁺	Sulfate	2-	SO ₄ ²⁻
Beryllium	2+	Be ²⁺	Carbonate	2-	CO ₃ ²⁻
Cadmium	2+	Cd ²⁺	Oxide	2-	O ²⁻
Zinc	2+	Zn ²⁺	Sulfide	2-	S ²⁻
Manganese	3+	Mn ³⁺	Phosphate	3-	PO ₄ ³⁻
Aluminum	3+	Al ³⁺	Phosphide	3-	P ³⁻