

Part I. Write the formulas for the following ionic compounds

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| 1. Calcium fluoride | 2. Mercury (II) chloride |
| 3. Lead (II) phosphate | 4. Potassium nitrite |
| 5. Ammonium nitrate | 6. Calcium hydroxide |
| 7. Barium carbonate | 8. Chromium (III) sulfite |
| 9. Aluminum hydroxide | 10. Ferrous oxide |
| 11. Magnesium acetate | 12. Silver chromate |
| 13. Sodium peroxide | 14. Iron (II) carbonate |
| 15. Potassium chlorate | 16. Cuprous sulfide |

Part II. Name the following ionic formulas

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| 17. KNO_3 | 18. $(\text{NH}_4)_3\text{PO}_4$ |
| 19. ZnI_2 | 20. NaOH |
| 21. $\text{AgC}_2\text{H}_3\text{O}_2$ | 22. CaCO_3 |
| 23. $\text{Cu}(\text{NO}_3)_2$ | 24. PbSO_4 |
| 25. $\text{Fe}_3(\text{PO}_4)_2$ | 26. CaSO_4 |
| 27. Na_2CO_3 | 28. HBr |
| 29. FeCl_3 | 30. KHSO_4 |