

Part I. Write the formulas for the following compounds

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| 1. Calcium fluoride | 2. Mercury (II) chloride | 3. Lead (II) phosphate |
| 4. Potassium nitrite | 5. Sulfur dioxide | 6. Ammonium nitrate |
| 7. Iodine heptafluoride | 8. Calcium hydroxide | 9. Dinitrogen pentaoxide |
| 10. Barium carbonate | 11. Chromium (III) sulfite | 12. Phosphorus pentafluoride |
| 13. Aluminum hydroxide | 14. Carbon monoxide | 15. Ferrous oxide |
| 16. Magnesium acetate | 17. Silver chromate | 18. Sodium peroxide |
| 19. Iron (II) carbonate | 20. Potassium chlorate | 21. Cuprous sulfide |

Part II. Name the following formulas

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| 22. KNO_3 | 23. $(\text{NH}_4)_3\text{PO}_4$ | 24. SO_3 |
| 25. CO_2 | 26. ZnI_2 | 27. NaOH |
| 28. $\text{AgC}_2\text{H}_3\text{O}_2$ | 29. N_2O_4 | 30. CaCO_3 |
| 31. BCl_3 | 32. $\text{Cu}(\text{NO}_3)_2$ | 33. PbSO_4 |
| 34. $\text{Fe}_3(\text{PO}_4)_2$ | 35. PCl_3 | 36. CaSO_4 |
| 37. Na_2CO_3 | 38. HBr | 39. N_2Cl_4 |
| 40. FeCl_3 | 41. KHSO_4 | 42. NO |