## Nomenclature: Thio Compounds and Acid Radical Salts Answers

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| **Write Formulas** | **Write Names** |
| 1. | potassium hydrogen carbonateK+ HCO3-  | KHCO3 | 26. | KHCO3 | potassium hydrogen carbonate |
| 2. | sodium hydrogen phosphateNa+ HPO4- | Na2HPO4 | 27. | Ag2S2O3 | silver thiosulfate |
| 3. | barium thiosulfateBa2+ S2O32- | BaS2O3 | 28. | KH2PO4 | potassium dihydrogen phosphate |
| 4. | magnesium phosphite | Mg3(PO3)2 | 29. | Ca(SCN)2 | calcium thiocyanate |
| 5. | sodium hydrogen thiosulfate | NaHS2O3 | 30. | BaS2O3 | barium thiosulfate |
| 6. | potassium bisulfate | KHSO4 | 31. | NaHCO3 | sodium hydrogen carbonate |
| 7. | potassium thiocyanate | KSCN | 32. | NaOH | sodium hydroxide |
| 8. | sodium dihydrogen phosphate | NaH2PO4 | 33. | CaS2O2 | calcium thiosulfate |
| 9. | ferric hydrogen sulfate  | Fe(HSO4)3 | 34. | KHSO4 | potassium hydrogen sulfate |
| 10. | ammonium hydrogen carbonate | NH4HCO3 | 35. | Bi2(HPO3)5 | bismuth (V) hydrogen phosphite |
| 11. | potassium dihydrogen phosphate | KH2PO4 | 36. | NaH2PO4 | sodium dihydrogen phosphate |
| 12. | ammonium thiosulfate | (NH4)2S2O3 | 37. | PCl5 | phosphorus pentachloride |
| 13. | calcium dihydrogen hypophosphite | Ca(H2PO2)2 | 38. | Na2Cr2O7 | sodium dichromate |
| 14. | aluminum carbonite | Al2(CO2)3 | 39. | Ca(H2PO2)2 | calcium dihydrogen hypophosphite |
| 15. | aluminum hydrogen sulfite | Al(HSO3)3 | 40. | Pb(H2PO2)2 | lead (II) dihydrogen hypophosphite |
| 16. | potassium thiosulfate  | K2S2O3 | 41. | Al(HSO3)3 | aluminum hydrogen sulfite |
| 17. | nickel (II) hydrogen silicate  | Ni(HSiO3)2 | 42. | CaS2O2 | calcium thiosulfate |
| 18. | magnesium dihydrogen phosphate | Mg(H2PO4)2 | 43. | NaClO | sodium hypochlorite |
| 19. | sodium carbonate | Na2CO3 | 44. | CaHPO4 | calcium hydrogen phosphate |
| 20. | sodium hydrogen carbonate | NaHCO3 | 45. | FeCl3 | iron (III) chloride |
| 21. | stannic dihydrogen hypophosphite | Sn(H2PO2)4 | 46. | CaCO3 | calcium carbonate |
| 22. | potassium bisulfite  | KHSO3 | 47. | K2HPO3 | potassium hydrogen phosphite |
| 23. | aluminum dihydrogen phosphite | Al(H2PO3)3 | 48. | KSCN | potassium thiocyanate |
| 24. | sodium bicarbonate | NaHCO3 | 49. | HBr(aq) | hydrobromic acid |
| 25. | silver thiosulfate | Ag2S2O3 | 50. | Ba(HSO3)2 | barium hydrogen sulfite |