**Nomenclature: Hydrates**

|  |  |
| --- | --- |
| **Write Formulas** | **Write Names** |
| calcium sulfate dihydrate | CuSO4•5H2O |
| sodium carbonate decahydrate | Be(NO3)2•3H2O |
| aluminum oxide monohydrate | PtBr4•2H2O |
| ferric chloride hexahydrate | NaC2H3O2•3H2O |
| calcium nitrate trihydrate | MgSO4•7H2O |
| cadmium bromide trihydrate | CaCl2•6H2O |
| chromium (III) nitrate monohydrate | CrF3•4H2O |
| barium hydroxide octahydrate | LiCl•H2O |
| cobalt (II) chloride pentahydrate | Ni(NO3)2•6H2O |
| barium chloride dihydrate | Na3PO3•4H2O |
| aluminum nitrate monohydrate | Cs2CO2•2H2O |
| bromine decahydrate | Cu2SO3•3H2O |

**Nomenclature: Hydrates**

|  |  |
| --- | --- |
| **Write Formulas** | **Write Names** |
| calcium sulfate dihydrateCaSO4•2H2O | CuSO4•5H2Ocopper (II) sulfate pentahydrate |
| sodium carbonate decahydrateNa2CO3•10H2O | Be(NO3)2•3H2Oberyllium nitrate trihydrate |
| aluminum oxide monohydrateAl2O3•H2O | PtBr4•2H2Oplatinum (IV) bromide dihydrate |
| ferric chloride hexahydrateFeCl3•6H2O | NaC2H3O2•3H2Osodium acetate trihydrate |
| calcium nitrate trihydrateCa(NO3)2•3H2O | MgSO4•7H2Omagnesium sulfate heptahydrate |
| cadmium bromide trihydrateCdBr2•3H2O | CaCl2•6H2Ocalcium chloride hexahydrate |
| chromium (III) nitrate monohydrateCr(NO3)3•H2O | CrF3•4H2Ochromium (III) fluoride tetrahydrate |
| barium hydroxide octahydrateBa(OH)2•8H2O | LiCl•H2Olithium chloride monohydrate |
| cobalt (II) chloride pentahydrateCoCl2•5H2O | Ni(NO3)2•6H2Onickel (II) nitrate hexahydrate |
| barium chloride dihydrateBaCl2•2H2O | Na3PO3•4H2Osodium phosphite tetrahydrate |
| aluminum nitrate monohydrateAl(NO3)3•H2O | Cs2CO2•2H2Ocesium carbonite dihydrate |
| bromine decahydrateBr2•10H2O | Cu2SO3•3H2Ocopper (I) sulfite trihydrate |