**Nomenclature: Hydrates**

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| --- | --- |
| **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 dihydrate  CaSO4•2H2O | CuSO4•5H2O  copper (II) sulfate pentahydrate |
| sodium carbonate decahydrate  Na2CO3•10H2O | Be(NO3)2•3H2O  beryllium nitrate trihydrate |
| aluminum oxide monohydrate  Al2O3•H2O | PtBr4•2H2O  platinum (IV) bromide dihydrate |
| ferric chloride hexahydrate  FeCl3•6H2O | NaC2H3O2•3H2O  sodium acetate trihydrate |
| calcium nitrate trihydrate  Ca(NO3)2•3H2O | MgSO4•7H2O  magnesium sulfate heptahydrate |
| cadmium bromide trihydrate  CdBr2•3H2O | CaCl2•6H2O  calcium chloride hexahydrate |
| chromium (III) nitrate monohydrate  Cr(NO3)3•H2O | CrF3•4H2O  chromium (III) fluoride tetrahydrate |
| barium hydroxide octahydrate  Ba(OH)2•8H2O | LiCl•H2O  lithium chloride monohydrate |
| cobalt (II) chloride pentahydrate  CoCl2•5H2O | Ni(NO3)2•6H2O  nickel (II) nitrate hexahydrate |
| barium chloride dihydrate  BaCl2•2H2O | Na3PO3•4H2O  sodium phosphite tetrahydrate |
| aluminum nitrate monohydrate  Al(NO3)3•H2O | Cs2CO2•2H2O  cesium carbonite dihydrate |
| bromine decahydrate  Br2•10H2O | Cu2SO3•3H2O  copper (I) sulfite trihydrate |