

1. KOH	<u>potassium hydroxide</u>	21. NaClO ₃	<u>sodium chlorate</u>
2. LiI	<u>lithium iodide</u>	22. NaC ₂ H ₃ O ₂	<u>sodium acetate</u>
3. AlF ₃	<u>aluminum fluoride</u>	23. Mg(NO ₂) ₂	<u>magnesium nitrite</u>
4. MgO	<u>magnesium oxide</u>	24. NaHCO ₃	<u>sodium bicarbonate</u>
5. MgSO ₄	<u>magnesium sulfate</u>	25. KMnO ₄	<u>potassium permanganate</u>
6. NH ₄ Cl	<u>ammonium chloride</u>	26. Na ₂ CO ₃	<u>sodium carbonate</u>
7. Ba(OH) ₂	<u>barium hydroxide</u>	27. BaF ₂	<u>barium fluoride</u>
8. CaCO ₃	<u>calcium carbonate</u>	28. AgI	<u>silver iodide</u>
9. MgCl ₂	<u>magnesium chloride</u>	29. Zn ₃ (PO ₄) ₂	<u>zinc phosphate</u>
10. NH ₄ NO ₃	<u>ammonium nitrate</u>	30. Na ₃ N	<u>sodium nitride</u>
11. CaC ₂ O ₄	<u>calcium oxalate</u>	31. (NH ₄) ₂ SO ₄	<u>ammonium sulfate</u>
12. (NH ₄) ₃ PO ₄	<u>ammonium phosphate</u>	32. Al(OH) ₃	<u>aluminum hydroxide</u>
13. LiBr	<u>lithium bromide</u>	33. KCl	<u>potassium chloride</u>
14. FeCl ₂	<u>iron(II) chloride</u>	34. NiBr ₃	<u>nickel(III) bromide</u>
15. Co(NO ₃) ₂	<u>cobalt(II) nitrate</u>	35. NiSO ₄	<u>nickel(II) sulfate</u>
16. CrPO ₄	<u>chromium(III) phosphate</u>	36. Cu ₂ CO ₃	<u>copper(I) carbonate</u>
17. FeSO ₄	<u>iron(II) sulfate</u>	37. FeCl ₃	<u>iron(III) chloride</u>
18. PbSO ₄	<u>lead(II) sulfate</u>	38. Fe ₂ O ₃	<u>iron(III) oxide</u>
19. PbS	<u>lead(II) sulfide</u>	39. Hg ₂ Cl ₂	<u>mercury(I) chloride</u>
20. Cu(NO ₃) ₂	<u>copper(II) nitrate</u>	40. CuSO ₄	<u>copper(II) sulfate</u>

Formula Writing for Ionic Compounds

1. potassium iodide	<u>KI</u>	21. lithium acetate	<u>Li C₂H₃O₂</u>
2. barium chloride	<u>BaCl₂</u>	22. silver oxide	<u>Ag₂O</u>
3. aluminum sulfide	<u>Al₂S₃</u>	23. sodium phosphate	<u>Na₃PO₄</u>
4. calcium hydroxide	<u>Ca(OH)₂</u>	24. zinc chloride	<u>ZnCl₂</u>
5. calcium carbonate	<u>CaCO₃</u>	25. sodium bicarbonate	<u>NaHCO₃</u>
6. potassium permanganate	<u>KMnO₄</u>	26. ammonium carbonate	<u>(NH₄)₂CO₃</u>
7. magnesium hydroxide	<u>Mg(OH)₂</u>	27. sodium oxalate	<u>Na₂C₂O₄</u>
8. potassium nitrate	<u>KNO₃</u>	28. ammonium hydroxide	<u>NH₄OH</u>
9. aluminum acetate	<u>Al(C₂H₃O₂)₃</u>	29. lithium hydroxide	<u>LiOH</u>
10. potassium chlorate	<u>KClO₃</u>	30. magnesium chlorate	<u>Mg(ClO₃)₂</u>
11. beryllium sulfate	<u>BeSO₄</u>	31. barium perchlorate	<u>Ba(ClO₄)₂</u>
12. sodium hydroxide	<u>NaOH</u>	32. zinc sulfide	<u>ZnS</u>
13. calcium oxide	<u>CaO</u>	33. aluminum carbonate	<u>Al₂(CO₃)₃</u>
14. sodium fluoride	<u>NaF</u>	34. lithium phosphate	<u>Li₃PO₄</u>
15. iron(II) sulfite	<u>FeSO₃</u>	35. tin(IV) oxide	<u>SnO₂</u>
16. cobalt(II) fluoride	<u>CoF₂</u>	36. gold(III) bromide	<u>AuBr₃</u>
17. copper(I) sulfate	<u>Cu₂SO₄</u>	37. copper(II) sulfate	<u>CuSO₄</u>
18. copper(II) nitrate	<u>Cu(NO₃)₂</u>	38. iron(II) oxide	<u>FeO</u>
19. lead(IV) acetate	<u>Pb(C₂H₃O₂)₄</u>	39. lead(II) chloride	<u>PbCl₂</u>
20. mercury(II) phosphate	<u>Hg₃(PO₄)₂</u>	40. manganese(VII) oxide	<u>Mn₂O₇</u>