

NAMING IONIC COMPOUNDS

Name Key

Name the following compounds using the Stock Naming System.

1. CaCO_3 calcium carbonate
2. KCl potassium chloride
3. FeSO_4 iron (II) sulfate
4. LiBr lithium bromide
5. MgCl_2 magnesium chloride
6. FeCl_3 iron (III) chloride
7. $\text{Zn}_3(\text{PO}_4)_2$ zinc phosphate
8. NH_4NO_3 ammonium nitrate
9. $\text{Al}(\text{OH})_3$ aluminum hydroxide
10. $\text{CuC}_2\text{H}_3\text{O}_2$ copper (I) acetate
11. PbSO_3 lead (II) sulfite
12. NaClO_3 sodium chlorate
13. CaC_2O_4 calcium oxalate
14. Fe_2O_3 iron (III) oxide
15. $(\text{NH}_4)_3\text{PO}_4$ ammonium phosphate
16. NaHSO_4 sodium hydrogen sulfate or sodium bisulfate
17. Hg_2Cl_2 mercury (I) chloride
18. $\text{Mg}(\text{NO}_2)_2$ magnesium nitrate baking soda
19. CuSO_4 copper (II) sulfate ↓ (Arm's Hammer)
20. NaHCO_3 sodium hydrogen carbonate or sodium bicarbonate
21. NiBr_3 nickel (III) bromide
22. $\text{Be}(\text{NO}_3)_2$ beryllium nitrate
23. ZnSO_4 zinc sulfate
24. AuCl_3 gold (III) chloride
25. KMnO_4 potassium permanganate