

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~~ 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 bisulfate)
17. Hg_2Cl_2 Mercury (I) chlorid
18. $\text{Mg}(\text{NO}_2)_2$ Magnesium nitrite
19. CuSO_4 Copper (II) Sulfate
20. NaHCO_3 Sodium hydrogen carbonate (or 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