

Name \_\_\_\_\_

Period \_\_\_\_\_

### Nomenclature Worksheet 5: Ionic Compounds Summary

Name the following compounds:

1.  $\text{CaF}_2$  \_\_\_\_\_
2.  $\text{Na}_2\text{O}$  \_\_\_\_\_
3.  $\text{BaS}$  \_\_\_\_\_
4.  $\text{CuSO}_4$  \_\_\_\_\_
5.  $\text{Fe}_2\text{O}_3$  \_\_\_\_\_
6.  $\text{HgCl}_2$  \_\_\_\_\_
7.  $\text{AgNO}_3$  \_\_\_\_\_
8.  $\text{MgCO}_3$  \_\_\_\_\_
9.  $\text{KC}_2\text{H}_3\text{O}_2$  \_\_\_\_\_
10.  $\text{K}_2\text{Cr}_2\text{O}_7$  \_\_\_\_\_
11.  $\text{Al}(\text{OH})_3$  \_\_\_\_\_
12.  $\text{PbBr}_2$  \_\_\_\_\_
13.  $\text{ZnSO}_3$  \_\_\_\_\_
14.  $\text{NaHCO}_3$  \_\_\_\_\_
15.  $\text{NH}_4\text{Cl}$  \_\_\_\_\_
16.  $\text{Li}_3\text{PO}_4$  \_\_\_\_\_
17.  $\text{SnCl}_2$  \_\_\_\_\_
18.  $\text{Al}(\text{NO}_2)_3$  \_\_\_\_\_
19.  $\text{Rb}_2\text{CrO}_4$  \_\_\_\_\_
20.  $\text{KMnO}_4$  \_\_\_\_\_
21.  $\text{CuCl}$  \_\_\_\_\_
22.  $\text{FeSO}_4$  \_\_\_\_\_

Give the formula for each compound:

23. sodium fluoride \_\_\_\_\_
24. potassium sulfide \_\_\_\_\_
25. calcium carbonate \_\_\_\_\_
26. magnesium hydroxide \_\_\_\_\_
27. zinc nitrate \_\_\_\_\_
28. silver acetate \_\_\_\_\_
29. copper (II) oxide \_\_\_\_\_
30. iron (III) chloride \_\_\_\_\_
31. barium chromate \_\_\_\_\_
32. aluminum oxide \_\_\_\_\_
33. lead (II) sulfate \_\_\_\_\_
34. tin (IV) oxalate \_\_\_\_\_
35. calcium phosphate \_\_\_\_\_
36. lithium permanganate \_\_\_\_\_
37. mercury (I) nitrate \_\_\_\_\_
38. radium sulfite \_\_\_\_\_
39. chromium (III) chloride \_\_\_\_\_
40. ammonium sulfide \_\_\_\_\_
41. copper (II) acetate \_\_\_\_\_
42. calcium bicarbonate \_\_\_\_\_
43. tin (II) oxide \_\_\_\_\_
44. silver sulfite \_\_\_\_\_

Name \_\_\_\_\_

Period \_\_\_\_\_

**Nomenclature Worksheet 4:**  
**Salts Containing Transition Metal Ions**

*Please complete the following table:*

Name of Ionic Compound	Formula of Ionic Compound
1. Copper (II) sulfate	
2. Copper (I) oxide	
3. Chromium (III) cyanide	
4. Cobalt (II) hydroxide	
5. Silver bromide	
6. Zinc nitrate	
7. Iron (III) acetate	
8. Lead (IV) sulfate	
9.	FeCl <sub>2</sub>
10.	PbSO <sub>3</sub>
11.	Co <sub>2</sub> (CO <sub>3</sub> ) <sub>3</sub>
12.	AgNO <sub>3</sub>
13.	Zn(CN) <sub>2</sub>
14.	CuClO <sub>3</sub>
15.	Cr(OH) <sub>3</sub>
16.	Hg <sub>2</sub> O