

Name : ..... Date : .....

## Naming Ionic Compounds Worksheet

Use the Stock Naming System to name the following compounds.

1.  $\text{NiBr}_3$  \_\_\_\_\_

2.  $\text{NaHCO}_3$  \_\_\_\_\_

3.  $\text{MgBr}_2$  \_\_\_\_\_

4.  $\text{FeCl}_3$  \_\_\_\_\_

5.  $\text{Ti}(\text{C}_2\text{H}_3\text{O}_2)_2$  \_\_\_\_\_

6.  $\text{NH}_4\text{OH}$  \_\_\_\_\_

7.  $\text{Hg}_2\text{Cl}_2$  \_\_\_\_\_

8.  $\text{Pb}_3\text{N}_2$  \_\_\_\_\_

9.  $\text{CaC}_2\text{O}_4$  \_\_\_\_\_

10.  $\text{AuCl}_3$  \_\_\_\_\_

11.  $\text{ZnF}_2$  \_\_\_\_\_

12.  $\text{V}_2\text{S}_5$  \_\_\_\_\_

13.  $\text{Ag}_3\text{PO}_4$  \_\_\_\_\_

14.  $\text{NH}_4\text{F}$  \_\_\_\_\_

15.  $\text{Ti}(\text{CN})_4$  \_\_\_\_\_

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## Answers

1.  $\text{NiBr}_3$  Nickel (III) Bromide
2.  $\text{NaHCO}_3$  Sodium Bicarbonate or Sodium Hydrogen Carbonate
3.  $\text{MgBr}_2$  Magnesium Bromide
4.  $\text{FeCl}_3$  Iron (III) Chloride or Ferric Chloride
5.  $\text{Ti}(\text{C}_2\text{H}_3\text{O}_2)_2$  Titanium (II) Acetate
6.  $\text{NH}_4\text{OH}$  Ammonium Hydroxide
7.  $\text{Hg}_2\text{Cl}_2$  Mercury (I) Chloride or Mercurous Chloride
8.  $\text{Pb}_3\text{N}_2$  Lead (II) Nitride
9.  $\text{CaC}_2\text{O}_4$  Calcium Oxalate
10.  $\text{AuCl}_3$  Gold (III) Chloride or Auric Chloride
11.  $\text{ZnF}_2$  Zinc Fluoride
12.  $\text{V}_2\text{S}_5$  Vanadium (V) Sulphide
13.  $\text{Ag}_3\text{PO}_4$  Silver Phosphate
14.  $\text{NH}_4\text{F}$  Ammonium Fluoride
15.  $\text{Ti}(\text{CN})_4$  Titanium (IV) Cyanide