

## Naming Ionic Compounds Practice Worksheet

Name the following ionic compounds:

- 1)  $\text{NH}_4\text{Cl}$  \_\_\_\_\_
- 2)  $\text{Fe}(\text{NO}_3)_3$  \_\_\_\_\_
- 3)  $\text{TiBr}_3$  \_\_\_\_\_
- 4)  $\text{Cu}_3\text{P}$  \_\_\_\_\_
- 5)  $\text{SnSe}_2$  \_\_\_\_\_
- 6)  $\text{GaAs}$  \_\_\_\_\_
- 7)  $\text{Pb}(\text{SO}_4)_2$  \_\_\_\_\_
- 8)  $\text{Be}(\text{HCO}_3)_2$  \_\_\_\_\_
- 9)  $\text{Mn}_2(\text{SO}_3)_3$  \_\_\_\_\_
- 10)  $\text{Al}(\text{CN})_3$  \_\_\_\_\_

Write the formulas for the following compounds:

- 11) chromium (VI) phosphate \_\_\_\_\_
- 12) vanadium (IV) carbonate \_\_\_\_\_
- 13) tin (II) nitrite \_\_\_\_\_
- 14) cobalt (III) oxide \_\_\_\_\_
- 15) titanium (II) acetate \_\_\_\_\_
- 16) vanadium (V) sulfide \_\_\_\_\_
- 17) chromium (III) hydroxide \_\_\_\_\_
- 18) lithium iodide \_\_\_\_\_
- 19) lead (II) nitride \_\_\_\_\_
- 20) silver bromide \_\_\_\_\_

## Solutions for the Naming Ionic Compounds Practice Worksheet

If you need help naming ionic compounds, you should check the helpdesk section of my webpage (<http://www.chemfiesta.com>) for a method that might help you out.

- 1) ammonium chloride
- 2) iron (III) nitrate
- 3) titanium (III) bromide
- 4) copper (I) phosphide
- 5) tin (IV) selenide
- 6) gallium arsenide
- 7) lead (IV) sulfate
- 8) beryllium bicarbonate
- 9) manganese (III) sulfite
- 10) aluminum cyanide
  
- 11)  $\text{Cr}(\text{PO}_4)_2$
- 12)  $\text{V}(\text{CO}_3)_2$
- 13)  $\text{Sn}(\text{NO}_2)_2$
- 14)  $\text{Co}_2\text{O}_3$
- 15)  $\text{Ti}(\text{C}_2\text{H}_3\text{O}_2)_2$
- 16)  $\text{V}_2\text{S}_5$
- 17)  $\text{Cr}(\text{OH})_3$
- 18)  $\text{LiI}$
- 19)  $\text{Pb}_3\text{N}_2$
- 20)  $\text{AgBr}$