

## Review: Naming Ionic Compounds

Write the formulas of the following ionic compounds (1 pt each):

- 1) iron (II) arsenide \_\_\_\_\_
- 2) lead (II) sulfate \_\_\_\_\_
- 3) lead (IV) hydroxide \_\_\_\_\_
- 4) copper (II) acetate \_\_\_\_\_
- 5) beryllium chloride \_\_\_\_\_
- 6) ammonium chromate \_\_\_\_\_
- 7) silver oxide \_\_\_\_\_
- 8) potassium sulfide \_\_\_\_\_

Write the names of the following ionic compounds (1 pt each):

- 9) KI \_\_\_\_\_
- 10)  $\text{Mn}_2(\text{SO}_3)_7$  \_\_\_\_\_
- 11)  $\text{SnBr}_4$  \_\_\_\_\_
- 12)  $\text{Mg}_3\text{P}_2$  \_\_\_\_\_
- 13) NaF \_\_\_\_\_
- 14)  $\text{Sr}(\text{MnO}_4)_2$  \_\_\_\_\_
- 15)  $\text{Cr}(\text{PO}_4)_2$  \_\_\_\_\_
- 16)  $\text{Al}_2\text{Se}_3$  \_\_\_\_\_

## **Review: Naming Ionic Compounds - Answers**

Write the formulas of the following ionic compounds (1 pt each):

- 1) iron (II) arsenide       **$\text{Fe}_3\text{As}_2$**
- 2) lead (II) sulfate       **$\text{PbSO}_4$**
- 3) lead (IV) hydroxide       **$\text{Pb}(\text{OH})_4$**
- 4) copper (II) acetate       **$\text{Cu}(\text{C}_2\text{H}_3\text{O}_2)_2$**
- 5) beryllium chloride       **$\text{BeCl}_2$**
- 6) ammonium chromate       **$(\text{NH}_4)_2\text{CrO}_4$**
- 7) silver oxide       **$\text{Ag}_2\text{O}$**
- 8) potassium sulfide       **$\text{K}_2\text{S}$**

Write the names of the following ionic compounds (1 pt each):

- 9) KI      **potassium iodide**
- 10)  $\text{Mn}_2(\text{SO}_3)_7$       **manganese (VII) sulfite**
- 11)  $\text{SnBr}_4$       **tin (IV) bromide**
- 12)  $\text{Mg}_3\text{P}_2$       **magnesium phosphide**
- 13) NaF      **sodium fluoride**
- 14)  $\text{Sr}(\text{MnO}_4)_2$       **strontium permanganate**
- 15)  $\text{Cr}(\text{PO}_4)_2$       **chromium (II) phosphate**
- 16)  $\text{Al}_2\text{Se}_3$       **aluminum selenide**