

### Naming Ions Worksheet answers

1. Give the formula for each of the following ionic compounds

- a. magnesium fluoride – **MgF<sub>2</sub>**
- b. tin (IV) oxide – **SbO<sub>2</sub>**
- c. barium chloride – **BaCl<sub>2</sub>**
- d. iron (III) perchlorate – **Fe(ClO<sub>4</sub>)<sub>3</sub>**
- e. silver (I) chromate – **Ag<sub>2</sub>CrO<sub>4</sub>**
- f. nickel (III) cyanide – **Ni(CN)<sub>3</sub>**

2. Name the following ionic compounds

- a. MgBr<sub>2</sub> – **magnesium bromide**
- b. LiNO<sub>3</sub> - **lithium nitrate**
- c. CuCO<sub>3</sub> – **copper (II) carbonate**
- d. Ag<sub>2</sub>CrO<sub>4</sub> – **silver (I) chromate**
- e. Fe<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub> – **iron (III) carbonate**
- f. (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> – **ammonium sulfate**