Name Period Date

**Ionic Compounds – Ch. 6 & 7**

**Part A – Ionic Names**

Name the following ionic compounds. Remember to consider polyatomic ions and Roman numerals.

1. ZnCl2
2. Cu2CO3
3. Na2C2O4
4. Fe2O3
5. MgCO3
6. NH4NO3
7. LiF
8. SnBr4

**Part B – Ionic Formulas**

Write formulas for the following ionic compounds. Remember to consider polyatomic ions and Roman numerals.

1. potassium iodide
2. iron(III) sulfide
3. potassium phosphate
4. magnesium chloride
5. tin(IV) chloride
6. sodium hydroxide
7. mercury(II) oxide
8. aluminum acetate

## Part C – Acid Names

Write names for the following acids.

1. HNO3
2. HCl
3. HClO2
4. H3PO4
5. HI
6. H2SO3
7. HClO4
8. H2C2O4

**Part D – Acid Formulas**

Write formulas for the following acids.

1. hydrofluoric acid
2. sulfuric acid
3. carbonic acid
4. hydrobromic acid
5. hypochlorous acid
6. nitrous acid
7. acetic acid
8. hydrosulfuric acid