

Name _____ Period _____

Chemistry
Names and Formulas Practice Test

Form P

Part I: Fill in formulas for the following combination of ions.

	F^-	S^{2-}	SO_4^{2-}	PO_3^{3-}
Cs^+				
Ca^{2+}				
B^{3+}				
K^+				
NH_4^+				

Part II: Write the names of the following Ionic compounds:

A. $BaCl_2$ _____

B. KCl _____

C. Na_2SO_4 _____

D. K_3PO_4 _____

E. Cr_2O_3 _____

Molecular Compounds

A. SF_4 _____

B. CO_2 _____

C. N_2O_4 _____

D. H_2O _____

E. ClO_2 _____

Part III: Are the following chemical or physical changes.

1. _____ Breaking glass.

2. _____ Burning wood.

3. _____ Freezing water.

4. _____ Making brownies.

5. _____ Heating water.

Part IV: Write the formula for the compound that is listed:

- | | |
|-------------------------|----------|
| 1. dichlorine monoxide | 1. _____ |
| 2. nitrogen trifluoride | 2. _____ |
| 3. chlorine dioxide | 3. _____ |
| 4. sulfur hexafluoride | 4. _____ |
| 5. nitrogen dioxide | 5. _____ |
| 6. copper (I) fluoride | 6. _____ |
| 7. copper (II) fluoride | 7. _____ |
| 8. ammonium acetate | 8. _____ |

Part V: Define the following terms:

Atom

Ion

Isotope

Cation

Monoatomic

Organic

Molecular

Molecule

Element

Compound

Anion

Polyatomic

Inorganic

Ionic