Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ionic Compounds Pre-Assessment

1. What is an ion?
   1. an atom with a different number of neutrons
   2. an atom with a different number of electrons
   3. an atom with a different number of protons
   4. an atom with a different mass
2. What is a cation?
   1. a positive ion
   2. a neutral ion
   3. a negative ion
   4. nonmetal
3. What is an anion?
   1. a positive ion
   2. a neutral ion
   3. a negative ion
   4. metal
4. Write a formula given the ions: Na+1 and Cl-1
   1. NaCl
   2. NaCl2
   3. Na2Cl
   4. NaCl3
5. Write a formula for magnesium chloride.
   1. MgCl
   2. MgCl2
   3. Mg2Cl
   4. MnCl
6. Name the following compound: CuSO4
   1. copper sulfur oxygen
   2. copper (I) sulfoxide
   3. copper sulfite
   4. copper (II) sulfate