Name _____ Date _____

Writing Formulas and Naming Binary Ionic Compounds Activity

Directions:

1. Working with a partner, roll the pink dice and green dice to get the elements for each binary compound.
2. Determine their oxidation number, using the periodic table.
3. Write the formula for the binary ionic compound.
4. Write the name for the binary ionic compound.
5. Repeat the process until you have named 10 different binary ionic compounds.

Tips:

- Always write the metal element first (in the formula and the name)
- Remember not to change the metal element's name at all
- Change only the ending of the non-metal element

Binary Ionic Compounds

1. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

2. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

3. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

4. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

5. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

6. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

7. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

8. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

9. Cation: _____ Anion: _____

   Chemical formula _____

   Name _____

10. Cation: _____ Anion: _____

    Chemical formula _____

    Name _____