**Naming Ionic Compounds**

Remember, an Ionic Compound is made of:

How to name it:

Examples:

LiF –

CaO –

Os3N4 –

Remember, Multivalent metals:

**Naming Compounds with Multivalent Metals**

1. Break the compound into its parts
2. Balance the charges of the ions
3. Use a Roman Numeral to say which ion the metal is

Fe2O3 –

MoN2 –

**Polyatomic ions**

Polyatomic ions are a combination of regularly occurring ions that often show up together as a group.

When naming have your table of polyatomic ions handy, you do not have to memorize the names of polyatomic ions.

Naming rule:

Examples:

MgCr2O7 –

(NH4)2O –

Cu2(SO3)3 –