

Chemistry CP

Name: _____

Ionic Names and Formulas (Ch. 4.1 A, 4.2 A & C)

Section: _____

Assignment	Due Date
1. Learn the names and symbols for "More Elements"-- 1 column on pair tutoring sheet	Wednesday, 10/19
2. Learn the names and symbols for "More Elements"-- 1 column on pair tutoring sheet	Thursday, 10/20
3. Complete p. 126 # 1,3,4,6	
4. Handout	Friday, 10/21
5. Learn the polyatomic ions—1 column on pair tutoring sheet	Monday, 10/24
6. Complete p. 127 # 18, 21	
7. Study for quiz on the polyatomic ions—1 column on pair tutoring sheet	Tuesday, 10/25
8. Handout	Wednesday, 10/26
9. Study for quiz on ionic names and formulas	Thursday, 10/27

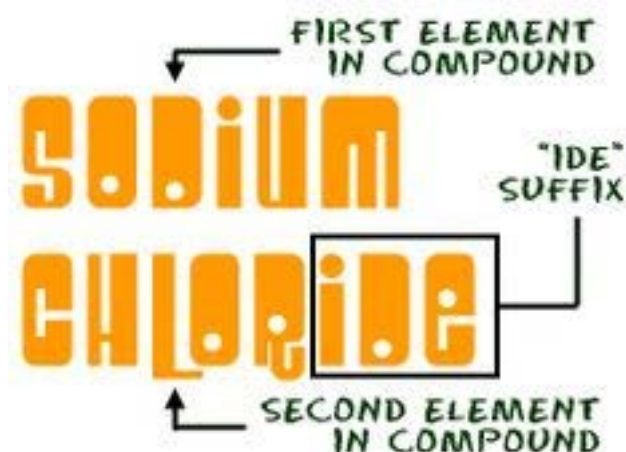
Dates to Remember:

Quiz on polyatomic ions: Tuesday, 10/25

Quiz on naming ionic compounds and writing formulas: Thursday, 10/27

At the end of this unit, you should be able to:

- Infer the charge on a monatomic ion using the periodic table.
- Determine the formula of a Type I binary ionic compound formed between two given ions.
- Name an ionic compound given its formula using Stock notation (Type I and Type II cations).
- Define a polyatomic ion and memorize the names and formulas of common polyatomic ions.
- Write the formula of a ternary ionic compound containing both Type I and Type II cations.



Some Useful Websites

http://www.mpcfaculty.net/mark_bishop/ionic_nomenclature_help.htm

<http://www.chem.vt.edu/RVGS/ACT/notes/Nomenclature.html>

http://science.widener.edu/svb/pset/nomen_b.html

<http://www.quia.com/mc/65800.html> matching game for binary ionic compounds

<http://www.quia.com/cc/65800.html> concentration game for binary ionic compounds

<http://www.quia.com/jg/65767.html> for ternary ionic compounds

<http://www.shodor.org/unchem/basic/nomen/index.html>

<http://www.sciencegeek.net/Chemistry/taters/directory.shtml> Look at the unit 3 activities

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH603> Chemical Formulas learning object

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH603> Names & formulas—ionic compounds with metals that form only one cation

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH3204> Names and formulas with Roman numerals (Stock notation)

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH3304> Compounds with polyatomic ions