

Chemistry CP

Name: _____

Chemical Names and Formulas

Section: _____

Assignment	Due Date
1. Complete the www.chemthink.com tutorial on Ionic Formulas	Tuesday, 12/4
2. Complete p. 235 # 5-7	
3. Learn the polyatomic ions—1 column on pair tutoring sheet	Wednesday, 12/5
4. Handout on formula writing for ternary ionic compounds	
5. Learn the polyatomic ions—1 column on pair tutoring sheet	Thursday, 12/6
6. Complete pp. 236-237 #25, 26, 39, 42	
7. Learn the polyatomic ions—1 column on pair tutoring sheet	Friday, 12/7
8. Work on minilab writeup (individual)	
9. Complete minilab writeup	Monday, 12/10
10. Study for quiz on ionic formula writing and naming Suggestions: http://chemistry2.csudh.edu/homework/hwintro.html #59, 60 http://www.sciencegeek.net/Chemistry/taters/Unit4IonicCompoundFormulas.htm http://www.kentschools.net/ccarman/cp-chemistry/practice-quizzes/compound-naming/ select ionic formulas only, names and formulas	Tuesday, 12/11
11. Prelab assignment	Wednesday, 12/12
12. Handout on names and formula practice	
13. Complete the www.chemthink.com tutorial on Covalent Formulas	Thursday, 12/13
14. Study for quiz on naming covalent compounds and writing formulas	Friday, 12/14
15. Go to http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH7004 and complete learning object	Monday, 12/17

Dates to Remember:

Quiz on polyatomic ions: Friday, 12/7

Quiz on naming ionic compounds and writing formulas: Tuesday, 12/11

Quiz on naming covalent compounds and writing formulas: Friday, 12/14

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 an ionic compound formed between two given ions.
- Name an ionic compound given its formula using Stock notation.
- Define a polyatomic ion and memorize the names and formulas of common polyatomic ions.
- Write the formula of a ternary ionic compound.
- Using prefixes, name a binary molecular compound from its formula.
- Write the formula of a binary molecular compound given its name.
- Classify compounds as either ionic or molecular.

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