

Science 10

Monday, March 13/17

<http://mvhs.nbed.nb.ca/>



<http://mvhs-sherrard.weebly.com/>



1. Assignment - All Ionic Compounds
- Tuesday, March 14
 2. Worksheet - Practice: Binary Covalent Compounds
Worksheets - Mixed Ionic and Covalent Compounds (2)
 3. Counting Atoms
 4. [Worksheet - Counting Atoms in Compounds - HW](#)
-
5. Chemical Reactions
 - Notes
 - Video
 6. Law of Conservation of Mass
 7. Balancing Chemical Reactions
 8. Worksheet - Balancing Chemical Equations
 9. Types of Chemical Reactions
 10. Formation Reactions
 11. Decomposition Reactions
 12. Worksheet: Formation and Decomposition Reactions

Types of Ions

monatomic ions

1 type of atom involved



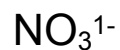
polyatomic ions

more than 1 type of atom involved

End in: -ate

-ite

-ide



ions of multivalent metals

1 type of atom involved

names include roman numerals

copper (I) ion Cu^{1+}

copper (II) ion Cu^{2+}

- i) Identify each compound as ionic or molecular.
 ii) Write the name of each compound.

	Type	Chemical Name
a) N_2F_4 L m	<u>M</u> prefixes	<u>dinitrogen tetrafluoride</u>
b) Li_3P L m	<u>I</u>	<u>lithium phosphide</u>
c) $Mg_3(BO_3)_2$ L m	<u>I</u>	<u>magnesium borate</u>
d) $CuCl_2$ L m	<u>I</u>	<u>copper(II) chloride</u>
e) $(NH_4)_2O$ L *	<u>I</u>	<u>ammonium oxide</u>

front
 metal } I
 NH_4^+

Physics 112

Monday, March 13/17

<http://mvhs.nbed.nb.ca/>



<http://mvhs-sherrard.weebly.com/>



1. Check - [Worksheet: Velocity-Time Graph #1-4 - HW Again](#)
2. Word Problem Checklist
3. Uniform Motion - Kinematic Equation
4. Uniformly Accelerated Motion - Kinematic Equation #1
[HW - Finish Example](#)

5. Uniformly Accelerated Motion - Kinematic Equation #2
6. Uniformly Accelerated Motion - Kinematic Equation #3
7. Uniformly Accelerated Motion - Kinematic Equation #4
8. Worksheet - Motion Problems

Physics 122

Monday, March 13/17

<http://mvhs.nbed.nb.ca/>



<http://mvhs-sherrard.weebly.com/>



1. Return Marks -> SA - U1 S1 - 3 Problems (40 minutes)
-> Lunch/After School
2. Steps for Solving Static Torque Problems - Continue
3. [Worksheet - Static Torque #1 - HW](#)

4. Torque - Forces Acting at Angles