

Science 9

Monday, September 30/19

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

Student Data Collection Sheet - Return ASAP

Ms. Hamilton -> STEM (Tomorrow)

-> Journal/Entry for Oct. 1/19

1. Return:

SA – Scientific Notation and Conversions

Second Attempt: Thursday/Friday

312-2 -> Describe and classify the major components of the universe: nebulae, galaxies, giant stars, dwarf stars, quasars and black holes.

2. Video Clip - The Life Cycle of Stars

3. Concept Map - The Life Cycle of Stars

4. Galaxies and Their Classification

- Spiral Galaxy
- Elliptical Galaxy
- Irregular Galaxy

5. Quasars

Scientific Notation

$$\square . \square \square \dots \times 10^{\boxed{+/-}} \text{ unit.}$$

$$0.0203 \text{ m} = 2.03 \times 10^{-2} \text{ m}$$

→ ⊖ exponent

$$40538 \text{ kg} = 4.0538 \times 10^{+2} \text{ kg}$$

exponent ⊕ ←

Conversions

$$1 \text{ cm} = 10 \text{ mm}$$

$$0.45 \text{ cm} \rightarrow \text{mm}$$

$$0.45 \text{ cm} \times \frac{10 \text{ mm}}{1 \text{ cm}} = \underline{4.5} \text{ mm}$$

Physics 112

Monday, September 30/19

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



1. LC for FA - U1S1: Calculate **R** -> **Deadline: Monday, Sept. 30/19**
2. Handout: Interpreting Position vs. Time and Velocity vs. Time Graphs ***Tomorrow**
3. Velocity-Time Graph Calculations
4. Example - #1 from Worksheet: U1-S2 - Graphical Analysis
5. **Worksheet: U1-S2 -> Graphical Analysis - Try #2**

Physics 122

Monday, September 30/19

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1. Return FA Duo-Tangs
 2. FA - Type III - Inclined Plane Problem - Deadline: Mon., Sept. 30
FA - Force Problems: Type I, II and III (Extra)
 3. Worksheet - 2D Force and [Static Torque Problems](#)
 4. Examples: Type II - Static Torque Problems
 5. SA - Unit 1: S1 &2 -> Friday, Oct. 4/19
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Science 10

Monday, September 30/19

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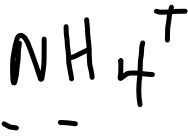
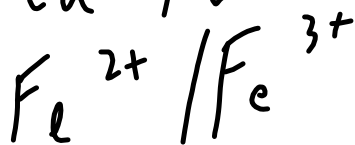
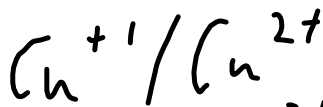


1. Check:
Worksheet #5: Ionic Compounds Summary
Worksheet - Lots of Ionic Naming Practice Problems (Extra)
2. FA - Mixed Ionic Compounds - Put in P5 Drawer
3. Reminder: Forming Ionic Bonds
4. Handout: Covalent Bonds
5. Handout: Diatomic Molecules
6. Handout: Naming Binary Molecular Compounds
7. [Worksheet - Binary Molecular Compounds #1](#)
Worksheet - Binary Molecular Compounds #2 (Extra)

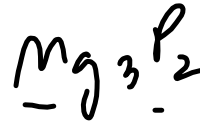
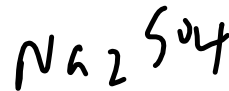
8. Ionic vs. Molecular Compounds
9. Handout: Topics: SA - Chemistry #2
10. Review for SA - Chemistry #2

Atoms.
 $\#p^+ = \#e^-$
 neutral
Ions.
 $\#p^+ \neq \#e^-$
 electrically
 charged.
monatomic

mono = 1

polyatomicions of multivalent
metals.Compounds.

neutral

Simple binary
ionic cpts.ionic cpts
polyat. ionionic cpts
multivalentionic cpts
multivalent +
polyat.