Science 10

Thursday, February 15/18

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1. Assignment - Your Name in Chemical Symbols
   - Due: Wed. Feb 21/18
2. Ionic Bonds
3. Simple Binary Ionic Compounds - To Be Continued

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4. Worksheet #2 - Simple Binary Ionic Compounds
5. Polyatomic Ions
6. Polyatomic Ion Bingo
7. Ionic Compounds Containing Polyatomic Ions
8. Worksheet #3 - Ionic Compounds Containing Polyatomic Ions

Physics 112

Thursday, February 15/18

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1. Return -> SA - Basic Skills
   -> Request for Redo Form
   -> Make Corrections
   -> Redo by Friday, Feb. 23/18

2. Adding Vectors Analytically - Examples - Continue

3. Worksheet – U1-S1: Vector Analysis - Practice

4. c) $\left|\frac{e}{y}\right| = \left|\frac{x-r}{g+5}\right|$ [g]

$$\frac{e(g+5)}{e} = \frac{y(x-r)}{e}$$

$$g+5 = \frac{y(x-r)}{e}$$

$$g = \frac{y(x-r)}{e} - 5$$

4. b) $E_s = \frac{1}{2}kx^2$

$$2E_s = \frac{kx^2}{2} \cdot 2 \quad [\times]$$

$$\frac{2E_s}{k} = \frac{kx^2}{k}$$

$$\sqrt{\frac{2E_s}{k}} = \sqrt{x^2}$$

$$\sqrt{\frac{2E_s}{k}} = x$$

Physics 122

Thursday, February 15/18

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1. Return: FA - DE1.3 and DE1.4
2. Worksheet - Type II - Complex
3. Type III: Inclined Planes
4. Example - Type III: Inclined Plane Problem
5. Worksheet - Type III Force Problems

Science 122

Thursday, February 15/18

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1. Worksheet - Practice Problems Lenses
   Reviewing Concepts, Applying Concepts and Problem for Mirrors and Lenses

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2. Experiment 37 - Image Formation by a Converging Lens - P167

3. Lenses in Combination