

Physics 112

Monday, September 11/17

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1. Class List/Seating Plan
 2. **Assignment - Alphabetical Autobiography**
 - Due: Frid., Sept. 8/16
 - 1 Day Late
 - Check in by Friday, Sept. 15/17
 3. Formative Assessment (FA) - Basic Skills #1
 4. Metric Conversions
 5. **Worksheet - Conversions and Rearranging Formulas**
 - HW - Try Conversions.
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6. Rearranging Equations
 7. Worksheet - Conversions and Rearranging Formulas
 8. Summative Assessment - Basic Skills
 - TBA
 9. Concept Sheet -> Unit 1 - Section 1: Vector Analysis
 10. Unit 1 - Learning Targets
 11. Mechanics
 12. Types of Physical Quantities
 13. Vectors: Direction, Notation and Representation
 14. Adding Vectors Graphically
 15. Range of Resultant Magnitudes

Physics 112 - FA - Basic Skills #1 - S11/17

1. Define physics.
2. Every measurement has two parts. What are they?
3. Write 0.0348 m in scientific notation.
4. Describe the results below in terms of accuracy and precision.



5. How many significant digits does each measurement have?
 - a) 1.08 g
 - b) 0.0020 mm
 - c) 8.970×10^3 kg
6. What rule is used to determine the number of significant digits of your final answer when adding and subtracting measurements?
7. Name the seven base SI units.

Physics 122

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Wednesday - Assembly (Attendance -> Gym)

1. Class List/Seating Plan
2. FA - Determine \vec{R} .
4. Check - Example - Type I: Pull
5. [Worksheet: Force Problems - Type I - HW](#)

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6. Static Equilibrium
 7. Type II: Suspended Objects - Simple
 8. Example - Type II: Suspended Objects - Simple
 9. Worksheet - Type II - Simple

Physics 122 - FA - Determine \vec{R} - S11/17

Determine the resultant of 43 N, 50° N of E and 57 N, W.

Science 10

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1. Class List/Seating Plan
 2. **Assignment - Autobiographical Poem**
Due: Friday, Sept. 8/17
1 Day Late
 3. **Formative Assessment - Return - Period 4**
Monday, Sept. 11/17 - Period 5
 4. Duo-Tangs
 5. Atomic Number
 6. Ions
 7. **Worksheet - Chemistry: Ions and Subatomic Particles - HW**
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8. Naming Monatomic Ions
 9. Periodic Table of Ions
 10. Worksheet #1 - Monatomic Ions
 11. Assignment - Your Name in Chemical Symbols
- Due: _____
 12. Ionic Bonds
 13. Simple Binary Ionic Compounds
 14. Worksheet #2 - Simple Binary Ionic Compounds