

Physics 112

Wednesday, September 13/17

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Bus Evacuation - Tomorrow P2

1. **Assignment - Alphabetical Autobiography**
- Check in by Friday, Sept. 15/17
2. Check -> Worksheet - Conversions and Rearranging Formulas
3. Summative Assessment - Basic Skills
- Topics
- Frid, 15/17.

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4. Concept Sheet -> Unit 1 - Section 1: Vector Analysis
 5. Unit 1 - Learning Targets
 6. Mechanics
 7. Types of Physical Quantities
 8. Vectors: Direction, Notation and Representation
 9. Adding Vectors Graphically
 10. Range of Resultant Magnitudes
 11. Rubric: Vector Analysis

SA: Basics Skills - Topics

1. physics - definition
2. physical quantity - definition
3. measurements - two parts
4. scientific notation
5. accuracy/precision - definitions, interpret scenario
6. significant digits - in a given measurement \rightarrow units: $m \cdot m = m^2$
 - Precision (+ and -) & Certainty (\times and \div) Rules
7. SI system - quantities and 7 base units (names/symbols) \rightarrow dd
 - derived units $m/s, m/s^2$ \rightarrow table
8. SI prefixes - names, symbols and powers of ten } conversion
9. metric conversions - 1 step .
 - 2 steps .
 - $m/s \leftrightarrow km/h$.
 $pg \rightarrow kg$
 \uparrow
10. rearranging equations

$$10 \frac{km}{h} \div 3.6 = \frac{m}{s}$$

Physics 122

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Wednesday - Assembly (Attendance -> Gym)

1. [Worksheet - Type II - Simple - HW](#)

2. Return Rated -> FA - Determine \vec{R} .

3. Example - Type II: Suspended Objects - Complex

4. Worksheet - Type II - Complex

Science 10

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1. **Assignment - Autobiographical Poem**

Due: Friday, Sept. 8/17

3 Days Late

2. Periodic Table of Ions - Continue P5

3. **Worksheet #1 - Monatomic Ions - HW P5**

4. **Assignment - Your Name in Chemical Symbols**

- Due: Friday, Sept. 15/17

P5

5. Ionic Bonds

6. Simple Binary Ionic Compounds

7. **Worksheet #2 - Simple Binary Ionic Compounds - HW P4**

P4

8. Polyatomic Ions

9. Ionic Compounds Containing Polyatomic Ions

10. **Worksheet #3 - Ionic Compounds Containing Polyatomic Ions**

11. Transition Elements

12. Multivalent Metals and Their Ions

13. Ionic Compounds Involving Multivalent Metals

14. **Worksheet #4**