

Science 10

Thursday, February 9/17

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Science 10

Assignment - Chemistry to Atomic Number

Topics:

1. chemistry
2. matter
3. atoms
4. three subatomic particles (protons, neutrons, electrons)
5. element
6. chemical symbols
7. periodic table of elements
8. periods of periodic table
9. groups/families of periodic table
10. staircase line
11. location of metalloids, metals and nonmetals
12. characteristics of metals and nonmetals
13. atomic number

You will need your periodic table of elements.

Physics 112

Thursday, February 9/17

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1. Class List
 2. **Assignment - Alphabetical Autobiography**
 - Due: Monday, Feb. 6/17
 - 2 Days Late
 3. Metric Conversions - Continue
 4. **Worksheet - Conversions and Rearranging Formulas**
 - HW Conversions
 5. Accuracy vs Precision
 6. Significant Digits
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7. Significant Digits - Operation Rules
 8. Rearranging Equations
 9. Summative Assessment - Basic Skills
 - TBA
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Physics 122

Thursday, February 9/17

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1. Class List
2. FA - Perpendicular Components
3. Check -> Worksheet: Vectors - Components #4-6
4. Force Problems Involving Components - Three Types
5. Force Problem - Type I: Pulling or Pushing An Object
6. [Worksheet: Force Problems - Type I - HW](#)

7. Force Problem - Type II: Suspended Objects

Formative Assessment - Perpendicular Components

Feb., 9/17

Determine the perpendicular components of a force vector with a magnitude of 29 N and a direction of 47° S of W.

$$\vec{A}_x = -20 \text{ N}$$

$$\vec{A}_y = -21 \text{ N}$$