

## Physics 112

Monday, February 22/16

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### Explain That Stuff - Feb. 26/16

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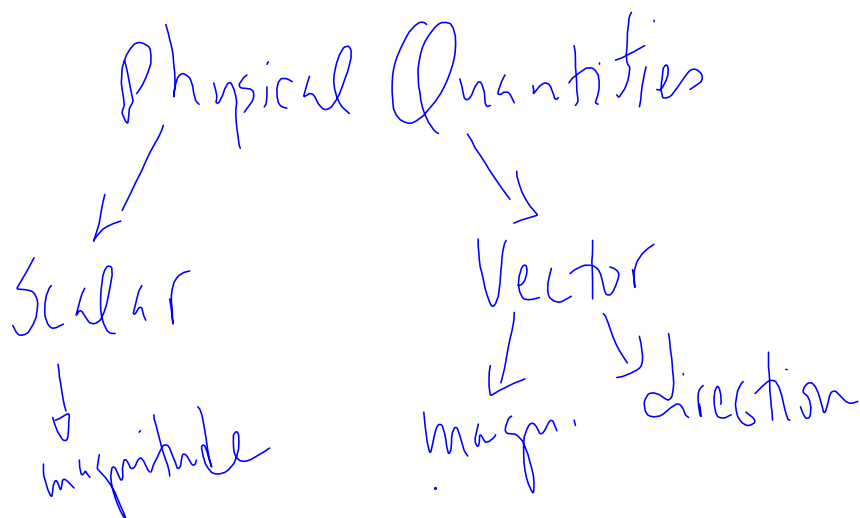
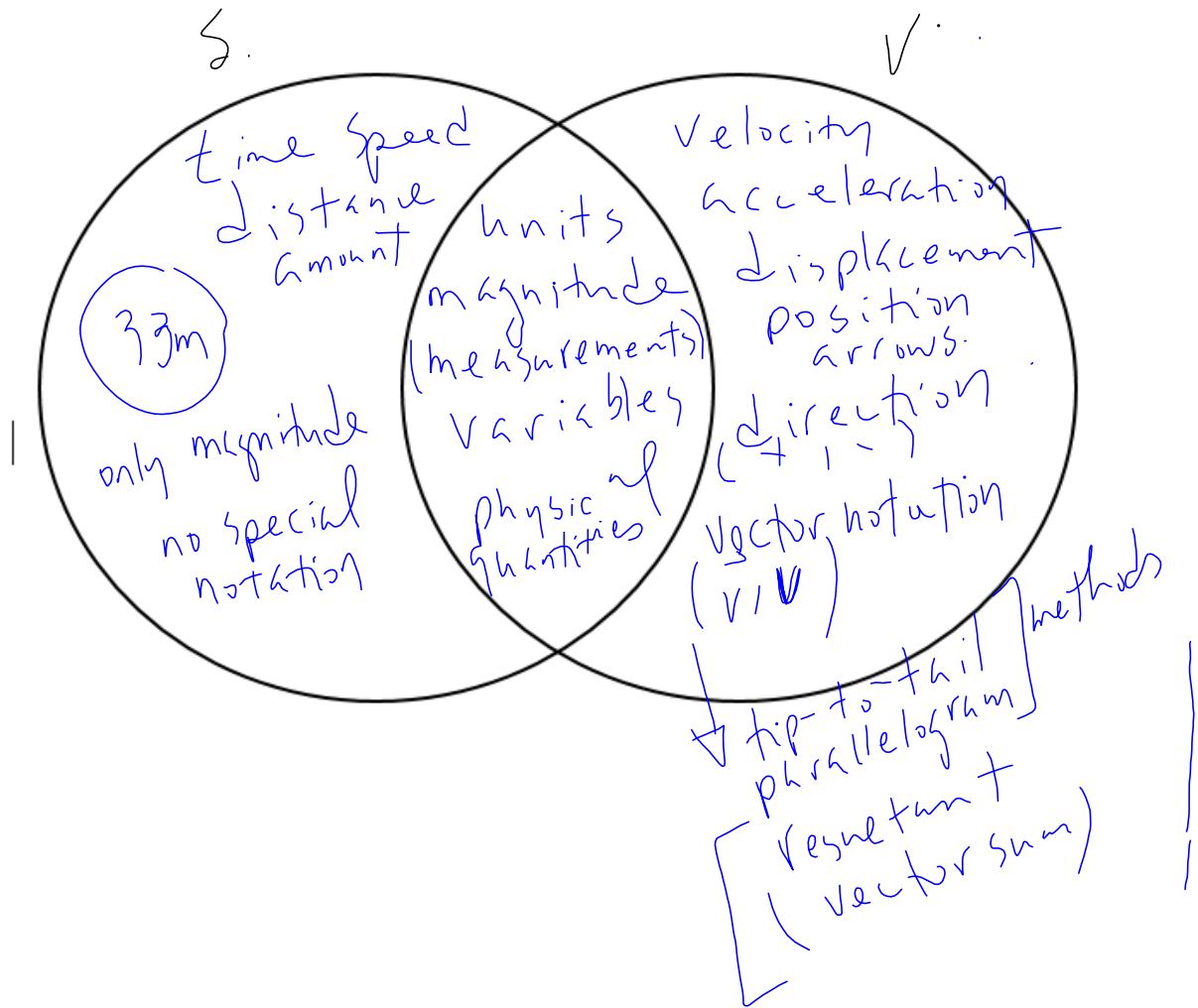
1. Assignment - Metric System -> **5 Days Late**
  2. Meetings -> Quiz - Basic Skills
  3. Physics Lab - Experiment 2.1: Measuring Length -> **2 Days Late**
  4. FA -> Scalar and Vector Quantities (Concept Map)
  5. Examples and Rubric: Vector Analysis - Graphical
  6. **Worksheet - Graphical Manipulation of Vectors - HW**
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7. Review: Law of Pythagoras and Trig Functions
  8. Examples and Rubric: Vector Analysis - Analytical
  9. Worksheet - Analytical Manipulation of Vectors

FA - Scalar and Vector Quantities

Name - \_\_\_\_\_

Date - \_\_\_\_\_

A Venn Diagram can be used to compare and contrast two or more concepts.



## Science 122

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1. Return -> Second Attempt - Complex Circuit
2. Right-Hand Rule #1
3. Solenoid/Electromagnet
4. Right-Hand Rule #2
5. Right-Hand Rule #3
6. **FA - MC: Magnetic Fields and Hand Rules -> HW**

7. Electric Motors
8. Quiz - Start to Electric Motors -> TBA
9. The Magnitudes of Magnetic Fields
10. Worksheet - Magnetic Field Produced by a Wire

## Science 10

Monday, February 26/16

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1. Assignment - Your Name in Chemical Symbols  
- 5 Days Late
  2. Return -> Assignment - Ions and Ionic Compounds
  3. Covalent Bond - To Be Continued
  4. Diatomic Molecules
  5. Naming Binary Molecular Compounds
  6. [Worksheet -> Practice - Binary Covalent Compounds HW](#)
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7. Recap: Types of Compounds
  8. Worksheet - Mixed Ionic/Covalent Compounds #1

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1. Return -> FA - Type II - Complex
2. Force Problems - Type III - Inclind Planes - Continue
3. Worksheet -> Text: Chapter 5 -> Page 191, #25  
Page 194, #27, 28  
-> More on Backside of Sheet
4. Worksheet - Force Problems: Type I, II and III
5. Worksheet - ExtraForce - Problems: Type I, II and III
6. Assignment -> U1-S1: Force Problems  
-> **Tentatively: Wednesday, Feb. 24/16**