Science 122

Monday, October 24/16

Midterm - Tuesday, Nov. 15/16

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Progress Reports

1. Return -> Summative Assessment - Just Lenses
2. Check -> Worksheet - Review Problems - Mirrors and Lenses
3. Optics Lab - Due: Wednesday, Oct. 26/16

Physics 112

Monday, October 24/16

Midterm - Wednesday, Nov. 9/16

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Progress Reports

1. Conference Schedule
2. Finish PP #5
3. PP - C4, Page 144: 6-8
4. PFU - C4, Page 151: #26-28, 30-32, 34

} HW

Physics 122

Monday 24/16

Midterm - Tuesday, Nov. 8/16

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Progress Reports

1. Return -> Experiment 10.2 - Torques
2. Check -> Worksheets - Relative Velocity
3. FA - Relative Velocity
4. U1 - S3 -> Collisions/Explosions
5. Momentum Revisited
6. Conservation of Momentum
7. Types of Collisions/Explosions
8. 1D Collisions/Explosions

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9. Worksheet - 1D Collisions/Explosions

FA - Relative Velocity

Monday, Oct. 24/16

A catamaran whose speed in still water is 5.0 m/s heads west across an estuary. The current is 2.5 m/s south.

a) What is the velocity of the catamaran relative to the shore?
b) If the estuary is 2395 m wide, how long does it take the catamaran to cross the estuary?

Science 10

Monday, October 24/16

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Progress Reports

1. Worksheet - Translating Word Equations to Balanced Chemical Equations

2. Predicting Products - Extension

3. Review - Chemistry Test #2

4. Chemistry Test #2 - Tomorrow
   - Multiple Choice
   - ID and Balance Chemical Reactions
   - Translate Word Equations/Sentences to Balanced Chemical Equations

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5. Unit 2 - Motion

6. Physics, Kinematics and Linear Motion

7. Physical Quantities

8. SI System of Units

9. Certainty and Significant Digits

10. Counted and Defined Values

11. Rounding Values

12. Certainty Rule for Multiplying and Dividing Measurements

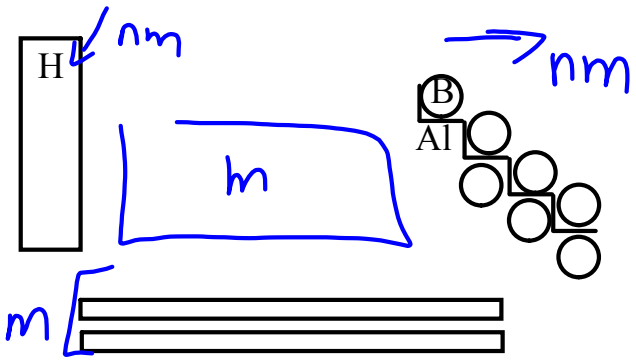
13. Precision Rules for Adding and Subtracting Measurements

Review for Chem Test #2

metal

nonmetal

metalloid



ionic compound

metal nonmetal

NH_4^+ polyatomic ion

molecular compound

prefixes.

nonmetal nonmetal.

metalloid. metalloid

diatomic molecules

$H_2, F_2, Cl_2, N_2, I_2, O_2, Br_2$.

chemical reaction

reactant

yields

product

reactants (→) products.

yields.

Law of Conservation of Mass → mass of R = mass of P

balancing chemical reactions using numerical coefficients

$2NaCl \rightarrow 2Na + Cl_2$

five types of reactions

F SR C.

D DR