

March 31 Gradekeeper Type Report

April 1 AM PT *No Sch w/f.*

April 13 (Wed.) Report Cards

April 14 (Thur.) Evening PT

Physics 112

Friday, February 26/16

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Explain That Stuff - Feb. 26/16

1. Meetings -> Quiz - Basic Skills
 2. Physics Lab - Exp. 2.1 - Second Attempt due Today (Optional)
 3. Return -> FA - Find **R** Graphically
 4. Check -> Worksheet - Analytical Manipulation of Vectors
 5. Describing Motion - Frames of Reference
 6. Distance, Position, Displacement
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7. Gecko Demo
 8. Time, Speed, Velocity, Acceleration
 9. Directions of Velocity and Acceleration
 10. Types of Motion: Uniform and Uniformly Accelerated Motion
 11. Assignment: U1-S1 -> Wed. March 2.



Formative Assessment - Find \vec{R} Graphically

Wednesday - February 24/16

\vec{A} \vec{B}

Two displacement vectors are 24 m [S] and 18 m [E]. Find the resultant displacement graphically.

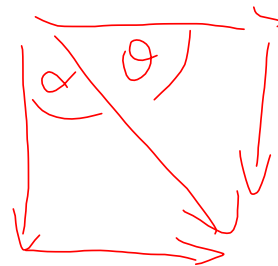
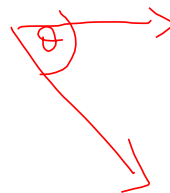
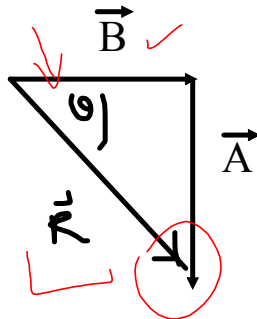
$\vec{A} = 24 \text{ m [S]}$

$A = 24 \text{ m}$

$\vec{B} = 18 \text{ m [E]}$

$B = 18 \text{ m}$

Let 1 cm = 6 m



$\vec{R} = 30 \text{ m, } 53^\circ \text{ S of E}$
 37° E of S

Science 122

Friday, February 26/16

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1. Quiz - Start to Electric Motors -> Feb 29/16
 2. Check -> Worksheet - Magnetic Field Produced by a Wire
 3. The Force On A Wire Due To A Magnetic Field
 4. [Worksheet: The Force On A Wire In a Magnetic Field - HW](#)
 5. Force on a Single Charged Particle
 6. [Worksheet: Magnetic Force on a Single Charged Particle - HW](#)
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7. Trajectory of A Single Charged Particle in a Uniform Magnetic Field
 8. Worksheet: Magnetic Fields and Circular Paths

Science 10


Friday, February 26/16


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1. Check -> Worksheet: Counting Atoms in Compounds
 2. Balancing Chemical Reactions - Continue
 3. Assignment - Mixed Compounds
 4. [Worksheet - Balancing Chemical Reactions #1 - HW](#)
Worksheet - Balancing Chemical Reactions #2
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5. Types of Chemical Reactions
 6. Synthesis/Formation Reactions
 7. Decomposition Reactions
 8. Worksheet: Formation and Decomposition Reactions
 9. Single Replacement Reactions
 10. Double Replacement Reactions
 11. Worksheet: Single and Double Replacements Reactions

Physics 122

Friday, February 26/16

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Explain That Stuff - Feb. 26/16

1. Return - Assignment -> U1-S1: Force Problems
 2. Unit 1 - Section 2: Static Torque
 3. Center of Mass - Fosbury Flop
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4. Types of Motion
 5. Torque
 6. Net Torque
 7. Static Equilibrium Revisited