

Physics 112

Friday, October 19/18

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1. Return:
 - FA - Kinematic Equation #2, 3 and 4
 - FA - Freely Falling Body
 - Submit - LC and Justifications
 2. Submit: FAs - Kinematic Equations #2-4
 - FA - Freely Falling Body
 3. **SA - U1 S3 - Mathematical Analysis**
 - Tuesday, October 23/18**
 6. Unit 2 - Dynamics
 - Section 1 - Types of Forces and Free Body Diagrams
 7. Learning Targets for Unit 2
 8. Concepts for U2 S1
 9. Introduction to Forces
 10. Applied Force
 11. Force of Gravity - To Be Continued
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12. Worksheet - Practice Problems (PP)#1-4
 - Final Answers - Textbook Problems

Physics 112 -> SA: U1- S3 -> Topics

1. uniformly accelerated motion problems
 - memorize the 4 kinematic equations + quadratic formula
 - solve problems using the problem solving checklist to obtain full value
 - use comparison of velocity and acceleration directions to determine directions of vector quantities and/or check answers
 - identify freely falling bodies to aid with variable values

Physics 122

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1. Questions?
Worksheet - Relative Velocity (Textbook Problems)
Worksheets - More Relative Velocity Problems
 2. Submit - FAs - Relative Velocity (3)
 3. Unit 1 - Section 4: Collisions and Explosions
 4. Momentum Revisited
 5. Conservation of Momentum
 6. Overview - Collisions/Explosions
 7. 1D Collisions/"Explosions"
 8. [Worksheet - 1D Collisions - Try Odd #'s](#)
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Science 10

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1. Submit FA - Balancing Chemical Equations
2. [Worksheet - Single and Double Replacement Reactions](#)

3. Combustion Reactions
4. Worksheet - Combustion Reactions
5. Identifying Types of Reactions