# Physics 112

Wednesday, October 17/18

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#### 1. Return:

FA - Kinematic Equation #2, 3 and 4 Submit - LC and Justifications

- 2. Submit FAs #2-4 for Feedback
- 3. Questions?

Worksheet - Motion Problems

Worksheet - Motion Problems - Free Fall

Worksheet - Extra - Uniformly Accelerated Motion Problems

- 4. FA Freely Falling Body
- 5. SA U1 S3 Mathematical Analysis- Tentatively: Tuesday, October 23/18
- 6. Unit 2 Dynamics
  Section 1 Types of Forces and Free Body Diagrams
- 7. Learning Targets for Unit 2

#### Formative Assessment – Uniformly Accelerated Motion (K3.9)

A plane travels at 148 km/h for a period of time then accelerates for 15 s over a distance of 832 m. What was the plane's velocity after 15 s?

## Physics 122

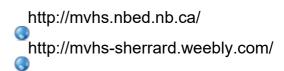
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- 1. Return Marks SA - U1 S1&2 \*Drake and Ajay
- 2. Worksheet Relative Velocity (Textbook Problems) Worksheets More Relative Velocity Problems
- 3. FAs Relative Velocity (3)
- 3. Unit 1 Section 4: Collisions and Explosions
- 4. Momentum Revisited
- 5. Conservation of Momentum
- 6. Overview Collisions/Explosions
- 7. 1D Collisions/Explosions

### Science 10

Wednesday, October 17/18



- Questions?
   Worksheets Balancing Chemical Equations
- 2. Types of Chemical Reactions (5)
- 3. Formation Reactions
- 4. Decomposition Reactions
- 5. Worksheet Formation and Decomposition Reactions
- 6. Single Replacement Reactions
- 7. Double Replacement Reactions
- 8. Worksheet Single and Double Replacement Reactions
- 9. Combustion Reactions
- 10. Worksheet Combustion Reactions