Physics 112 Wednesday, October 11/17

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- 1. Return -> FA: Kinematic Equations (UAM)
- 2. Questions? Worksheet: Motion Problems
- 3. FA Kinematic Problem
- 4. Ball Toss
- 5. Acceleration due to Gravity To Be Continued
- 6. Freely Falling Bodies
- 7. Worksheet Freely Falling Bodies

12. Sketch.
$$\frac{1}{2} = \frac{1}{2} + \frac{$$

FA: Kinematic Equations (UAM)

FA - Kinematic Problem (11/17)

A train brakes from 40 m/s to a stop over a distance of 100 m while travelling south. What is the acceleration of the train?

Physics 122 Wednesday, October 11/17

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- Questions?
 Worksheet Physics Texts Problems Relative Velocity
- 2. FA Relative Velocity: Boat Problem
- 3. Type II: Velocities at Right Angles (ii) Intersection Problems
- 4. Worksheets Relative Velocity (4)

Formative Assessment - Relative Velocity

<u>Try</u>: 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? Include a labeled sketch.
- b) If the estuary is 2395 m wide, how long does it take the catamaran to cross the estuary?



Science 10 Wednesday, October 11/17

- http://mvhs.nbed.nb.ca/
 http://mvhs-sherrard.weebly.com/
- 1. SA Chem #1 Intervention After School Today
- 2. Roller Coasters
- 3. Single Replacement Reactions P5
- 4. Double Replacement Reactions P4
- 5. Worksheet: Single and Double Replacement Reactions
- 6. Combustion Reactions
- 7. Worksheet: Combustion Reactions
