

Tuesday, October 15/13
Physics 122/121

Midterm - Tentatively: Wed., Nov. 22

October 16-19: Period 4 -> Coin Collection Challenge
-> Children's Wish Walk

1. Formative Assessment
 2. Torque Labs - Return
 3. Page 110 - #21, 22, 25, 27(a)
Page 117 - #23, 24, 29
#25 (Level 1)
 4. Activity: Investigation 3B - Go With the Flow (Page 111)
 5. **Boat Simulation #1-10 - Submit Tomorrow**
 6. Intersection Problems
 7. Worksheets
 8. Quiz: U1 - S2 -> Collisions and Relative Velocity
Friday, Oct. 18/13
 9. Unit 1 Test -> Friday, Oct. 25/13
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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?



A barge that can travel 2.5 m/s on still water is on a river flowing east at 2.0 m/s . What is the velocity of this barge relative to the shore when the barge is heading 30.0 degrees west of north?

