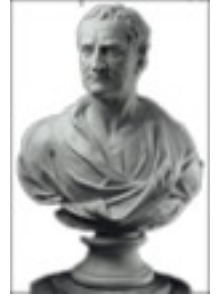


# PHY138Y - Mechanics - Homework Assignment #2

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This assignment is due in the "Drop Box" for your tutorial group by 5 PM on Monday September 27. The Drop Boxes are located in the basement of the McLennan tower. On the first floor there is a bust of Newton at the top of the stairs that will lead you down to the basement: the Drop Boxes are at the foot of those stairs.



## From the Textbook (45%)

Chapter 2: Problems 4, 40.

## Tutorial Homework (45%)

This part of the assignment builds on things you will be exploring in tutorial this week. We strongly recommend that you do not do this part until *after* your tutorial.

As part of your textbook package you bought 2 similar looking booklets by McDermott, Shaffer et al. They both say **Tutorials in Introductory Physics** on their cover, but one of them also has the word **Homework** in the lower left corner.

From the **Homework** booklet, answer Questions 1, 2 and 3 from the **Acceleration in One Dimension** section, pages HW-13 - HW-14. Answer all parts of these three questions. Print your name on the top of the page and carefully rip it out of the booklet to turn in with the rest of this assignment.

## Tutorial PreTest (10%)

In tutorial this week you will be given a pretest on material you will be doing in tutorial *next* week. Print your name on the top of the page and turn it in with the rest of this assignment. Note: the solution to this pre-test will not be posted.