

Part I (due at the beginning of class Monday, September 29)

Complete pages 1 and 2 (front and back of the first page) of the Introduction to Derivatives handout. You won't turn this in, but I'll walk around to make sure that it's done and we'll discuss it as a class.

Recall, what you turn in for Part I should have 3 subparts, as mentioned in the syllabus:

- (a) Your response(s) to the reading question(s).
- (b) Your own questions/comments on the reading.
- (c) The amount of time you spent on Part I (including the time spent reading/watching).

Part II: WeBWorK (due Saturday, October 4, by 11 PM)

Click [here](#) for your WeBWorK assignment. Complete the DW 11 WeBWorK assignment.

Part III: Homework Problems (due Friday, October 3 at the beginning of class)

1. Use the Intermediate Value Theorem to show that the equation

$$4x^3 - 7x + 2 = 3x^4 + 3$$

has a solution in the real numbers.