Honors Calculus I and II
Fall 2003
Homework Assignments

Homework 1, due Thursday August 28th

- Read Chapter 1.
- Do the following book problems, to be handed in during your recitation:
  - Section 1.2: questions 26, 36, 40.
  - Section 1.3: questions 20, 28.

Homework 2, due Thursday September 4th

- Try to log on to the Addison-Wesley site:
  The ID for our course is sparling23295;
  The course name is "calc on line".
  If you succeed, check out the information available there.
- Do the following book problems, to be handed in during your recitation:
  - Section 1.5, questions 38, 40.
  - Section 1.6, questions 8, 22, 38.

Homework 3, due Thursday September 11th

- Try to log on to the Addison-Wesley site:
  The ID for our course is sparling23295;
  The course name is "calc on line".
  If you succeed, check out the information available there. I would like to hear by email that you have been successful in accessing the material there.
- Do the following book problems, to be handed in during your recitation:
  - Section 1.5, questions 28, 36, 46 and 47 (the last two count as one question).
  - Section 1.6, questions 30, 40.
Homework 4, due Thursday September 18th

- Do the following book problems, to be handed in during your recitation:
  - Section 2.2, questions 28 and 34.
  - Section 2.3, questions 12, 18 and 36.
  - Section 2.4, questions 6, 14, 28 and 32.

Homework 5, due Thursday September 25th

- Prepare for the first exam, this Friday 26th September.
  Content: the first two chapters and the beginning of chapter three.

- Do the following book problems, to be handed in during your recitation:
  - Section 2.6, questions 42, 44 and 60.
  - Section 2.7, questions 10 and 46.
  - Section 2.8, question 30.
  - Section 2.9, question 34.

Homework 6, due Thursday October 2nd

- Look over the solutions on the web to Exam One and learn from your mistakes (if any)!
  If you find any errors in my solutions, email me: bonus points may be involved!

- Do the following book problems, to be handed in during your recitation:
  - Section 2.10, questions 4, 6 and 14.
  - Section 3.1, questions 26 (also plot the acceleration) and 30.
  - Section 3.2, questions 18 and 20 (also sketch each of the vectors involved).