

For each problem you solve in this class, you must provide a full explanation. For the next month, we will work on Chapter 3 and Chapter 4 (Differentiation and Applications). You should write up and turn in the problems listed below. If you are having difficulty, please try the odd-numbered counterparts first and check your answers in the back of the book. In addition, I strongly encourage you to work together and visit me during office hours. However, you are never to look at another student's homework as an aid for yourself.

As stated in the syllabus, these problems are due at the beginning of the period. Any late homework will be assigned a grade of zero.

Homework #6:

On Wednesday, March 18, homework from the following sections is due:

- 3.6: 7, 10, 14, 18, 33a, 43
 - 3.7: 14, 15, 22, 40, 63, 64, 65, 71, 73, 85, 86
 - 3.8: 4, 8, 10, 23, 30, 33, 36, 37, 39
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Homework #7:

On Wednesday, March 25, homework from the following sections is due:

- 3.9: 4, 13, 14, 15, 30, 31, 32, 37
 - 3.10: 11, 13, 40, 52, 53, 54, 55
 - 4.1: 1–14, 17, 23, 29, 31, 33, 46, 47, 49
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Homework #8:

On Wednesday, April 1, homework from the following sections is due:

- 4.2: 3, 5–8, 22
 - 4.3: 4, 10, 18, 23, 32, 37, 40, 47, 48
 - 4.4: 1, 3, 7, 14, 20, 28, 36, 42, 76
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Exam #3:

The date for our third exam is Tuesday, April 7. This exam will consist of material from the second half of Chapter 3 (all of Sections 3.6, 3.7, 3.8, 3.9, and 3.10) and applications from Chapter 4 (all of Sections 4.1, 4.2, 4.3, and 4.4). On Wednesday, April 1, you will receive practice problems to help you study for this exam.