Throughout the semester, do practice problems neatly using a pencil or erasable pen. Indicate page & section numbers, and number each problem. Clearly show any and all work that leads to your answer. Answers without supporting work will not receive credit. When writing sentences, use complete and correct English sentences. To save paper, you may use both sides.

These problems will be collected periodically and checked for effort and completeness. Do problems and turn in sections in the same order as assigned. It is your responsibility to check the correctness of answers.

THE FOLLOWING PROBLEMS WILL BE COLLECTED & CHECKED FOR EFFORT & COMPLETENESS.

STUDY GUIDE FOR SOME INTERMEDIATE ALGEBRA SKILLS: (AVAILABLE ON MY WEB SITE)

On a separate sheet of paper work out AT LEAST HALF of the solved examples appearing on the Study Guide. Do these problems before working on the Algebra Review (handout).

INTERMEDIATE ALGEBRA REVIEW: HANDOUT

Your goal is to finish these problems by Tuesday, 2/19/08.

SOME ALGEBRA NEEDED FOR CALCULUS

Chapter 10
Ch. 10.1: p. 5: 29 - 43 (odds)
Ch. 10.5: pp. 24-25: 7 - 25 (odds)

Chapter 1: Be sure you are familiar with the formulas listed on page 45 of Ch. 1.6.
Ch. 1.1: pp. 7-9: 3, 7, 17 - 23 (odds)
Ch. 1.7: pp. 61-63: 1 - 37 (odds), 45 - 65 (odds)
Ch. 1.9: pp. 77-78: 3, 7, 9, 17, 19, 23, 59 - 71 (odds)
Ch. 1.10: pp. 85-87: 1, 3, 5a, e, 7a, d, 9a, 11a, 13a, 15
Ch. 1.11: pp. 92-93: 1 - 13 (e.o.o.), 15 - 29 (odds), 33, 37, 39, 43, 45 (e.o.o. means "every other odd")
Ch. 1.12: p. 101: 23 - 39 (odds)

Chapter 2:
Ch. 2.1: pp. 7-11: 1 - 25 (odds), 29 - 37 (e.o.o.), 39 - 45 (odds)
Ch. 2.2: part I: pp. 18-19: 1 - 39 (odds)
part II: pp. 19-20: 41, 43, 45 - 73 (e.o.o.)
Ch. 2.3: pp. 27 - 30: 3, 5, 7, 9, 19, 21, 23, 27, 29, 33 - 65 (odds)
Ch. 2.4: pp. 36 - 39: 1 - 25 (e.o.o.), 27 - 39 (odds), 43, 47, 49
Ch. 2.5: part I: pp. 47 - 50: 1 - 15 (odds)
part II: pp. 47 - 50: 17 - 39 (odds)
Ch. 2.6: pp. 57-59: 13, 15, 21 - 65 (odds)
Ch. 2.7: pp. 67-69: 1 - 39 (odds)
Ch. 2.8: pp. 72-75: 1 - 23 (odds), 25 - 33 (odds) [Make accurate graphs!]
Ch. 2.9: pp. 79-81: Part I: 7 - 35 (e.o.o.), 37; Part II: 39 - 67 (e.o.o.), 69
Exam #1: Thursday 3/6/08  This exam will include all material covered by the end of class on Tues., 3/4/08.

Any practice homework for sections covered on the exam and not yet collected will be turned in before beginning the exam on Thursday, 3/6/08.

ALGEBRA REVIEW: Information and suggestions

As you work through the algebra review problems, note the types of problems and related sections you need to practice. Refer to the problems listed below to help guide your review. These problems will NOT be collected and are provided merely as a guide. Do as many problems of the types you need to practice in order to feel confident and competent with these skills.

Ch. 1.2: pp. 14-15: 3a, 17, 33, 61, 67 (5 problems)
Ch. 1.3: pp. 21-23: 5, 21, 31, 35, 37, 41, 45 (7 problems)
Ch. 1.4: pp. 31-33: 7, 13, 21, 25, 37, 39, 41, 45, 53, 55, 59 (11 problems)
Ch. 1.5: pp. 43-44: 5, 9, 11, 13, 19, 21, 23, 31, 33, 35, 43 (11 problems)
Ch. 1.6: pp. 49-52: 1, 3, 11, 27 (4 problems)
Ch. 1.8: pp. 69-70: 3, 7, 11, 15, 17, 31 (6 problems)

Come by my office anytime for help with the review or with any new material!