

Name: _____Recitation section (circle one) R01 Mon. 12:50
R02 Wed. 12:50
R03 Mon. 3:50

Midterm Exam #1

Closed book. No notes allowed. **Any** calculators are permitted. There are no trick questions here. There are three questions, one per page, each worth **30 points**, for a maximum score of **90**. In general, you need to show the reasoning behind your answer. A correct number alone will not get much credit.

Do the exam on these pages. It would be smart to write your name on all 4 pages, in case of staple failure. If a question seems too easy, perhaps it is just easy. Relax and good luck! Two significant figures will be accepted as sufficient on this test. Do not forget to give units in your final answer. If your calculator fails, you should get **numerical** answers to 10% by simple arithmetic for almost full credit. The **graded exams will be returned in recitation section next week**. If you feel that a problem should be regraded, explain this to your recitation instructor immediately after class. Your recitation instructor can then verify the complaint, and attach a note, and direct the exam to the appropriate grader. No regrading will be done unless this procedure is followed.

Turn cell phones off. Have your University ID out for checking, please.

Variant **A**

Problem 1	
Problem 2	
Problem 3	
Total Score	