Always justify your answers, even if the question does not explicitly say so! Write your own solutions, independently of anyone else.

**Core Problems:** Everyone must turn these problems in.

I. Sec. 6.1 # 13.

II. Sec. 6.2 # 5 ab“d”, 6 a, 10, 11, 12, 13 abc, 14.

**Advanced Problem:** Due Wed. Feb. 3. Students registered for 6010 must turn these problems in. They count for extra credit for 4010 students, but anyone hoping to get an ‘A’ in 4010 should attempt at least a few advanced problems. Please hand in Advanced Problems separately from Core Problems.

III. Sec. 6.1 # 24.