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. 6.2 # 11, 13, 14, 15 abc.
II. Sec. 6.3 # 5, 6, 7 (in all these problems, don’t forget to prove that the set in question is a subgroup; recall # 6.1.9).
III. Sec. 6.3 # 8, 16.

Advanced Problem: 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. Advanced problems are due one week after the Core problems from the same assignment, unless announced otherwise. Please hand in Advanced Problems separately from Core Problems.
IV. Sec. 6.3 # 17.