You are encouraged to work in groups of two to four on this assignment and make a single group submission. Each problem is worth 5 points. For full credit indicate clearly how you reached your answer. All work must be legible and submitted on clean paper without ragged edges.

1. Do problem #54 in §5.3.
2. Do problem #30 in §5.5.
3. Do problem #18 in §6.1.
4. Do problem #50 in §6.2.