**Problem Set 1**

1. Section 2.3 Exercises: 20, 30, 35 to 40

2. Section 9.1 Exercises: 30, 31, 35, 52, 58

3. Section 9.4 Exercises: 5 to 9

4. Section 9.5 Exercises: 1, 2, 5, 21 to 24

5. Section 9.6 Exercises: 2, 7, 9, 10