Problem 1 (10 points):
Page 67, Exercise 2 parts b, d, e, f.

Problem 2 (10 points):

Problem 3 (10 points):
Page 68, Exercise 5, parts a, b.

Problem 4 (10 points):
Page 69, Exercise 7.

Problem 5 (10 points):
Page 107, Exercise 2.

Problem 6 (10 points):