Problem set 13

This problem set is due on April 17.

1. §7.4, exercise 16

2. §7.4, exercise 30

3. §7.4, exercise 34

4. §7.5, exercise 4

5. §7.5, exercise 12

6. §7.5, exercise 22

7. §8.1, exercise 4

8. §8.1, exercise 10

9. §8.1, exercise 12

10. §8.1, exercise 14: parts (a) and (b)

11. §8.1, exercise 46 (You may use the conclusion of exercise 45)

All exercises are from Bretscher's *Linear Algebra with Applications* (fourth ed.) unless otherwise noted.