Problem set 11

This problem set is due on April 3.

1. §6.3, exercise 10

2. §6.3, exercise 28

3. §6.3, exercise 30

4. §6.3, exercise 34

5. §6.3, exercise 40

6. §7.1, exercise 4

7. §7.1, exercise 6

8. §7.1, exercise 14

9. §7.1, exercise 18

10. §7.1, exercise 36. How many such matrices A can there possibly be?

11. §7.1, exercise 48 a)

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