Problem set 10

This problem set is due on March 27.

1. §6.1, exercise 30

2. §6.1, exercise 36

3. §6.1, exercise 56

4. §6.2, exercise 6

5. §6.2, exercise 16

6. §6.2, exercise 40

7. §6.2, exercise 66: (a), (b)

8. §6.3, exercise 2

9. §6.2, exercise 4

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