Due in class on Thursday January 29

NOTE: Section and problem numbers for this homework are the same in both the 4th and 5th editions of the book.

- **Section 1.1** # 15, 23, 46
- **Section 1.2** # 7, 10, 18
- **Section 1.3** # 12, 14, 21, 28. For making plots for # 21 and 28 use dfield, Mathematica (see example on webpage), MATLAB or any other software of your choice. You may also draw these by hand.
- **Section 1.4** # 1, 18, 27, 51