Math 3F03, Fall 2014
Assignment 4

This assigment is due on **Wednesday, November 19**, in class at the beginning of lecture. **Late assigments will not be graded.**

You must show your work and justify your assertions carefully in order to receive full credit.

Page references refer to the course textbook, *Differential Equations, Dynamical Systems, and an Introduction to Chaos* by Hirsch, Smale, and Devaney, Third Edition.

1.) Page 157, exercise 2.

2.) Page 157, exercise 3.

3.) Page 157, exercise 6.

4.) Page 184, exercise 1, parts (a) and (c).

5.) Page 184, exercise 2.

6.) Page 186, exercise 12.

7.) Page 210, exercise 1, parts (a) and (d).