

Math 306, Fall 2014: Assignment #4

Due: **Wednesday, October 1st**

Instructions: Please ensure that your answers are legible and that sufficient steps are shown. Chapter numbers refer to the course text “Differential Equations, Dynamical Systems, and an Introduction to Chaos.”

Problem #1. Chap. 4 #4

Problem #2. Chap. 4 #5

Problem #3. Chap. 4 #6

Problem #4. Chap. 4 #7

Problem #5. Chap. 4 #8

Problem #6. Chap. 5 #2

Problem #7. Chap. 5 #3

Problem #8. Chap. 5 #5 a) b) c) – Do others for practice if needed.

Problem #9. Chap. 5 #6

Problem #10. Chap. 5 #11