

# Mathematic 407, Fall 2017: Assignment #3

Due: **Thursday, September 28th**

*Instructions:* Please ensure that your answers are legible. Also make sure that sufficient steps are shown. Page numbers refer to the course text.

**Problem #1.** Chapter 2: Exercise 3.

**Problem #2.** Chapter 2: Exercise 5.

**Problem #3.** Chapter 2: Exercise 6. Hint: Use a keyhole contour.

**Problem #4.** Chapter 2: Exercise 7.

**Problem #5.** Chapter 2: Exercise 8.

**Problem #6.** Chapter 2: Exercise 9.