

## Math 165: Homework 8 – the final homework

Please complete the following exercises below and write up your solutions consistent with the directions in the syllabus. Your solutions are due on Thursday, May 8th at 10:00AM in the appropriate box outside my office door. If you get stuck on any part of the homework, please come and see me. More importantly, have fun!

**Exercise 1.** Please do the following:

1. Exercise 12.3.1 in Wade (4th ed.)
2. Exercise 12.3.2 in Wade (4th ed.)
3. Exercise 12.3.3 in Wade (4th ed.)

**Exercise 2.** Please do the following:

1. Exercise 12.3.5 in Wade (4th ed.)
2. Exercise 12.3.6 in Wade (4th ed.)
3. Exercise 12.3.8 in Wade (4th ed.)

**Exercise 3.** Please do the following:

1. Exercise 12.4.1 in Wade (4th ed.)
2. Exercise 12.4.3 in Wade (4th ed.)
3. Exercise 12.4.4 in Wade (4th ed.)

**Exercise 4.** Please do the following:

1. Exercise 12.4.7 in Wade (4th ed.)
2. Exercise 12.4.8 in Wade (4th ed.)
3. Exercise 12.4.9 in Wade (4th ed.)