

MAT2440 - HW3

September 28, 2016

Due: October 17, 2016

Instructions: Complete the assignment on a separate sheet of paper.

Show all work and justify all steps and conclusions unless told otherwise.

Typed up answers will be appreciated.

Try and write clearly, documenting all of the steps that led you to the solution. This way, a small numerical mistake will mean a small deduction in the grade rather than a large one.

You may use a computer as an aid, but be sure to include supporting work.

Section 2.1 - Exercises:

- 20
- 32:a,d

Section 2.2 - Exercises:

- 16:a,b,c,d
- 49*

Section 2.3 - Exercises:

- 12:a,b,c
- 14:a,b,c
- 20*
- 58:a,b

Section 2.4 - Exercises:

- 32

For problems with an asterisk (*), you are expected to write out full solutions/proofs that carefully explain your answer. Answers with no justification or formulas with no context will not receive full credit.