

Written Homework 3 Answers (Due Thursday 10 July 2008)

Remember that you must show your work to get credit. The answers are provided so that you can check your work.

Section 4-4

Page 165, problem 9 (see parts (a) – (c) that are continued on the next page)

- a) 0.00238
- b) 0.00200
- c) you have to decide—may sure to give the why?

Page 166, problem 12

0.735

The answer to the question is no—you need to explain why.

Page 167, problem 20

- a) 0.0599
- b) 0.00353
- c) 0.00359
- d) What to you think?

Section 4-5

Page 173, problem 18

0.115

Page 173, problem 20

0.114

Section 4-7

Page 188, problem 32

- a) 0.0455
- b) 0.1591
- c) 0.3182

Page 189, problem 38

- a) 10
- b) Use your process for the specific problem in part a) to derive the general formula for part b)
- c) 24
- d) Use your process for the specific problem in part c) to derive the general formula for part d)