

Assignment #2

Due Friday 23 September, 2011 at the start of class

Read subsections 1.2, 1.3, 1.5, and 2.1 of the text.¹ Then do the following exercises:

Page 12, Exercise 11e.

Page 13, Exercise 12e.

Pages 13–14, Exercise 22. (*Hint: Compute derivatives using part one of the Fundamental Theorem of Calculus.*)

Page 27, Exercise 1. (All parts.)

Pages 27–28, Exercise 2.

Page 33, Exercise 1. (*Repeated.*)

Page 33, Exercise 2.

Page 33, Exercise 7. (*Repeated.*)

Page 42, Exercise 1ab.

Page 43, Exercise 9. (Just use 1(a) and 1(b) to “Test it out by using the polynomials in previous problems.”)

¹That is, J. Epperson, *An Introduction to Numerical Methods and Analysis*, rev. ed., 2007.