Individual Homework #9: Due in class Friday, April 5

Some reminders on the homework:

1. When you are assigned any exercises from a *part* of an exercise set (for example, **Part 3: Guessing an checking (and checking and guessing)**, in the Section 5.1 Exercises), make sure to read *carefully* all the information that appears at the beginning of that "part," before the exercises themselves. This information will apply to all exercises in the "part"!!

2. Many of the homework exercises are similar to examples you have done in class, and/or to examples that were worked in the corresponding section of the text. Reviewing all of those examples will help with the homework!

Please **read** Sections 4.5 and 5.1. Also please **do:**

(a) **Section 4.5, Part 1: Formulas for integrals** (pages 234–235): Exercises 1abdfhij, 2, 3, 4acgh.

(b) **Section 4.5, Part 2: The Fundamental Theorem of Calculus and accumulation functions** (pages 235–236): Exercises 5, 6, 7abc.

(c) **Section 5.1, Part 1: Basic antidifferentiation** (page 245): Exercises 1abcdeghjkm, 3.

(d) **Section 5.1, Part 2: Initial value problems** (pages 245–246): Exercises 4, 7.

(e) **Section 5.1, Part 3: Guessing an checking (and checking and guessing)** (page 246): Exercises 8, 9.