

Individual Homework #5: Due October 22, 2014

Please **read** Section 4.3 (you can skim the proofs on pp. 233–236), and **do** exercises 3, 5, 8, 9, 10, and 11, Section 4.3 (pp. 238–240).

Some hints and notes on the exercises:

- In exercise 8(a), p. 240, where it says “...of problem 21,” they mean “...of problem 25.”
- For exercise 5, p. 239: $\exp(\text{whatever})$ is just another way of writing e^{whatever} . (See pp. 233–236 of the text.)
- In general, where population growth is mentioned, assume unlimited (exponential) growth unless otherwise specified.