

Problem 4.3–12. Proceed as follows.

- a. Without using a computer or a calculator, solve the problem as stated.
- b. Using any available technology, plot the solution over a sufficiently long time to show its behavior. (No crummy hand-drawn graphs accepted.)
- c. Describe the short-term and the long-term behavior of the solution. Use complete sentences and appropriate terminology.

Problem 4.3–24. Be sure to explain your reasoning.