Section 3.5
1) The rules below describe relationships from everyday life. Determine which rules are functions. If the rule is not a function, explain why.
   A) People assigned to their ages
   B) Biological mother assigned to her child
   C) Child assigned to biological mother
   D) Vehicle assigned to vehicle identification number
   E) Birthday assigned to person
   F) Each person assigned to a person who is older
   G) Third grader assigned to favorite color

Section 3.5
2) Give an example of a function from everyday life and explain why your example is a function. Use the format in exercise 1 above; i.e., _______ assigned to ________.

Sections 3.5 and 3.6
3) As a store manager, Rosa receives $35 an hour.
   (A) Write a function that describes Rosa’s wages. Use $x$ to represent the number of hours Rosa works.
   (B) If Rosa can work no more than 35 hours per week, determine the domain of the function in (A).
   (C) Graph this equation over the indicated domain.
   (D) The ordered pair (21, 735) is on the graph. Write a sentence that describes the meaning of this ordered pair.

Section 3.5
4) A microcomputer company’s profit in dollars is given by the equation $P(x) = 140x - 2000$, where $x$ is the number of microcomputers sold each day.
   (A) What is the slope of the equation $P(x) = 140x - 2000$? Interpret your answer.
   (B) How many microcomputers must be sold each day for the company to make a profit?