

- Section 1.1
  - Interpret two-variable data from a chart and discern patterns. (p. 6 Example 6)
- Section 1.2
  - Graph and read graphs of two-variable data. (p. 14 Example 3 and 5)
- Section 1.4
  - Determine whether data, graph, or equation defines a function. (p. 36 Example 1, 4, and 8)
  - Understand four ways of representing a function. (p. 43 Example 9)
- Section 1.5
  - Read and write function notation. (p. 53 Example 1, 2, and 5)
  - Compute the net change of a function. (p. 55 Example 6)
- Section 1.7
  - Tell where a graph is increasing or decreasing. (p. 78 Example 5)
  - Find local maxima and minima graphically. (p. 79 Example 6)
- Section 1.8
  - Construct and use linear models. (p. 91 Example 3)
  - Construct and use ad hoc models. (p. 94 Example 5)
- Section 1.9
  - Construct formulas involving several variables. (p. 103 Example 2)

- Section 2.1
  - Compute the average rate of change of a function. (p. 144 Example 2 and 4)
- Section 2.2
  - Determine whether a linear function is an appropriate model. (p. 154 Example 1)
  - Construct a linear function given initial value and rate of change. (p. 157 Example 5)
  - Compute the slope of a line. (p. 159 Example 7)
- Section 2.3
  - Construct a linear function given the rate of change and a point of data. (p. 168 Example 4)
  - Construct a linear function given two points of data. (p. 170 Example 6)
- Section 2.6
  - Construct models using multiple linear functions. (p. 204 Example 3 and 4)
- Section 2.7
  - Find the break-even point for a pair of linear functions. (p. 212 Example 2)