

Lesson 4 Homework Practice

Descriptive Statistics

For Exercises 1 and 2, find the mean, median, mode, and range of each data set. Round to the nearest tenth if necessary.

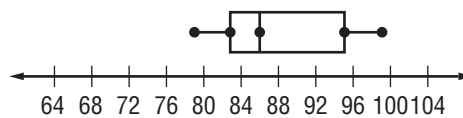
- The ages, in years, of the students in an art class: 23, 21, 19, 23, 24, 17, 15
mean: 20.3; median: 21; mode: 23; range: 9

- The number of text messages sent in a week: 39, 41, 30, 14, 45, 40, 48, 39, 40, 35
mean: 37.1; median: 39.5; mode: 40; range: 34

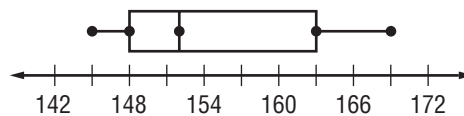
For Exercises 3 and 4, find the five-number summary of each set of data. Draw a box plot of the data.

- The ages, in years, of the residents of a retirement community are shown in the table.

Ages in Years				
86	83	98	99	81
86	95	84	79	90



- The weekly amounts, in dollars, in a bank account are 169, 163, 153, 166, 149, 148, 146, 145, 152, 163, and 152.



- What is a conclusion that can be drawn from the box plot for Exercise 4?

Sample answer: The top 50% is more spread out than the bottom 50%.