Name _____ Class _____ Date _____

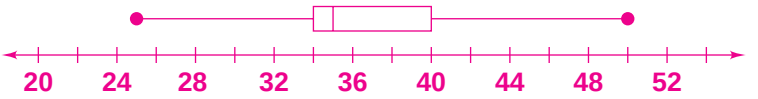
Practice 9-4

Box-and-Whisker Plots

Tell how many observations are in the data set. Then construct a box-and-whicker plot to represent the data.

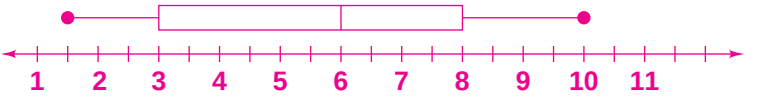
1. The number of cars coming into a parking garage each hour:

35, 40, 34, 25, 50, 35, 39. 7



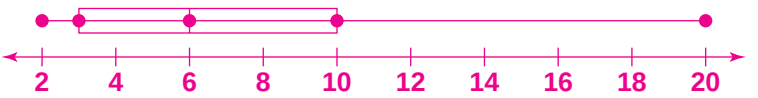
2. The length in miles of the trails in one county park:

5, 3, 4.5, 8, 10, 1.5, 8, 2, 6.5, 7, 6. 11

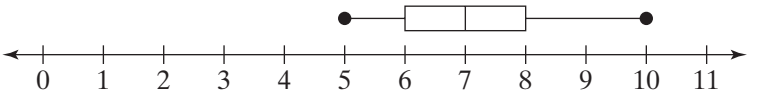


3. The number of tickets to the dance recital sold by some students:

4, 2, 7, 10, 10, 5, 2, 20. 8



4. The box and whisker plot represents the cost of a lunch special at 10 different places.



a. One half of the lunch specials cost between $6 and $8.

b. What fraction of the lunch specials cost more than $8? one fourth

c. What fraction of the lunch specials cost less than $5? Explain.

None; The least cost for the lunch special in this data set was $5.