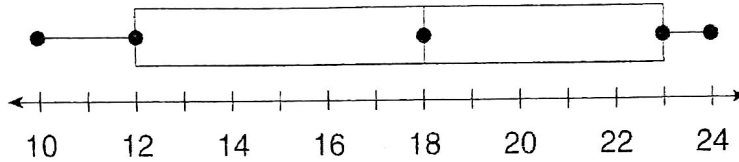


LESSON
11-2

Comparing Data Displayed in Box Plots

Practice and Problem Solving: D

Answer the questions about the box plot. The first one has been done for you.



1. What are the least and greatest data points in the data set of the box plot?

The least data point value is 10; the greatest data point value is 24.

2. What is the median of the data set? _____

3. What are the first and third quartiles of the data set?

1st quartile: _____

3rd quartile: _____

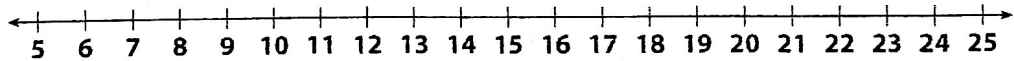
4. What percent of the data is located between the first and third quartiles?

Use the description and data given below to complete Exercises 5–10.
The first question after the drawing is done for you.

- The points scored by a basketball player for eight games are:

6, 10, 12, 14, 16, 18, 20, and 23.

5. Draw a box plot of the data in the space provided.



6. What is the range of the data? 17 points

7. What is the median of the data? _____

8. What are the first and third quartiles?

1st quartile: _____

3rd quartile: _____

9. What is the interquartile range? _____

10. Describe the distribution of the data.