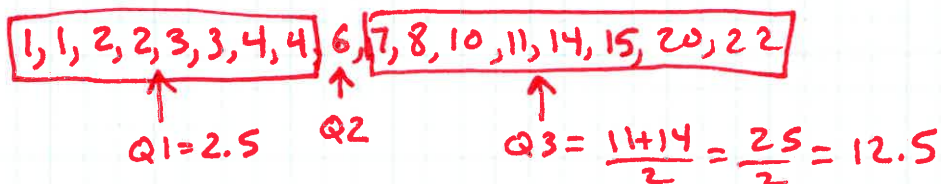


1A.9

Additional PracticeName: KeyBox and Whisker Plots
Interquartile Range

A restaurateur wants to find out more about how far her patrons drive to eat at her restaurant. One day, she decides to gather data about the distance (in miles) that people commuted to get to her restaurant. Customers reported distances traveled as shown in the table.

Create a box and whisker plot to display the data. Then, calculate the interquartile range of the data.

Distance traveled
by customers

Customer	Distance Traveled (miles)
1	14
2	6
3	3
4	2
5	4
6	15
7	11
8	8
9	1
10	7
11	2
12	1
13	3
14	4
15	10
16	22
17	20

$$IQR = Q3 - Q1$$

$$IQR = 12.5 - 2.5$$

$$IQR = 10 \text{ miles}$$

