

11-6 Standardized Test Prep

Analyzing Data

Multiple Choice

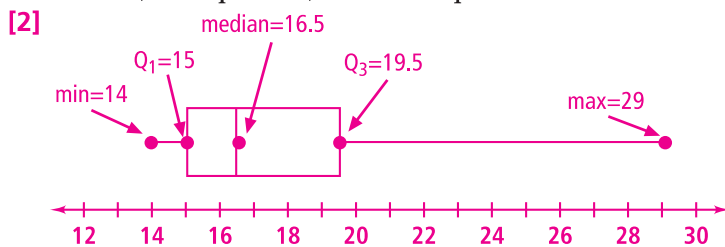
For Exercises 1–5, choose the correct letter. Use the data set below.

Day	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12
Deliveries	14	15	19	15	15	16	19	20	21	29	16	17

- What is the mean of the data set? **D**
 A 12 B 15 C 16.5 D 18
- How many modes does the data set have? **G**
 F 0 G 1 H 2 I 3
- What is the interquartile range of the data? **C**
 A 1.5 B 3 C 4.5 D 15
- What is the median value of the data set *without the outlier*? **F**
 F 16 G 17 H 19 I 29
- What value is at the 50th percentile? **B**
 A 16 B 17 C 19 D 20

Short Response

- Make a box-and-whisker plot of the data set. Label the median, minimum, maximum, first quartile, and third quartile.



[1] incorrect or incomplete work shown
[0] no answer given