

# 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

1. What is the mean of the data set?

- A 12                       B 15                       C 16.5                       D 18

2. How many modes does the data set have?

- F 0                       G 1                       H 2                       I 3

3. What is the interquartile range of the data?

- A 1.5                       B 3                       C 4.5                       D 15

4. What is the median value of the data set *without the outlier*?

- F 16                       G 17                       H 19                       I 29

5. What value is at the 50th percentile?

- A 16                       B 17                       C 19                       D 20

### Short Response

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