Draw Conclusions and Make Predictions

The line plot shows the number of books donated each day for the library book fair. Use the line plot for Problems 1–2.

1. Find the mean, median, and mode of the data.

2. Use the mean, median, and mode to predict the number of books that will be donated on the next day. Explain your answer.

Data Use the stem-and-leaf plot for Problem 3.

3. Find the mean, median, and mode of the data.

Test Prep

4. Use the data below. Which most misrepresents the data: the mean, the median, the mode, or the range?
   5 4 14 6 4 4 5
   A mean  C median
   B mode  D range

5. Use the data from the stem-and-leaf plot above. Which best shows the clusters and gaps in the data: a stem-and-leaf plot or a line plot? Explain your answer.