

PRACTICE

Use the following list of ticket prices to answer Exercises 1–4: \$50, \$42, \$65, \$54, \$70, \$65, \$59, \$30, \$67, \$49, \$54, \$30, \$73, \$47, and \$54.

1. Draw a line plot to display the data.
2. How many ticket prices are \$50 or less?
3. Draw a stem-and-leaf plot to display the data.
4. What is the range of ticket prices costs?

Use the following list of hourly wages of employees to answer Exercises 5–8: \$8.50, \$6, \$10, \$14.25, \$5.75, \$7, \$6.50, \$14, \$10, \$9, \$6.50, \$8.25, \$8.50, \$11.25, \$7, \$16, \$12, \$6, \$6.75.

5. Draw a histogram to display the data. Begin with the interval \$5.00 to \$6.99.
6. Copy and complete: The greatest number of employees earn from ? to ? per hour.
7. Draw a box-and-whisker plot to display the data.
8. Copy and complete: About half of the employees have an hourly wage of ? or less.

Use the line plot, which shows the results of a survey asking people the average number of e-mails they receive daily, to answer Exercises 9 and 10.



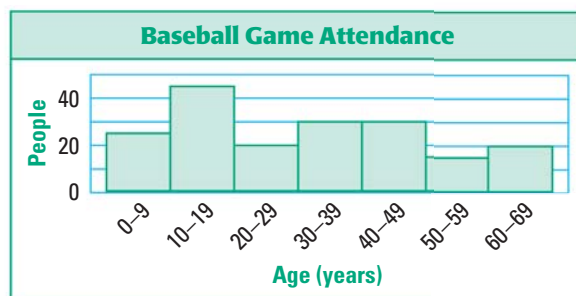
9. Copy and complete: Most people surveyed receive an average of ? e-mails per day.
10. How many people receive an average of more than 10 e-mails per day?

Use the stem-and-leaf plot, which shows the weights (in pounds) of dogs at an animal shelter, to answer Exercises 11–13.



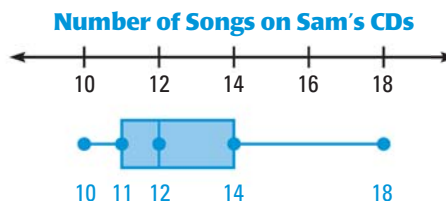
11. How many dogs were at the shelter?
12. Find the median of the data.
13. Find the range of the data.

Use the histogram to answer Exercises 14–16.



14. Which age group had the greatest attendance at the baseball game? Which had the least?
15. How many children up to the age of 9 years attended the baseball game?
16. Which age group had the same attendance as the oldest group?

Use the box-and-whisker plot to answer Exercises 17–19.



17. What is the median number of songs on Sam's CDs?
18. What is the upper quartile of songs on Sam's CDs?
19. What is the least number of songs on one of Sam's CDs? What is the greatest number?