

11 Chapter 11 Test, Form 2B (continued)

Choose an appropriate type of display for each situation.

13. the average price of a loaf of bread over the last 20 years
 A. line graph B. line plot C. circle graph D. histogram 13. _____

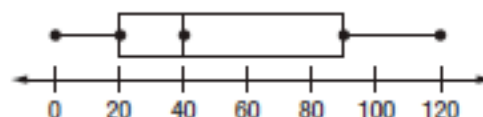
14. the number of cars sold by an individual salesperson compared to the store total
 F. circle graph G. line graph H. line plot J. histogram 14. _____

HOME SALES For Questions 15–17, use the box-and-whisker plot. It shows the number of days on the market for single family homes in a city.

15. Find the range of the data.

A. 30 C. 90
 B. 40 D. 120

Home Sales: Days on the Market



16. Identify any outliers.
 F. 0 G. 90 H. 120 J. no outliers 16. _____

17. What percent of the homes were on the market less than 90 days?
 A. 0% B. 25% C. 50% D. 75% 17. _____

18. **TEMPERATURE** Which number would *not* appear as a stem in a stem-and-leaf plot of the data at the right?

F. 6 H. 5
 G. 4 J. 3

Record High Temperatures (°C)

California	57	Nevada	52
Colorado	48	Ohio	45
Florida	43	Texas	49
Nebraska	48	Alaska	38

18. _____

Source: www.factmonster.com

GREETING CARDS The list shows prices of various greeting cards at a local store. Organize the data in a table using the intervals \$0.51–\$1.25, \$1.26–\$2.00, \$2.01–\$2.75 and \$2.76–\$3.50. Use the table to answer the questions below.

\$3.25	\$2.29	\$3.39	\$1.97	\$1.82
\$3.49	\$1.99	\$3.42	\$2.49	\$2.95
\$1.35	\$1.79	\$2.78	\$1.39	\$3.19

19. How many greeting cards are in the \$1.26–\$2.00 interval?
 A. 4 B. 6 C. 7 D. 8 19. _____

20. Which is the most common interval of prices?
 F. \$0.51–\$1.25 G. \$1.26–\$2.00 H. \$2.01–\$2.75 J. \$2.76–\$3.50 20. _____

Bonus Find the median and mode of the following data. B: _____

