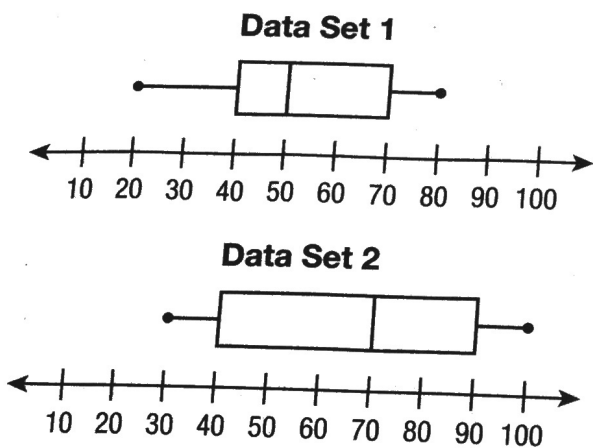


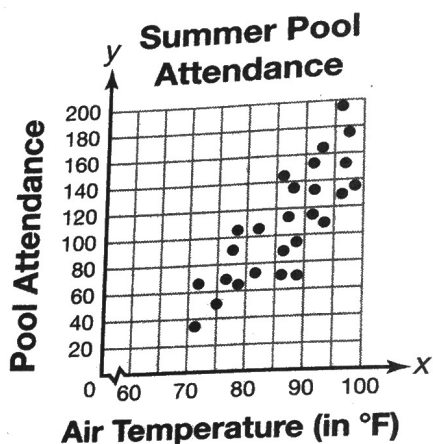
16. Box plots representing Data Set 1 and Data Set 2 are shown below.



Which statement about the data sets is true?

- A. The interquartile ranges of Data Sets 1 and 2 are 30 and 50 respectively; therefore, Data Set 1 exhibits a greater spread.
- B. The interquartile ranges of Data Sets 1 and 2 are 30 and 50 respectively; therefore, Data Set 2 exhibits a greater spread.
- C. The interquartile ranges of Data Sets 1 and 2 are 60 and 70 respectively; therefore, Data Set 1 exhibits a greater spread.
- D. The interquartile ranges of Data Sets 1 and 2 are 60 and 70 respectively; therefore, Data Set 2 exhibits a greater spread.

17. A community pool manager tracked air temperature and pool attendance throughout the summer. The results are recorded on the scatter plot below.



Based on the scatter plot, which best describes the relationship between pool attendance and air temperature?

- A. Increase in pool attendance is directly caused by increased air temperature.
- B. Increase in air temperature is directly caused by pool attendance.
- C. There is a positive correlation between pool attendance and air temperature.
- D. There is no correlation between pool attendance and air temperature.