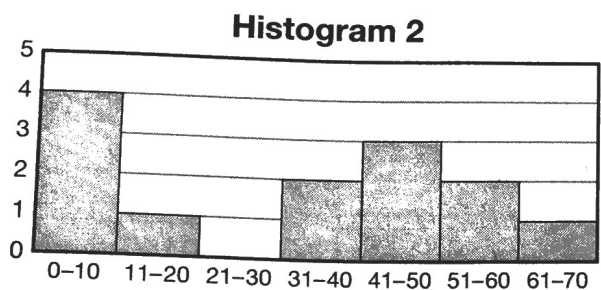
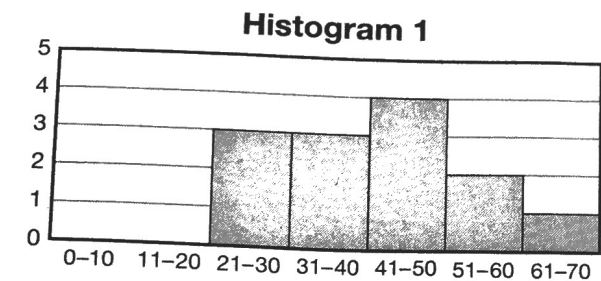


11. Two histograms are shown below.

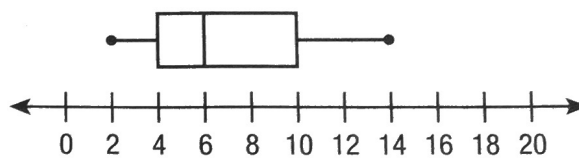


Which is most likely true about the data?

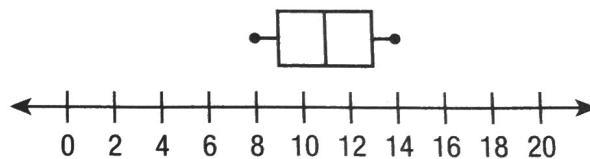
- A. The ranges of the data sets are the same.
- B. The mean absolute deviation of the data sets is the same.
- C. The outliers in Histogram 2 affect the median more than the mean.
- D. The mean in Histogram 2 is smaller than the mean in Histogram 1.

12. Kasim and Dana both play basketball. The league has been keeping track of the points that individuals score during each game. In the first eight games of the season, Kasim has scored 12, 5, 8, 7, 14, 2, 3, and 5 points. Dana has scored 10, 12, 8, 10, 14, 13, 8, and 13 points. Box plots to represent their point totals are shown below.

Kasim's Point Totals



Dana's Point Totals



Which data set has a greater mean absolute deviation?

- A. Kasim's Point Totals
- B. Dana's Point Totals
- C. The mean absolute deviations are equal.
- D. There is not enough information.