



- 8) What was the speed of the fastest car on Main Street?
- 9) What was the median speed on Main Street?
- **10)** What percent of cars were traveling less then 22 mph?
- **11)** What is the 1<sup>st</sup> quartile?

## Use the box-and-whisker plot below to answer each question.

Test Scores



- **12)** What is the range?
- 13) What is the interquartile range?
- 14) What percent of students scored between 83 and 96?
- 15) What was the lowest score?

The following is a list of popcorn kernels that did not pop in 15 bags of microwave popcorn. Use this data to fill in the missing information and to make a box-and-whisker plot.







Following is a list of the high temperatures for Lehi, Utah from March 1 through March 16 in 2009 (obtained from the website <u>www.weather.com</u>). Use this data to make a boxand-whisker plot.



Three classes all take the same test. The next three box-and-whisker plots all are made from those classes scores. Use them to answer #44-49.



44) Which class had the largest range?

- **45)** Which class had the lowest score?
- 46) Which class had the highest score?

**47)** Which class likely had the highest average? Which class did the worst? Explain.

A fitness center offers two different yoga classes. The attendee for each class for 12 sessions is represented in the box-and-whisker plot below.



- **49)** What is the largest number of people that attended a class?
- **51)** Which class had the lowest median of attendees?
- **50)** Which class had the lowest attendance? What was that attendance?
- **52)** Which class likely had the highest average of people attend?