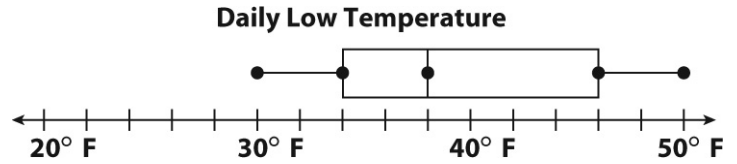


Section 13.4 Box Plots

Use the box plot for problems 1 – 3.



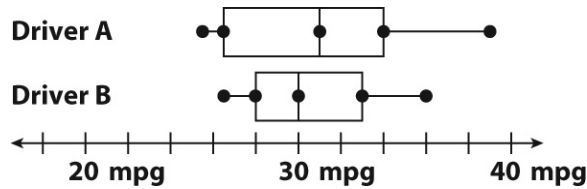
- Identify what each value stands for.

30° F is the _____ 34° F is the _____

38° F is the _____ 46° F is the _____

50° F is the _____
- Find the range of the temperatures.
- Determine whether the temperature of 50° is an outlier.

Weekly fuel economy figures for the drivers of two cars are shown in the box plots below. Use the box plots for Problems 4–8.



- Who has the lowest overall weekly figure?
- Who has the higher median?
- Who has the lower interquartile range?
- Who had the highest weekly figure?
- The higher the number, the better the fuel economy. Based on the box plots, which driver has better overall fuel economy. Justify your conclusion.

9. Make a box plot for this set of data. Be sure to mark the five key points.

10, 14, 18, 12, 20, 24, 9, 25, 14, 16

Minimum =

First Quartile =

Median =

Third Quartile =

Maximum =

