

16.3 BOX PLOTS

Learning Target: I can use a box plot and measures of spread to describe a data set.

- A **box plot** is a display that shows how the values in a data set are distributed or spread out.

To make a box plot, find:

- the least value

- the **lower quartile** – the median of the lower half of the data
- the median
- the **upper quartile** – the median of the upper half of the data
- the greatest value

- The **interquartile range** (IQR) is the difference of the upper quartile and the lower quartile.

- The **range** is the difference of the greatest value and the least value in a set of data.

