

Summarizing Columns in the Animals Dataset

Find the measures of center and spread to summarize the pounds column of the Animals Table.
Be sure to add examples to your Contracts page as you work.

Measures of Center

The three measures of center for this column are:

Mean (Average)	Median	Mode(s)
approx. 39.7	11.3	[list: 0.1, 6.5]

Since the mean is higher compared to the median, this suggests the shape is skewed right.
[higher/lower/about equal]
[skewed right (or high outliers) / skewed left (or low outliers) / symmetric]

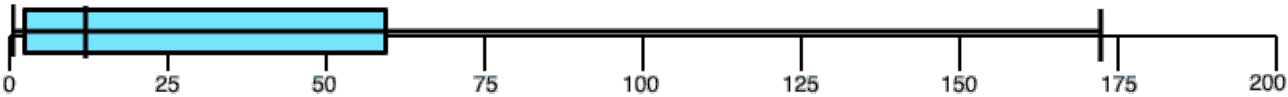
Measures of Spread

My five-number summary is:

Minimum	Q1	Median	Q3	Maximum
0.1	3.9	11.3	60.4	172

Displaying Center and Spread with a Box Plot

Draw a box plot from this summary on the number line below.
Be sure to label the number line with consistent intervals.



From this summary and box-plot, I conclude:

While the animals' weights range from 0.1 pounds to 172 pounds,
50% of the animals weigh 11.3 pounds or less. The animal that
weighs 172 pounds may be an outlier.