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

[higher/lower/about equal]

___skewed right___ .

[skewed right (or high outliers) / skewed left (or low outliers) / symmetric]
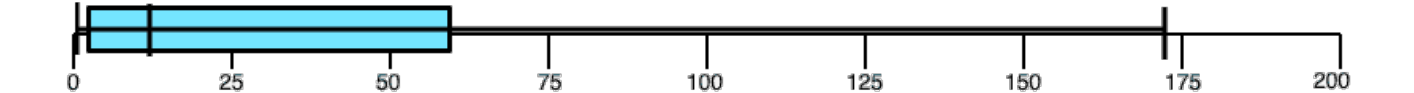
Measures of Spread

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.