You can use a **word magnet** to organize information associated with a vocabulary word. Here is an example of a word magnet for measures of central tendency.

Mean: sum of the data divided by the number of data values

Measures of Central Tendency

For an odd number of values, the median is the middle value.

For an even number of values, the median is the mean of the two middle values.

Median: middle value of an ordered data set

Mode: value(s) that occur(s) most often

Data can have one mode, more than one mode, or no mode.

Example: 1, 2, 2, 3, 4
Mean: $\frac{12}{5} = 2.4$
Median: 2
Mode: 2

Example: 1, 2, 3, 4, 5, 6
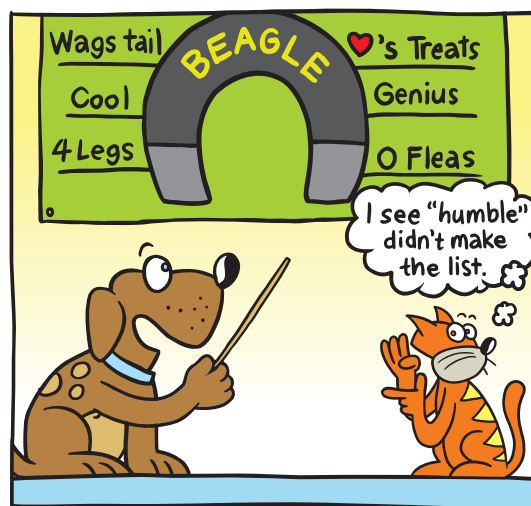Mean: $\frac{21}{6} = 3.5$
Median: $\frac{7}{2} = 3.5$
Mode: none

On Your Own

Make a word magnet to help you study these topics.

1. outliers

2. box-and-whisker plots

After you complete this chapter, make word magnets for the following topics.

3. scatter plots

4. lines of best fit

5. data displays

Wags tail · BEAGLE · ♥'s Treats
Cool · Genius
4 Legs · 0 Fleas

I see "humble" didn't make the list.

"How do you like the word magnet I made for 'Beagle'?"