

Vocabulary

Measures of Center - mean, median, and mode are considered the center of a set of data.

Median - The value appearing at the middle of a sorted version of a list or the mean of the two central values.

Mode - the number(s) or item(s) that appear most often in a set of data. You may have more than one mode.

Key Concept:

Median is most appropriate when the data has extreme values and there are no big gaps in the middle of the data.

Mode is most appropriate when the data has many repeated numbers.

Guided Practice:

40, 42, 46, 50 | 56, 57, 62, 62

- Find and compare the median and mode for the following set of data monthly spending: \$46, \$62, \$62, \$57, \$50, \$42, \$56, and \$40.

Median: 53

Mode: 62

Compare: The median is less than the mode.

- Describe the daily high temperatures using the measures of center (~~mean~~, median, and mode).

Daily High Temperature (°F)
34 , 31 , 35 , 24 , 31 , 33 , 36

24, 31, 31, 33, 34, 35, 36

Median: 33

Mode: 31

Compare: The median is greater than the mode.

Partner Talk

What is the median and mode of the following data set: 18, 20, 22, 11, 18, 18, and 18?

Median: 18, 18, 18, 18, 19, 20, 22

Mode: 18

Building on the Essential Question - How are mean and median similar?

They both summarize the data using a single number.

Rate Yourself!

Are you ready to move on? Yes OR No