What is the mode of this set of data?

41, 47, 46, 47, 39, 41, 39, 46

NONE

if all numbers appear the same amount, even if that is more than once, then there is No Mode.

Given a set of data, how many Modes could there be?

- None
- One
- Many

Set 1: 16, 23, 30, 18, 19, 85, 23, 17, 9, 14

Outlier: An item that is substantially different from the other items in the set.

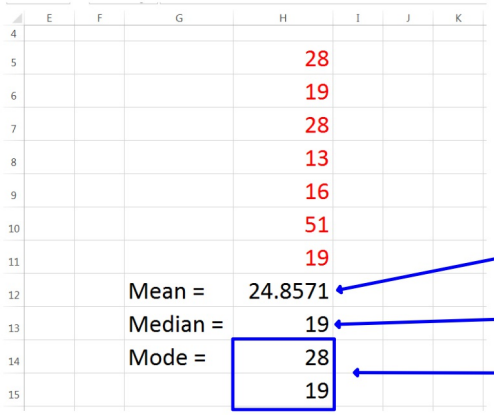
What statistic is usually affected the most by an outlier?

Usually the Mean

If there is an outlier what could this indicate?

- A mistake was made collecting the data
- A piece of equip needs to be checked
- Data is ok there is just one of the values that is quite different from the others

Using a computer spreadsheet to find Mean, Median, and Mode.



You can also find a link on my blog to find Mean, Median, Mode, and Range.

Box-and-Whisker Plot:

Made using the 5 number summary