Median	Megn
 Middle of the data Accurate measure of central tendency when the data has an outlier Outlier: data that is much bigger or much smaller than the rest of the data Steps to find the median: Put the data in order from least to greatest Find the middle number (If there are 2 numbers in the middle add them together and divide by 2 to get the median) 	 Average of the data Accurate measure of central tendency when the data has a small range To find the mean: Find the sum of your data set Count the amount of #s in the data set Divide the sum by the amount of #s in the data set
1, 3, 3, 6 , 7, 8, 9 Median = <u>6</u> 1, 2, 3, 4 , 5 , 6, 8, 9 Median = (4 + 5) ÷ 2 = <u>4.5</u>	Example 1. Find the mean of the following set of numbers. 19, 6, 17, 6 Solution. To find the mean divide the sum of the numbers by the number of numbers. $\frac{\text{Sum of numbers}}{\text{Number of numbers}} = \frac{19 + 6 + 17 + 6}{4}$ $= \frac{48}{4}$ $= 12$

Median	MEGN
 Accurate measure of when the data has an o Outlier: data that is much or much or much than the rest of the data Steps to find the median: Put the data in order from 2. Find the (If there are 2 numbers in the middle add them together and divide by 2 to get the median) 	 Accurate measure ofwhen the data has a Steps to find the mean: Find theof your data set Count theof your data set Count thein the data set 3by the amount of #s in the data set
Examples: • 8, 6, 3, 1, 3, 7, 9 • 6, 1, 3, 4, 2, 5, 7, 9, 8	Example: • 19, 6, 17, 6