

# MEAN

# MEDIAN

# MODE

# RANGE

Sally received scores on all of her math quizzes as shown below.

82, 85, 91, 81, 82, 86, 91, 92, 91, 80, 85

Mean:  $82 + 85 + 91 + 81 + 82 + 86 + 91 + 92 + 91 + 80 + 85 = 848$   
1018 = 84.8

Median: 86  
82, 85, 86, 86, 91, 91, 91, 92, 92

Mode: 91, 92

Range:  $92 - 80 = 12$

## "Average"

The sum of a list of numbers in the list divided by the total number in the list.

## "Middle"

List the numbers in order from least to greatest find the middle number.  
If there are 2 numbers in the middle, then add them together and divide by 2.

## "Most"

Common (frequent) value. A list can have more than one mode or no mode.

The largest value in the set minus the smallest.

\*Measures variability

Note: should be a single number

Sally received scores on all of her math quizzes as shown below.

Scores:

84, 85, 91, 81, 52, 92, 99, 91, 100, 65, 92, and 86

List from least to greatest:

52, 65, 81, 84, 85, (86, 91), 91, 92, 92, 99, 100

Mean:  $52 + 65 + 81 + 84 + 85 + 86 + 91 + 91 + 92 + 99 + 100 = 1018$   
 $12 \overline{)1018} = 84.8$

Median: check off both sides until middle  
 $86 + 91 = 177$   $2 \overline{)177} = 88.5$

Mode: 91, 92

Range:  $100 - 51 = 49$