

9.2 Mean



Mean

* **Think: AVERAGE**

To find the Mean:

1. ADD all values.
2. DIVIDE by the number of values.

Example: 83, 86, 91, 92, 94, 99, 99, 100

$$83 + 86 + 91 + 92 + 94 + 99 + 99 + 100 = 744 \qquad 744 \div 8 = 93$$

The Mean (Average) is 93.

Example 2: 81, 81, 85, 87, 89, 89, 100

$$81 + 81 + 85 + 87 + 89 + 89 + 100 = 612 \qquad 612 \div 7 = 87.42....$$

The Mean (Average) is about 87.4



Range

* **Think: DIFFERENCE**

To find the Range:

1. Put numbers in ORDER from least to greatest.
2. Subtract the lowest number from the highest number.

Example: **83**, 86, 91, 92, 94, 99, 99, **100**

$$100 - 83 = 17$$

The Range (Difference) is 17.

Example 2: **81**, 81, 85, 87, 89, 89, **100**

$$100 - 81 = 19$$

The Range (Difference) is 19.