

13) Answer each question using the list below

4, 5, 8, 1, 2, 3, 9, 8, 7, 6, 2

Mean =

What does the standard deviation mean in this case?

Median=

Standard deviation=

Range=

14) Answer each question using the list below

23, 10, 11, 24, 32, 15, 13, 16

Mean =

What does the standard deviation mean in this case?

Median=

Standard deviation=

Range=

15) Answer each question using the list below

3123, 1040, 1511, 2124, 1332, 2154, 5132, 6160

Mean =

What does the standard deviation mean in this case?

Median=

Standard deviation=

Range=

16) Answer each question using the list below

4, 8, 6, 10, 16, 14, 12, 18

Mean =

What does the standard deviation mean in this case?

Median=

Standard deviation=

Range=

Answers

1) MEAN: The average of a set of numbers

2) MEDIAN: The middle number when a list is written in order. If there are two middle numbers, the median is the average of those two numbers

3) MODE: The most frequent number in a list. In the case of multiple modes, the list is said to have no mode.

4) RANGE: The difference between the largest and smallest numbers in a list of numbers.

5) MEAN:10

6) 10.5

7) MODE:11

8) RANGE16

9) STANDARD DEVIATION: The average distance of all of the numbers in a list from the mean.

10) $\bar{x} = 9.9$

$\sigma_x = 5.21$

Med = 10

Range = 13

11) What does the standard deviation mean in this case? The numbers in the list are an average of 5.21 units away from 9.9

12) Mean =129.5

Median=128

Standard deviation=18.8

Range=60

What does the standard deviation mean in this case? The numbers in the list are an average of 18.8 units away from 129.5

13) Mean =5

Median=5

Standard deviation=2.66

Range=8

What does the standard deviation mean in this case? The numbers in the list are an average of 2.66 units away from 5

14) Mean =18

Median=15.5

Standard deviation=7.14

Range=22

What does the standard deviation mean in this case? The numbers in the list are an average of 7.14 units away from 18

15) Mean =2822

Median=2139

Standard deviation=1754.16

Range=5120

What does the standard deviation mean in this case? The numbers in the list are an average of 1754.16units away from 2822

16) Mean =11

Median=11

Standard deviation=4.58

Range=14

What does the standard deviation mean in this case? The numbers in the list are an average of 4.58units away from 11