Standard Deviation & Measures of Spread · 1

Find the range of the data set: 9, 15, 16, 13, 19, 19.

Standard Deviation & Measures of Spread · 2

Find the mean of the data set: 8, 9, 7, 12.

Standard Deviation & Measures of Spread · 3

The population variance of a data set is 64. Find its standard deviation.

Standard Deviation & Measures of Spread · 4

The data set 6, 6, 11, 10, 12 has a mean of 9. Find the sum of the squared differences from the mean.

Standard Deviation & Measures of Spread · 5

A data set has 4 values. The squared differences from the mean add up to 44. Find the population variance.

Standard Deviation & Measures of Spread · 6

The data set 11, 14, 13, 10, 12 has a mean of 12. Find its population variance.

Standard Deviation & Measures of Spread · 7

Find the mean of the data set: 12, 11, 13, 8.

Standard Deviation & Measures of Spread · 8

The data set 1, 7, 1, 7 has a mean of 4. Find its population standard deviation.

Standard Deviation & Measures of Spread · 2

ANSWER

9

Standard Deviation & Measures of Spread · 1

ANSWER

10

Standard Deviation & Measures of Spread · 4

ANSWER

32

Standard Deviation & Measures of Spread · 3

ANSWER

8

Standard Deviation & Measures of Spread · 6

ANSWER

2

Standard Deviation & Measures of Spread · 5

ANSWER

11

Standard Deviation & Measures of Spread · 8

ANSWER

3

Standard Deviation & Measures of Spread · 7

ANSWER

11

Standard Deviation & Measures of Spread · 9

Find the range of the data set: 24, 14, 13, 14, 22.

Standard Deviation & Measures of Spread · 10

Find the mean of the data set: 10, 15, 12, 12, 11.

Standard Deviation & Measures of Spread · 11

The population variance of a data set is 36. Find its standard deviation.

Standard Deviation & Measures of Spread · 12

The data set 10, 11, 12, 15 has a mean of 12. Find the sum of the squared differences from the mean.

Standard Deviation & Measures of Spread · 13

A data set has 4 values. The squared differences from the mean add up to 52. Find the population variance.

Standard Deviation & Measures of Spread · 14

The data set 4, 4, 4, 8 has a mean of 5. Find its population variance.

Standard Deviation & Measures of Spread · 15

Find the mean of the data set: 7, 10, 12, 15.

Standard Deviation & Measures of Spread · 16

The data set 6, 12, 12, 6 has a mean of 9. Find its population standard deviation.

Standard Deviation & Measures of Spread · 10

ANSWER

12

Standard Deviation & Measures of Spread · 9

ANSWER

11

Standard Deviation & Measures of Spread · 12

ANSWER

14

Standard Deviation & Measures of Spread · 11

ANSWER

6

Standard Deviation & Measures of Spread · 14

ANSWER

3

Standard Deviation & Measures of Spread · 13

ANSWER

13

Standard Deviation & Measures of Spread · 16

ANSWER

3

Standard Deviation & Measures of Spread · 15

ANSWER

11

Find the population variance of the data set: 12, 12, 14, 17, 11, 18.

Find the population standard deviation of the data set: 21, 27, 23, 30, 26, 23.

The data set 29, 32, 26, 27, 31 has a mean of 29. Find the sum of the squared differences from the mean.

Set A: 9, 9, 9, 12, 9, 12. Set B: 7, 7, 11, 14, 9, 12. Both sets have a mean of 10. Which set has the greater standard deviation? Answer A or B.

Find the population standard deviation of the data set: 24, 28, 22, 25, 26.

A data set has 5 values. The squared differences from the mean add up to 180. Find the population standard deviation.

Find the population variance of the data set: 19, 12, 18, 10, 16.

Find the range of the data set: 11, -5, -9, -3, -6, -3.

Standard Deviation & Measures of Spread · 18

ANSWER

3

Standard Deviation & Measures of Spread · 17

ANSWER

7

Standard Deviation & Measures of Spread · 20

ANSWER

B

Standard Deviation & Measures of Spread · 19

ANSWER

26

Standard Deviation & Measures of Spread · 22

ANSWER

6

Standard Deviation & Measures of Spread · 21

ANSWER

2

Standard Deviation & Measures of Spread · 24

ANSWER

20

Standard Deviation & Measures of Spread · 23

ANSWER

12