

<b>Started on</b>	Friday, 18 September 2020, 6:10 PM
<b>State</b>	Finished
<b>Completed on</b>	Friday, 18 September 2020, 6:10 PM
<b>Time taken</b>	36 secs
<b>Grade</b>	<b>5.00</b> out of 5.00 ( <b>100%</b> )

## Question 1

Correct

Mark 1.00 out of 1.00

The temperature fluctuated between a low of 73°F and a high of 89°F. Which of the following could be calculated using just this information?

- a. Variance
- b. Range ✓
- c. Standard deviation
- d. Median

Your answer is correct.

The correct answer is:

Range

## Question 2

Correct

Mark 1.00 out of 1.00

Which of the following is a measure of the variability of a distribution?

- a. Range ✓
- b. Sample Size
- c. Median
- d. Skewness

Your answer is correct.

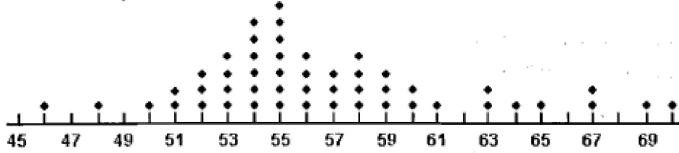
The correct answer is:

Range

## Question 3

Correct

Mark 1.00 out of 1.00



A dot plot of the speeds of a sample of 50 cars passing a policeman with a radar gun is shown below. What proportion of the motorists was driving above the posted speed limit of 60 km per hour?

- a. 0.08
- b. 0.12
- c. 0.22
- d. 0.18



Your answer is correct.

The correct answer is: 0.18

## Question 4

Correct

Mark 1.00 out of 1.00

A market share of 78.5% would be represented in a pie chart by a slice with a central angle of:

- a. 178.5 degrees
- b. 78.5 degrees
- c. 141.3 degrees
- d. 282.6 degrees



Your answer is correct.

The correct answer is: 282.6 degrees

**Question 5**

Correct

Mark 1.00 out of 1.00

For data sets with extreme values, which of the following is the most appropriate measure of centre ?

- a. Mean
- b. Mode
- c. Median
- d. Range



Your answer is correct.

The correct answer is: Median

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