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

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.

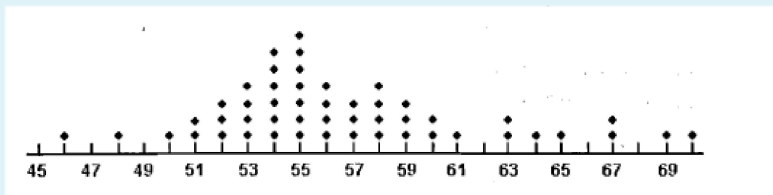
The correct answer is:

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

[◀ Ch2.Q4](#)[Sept 7 Video ▶](#)