Question

7 In a study on survival time for ten patients following a new treatment for AIDS. The time in months were given thus: 24, 12, 8, 20, 3, 18, 24, 25,and 27.Determine the mean for the given data.

20

17.9

24

6.8

Solution

The mean of several numbers equals the sum of those numbers divided by the quantity of numbers.

Thus, the mean for 24, 12, 8, 20, 3, 18, 24, 25, and 27 will be

$(24 + 12 + 8 + 20 + 3 + 18 + 24 + 25 + 27) / 9 = 161/9 \approx 17.9$.

Answer: 17.9.

Question

8 .... is the science which deals with data collection, compilation, presentation, analysis and interpretation of numerical data for decision making.

sample space

sample

experiment

statistics

Answer: statistics

Question

9 An .... is a repetitive activity carried out for an expected result

experiment

sample

sample space

statistics

Answer: experiment

Question

10 A .... is the total collection of all the possible outcomes of an experiment

sample space

sample

experiment

statistics

Answer: sample space