

d. It is easier to calculate

17

The cumulative frequency curve is drawn by plotting the number of observations (or the percentage of observations) that are less than or equal to the value on the x-axis.

18

When calculating a measure of dispersion, we use the absolute or squared value of the deviation from the mean because the sum of the values of these deviations is always zero.

19

The most frequently occurring value is known as the

Answer:

mode

20

The impetus to study probability came from games of chance.

21

The probability of event A is 0.1 and that of B is 0.5. What is the probability of either A or B occurring if they are mutually exclusive? Give your answer correct to one decimal place.

Answer:

0.6

22

"A value between 0 and 1, inclusive, describing the relative likelihood (chance or likelihood) an event will occur" quoted from Lind, Marchal & Wathan.

23

40% of a business's customers are male and 30% of all customers live in London. 10% of customers are both male and live in London. What percentage of customers are either male or living in London? Give your answer as a whole number of percent.

Answer:

60%