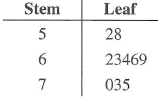
SINGLE AND BIVARIATE STATISTICS

<\_\_\_question>

Type=1

<\_block>

For the stem and leaf plot which of these is the range of scores?



<\_block>

[A] 3

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[B]

<\_\_\_question>

Type=1

<\_block>

The mean and standard deviation of the golf scores of 100 players were 82 and 3 respectively. There were 10 players who scored 82. If these results were removed, what effect would there be on the standard deviation ?

<\_block>

[A] increase

<\_block>

[B]

<\_block>

[C] unchanged

<\_block>

[D] not enough information

<\_block>

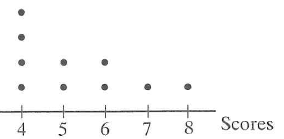
[A]

<\_\_\_question>

Type=1

<\_block>

Using the figure below which of these is the best description of the scores ?



<\_block>

[A] negatively skewed

<\_block>

[B]

<\_block>

[C] symmetrical

<\_block>

[D] positively skewed

<\_block>

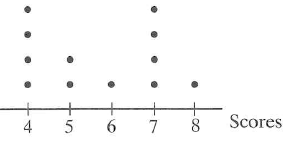
[D]

<\_\_\_question>

Type=1

<\_block>

Using the figure below which of these is the best description of the scores ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C] negatively skewed

<\_block>

[D] symmetrical

<\_block>

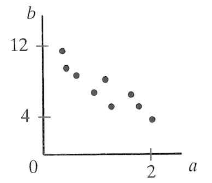
[A]

<\_\_\_question>

Type=1

<\_block>

Using the figure below which of these is closest to the likely value of *b* if *a =* 1 ?



<\_block>

[A] 4

<\_block>

[B]

<\_block>

[C] 8

<\_block>

[D] 10

<\_block>

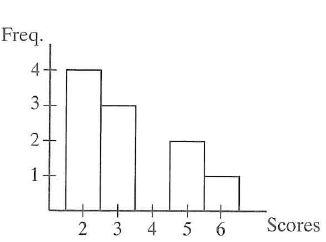
[C]

<\_\_\_question>

Type=1

<\_block>

Using the figure below which of these is the median ?



<\_block>

[A] 2

<\_block>

[B]

<\_block>

[C] 5.5

<\_block>

[D] 6

<\_block>

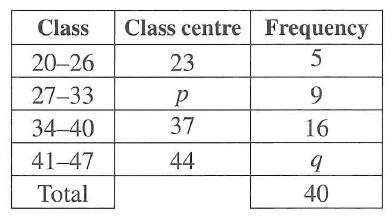
[B]

<\_\_\_question>

Type=1

<\_block>

Below is the grouped data frequency table. Which of these is the value of *q* ?



<\_block>

[A] *q = 4*

<\_block>

[B]

<\_block>

[C] *q = 8*

<\_block>

[D] *q = 10*

<\_block>

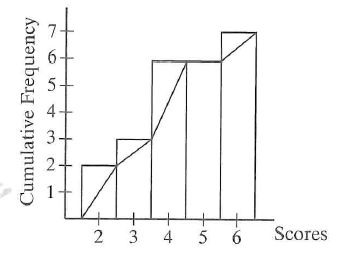
[D]

<\_\_\_question>

Type=1

<\_block>

Using the below figure how many scores are less than 5 ?



<\_block>

[A] *2*

<\_block>

[B]

<\_block>

[C] *6*

<\_block>

[D] *11*

<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

For the mean ( ***)* and the standard deviation ( *σ ),* which of these is the highest score ?**

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D] ***- 2σ***

<\_block>

[B]

<\_\_\_question>

Type=1

<\_block>

The test results of 28 students ranged from 46 to 94 with a lower quartile of 63, a median of 84, and an interquartile range of 24. Which of these is the best description for the skewness of the data?

<\_block>

[A] positively skewed

<\_block>

[B]

<\_block>

[C] negatively skewed

<\_block>

[D] not enough information

<\_block>

[D]

<\_block>

[C]