

Marks are indicated in brackets after each question number

2015 Paper 1 Question 10, (3) (2)

Ten couples took part in a dance competition.

The couples were given a score in each round.

The scores in the first round were

16 27 12 18 26 21 27 22 18 17

- (a) Calculate the median and semi-interquartile range of these scores.
- (b) In the second round, the median was 26 and the semi-interquartile range was 2.5.
Make two valid comparisons between the scores in the first and second rounds.

2017 Paper 1 Question 2, (2)

The number of calls received by the police was recorded over 10 days.

The results are shown below.

198 216 218 230 232 247 248 250 265 267

Find the semi-interquartile range of this data.

2019 Paper 1 Question 5, (3) (2)

The midday temperatures in Grantford were recorded over a nine day period.
The temperatures, in °C, were

4 7 4 3 6 10 9 5 3

(a) Calculate the median and semi-interquartile range for these temperatures.

Over the same nine day period the midday temperatures in Endoch were also recorded.

The median temperature was 8 °C, and the semi-interquartile range was 1.5 °C.

(b) Make two valid comments comparing the midday temperatures of Grantford and Endoch during this period.