

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.