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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. 3

(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. 2

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Answers:

(a) Median = 19.5

SIQR = 4.5

(b) On average, the second round's scores were higher.

The second round's scores were more consistent.

*(or equivalent statements)*