



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. 3

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. 2

Answers:

(a) Median = 5

SIQR = 2.25

(b) On average, temperatures in Grantford are lower.

Temperatures in Grantford are less consistent.

(or equivalent statements)