

National 5 Maths
QS 2026 Paper 1
Question 3

A restaurant recorded the waiting times to be seated from a sample of its customers.

The waiting times, in minutes, of ten customers were:

2 20 5 14 2 4 8 18 6 15

- (a) Calculate the median and interquartile range of the waiting times. 3

A café also recorded the waiting times to be seated from a sample of its customers.

The median waiting time at the café was 5 minutes and the interquartile range was 12 minutes.

- (b) Make two valid comments comparing the waiting times at the restaurant and at the café. 2

Answers:

- (a) Median = 7
IQR = 11
- (b) On average, the waiting times in the restaurant are longer.
The waiting times in the café are more varied.
(or equivalent statements)