N5 Maths: Data Sets

Answers

Q1 **a)** 10
b) 11
c) 31
d) 66.5

Q2 **a)** 10
b) 9
c) 36
d) 46.5

Q3 **a)** 6
b) 4
c) 4
d) 6.5

Q4 **a)** Mean = 6. Standard deviation ≈ 2.24.
b) Mean = 14. Standard deviation ≈ 2.16.
c) Mean = 6. Standard deviation = 2.
d) Mean = 23. Standard deviation ≈ 4.72.

Q5 Standard deviation ≈ 3.01 (using the second formula, because it doesn't need the mean)

Q6 Brian's mean = 6. Ross's mean = 7.
On average, Brian's scores were better than Ross's (because lower is better in golf).

Brian's standard deviation ≈ 2.12. Ross's standard deviation = 1.
Ross's scores were more consistent than Brian's.

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