

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 \approx 2.24.
b) Mean = 14. Standard deviation \approx 2.16.
c) Mean = 6. Standard deviation = 2.
d) Mean = 23. Standard deviation \approx 4.72.

Q5 Standard deviation \approx 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 \approx 2.12. Ross's standard deviation = 1.

Ross's scores were more consistent than Brian's.