

QUESTION 1

- 1.1 A school's hockey team recorded the number of push-ups each player completed in a minute. The numbers for the seven players were:

29 27 24 31 22 19 30

- 1.1.1 Calculate the:

(a) Mean (2)

(b) Standard deviation (1)

- 1.1.2 How many players were within one deviation of the mean? (3)

- 1.1.3 Seven players in the school's rugby team also recorded the number of push-ups they completed in a minute. Their numbers gave a mean of 26 and a standard deviation of 3,2.

Use the standard deviations and the means to compare the number of push-ups of the players in the rugby and hockey teams. (2)

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