A school netball team recorded the number of sit-ups each player completed in a minute.

The numbers for the seven players were:

29   27   24   31   22   19   30

(a) Calculate the mean and standard deviation of the numbers of sit-ups.   **4**

Some players in the school's hockey team also recorded the number of sit-ups they completed in a minute.

Their numbers gave a mean of 29 and a standard deviation of 3.2.

(b) Make two valid comments comparing the numbers of sit-ups of the players in the netball team and the hockey team.   **2**

Answers:

(a)   Mean = 26

Standard deviation = 4.47

(b)   On average, the hockey team recorded a higher number of sit-ups.

The hockey team's numbers of sit-ups were more consistent.

(or equivalent statements)