

A basketball club has a large number of players. The heights, x m, of a random sample of 10 of these players are measured. A 90% confidence interval for the population mean height, μ m, of players in this club is calculated. It is assumed that heights are normally distributed. The confidence interval is $1.78 \leq \mu \leq 2.02$.

Find the values of $\sum x$ and $\sum x^2$ for this sample.

[6]