Examiner only

14. *(a)* The marks scored by 10 pupils in a test were as follows:

48 26 82 34 56 86 56 24 72 63

Calculate the mean and standard deviation of the 10 test marks.

[3]

(b) Marks are added for the standard of presentation of work.
In this case, two marks were added to each pupil's test mark.
State the new mean and standard deviation for the test results.
Give a reason for your answer.

[3]