

26 There are 30 students in a class.

All the students in the class take a test.

Here are the marks in the test for the 12 girls in the class.

35 42 67 83 21 24 56 32 69 98 x 49

where $x > 70$

(a) Find the median of the girls' marks.

.....

(2)

The mean mark for the 12 girls is 54.5

(b) Find the value of x .

$x =$

(2)

The mean mark for the boys is 56

(c) Calculate the mean mark for the 30 students in the class.

.....

(3)

(Total for Question 26 is 7 marks)

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