Mean from a list

Grade 2 | Foundation | 5 questions, 20 marks

GCSE Statistics topic practice

Name: _____ **Date:** _____ **Score:** _____ **/ 20**

1 Here are the numbers of goals a netball team scored in five matches.

12 15 9 14 10

a. Work out the mean number of goals. (2)

b. In how many of the matches did the team score more than the mean? (1)

(3 marks)

2 Here are the numbers of text messages sent by six friends in one day.

14 9 22 17 11 23

a. Work out the mean number of text messages. (2)

b. A seventh friend sent 30 text messages on the same day.
Work out the mean for all seven friends. (2)

(4 marks)

3 Olu records how many minutes late the buses are on two routes.

Route	Minutes late
Route 12	3 7 0 6 4
Route 40	6 2 9 3

On average, which route has the later buses?
You must show your working.

(4 marks)

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4 Ravi takes four spelling tests. Each test is out of 15.

His scores in the first three tests are

7 12 6

His mean score for all four tests is 9.

a. Work out Ravi's score in the fourth test. (3)

b. Ravi's sister says, "The mean is always one of the scores."
Use Ravi's scores to show that she is wrong. (1)

(4 marks)

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5 Here are the numbers of visitors to a small museum on six days.

Day	Mon	Tue	Wed	Thu	Fri	Sat
Visitors	42	38	45	40	35	160

On Saturday the museum held a free family day.

a. Work out the mean number of visitors for the six days. (2)

b. Explain why this mean is not a good average for the number of visitors on a normal day. (1)

c. Work out the mean number of visitors from Monday to Friday. (2)

(5 marks)

End of questions | Total 20 marks

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