



Name: _____



a) 6 students get a mean mark of 18 in a test.
How many marks did they get altogether?

b) 5 students scored 40 marks in total.
The mean mark of 6 of the students was 9.
How many marks did the last student get?

c) 8 students scored 120 marks in total.
The mean mark of 7 of the students was 16.
How many marks did the last student get?

d) 15 students scored 285 marks in total.
The mean mark of 14 of the students was 20.
How many marks did the last student get?

e) 3 students got a mean of 12 marks in test. A
4th students mark changed the mean to 13.
How many marks did the 4th student get?

f) 6 students got a mean of 14 marks in test. A
7th students mark changed the mean to 16.
How many marks did the 7th student get?

g) 6 boys have a mean score of 12 and 10 girls gave a mean score of 10 on a test.
Calculate the overall mean score on the test.

h) 11 men have a mean height of 1.75m and 14 women have a mean height of 1.65m.
Calculate the overall mean height.

i) 11 dogs have a mean weight of 7.2kg and 9 cats have a mean weight of 3.8kg.
Calculate the overall mean weight.

Exam question:

50 runners complete a marathon. 20 were under 30 years old, and the rest 30 or over. The mean time for under 30s was 3 hours 15 minutes, and the mean time for everyone 30 or over was 4 and half hours.
What was the mean time for all 50 runners?

