Name:_____

GCSE (1 - 9) Reverse Mean	Solutions:

These questions represent all of the times that this topic has appeared in unlocked Pearson Edexcel GCSE maths papers.

Question	Where the question appeared
1	Edexcel, GCSE, Summer 2017, Paper 1H, Q7
2	Edexcel, GCSE, Autumn 2019, Paper 1H, Q6
3	Edexcel, GCSE, Autumn 2020, Paper 3H, Q7

1

There are 10 boys and 20 girls in a class.
The class has a test.

The mean mark for all the class is 60
The mean mark for the girls is 54

Work out the mean mark for the boys.

.....

(Total for Question 7 is 3 marks)

[Edexcel, GCSE, Summer 2017, Paper 1H, Q7]

2

4 red bricks have a mean weight of 5 kg.
5 blue bricks have a mean weight of 9 kg.
1 green brick has a weight of 6 kg.

Donna says,

"The mean weight of the 10 bricks is less than 7 kg."

Is Donna correct?
You must show how you get your answer.

(Total for Question 6 is 3 marks)

[Edexcel, GCSE, Autumn 2019, Paper 1H, Q6]

3

There is a total of 45 boys and girls in a choir.

The mean age of the 18 boys is 16.2 years.
The mean age of the 27 girls is 16.7 years.

Calculate the mean age of all 45 boys and girls.

..... years

(Total for Question 7 is 3 marks)

[Edexcel, GCSE, Autumn 2020, Paper 3H, Q7]