

Averages and Range

1



Five consecutive whole numbers add up to 85. What is their median?

Answer _____

2



The temperatures at midday on six days were 6, -3, 8, -5, 1, 5, in $^{\circ}\text{C}$.
Work out the mean and the range.

Answer _____

3



Five judges' scores have a mean of 6.4. Then it is found that a score of 3 was typed in as 8. What is the correct mean?

Answer _____

4



Six parcels have a mean mass of 5 kg. One parcel is taken away and the mean mass of the other five is 5.6 kg. What is the mass of the parcel taken away?

Answer _____

5



Four runners took a mean time of 10 minutes to finish a race.
Six other runners took a mean time of 15 minutes. What was the mean time of all ten runners?

Answer _____

6



The median of the six numbers 9, 2, 14, 6, 11, x is 8. Work out the value of x .

Answer _____

7



Four numbers have a mean of 8 and a range of 11. Two of the numbers are 6 and 9. Work out the other two numbers.

Answer _____

8



A sixth number is added to 3, 7, 8, 12, 15 and the mean goes up by 1. Work out the median of the six numbers.

Answer _____