Fluency Challenge

Calculate the mean

1) 1, 2, 3, 2
2) 4, 3, 2, 4, 2
3) 5, 4, 6, 1
4) 2, 5, 1, 4, 7, 5
5) 10,11, 9, 12, 8
6) 1, 2, -2, 1, -2
7) 4, -2, 3, -3, 3
8) 4, 5.5, 3, 5.5

Find the value of x

1) Median = 10
3, 5, 9, x, 12, 13
2) Mean = 7
4, 8, 11, x
3) Mean = 3
-4, 5, 8, 2, x
4) Median = 10
2, 4, x, 3x, 18,20
5) Mean = 5
2, x, 5, 2x, 3
6) Mean = 10
x, 2x, 3x, 4x

1) A meal for 6 costs £12 per person. As it is one of the diners birthday, the other 5 decided pay for his meal How much do each of the 5 friends need to pay?

2) The mean of 6 numbers is 25. If one number is removed, the average of the remaining numbers is 15. What is the number that was removed?

3) Alex drove for 3 hours at an average speed of 60 miles per hour and for 2 hours at 45 miles per hour. What is his average speed for the whole journey?

LIVEWORKSHEETS