

Finding the Mean of Grouped Data – Test

1. During the soccer season, a manager decides to keep a record of the number of goals scored by the team in each match. Copy and complete this table and use it to find the mean score for each match during the season.

Goals Scored in a Match (x)	Frequency (f)	fx
0	5	0
1	9	9
2	12	24
3	8	
4	3	
5	2	
6	1	
Totals		

2. A pupil decides to calculate the mean SAT result of pupils. Copy and complete the table and calculate the mean score.

Score (x)	Frequency (f)	fx
4	17	
5	23	
6	12	
7	11	
Totals		

3. Copy and complete the table. Calculate the estimated mean score of pupils in a test.

Score	Mid (x)	Frequency (f)	fx
0 – 20		8	
20 – 40		23	
40 – 60		41	
60 – 80		37	
80 – 100		19	
Totals			

4. Copy and complete the table. Calculate the estimated mean wage of the pupils' part-time jobs.

Wage (£)	Mid (x)	Frequency (f)	fx
2 – 7		10	
7 – 12		15	
12 – 15		8	
15 – 20		12	
20 – 30		5	
Totals			