

Mean for Grouped Data

Total points = 14

Scores of 10–Tesla Students in the 4<sup>th</sup> Periodic Test in Mathematics

Score	f	X	fX
46 – 50	2	48	96
41 – 45	9	43	387
36 – 40	13	38	494
31 – 35	11	33	363
26 – 30	10	28	280
21 – 25	5	23	115
<i>i</i> = 5 ✓			
$\sum f$ = 50 ✓			
$\sum fX$ = 1,735 ✓			

$\bar{x} = \frac{\sum fX}{\sum f}$  ✓  
 $\bar{x} = \frac{1,735}{50}$  ✓  
 $\bar{x} = 34.7$  ✓

Number of Mistakes Made by 50 Students in Factoring Quadratic Equations

Number of Mistakes	f	X	fX
0 – 2	4	1	4
3 – 5	8	4	32
6 – 8	15	7	105
9 – 11	10	10	100
12 – 14	6	13	78
15 – 17	5	16	80
18 – 20	2	19	38
<i>i</i> = 5 ✓			
$\sum f$ = 50 ✓			
$\sum fX$ = 437 ✓			

$\bar{x} = \frac{\sum fX}{\sum f}$  ✓  
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