

Fill in the Blanks

Mean from a Grouped Frequency Table

Value	Frequency	Midpoint	Midpoint × Freq
10 ≤ x < 12	6	11	66
12 ≤ x < 14	9	13	117
14 ≤ x < 16	5	15	75
Totals	20		258
<i>Estimate of Mean</i>	258 ÷ 20 =		

Value	Frequency	Midpoint	Midpoint × Freq
20 ≤ x < 30	9	25	225
30 ≤ x < 40	7	35	
40 ≤ x < 50	4	45	
Totals	20		
<i>Estimate of Mean</i>	÷ 20 =		

Value	Frequency	Midpoint	Midpoint × Freq
20 ≤ x < 24	6	22	
24 ≤ x < 28	10		
28 ≤ x < 32	5		
32 ≤ x < 36	4		
Totals	25		
<i>Estimate of Mean</i>	÷ =		

Value	Frequency	Midpoint	Midpoint × Freq
5 ≤ x < 10	7		
10 ≤ x < 15	7		
15 ≤ x < 20	8		
20 ≤ x < 25	3		
Totals	25		
<i>Estimate of Mean</i>	÷ =		

<i>Value</i>	<i>Frequency</i>	<i>Midpoint</i>	<i>Midpoint × Freq</i>
100 ≤ <i>x</i> < 120	7		
120 ≤ <i>x</i> < 140	12		
140 ≤ <i>x</i> < 160			
160 ≤ <i>x</i> < 180	2		
<i>Totals</i>	30		
<i>Estimate of Mean</i>	÷	=	

<i>Value</i>	<i>Frequency</i>	<i>Midpoint</i>	<i>Midpoint × Freq</i>
0 ≤ <i>x</i> < 2			3
2 ≤ <i>x</i> < 4			9
4 ≤ <i>x</i> < 6			40
6 ≤ <i>x</i> < 8			42
<i>Totals</i>	20		
<i>Estimate of Mean</i>	÷	20	=

<i>Value</i>	<i>Frequency</i>	<i>Midpoint</i>	<i>Midpoint × Freq</i>
0 ≤ <i>x</i> <			40
≤ <i>x</i> <			240
≤ <i>x</i> <			275
≤ <i>x</i> < 40			
<i>Totals</i>			
<i>Estimate of Mean</i>	÷	40	= 18.25

<i>Value</i>	<i>Frequency</i>	<i>Midpoint</i>	<i>Midpoint × Freq</i>
≤ <i>x</i> <			
≤ <i>x</i> <			
≤ <i>x</i> <		55	1430
≤ <i>x</i> <		65	780
<i>Totals</i>			
<i>Estimate of Mean</i>	÷	50	= 54.2

In each table, values are grouped into classes of equal width.