

Fill in the Blanks

Mean from a Frequency Table

Data Set				Frequency Table															
7	7	7	7	<table border="1"> <thead> <tr> <th><i>Value</i></th> <th><i>Frequency</i></th> <th><i>Value × Frequency</i></th> </tr> </thead> <tbody> <tr> <td>7</td> <td>6</td> <td>42</td> </tr> <tr> <td>8</td> <td>9</td> <td>72</td> </tr> <tr> <td>9</td> <td>5</td> <td>45</td> </tr> <tr> <td><i>Totals</i></td> <td>20</td> <td>159</td> </tr> </tbody> </table>	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>	7	6	42	8	9	72	9	5	45	<i>Totals</i>	20	159
<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>																	
7	6	42																	
8	9	72																	
9	5	45																	
<i>Totals</i>	20	159																	
7	7	8	8																
8	8	8	8																
8	8	8	9																
9	9	9	9																
Mean				159 ÷ 20 = 7.95															

Data Set				Frequency Table															
4	4	4	4	<table border="1"> <thead> <tr> <th><i>Value</i></th> <th><i>Frequency</i></th> <th><i>Value × Frequency</i></th> </tr> </thead> <tbody> <tr> <td>4</td> <td>13</td> <td>52</td> </tr> <tr> <td>5</td> <td>2</td> <td>10</td> </tr> <tr> <td>6</td> <td>5</td> <td>30</td> </tr> <tr> <td><i>Totals</i></td> <td>20</td> <td>92</td> </tr> </tbody> </table>	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>	4	13	52	5	2	10	6	5	30	<i>Totals</i>	20	92
<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>																	
4	13	52																	
5	2	10																	
6	5	30																	
<i>Totals</i>	20	92																	
4	4	4	4																
4	4	4	4																
4	5	5	6																
6	6	6	6																
Mean				92 ÷ 20 = 4.6															

Data Set				Frequency Table															
2	2	2	2	<table border="1"> <thead> <tr> <th><i>Value</i></th> <th><i>Frequency</i></th> <th><i>Value × Frequency</i></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>5</td> <td>10</td> </tr> <tr> <td>3</td> <td>7</td> <td>21</td> </tr> <tr> <td>4</td> <td>8</td> <td>32</td> </tr> <tr> <td><i>Totals</i></td> <td>20</td> <td>63</td> </tr> </tbody> </table>	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>	2	5	10	3	7	21	4	8	32	<i>Totals</i>	20	63
<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>																	
2	5	10																	
3	7	21																	
4	8	32																	
<i>Totals</i>	20	63																	
2	3	3	3																
3	3	3	3																
4	4	4	4																
4	4	4	4																
Mean				63 ÷ 20 = 3.15															

Data Set				Frequency Table															
12	12	12	12	<table border="1"> <thead> <tr> <th><i>Value</i></th> <th><i>Frequency</i></th> <th><i>Value × Frequency</i></th> </tr> </thead> <tbody> <tr> <td>12</td> <td>13</td> <td>156</td> </tr> <tr> <td>13</td> <td>0</td> <td>0</td> </tr> <tr> <td>14</td> <td>7</td> <td>98</td> </tr> <tr> <td><i>Totals</i></td> <td>20</td> <td>254</td> </tr> </tbody> </table>	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>	12	13	156	13	0	0	14	7	98	<i>Totals</i>	20	254
<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>																	
12	13	156																	
13	0	0																	
14	7	98																	
<i>Totals</i>	20	254																	
12	12	12	12																
12	12	12	12																
12	14	14	14																
14	14	14	14																
Mean				254 ÷ 20 = 12.7															

Data Set				Frequency Table		
4	5	5	5	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>
5	6	6	6	4	1	4
6	6	6	7	5	4	20
7	7	7	7	6	6	36
7	7	7	7	7	9	63
				<i>Totals</i>	20	123
Mean				$123 \div 20 = 6.15$		

Data Set				Frequency Table		
2.5	2.5	2.5	2.5	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>
2.5	2.5	2.5	2.5	2.5	8	20
2.6	2.6	2.6	2.7	2.6	3	7.8
2.7	2.7	2.7	2.8	2.7	4	10.8
2.8	2.8	2.8	2.8	2.8	5	14
				<i>Totals</i>	20	52.6
Mean				$52.6 \div 20 = 2.63$		

Data Set				Frequency Table		
8	8	8	8	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>
8	9	9	9	8	5	40
9	9	9	9	9	8	72
9	10	10	10	10	5	50
10	10	11	11	11	6	66
11	11	11	11	<i>Totals</i>	24	228
Mean				$228 \div 24 = 9.5$		

Data Set				Frequency Table		
3	3	4	4	<i>Value</i>	<i>Frequency</i>	<i>Value × Frequency</i>
5	5	5	5	3	2	6
5	5	5	5	4	2	8
6	6	6	6	5	8	40
6	6	6	6	6	12	72
6	6	6	6	<i>Totals</i>	24	126
Mean				$126 \div 24 = 5.25$		