



Crack the Code



Mean from a Frequency Table

A	Find the mean test score. <table border="1" data-bbox="201 416 604 745"><thead><tr><th>Test Mark</th><th>Frequency</th></tr></thead><tbody><tr><td>7</td><td>6</td></tr><tr><td>8</td><td>7</td></tr><tr><td>9</td><td>5</td></tr><tr><td>10</td><td>2</td></tr></tbody></table>	Test Mark	Frequency	7	6	8	7	9	5	10	2	B	Find the mean goals scored. <table border="1" data-bbox="900 416 1303 745"><thead><tr><th>Number of goals</th><th>Frequency</th></tr></thead><tbody><tr><td>0</td><td>4</td></tr><tr><td>1</td><td>8</td></tr><tr><td>2</td><td>5</td></tr><tr><td>3</td><td>3</td></tr></tbody></table>	Number of goals	Frequency	0	4	1	8	2	5	3	3
Test Mark	Frequency																						
7	6																						
8	7																						
9	5																						
10	2																						
Number of goals	Frequency																						
0	4																						
1	8																						
2	5																						
3	3																						
C	Find the mean age of the students. <table border="1" data-bbox="201 853 604 1182"><thead><tr><th>Age (y)</th><th>Frequency</th></tr></thead><tbody><tr><td>11</td><td>6</td></tr><tr><td>12</td><td>7</td></tr><tr><td>13</td><td>8</td></tr><tr><td>14</td><td>4</td></tr></tbody></table>	Age (y)	Frequency	11	6	12	7	13	8	14	4	D	Find the mean number of pets. <table border="1" data-bbox="900 853 1303 1182"><thead><tr><th>Number of pets</th><th>Frequency</th></tr></thead><tbody><tr><td>0</td><td>11</td></tr><tr><td>1</td><td>15</td></tr><tr><td>2</td><td>3</td></tr><tr><td>3</td><td>1</td></tr></tbody></table>	Number of pets	Frequency	0	11	1	15	2	3	3	1
Age (y)	Frequency																						
11	6																						
12	7																						
13	8																						
14	4																						
Number of pets	Frequency																						
0	11																						
1	15																						
2	3																						
3	1																						
E	Find the mean shoe size. <table border="1" data-bbox="201 1290 604 1619"><thead><tr><th>Shoe size</th><th>Frequency</th></tr></thead><tbody><tr><td>4</td><td>3</td></tr><tr><td>5</td><td>7</td></tr><tr><td>6</td><td>6</td></tr><tr><td>7</td><td>4</td></tr></tbody></table>	Shoe size	Frequency	4	3	5	7	6	6	7	4	F	Find the mean age of the children. <table border="1" data-bbox="900 1290 1303 1619"><thead><tr><th>Age (y)</th><th>Frequency</th></tr></thead><tbody><tr><td>6</td><td>1</td></tr><tr><td>7</td><td>1</td></tr><tr><td>8</td><td>3</td></tr><tr><td>9</td><td>5</td></tr></tbody></table>	Age (y)	Frequency	6	1	7	1	8	3	9	5
Shoe size	Frequency																						
4	3																						
5	7																						
6	6																						
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Age (y)	Frequency																						
6	1																						
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G	Find the mean number of children. <table border="1" data-bbox="201 1727 604 2056"><thead><tr><th>No. of children</th><th>Frequency</th></tr></thead><tbody><tr><td>0</td><td>5</td></tr><tr><td>1</td><td>8</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>6</td></tr></tbody></table>	No. of children	Frequency	0	5	1	8	2	11	3	6	H	Find the mean test score. <table border="1" data-bbox="900 1727 1303 2056"><thead><tr><th>Score</th><th>Frequency</th></tr></thead><tbody><tr><td>7</td><td>8</td></tr><tr><td>8</td><td>7</td></tr><tr><td>9</td><td>12</td></tr><tr><td>10</td><td>3</td></tr></tbody></table>	Score	Frequency	7	8	8	7	9	12	10	3
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I	Find an estimate of the mean.	J	Find an estimate of the mean weight.																				
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	Number of messages		Frequency																				
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K	Find an estimate of the mean time.	L	Find an estimate of the mean height.																				
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	Time (min)		Frequency																				
	$0 < t \leq 2$		4																				
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$4 < t \leq 6$	0																						
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M	Find an estimate of the mean cost.	N	Find an estimate of the mean weight.																				
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	Length (cm)		Frequency																				
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<p>Add together all your answers and round to the nearest integer to get the three-digit code.</p>																							