

## Survey Score Calculations

Calculate your minimum and maximum scores for multiple choice questions, matrix questions and surveys overall.

In a multiple choice survey, the values you set during design time determine the **Minimum Score**, **Maximum Score**, and **Final Score** for each question.

### Note

The scores are not shown when the employee fills out the survey.

Question Type	Minimum Score	Maximum Score	Final Score
<b>Multiple Choice Single Select</b>	<p>The score is calculated by multiplying the lowest response score by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"><li>▪ Response A: 1</li><li>▪ Response B: 2</li><li>▪ Response C: 3</li></ul> <p>Question 1 Minimum Score: <math>1 \times 1 = 1</math></p>	<p>The score is calculated by multiplying the highest response score by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"><li>▪ Response A: 1</li><li>▪ Response B: 2</li><li>▪ Response C: 3</li></ul> <p>Question 1 Maximum Score: <math>3 \times 1 = 3</math></p>	<p>This score is calculated by multiplying the response chosen by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"><li>▪ Response A: 1</li><li>▪ Response B: 2</li><li>▪ Response C: 3</li></ul> <p>Response Chosen = A</p> <p>Question 1 Final score: <math>1 \times 1 = 3</math></p>
<b>Multiple Choice Multiple</b>	<p>The score is calculated by summing up</p>	<p>The score is calculated by summing up the highest reachable response scores and multiplying it by the question weight.</p>	<p>This score is calculated by summing up the</p>

<p><b>Select</b></p>	<p>the lowest reachable response scores and multiplying it by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"> <li>Response A: 1</li> <li>Response B: 2</li> <li>Response C: 3</li> </ul> <p>Minimum Score: <math>1 \times 1 = 1</math></p>	<p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"> <li>Response A: 1</li> <li>Response B: 2</li> <li>Response C: 3</li> </ul> <p>Maximum Score: <math>(2+3+1) \times 1 = 6</math></p>	<p>chosen response scores and multiplying it by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 1</p> <ul style="list-style-type: none"> <li>Response A: 1</li> <li>Response B: 2</li> <li>Response C: 3</li> </ul> <p>Responses Chosen = A and B</p> <p>Question 1 Final score: <math>(1+2) \times 1 = 3</math></p>
<p><b>Matrix</b> (only column score enabled)</p> <p><b>Note</b></p> <p>Mandatory conditions are not set.</p>	<p>For checkbox and radio button responses, the score is calculated by multiplying the least score in the columns by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Column</li> </ul>	<p>For radio button response, the score is calculated by multiplying the highest score in the columns by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Column 1: 5</li> <li>Column 2: 3</li> <li>Column 3: 2</li> </ul> <p>Maximum Score: <math>5 \times 2 = 10</math></p> <p>For checkbox response, the score is calculated as a sum of all column scores multiplied by the question weight that is, Maximum Score =</p>	<p>This score is calculated by multiplying the column score of response chosen by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Column 1: 5</li> <li>Column 2:</li> </ul>

	<p>n 1: 5</p> <ul style="list-style-type: none"> <li>Column 2: 3</li> <li>Column 3: 2</li> </ul> <p>Minimum Score: <math>2 \times 2 = 4</math></p>	<p><math>[(5 \times 1) + (3 \times 1) + (2 \times 1)] \times 2 = 20</math></p>	<p>3</p> <ul style="list-style-type: none"> <li>Column 3: 2</li> </ul> <p>The response chosen is from column 2</p> <p>Question 1 Final score: <math>3 \times 2 = 6</math></p>
<p><b>Matrix</b> (both row and column score enabled)</p> <p><b>Note</b></p> <p>Mandatory conditions are not set.</p>	<p>For checklist and radio button responses, the score is calculated by summing up the lowest reachable response scores and multiplying it by the question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Row 1: 1</li> <li>Row 2: 2</li> <li>Row 3: 3</li> <li>Column 1: 1</li> <li>Column 2: 2</li> <li>Column 3: 3</li> </ul> <p>Maximum Score: <math>[(1 \times 3) + (2 \times 3) + (3 \times 3)] \times 2 = 36</math></p> <p>For checkbox response, the score is calculated as a sum of all element scores multiplied by the question weight that is, Maximum Score = <math>\{[(1 \times 1) + (1 \times 2) + (1 \times 3)] + [(2 \times 1) + (2 \times 2) + (2 \times 3)] + [(3 \times 1) + (3 \times 2) + (3 \times 3)]\} \times 2 = 72</math></p>	<p>For radio button responses, the score is calculated by summing up the highest reachable response scores and multiplying it by the question weights.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Row 1: 1</li> <li>Row 2: 2</li> <li>Row 3: 3</li> <li>Column 1: 1</li> <li>Column 2: 2</li> <li>Column 3: 3</li> </ul> <p>For radio buttons, if the responses chosen are:</p> <ul style="list-style-type: none"> <li>The second entry in</li> </ul>	<p>This score is calculated by multiplying the response's column score, row score and question weight.</p> <p><b>Example</b></p> <p><b>Question 1</b></p> <p>Question Weight: 2</p> <ul style="list-style-type: none"> <li>Row 1: 1</li> <li>Row 2: 2</li> <li>Row 3: 3</li> <li>Column 1: 1</li> <li>Column 2: 2</li> <li>Column 3: 3</li> </ul> <p>For radio buttons, if the responses chosen are:</p> <ul style="list-style-type: none"> <li>The second entry in</li> </ul>

	<p>n 2: 2</p> <ul style="list-style-type: none"> <li>Column 3: 3</li> </ul> <p>Minimum Score:  <math>(1 * 1) * 2 = 2</math></p>		<p>first row.</p> <ul style="list-style-type: none"> <li>The first entry in second row.</li> <li>The third entry in third row.</li> </ul> <p>Final Score:  <math>[(2 * 1) + (2 * 1) + (3 * 3)] * 2 = 26</math></p> <p>Similarly, for checklists, this score is calculated by multiplying all the response's column score, row score and question weight.</p>
<p><b>Overall Survey Score</b></p> <p>This total is shown in the <b>Details</b> view of the survey as <b>Score Min/Max</b>.</p>	<p>The overall survey minimum score is the sum of all minimum scores in the survey.</p>	<p>The overall survey maximum score is the sum of all maximum scores in the survey.</p>	<p>The overall survey score is the sum of all final scores in a survey.</p>