



# YouTestMe

Branching Questions

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## 1 Introduction

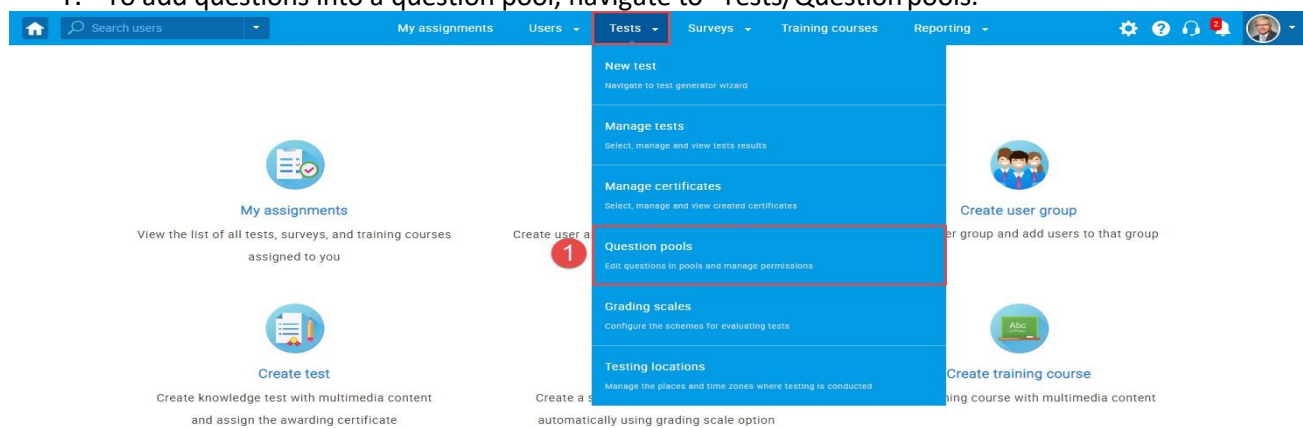
This document's purpose is to explain how to create branching questions. The branching option allows you to define the next question for each original question. You can use branching in three types of questions:

1. Single choice (all scoring methods).
2. Multiple choice ("by the combination of answers").
3. True/False (all scoring methods).

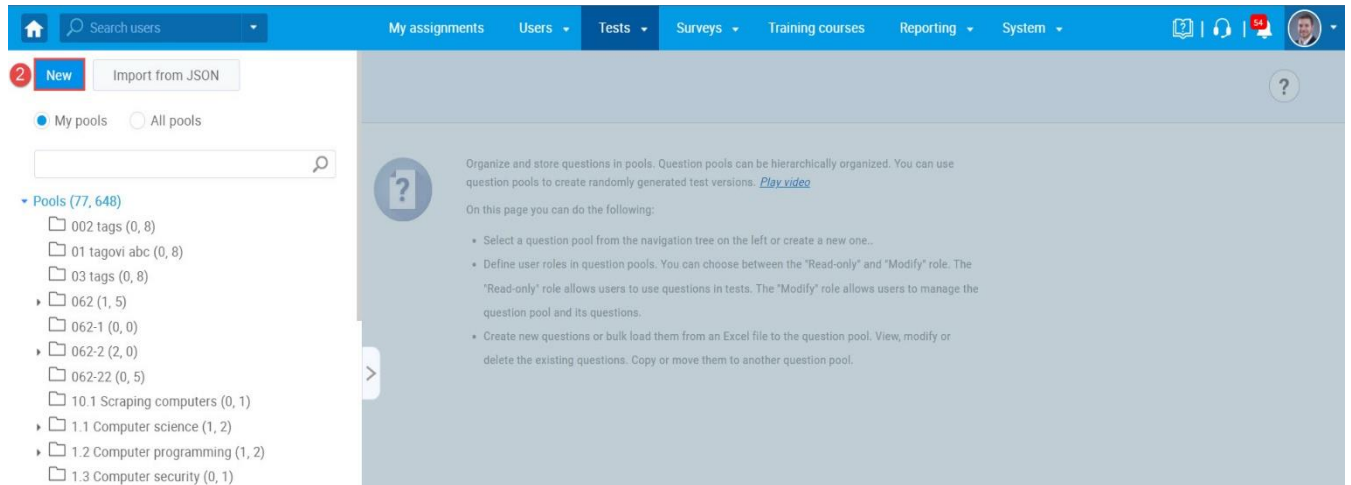
Please note that the branching is not available for the mentioned question types if you add assistance to the question.

## 2 Adding Questions to a Question Pool

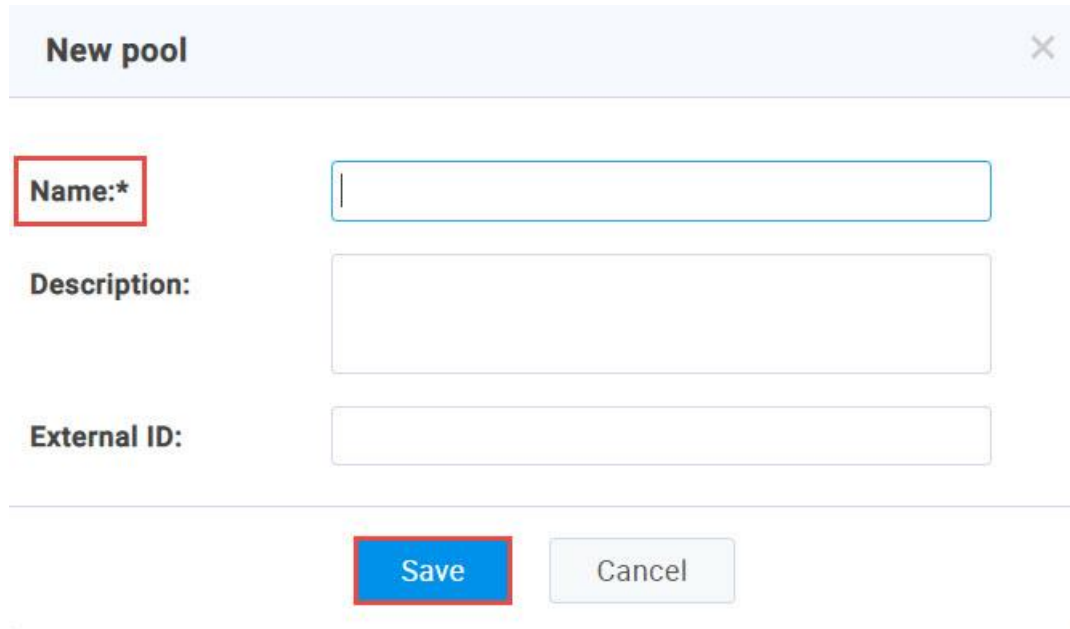
1. To add questions into a question pool, navigate to "Tests/Question pools."



2. To add questions into a new question pool, click the "New" button.



3. Add a pool name and save it in the popup window.



The screenshot shows a 'New pool' popup window. It has a title bar with 'New pool' and a close button (X). The form contains three input fields: 'Name:\*' (with a red border around the label), 'Description:', and 'External ID:'. Below the form are two buttons: 'Save' (with a red border) and 'Cancel'.

### 3 Single Choice Branching

1. To add a single choice question to a newly created or an existing question pool, select the "Questions" tab.

The screenshot shows the 'All Question Types' page in the Youtestme system. The 'Questions' tab is highlighted with a red box. Below the tabs, there is a table of questions. The table has columns for ID, Question text, Source pool, Difficulty, Type, and Actions. The question with ID 13667 is highlighted in blue, and its 'Type' is 'Single choice'. The 'Actions' column for this row contains icons for view, edit, and delete. At the bottom of the table, there are 'Move' and 'Copy' buttons.

| ID    | Question text   | Source pool        | Difficulty | Type                               | Actions          |
|-------|---|--------------------|------------|------------------------------------|------------------|
| 13660 | Fill in the blanks.   | All Question Types | Hard       | Fill in the blanks                 | View Edit Delete |
| 13661 | In a compliance program, tactical compliance procedures should be in...     | All Question Types | Medium     | Multiple choice                    | View Edit Delete |
| 13662 | Describe the concept of viral marketing.                                    | All Question Types | Hard       | Essay                              | View Edit Delete |
| 13663 | Reorder the following terms to get the most logical progressive seque...    | All Question Types | Easy       | Ordering                           | View Edit Delete |
| 13664 | Terms: product, price, place, promotion, people, process, physical evid...  | All Question Types | Medium     | True/False                         | View Edit Delete |
| 13665 | The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                         | View Edit Delete |
| 13667 | A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                      | View Edit Delete |
| 13668 | Match the following statements with correct term.                           | All Question Types | Easy       | Matching                           | View Edit Delete |
| 14487 | What is the name of the network of computers from which the Interne...      | All Question Types | Easy       | Single choice (Branching question) | View Edit Delete |
| 14491 | How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                             | View Edit Delete |

2. Click on the "Add question" button and select the "Single choice" option.

The screenshot shows the 'All Question Types' page in Youtestme. The 'Add question' dropdown menu is open, and 'Single choice' is selected. Below the menu, a table lists various question types and their details:

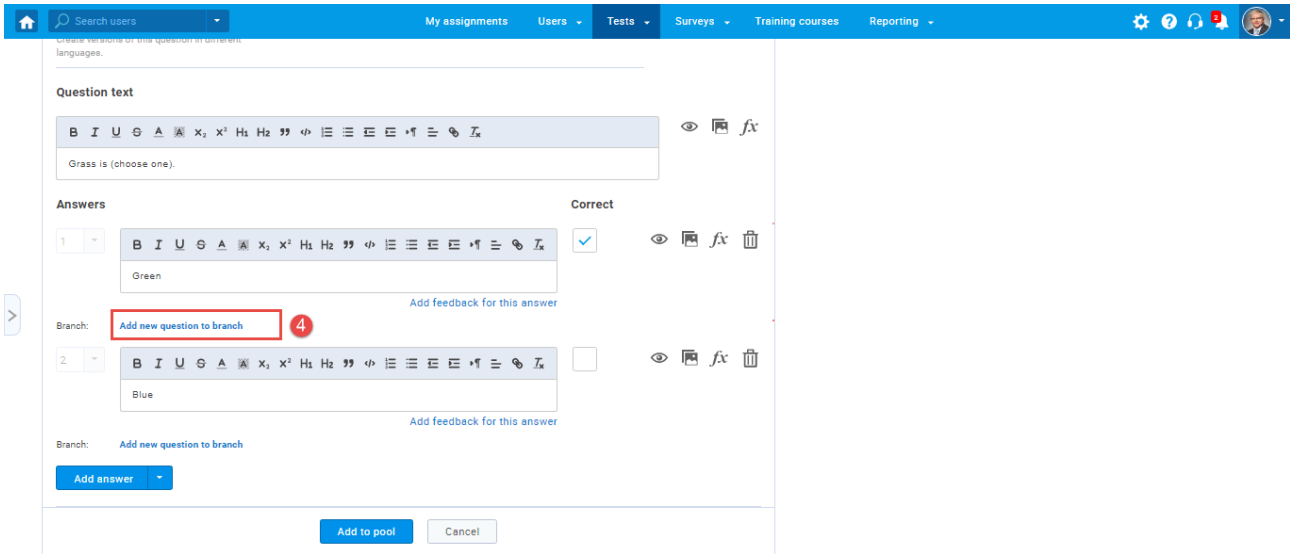
| Question ID | Question Text   | Source pool        | Difficulty | Type                               | Actions         |
|-------------|---|--------------------|------------|------------------------------------|-----------------|
| 13665       | The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                         | [edit] [delete] |
| 13667       | A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                      | [edit] [delete] |
| 13668       | Match the following statements with correct term.                           | All Question Types | Easy       | Matching                           | [edit] [delete] |
| 14487       | What is the name of the network of computers from which the Interne...      | All Question Types | Easy       | Single choice (Branching question) | [edit] [delete] |
| 14491       | How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                             | [edit] [delete] |

3. Configure the question settings (difficulty, duration, scoring method, points, penalty, frequency), and check the box that enables the "Branching" option.

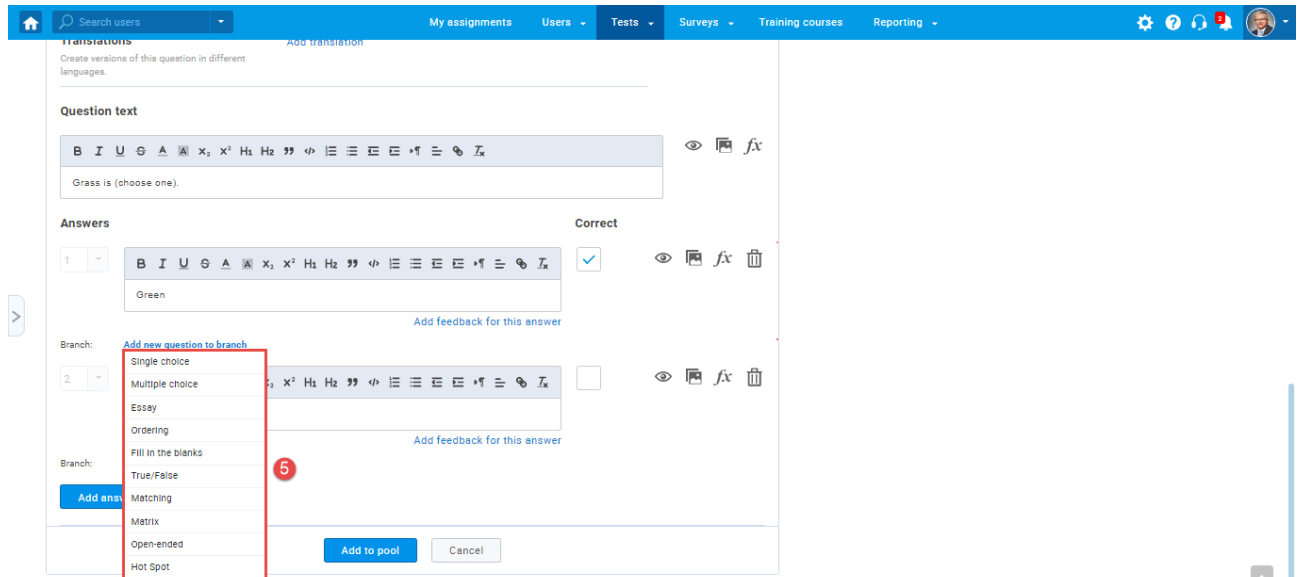
The screenshot shows the configuration settings for a 'Single choice' question. The settings are as follows:

- Basic settings:**
  - Scoring method: Defining correct/incorrect answers
  - Points: 5
  - Penalty: 0
  - Duration: 00:02:00
- Generator settings:**
  - Difficulty: Easy
  - Frequency: Normal
- Advanced question setup:**
  - Tags: (empty)
  - Branching
  - Show structure
- Translations:**
  - Add translation

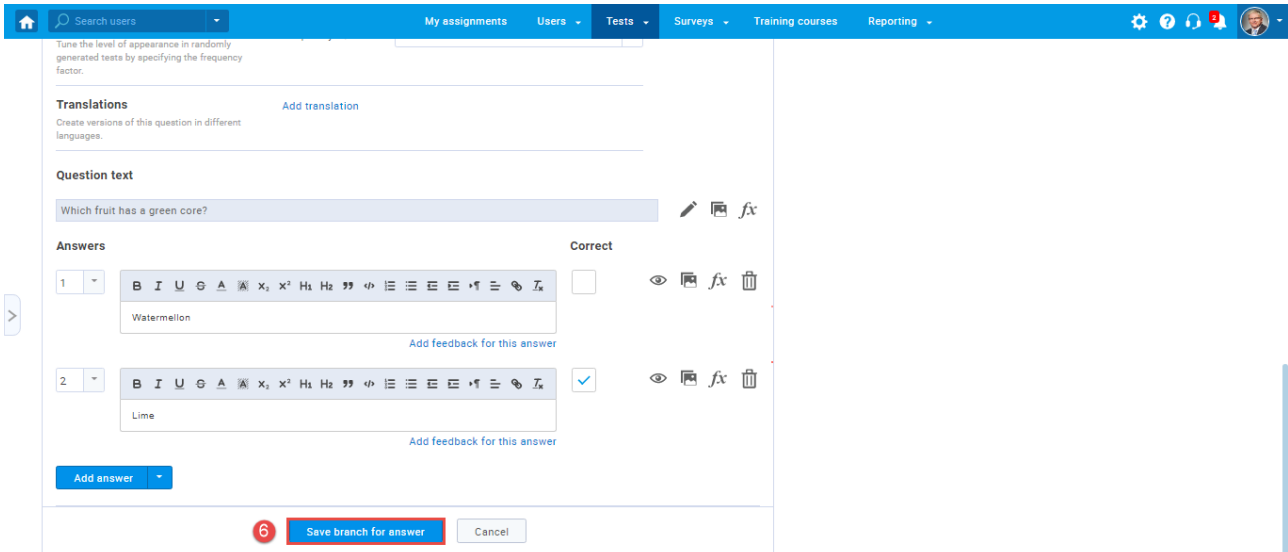
4. To add a question to a branch, click the "Add question to branch".



5. Select the question type from the drop-down menu (you can add all question types as a next question).

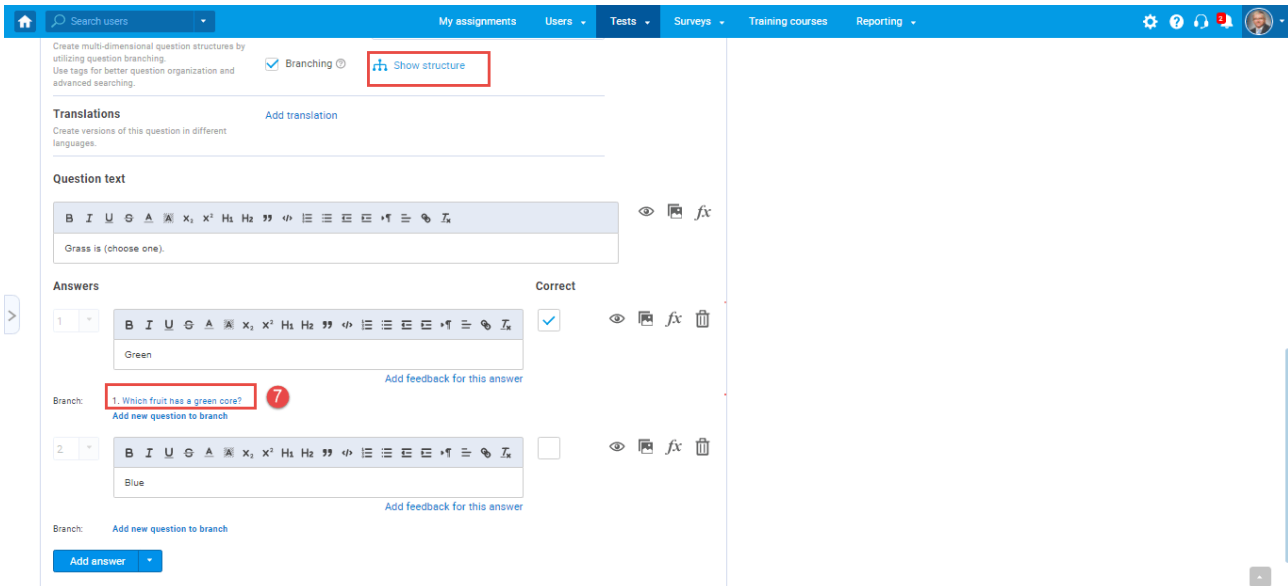


6. Configure branching question settings and save the branch for the answer.

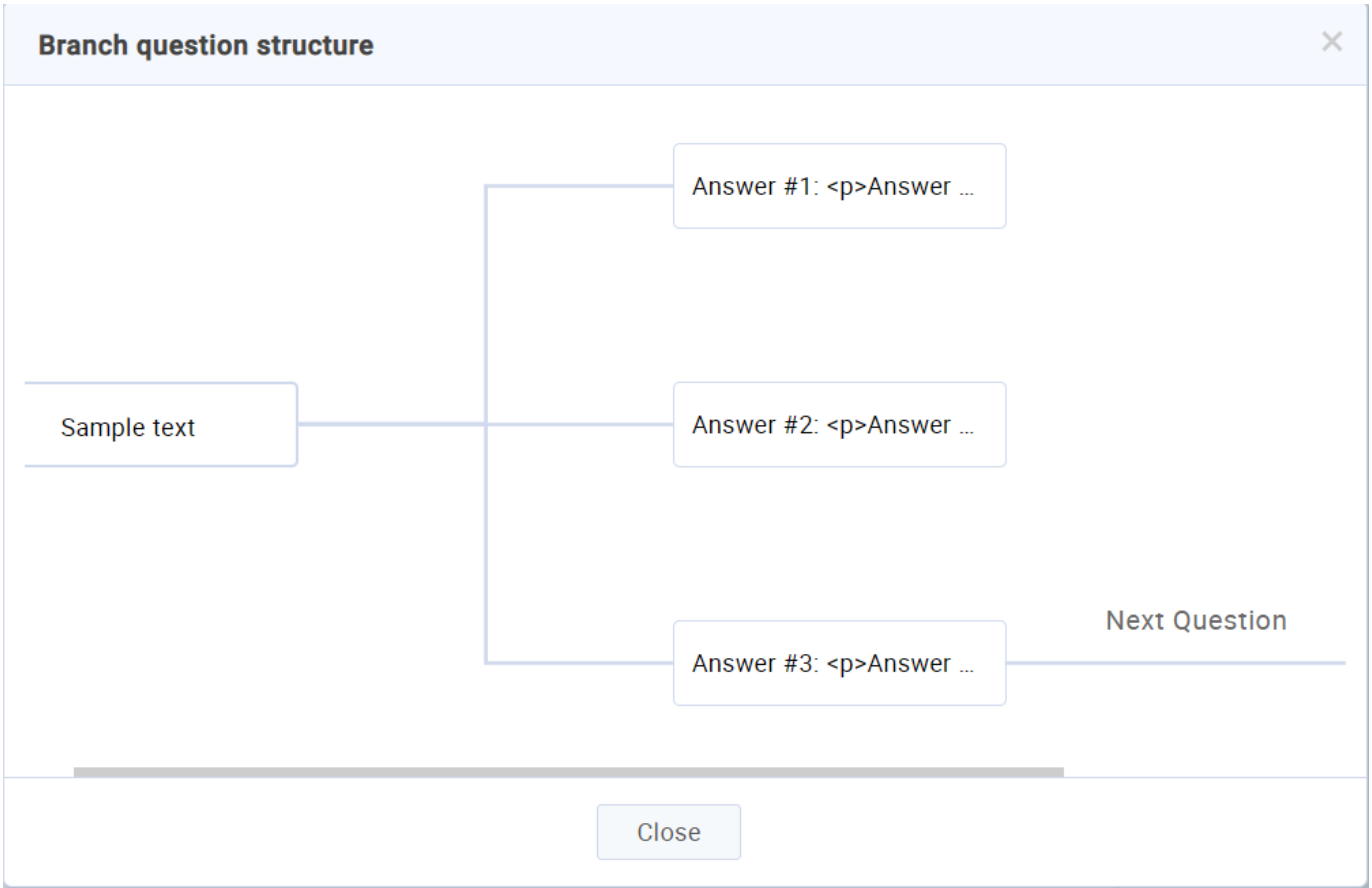


The screenshot shows the 'Tests' configuration page in Youtestme. The question text is 'Which fruit has a green core?'. There are two answer options: '1 Watermelon' and '2 Lime'. The 'Lime' option is marked as 'Correct'. At the bottom of the configuration area, a red box highlights the 'Save branch for answer' button, with a red circle containing the number '6' next to it.

7. The answer can have as many branching questions as you wish, and you can see the list of all questions in the branch. To see the branching structure, select the "Show structure" option.



The screenshot shows the 'Tests' configuration page in Youtestme. The question text is 'Grass is (choose one)'. The first answer is 'Green', which is marked as 'Correct'. Below the answer, there is a 'Branch' section containing the question '1. Which fruit has a green core?'. A red box highlights the 'Show structure' button at the top, and another red box highlights the branching question text. A red circle containing the number '7' is next to the branching question text.





8. Add the question to the question pool by clicking the "Add to the pool" button.

The screenshot shows the 'Translations' section of the Youtestme interface. It displays a question editor for a multiple-choice question. The question text is "Grass is (choose one)". There are two answers listed: "Green" (marked as correct) and "Blue". At the bottom of the editor, there is a red circle with the number "8" next to the "Add to pool" button.

## 4 Multiple Choice Branching

1. To add multiple-choice questions to a newly created or existing question pool, select the "Questions" tab.

The screenshot shows the 'Test question pool' interface. The 'All Question Types' tab is selected, and the 'Questions' sub-tab is highlighted with a red box and a red circle with the number "1". Below the tabs, there is a table of questions with the following columns: ID, Question text, Source pool, Difficulty, Type, and Actions.

| ID    | Question text   | Source pool        | Difficulty | Type                               | Actions            |
|-------|---|--------------------|------------|------------------------------------|--------------------|
| 13660 | Fill in the blanks.   | All Question Types | Hard       | Fill in the blanks                 | View, Edit, Delete |
| 13661 | In a compliance program, tactical compliance procedures should be in...     | All Question Types | Medium     | Multiple choice                    | View, Edit, Delete |
| 13662 | Describe the concept of viral marketing.                                    | All Question Types | Hard       | Essay                              | View, Edit, Delete |
| 13663 | Reorder the following terms to get the most logical progressive seque...    | All Question Types | Easy       | Ordering                           | View, Edit, Delete |
| 13664 | Terms: product, price, place, promotion, people, process, physical evid...  | All Question Types | Medium     | True/False                         | View, Edit, Delete |
| 13665 | The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                         | View, Edit, Delete |
| 13667 | A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                      | View, Edit, Delete |
| 13668 | Match the following statements with correct term.                           | All Question Types | Easy       | Matching                           | View, Edit, Delete |
| 14487 | What is the name of the network of computers from which the interne...      | All Question Types | Easy       | Single choice (Branching question) | View, Edit, Delete |
| 14491 | How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                             | View, Edit, Delete |

2. Click on the "Add question" button and select the "Multiple choice" option.

The screenshot shows the 'All Question Types' page in Youtestme. The 'Add question' button is highlighted with a red box and a circled '2'. The dropdown menu is open, showing 'Multiple choice' as the selected option. Below the menu is a table of existing questions.

| Question ID | Question text   | Source pool        | Difficulty | Type                               | Actions            |
|-------------|---|--------------------|------------|------------------------------------|--------------------|
| 13665       | The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                         | View, Edit, Delete |
| 13667       | A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                      | View, Edit, Delete |
| 13668       | Match the following statements with correct term.                           | All Question Types | Easy       | Matching                           | View, Edit, Delete |
| 14487       | What is the name of the network of computers from which the Interne...      | All Question Types | Easy       | Single choice (Branching question) | View, Edit, Delete |
| 14491       | How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                             | View, Edit, Delete |

3. Open the dropdown menu for the scoring method and select "By combination of answers". Multiple choice question type branching is enabled only with this scoring method.

The screenshot shows the configuration panel for a 'Multiple choice' question. The 'Scoring method' dropdown is set to 'By combination of answers' and is highlighted with a red box and a circled '3'. The 'Branching' checkbox under 'Advanced question setup' is checked.

**Basic settings**  
 Define how the answer to the question will be graded. Points, penalty, and duration are default values that can be overridden during the test creation process.

- Scoring method: **By combination of answers**
- Penalty: 0
- Duration: 00:02:00

**Combination of answers**  
 Create a combination of answers by adding answers and their weight.

- Limit the number of answers user can select
- [Add combination](#)

**Generator settings**  
 Label question by a difficulty to prepare them for the Test generator or just for better organization. Tune the level of appearance in randomly generated tests by specifying the frequency factor.

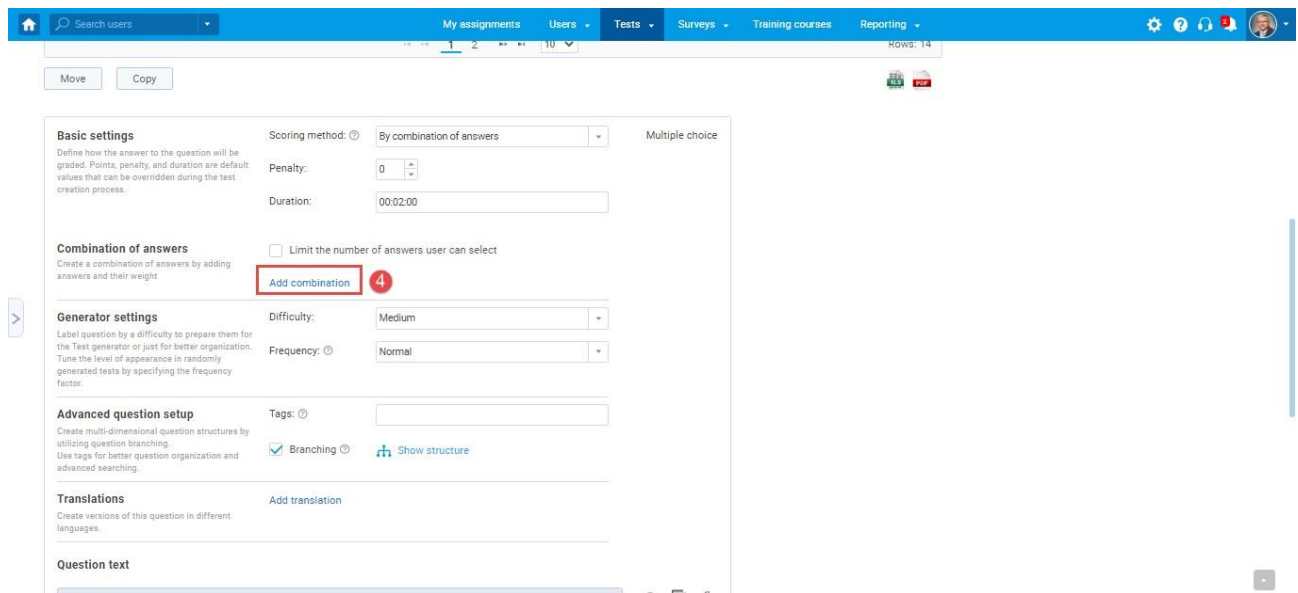
- Difficulty: Medium
- Frequency: Normal

**Advanced question setup**  
 Create multi-dimensional question structures by utilizing question branching. Use tags for better question organization and advanced searching.

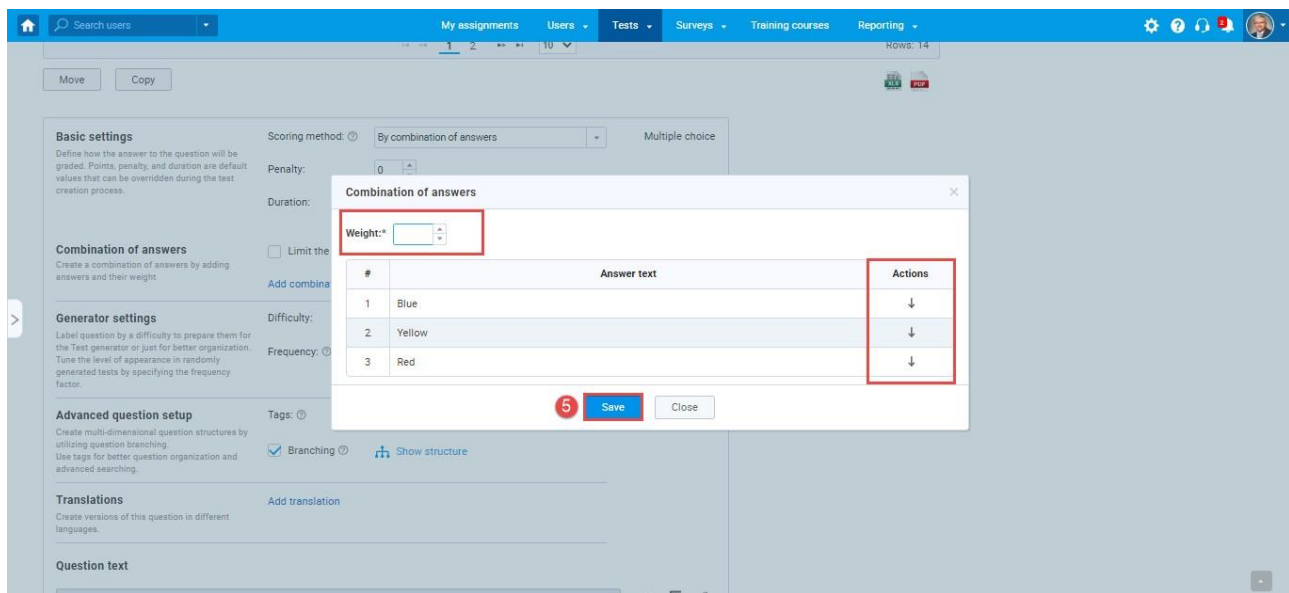
- Tags:
- Branching**
- [Show structure](#)

**Translations**  
 Create versions of this question in different languages.

- Fill out question text and answers fields and select the "Add a combination of answers" button.



- Add a specific combination of answers by selecting the "Add" button for each answer, and enter the weight (points) for each combination. Click on the "Save" button to save the changes when you finish.



- To add a question in the branch for each combination, click the "Add new question to branch" button and select the question type from the drop-down list.

The screenshot shows the 'Combination of answers' section in the Youtestme interface. It features a table with the following data:

| Name                            | Weight | Actions         | Branch                              |
|---------------------------------|--------|-----------------|-------------------------------------|
| Combination 1<br>Answers: 1,2,3 | 2      | [Edit] [Delete] | Add new question to branch <b>6</b> |

The 'Branch' column also includes a dropdown menu with options: Multiple choice, Single choice, Essay, Ordering, Fill in the blanks, True/False, Matching, Matrix, Open-ended, and Hot Spot.

- The "Weight" column displays the points for each combination. In the "Actions" column, you can edit the answer group, delete a group, and in the "Branch" column, you can or edit a question in the branch.

This screenshot is similar to the previous one but shows the 'Branch' dropdown menu expanded. The 'Add new question to branch' button is still highlighted with a red box. The dropdown menu lists the following question types: Multiple choice, Single choice, Essay, Ordering, Fill in the blanks, True/False, Matching, Matrix, Open-ended, and Hot Spot.

8. Click the "Add to the pool" button to add questions to the pool.

The screenshot shows the 'Question text' editor in Youtestme. The question text is 'Purple is the combination of which color (choose one or more)'. Below it, there are three answer options: 'Blue', 'Yellow', and 'Red'. Each answer option has a feedback button. At the bottom of the editor, there is a red circle with the number '8' next to the 'Add to pool' button.

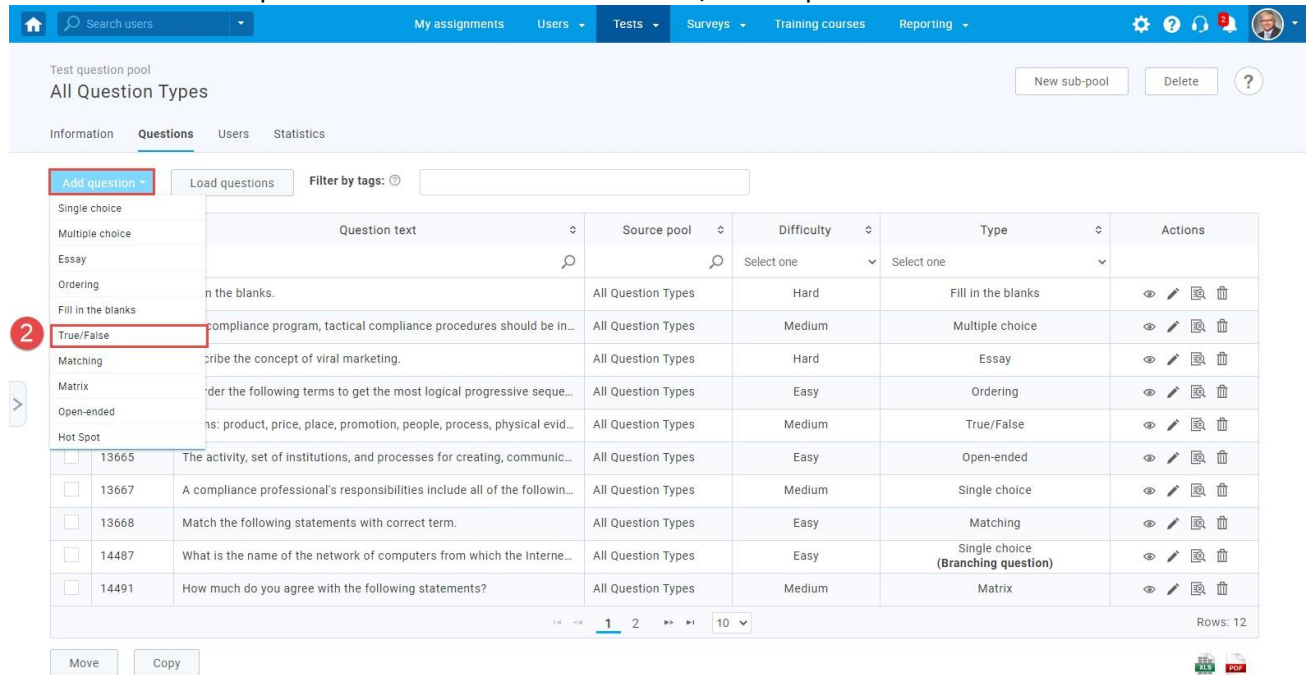
## 5 True/False Branching

1. To add a true/false question to a newly created or an existing question pool, select the "Questions" tab.

The screenshot shows the 'All Question Types' tab in Youtestme. The 'Questions' tab is selected and highlighted with a red box. A red circle with the number '1' is next to the 'Add question' button. Below the buttons is a table of question types.

| ID    | Question text   | Source pool        | Difficulty | Type                               | Actions          |
|-------|---|--------------------|------------|------------------------------------|------------------|
| 13660 | Fill in the blanks.   | All Question Types | Hard       | Fill in the blanks                 | View Edit Delete |
| 13661 | In a compliance program, tactical compliance procedures should be in...     | All Question Types | Medium     | Multiple choice                    | View Edit Delete |
| 13662 | Describe the concept of viral marketing.                                    | All Question Types | Hard       | Essay                              | View Edit Delete |
| 13663 | Reorder the following terms to get the most logical progressive seque...    | All Question Types | Easy       | Ordering                           | View Edit Delete |
| 13664 | Terms: product, price, place, promotion, people, process, physical evid...  | All Question Types | Medium     | True/False                         | View Edit Delete |
| 13665 | The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                         | View Edit Delete |
| 13667 | A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                      | View Edit Delete |
| 13668 | Match the following statements with correct term.                           | All Question Types | Easy       | Matching                           | View Edit Delete |
| 14487 | What is the name of the network of computers from which the Interne...      | All Question Types | Easy       | Single choice (Branching question) | View Edit Delete |
| 14491 | How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                             | View Edit Delete |

2. Click on the "Add question" button and select the "True/False" option.



The screenshot shows the 'All Question Types' page in the Youtestme application. The 'Add question' button is highlighted with a red box, and its dropdown menu is open, with 'True/False' selected and also highlighted with a red box. A red circle with the number '2' is placed next to the 'True/False' option. Below the dropdown, a table lists various question types and their details.

| Question text   | Source pool        | Difficulty | Type                                  | Actions  |
|---|--------------------|------------|---------------------------------------|----------|
| Fill in the blanks.   | All Question Types | Hard       | Fill in the blanks                    | 👁️ ✎️ 🗑️ |
| compliance program, tactical compliance procedures should be in...                | All Question Types | Medium     | Multiple choice                       | 👁️ ✎️ 🗑️ |
| scribe the concept of viral marketing.  | All Question Types | Hard       | Essay                                 | 👁️ ✎️ 🗑️ |
| Order the following terms to get the most logical progressive seque...            | All Question Types | Easy       | Ordering                              | 👁️ ✎️ 🗑️ |
| ns: product, price, place, promotion, people, process, physical evid...           | All Question Types | Medium     | True/False                            | 👁️ ✎️ 🗑️ |
| 13665 The activity, set of institutions, and processes for creating, communic...  | All Question Types | Easy       | Open-ended                            | 👁️ ✎️ 🗑️ |
| 13667 A compliance professional's responsibilities include all of the followin... | All Question Types | Medium     | Single choice                         | 👁️ ✎️ 🗑️ |
| 13668 Match the following statements with correct term.                           | All Question Types | Easy       | Matching                              | 👁️ ✎️ 🗑️ |
| 14487 What is the name of the network of computers from which the interne...      | All Question Types | Easy       | Single choice<br>(Branching question) | 👁️ ✎️ 🗑️ |
| 14491 How much do you agree with the following statements?                        | All Question Types | Medium     | Matrix                                | 👁️ ✎️ 🗑️ |

3. Repeat steps three to eight from the second chapter (single choice branching).