

# Multiple-Select

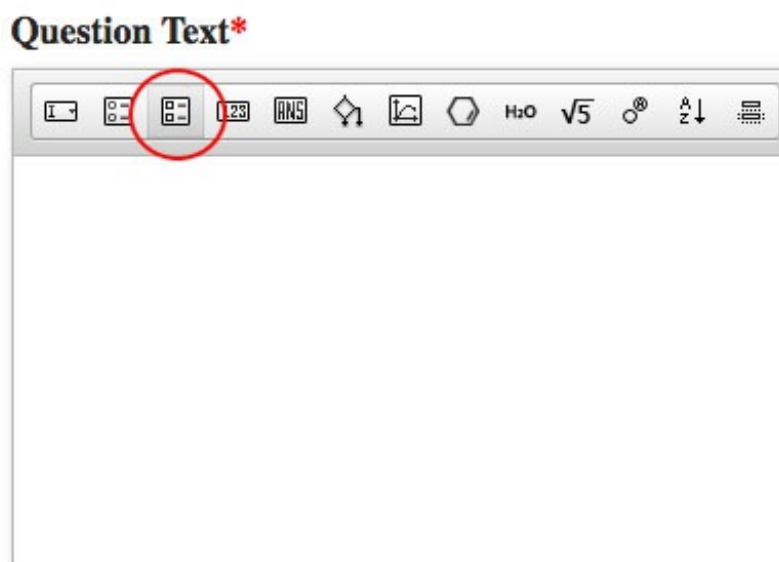
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The Multiple-Select Module is used to create multiple-select questions.

Hide All Answers

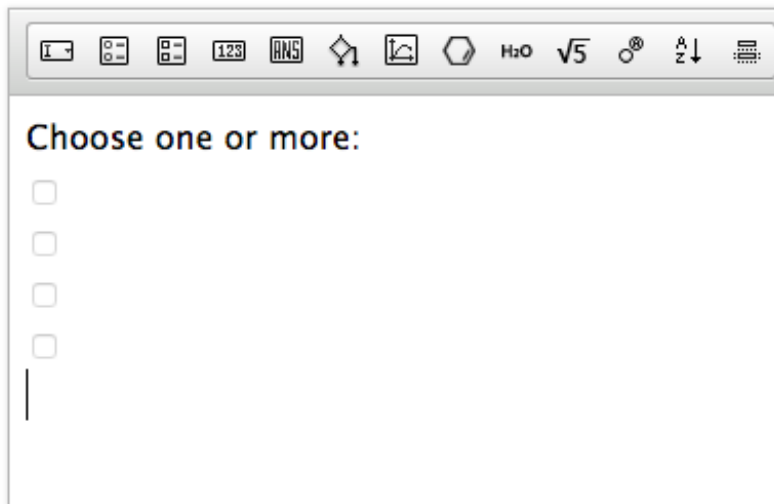
## Getting Started

1. To insert the Multiple-Select Module in to the Question Text section, click the multiple-select button in the Question Type Palette. The symbol on this button is a rectangle that contains two squares and two lines.



2. Once inserted into the Question text section, the module will appear as a question stem and four blank multiple-choice options, as exemplified in the screenshot below:

## Question Text\*

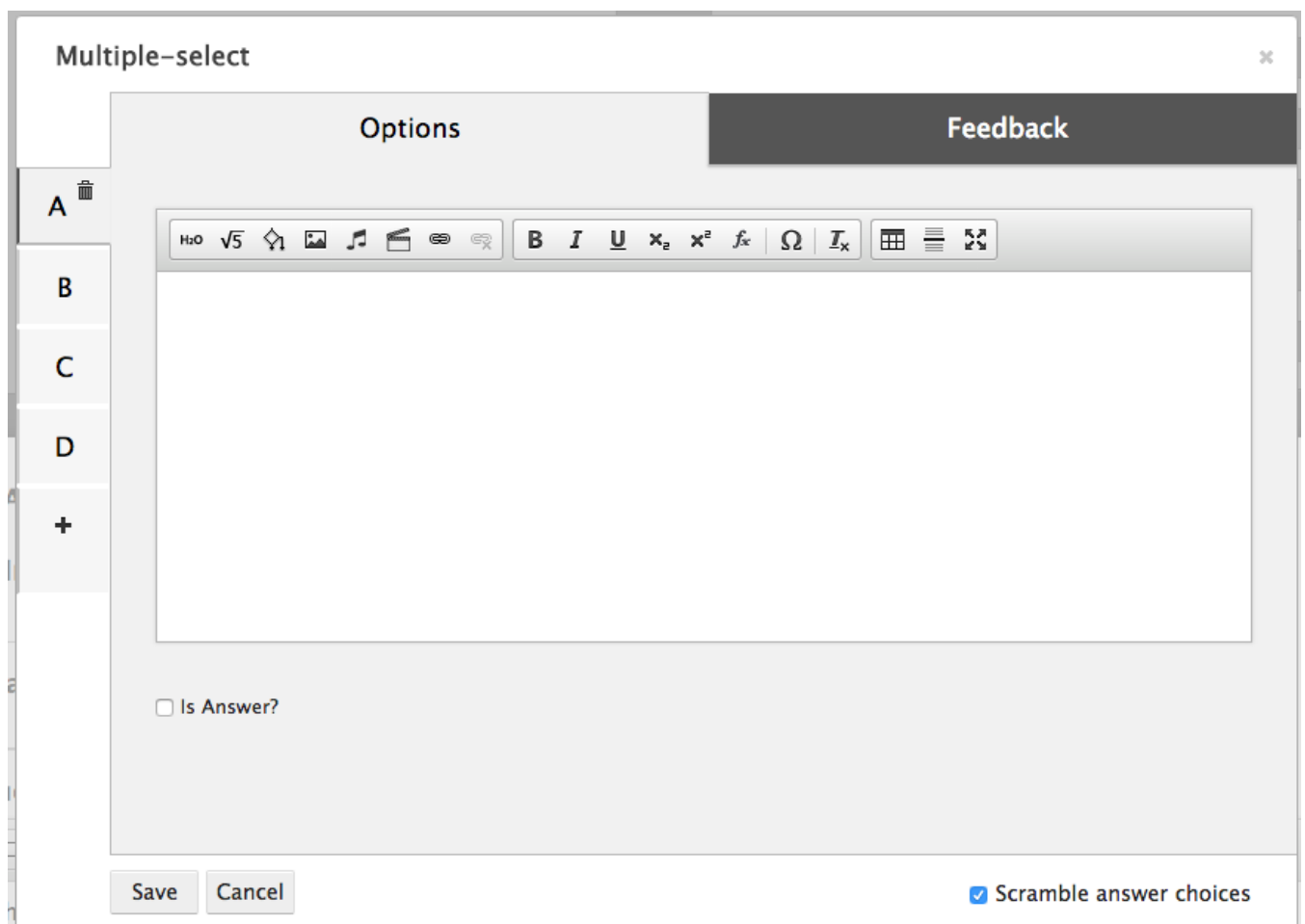


The screenshot shows the 'Question Text' editor. At the top is a toolbar with icons for text formatting (bold, italic, underline, strikethrough), mathematical symbols ( $\text{H}_2\text{O}$ ,  $\sqrt{5}$ ), and other symbols. Below the toolbar, the text 'Choose one or more:' is followed by four empty checkboxes and a vertical line.

As answer choices are added to the Module editor, they will populate the module that appears in the Question text section.

3. To open the Multiple-Select Module editor, double click on the module.

The Multiple-Select Module Editor consists of two tabs: an Options tab, in which you write the answer options, and a Feedback tab, in which you write the feedback students will see when they select each of the answer options.



The screenshot shows the 'Multiple-select' module editor. It has a title bar 'Multiple-select' with a close button. Below the title bar are two tabs: 'Options' (active) and 'Feedback'. On the left side, there is a vertical list of answer choices labeled A, B, C, D, and a plus sign (+). Each choice has a trash icon next to it. The main area is a large text input field for writing the answer options. Below the input field is a checkbox labeled 'Is Answer?'. At the bottom, there are 'Save' and 'Cancel' buttons, and a checkbox labeled 'Scramble answer choices' which is checked.

The Multiple-Select Editor also has a Save button, which you can use to save your work and exit the module, and a Cancel button, which allows you to exit the module without saving.

## Setting Up the Question

The Options tab is broken down into Answer Choice tabs, which you can use to write out each of the answer options. **Only one answer choice should be written per lettered tab.**

**Although the Answer Choice tabs are lettered, the order of the answer options will randomize in student view. Therefore, it does not matter which lettered tab the answer options are typed into.**

Answer Choice tabs can be added by clicking on the plus sign. Answer choice tabs can be deleted by clicking on the trashcan in the upper right-hand corner of the tab you want to delete.

The screenshot displays the 'Multiple-select' editor interface. On the left, a vertical list of tabs is labeled A, B, C, D, and a plus sign (+). A red arrow points from the plus sign to the text 'Answer Choice Tabs'. The main area is divided into two tabs: 'Options' (active) and 'Feedback'. The 'Options' tab contains three sub-palettes: 'Media Palette' (with icons for H<sub>2</sub>O, √5, a diamond, a picture, a musical note, a folder, a link, and a speech bubble), 'Text Formatting Palette' (with icons for Bold (B), Italic (I), Underline (U), subscript (x<sub>2</sub>), superscript (x<sup>2</sup>), strikethrough (fx), Omega (Ω), and subscript (I<sub>x</sub>)), and 'Feedback Formatting Palette' (with icons for a table, a list, and a refresh/clear icon). Below these palettes is a large 'Editable Text Field'. At the bottom of the 'Options' tab, there is a checkbox labeled 'Is Answer?' and a red instruction: 'Check this if the lettered tab contains the correct answer'. At the very bottom of the editor, there are 'Save' and 'Cancel' buttons on the left, and a checkbox labeled 'Scramble answer choices' on the right, which is currently checked.

## Text Editor

Each Answer Choice tab contains a text editor, which allows you to add text and other

multimedia to the answer options.

**Important Note:** Copying and pasting text from a Word Document into Smartwork5 could insert formatting that will corrupt the module. Please enter the text directly into the Text Editor, or copy and paste from a plain text document.

The Media Palette allows you to insert multimedia as answer options.



From left to right, the Media Palette allows you to do the following:

- Insert chemical equations
- Insert symbolic (math) equations
- Insert algorithmic variables
- Insert image files
- Insert music files
- Insert video files
- Insert hyperlinks
- Remove the hyperlinks

The Text Formatting Palette allows you to format text, as well as add special characters.



From left to right, the Text Formatting Palette allows you to do the following:

- Bold text
- Italicize text
- Underline text
- Insert subscripts
- Insert superscripts
- Insert math formulas \*This button is being phased out. To insert math formulas, please use the symbolic equation button.
- Insert special characters
- Remove any formatting applied to the text

Furthermore, the Feedback Formatting Palette allows you to do the following:



- Insert tables
- Insert line breaks
- Edit text in full screen mode

**To set up a question, do the following:**

1. In Answer Choice tab A, type out one of the answer choices you would like to include in the module. Format the text and insert any multimedia you see fit.
2. In Answer Choice tab B, type out another answer choice you would like to include in the module.
3. Repeat until all of the answer choices are in the module. Add and subtract Answer Choice tabs as needed.
4. At the bottom of the tabs that contain a correct answer choice, check the box that says “Is Answer?” Be sure to do this for all the correct answer choices.

Multiple-select ✕

Options
Feedback

A ✓  
B ✓  
C  
D  
+

$\text{H}_2\text{O}$   $\sqrt{5}$ 
**B** *I* U  $x_2$   $x^2$   $f_x$   $\Omega$   $I_x$ 


Van Gogh

☒ Is Answer?

This is one of the correct answers, so we checked the box next to "Is Answer?"

Save Cancel

☒ Scramble answer choices

5. If desired, check the box next to “Scramble answer choices” to randomize the answer options for students.

6. Save the question.

## Creating Feedback

The Feedback tab allows you to write feedback that students will see when they select an answer choice.

Multiple-select

Options Feedback

1

**Text Editor**

**Editable text field**

**Add additional feedback tabs**

Apply feedback to:

☐ Option A ✓ ☐ Option C ☐ Default

☐ Option B ✓ ☐ Option D

**Select the answer options you want to apply this feedback to**

Save Cancel

☒ Scramble answer choices

This tab contains many of the same elements as the Options tab, such as the Text Editor, and the ability to add or delete tabs by respectively clicking on the + tab and the trash can.

## Linking Feedback to an Answer Option

At the bottom of each tab is a section that allows you to select the answer options to which the feedback should correspond.

There are a few things you should keep in mind when linking feedback to answer options:

1. The correct answer options will always have a checkmark next to it. It is good practice to set feedback for the correct answers first.
2. A student will see the Default feedback under two circumstances: (a) If she does not submit an answer choice and (b) if the author does not write feedback for a specific incorrect answer choice. It is good practice to set default feedback second.
3. If you write default feedback, you do not have to write feedback for every incorrect answer option. However, check with your editor for best practices.

4. You may link feedback to multiple answer options in any permutation you see fit. When creating these permutations, it does not matter if an answer option has already been used in another set of feedback.
5. Unlike the feedback in Ranking, Sorting, and Labeling Modules, Multiple Select feedback does not Cascade.

**To create feedback, do the following:**

1. In the bottom left-hand corner of the first Feedback tab, select the answer option(s) to which you would like to apply feedback.
2. Type out the feedback you would like students to see when they select that option. You may add any multimedia you see fit.
3. Repeat this for as many combinations of options as you see fit, taking care to create feedback for the correct answers and to create the Default feedback.

The screenshot shows a 'Multiple-select' configuration window with two tabs: 'Options' and 'Feedback'. The 'Options' tab is active, showing a list of options. The first option is selected, and the 'Feedback' tab is visible, showing a text area with the feedback text: 'Correct! Van Gogh and Rembrandt are both Dutch painters.' Below the text area, there are checkboxes for 'Apply feedback to:' with 'Option A' and 'Option B' checked. At the bottom, there are 'Save' and 'Cancel' buttons, and a checkbox for 'Scramble answer choices' which is checked.

Multiple-select

Options Feedback

1

+

Correct! Van Gogh and Rembrandt are both Dutch painters.

Apply feedback to:

☒ Option A ✓ ☐ Option C ☐ Default

☒ Option B ✓ ☐ Option D

Save Cancel

☒ Scramble answer choices

4. Save the module.



5. Go to preview mode in the Question Editor. Check that the feedback is working correctly by recreating each of the permutations you set and clicking “Check Answer.”

**Question** (1 point)

> **Solution**

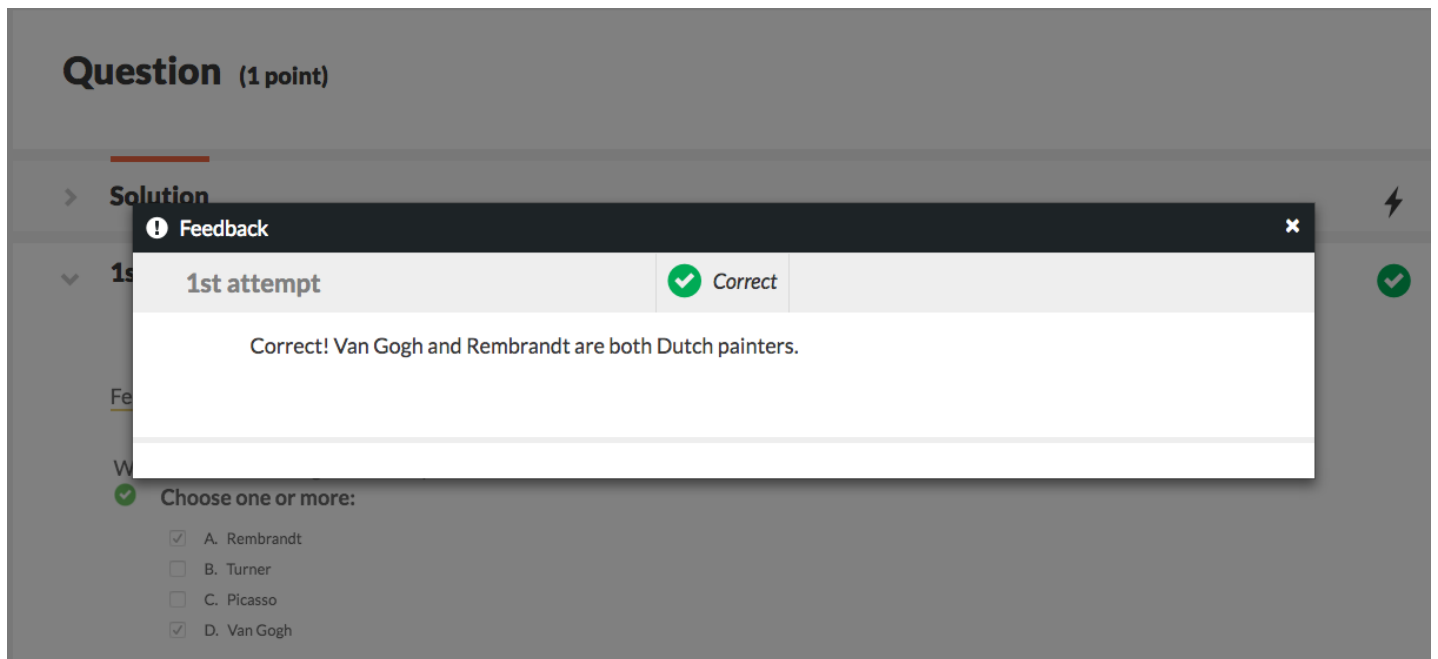
1st attempt

Correct

Correct! Van Gogh and Rembrandt are both Dutch painters.

Choose one or more:

- ☒ A. Rembrandt
- ☐ B. Turner
- ☐ C. Picasso
- ☒ D. Van Gogh

The screenshot shows a quiz interface with a dark grey background. At the top, it says "Question (1 point)". Below this, there's a "Solution" section with a right-pointing arrow. A feedback modal is open, displaying "1st attempt" and a green checkmark with the word "Correct". The modal also contains the text "Correct! Van Gogh and Rembrandt are both Dutch painters." Below the modal, there's a question prompt "Choose one or more:" followed by four options: A. Rembrandt (checked), B. Turner, C. Picasso, and D. Van Gogh (checked). A green checkmark is visible on the right side of the interface.