

H5P guides: How to create a *Multiple Choice* activity

Use the *Multiple Choice* content type to create a question that asks learners to select one or more correct answers from a list of options and provides them with immediate feedback.

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When *Multiple Choice* works best

Multiple Choice is useful for checking learners' understanding of concepts, facts, procedures, or decision-making scenarios.

When designing a multiple choice question, you should provide feedback explaining why an answer is correct or incorrect, to help learners address any misconceptions and reinforce their understanding.

Examples

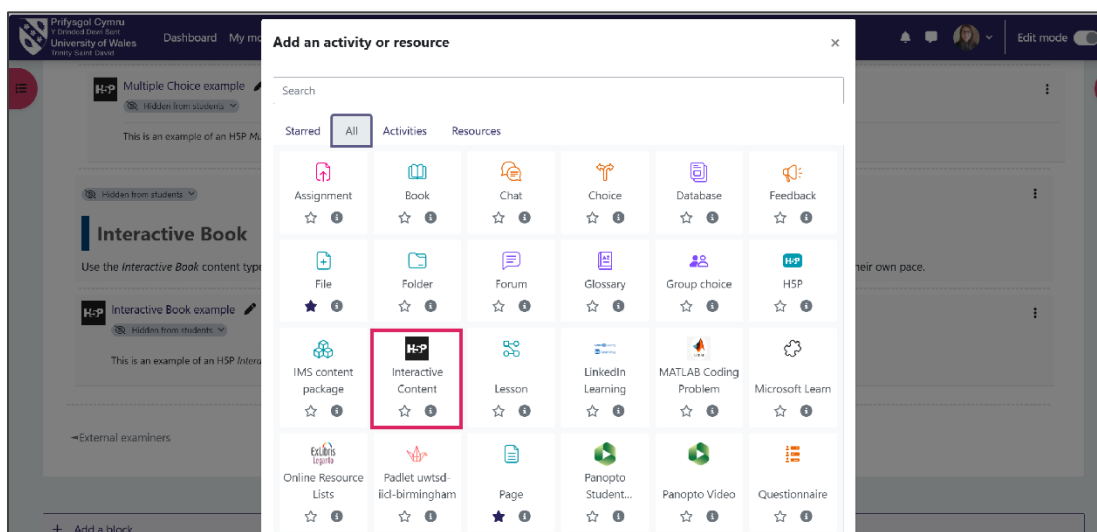
- Check understanding of key concepts introduced in a lecture or reading.
- Test knowledge of subject-specific terminology and definitions.
- Assess learners' ability to identify correct processes, methods, or procedures.
- Present realistic scenarios and ask learners to choose the most appropriate course of action.
- Reinforce learning from case studies by asking learners to identify the best response or interpretation.

Step 1: Add the H5P *Multiple Choice* activity

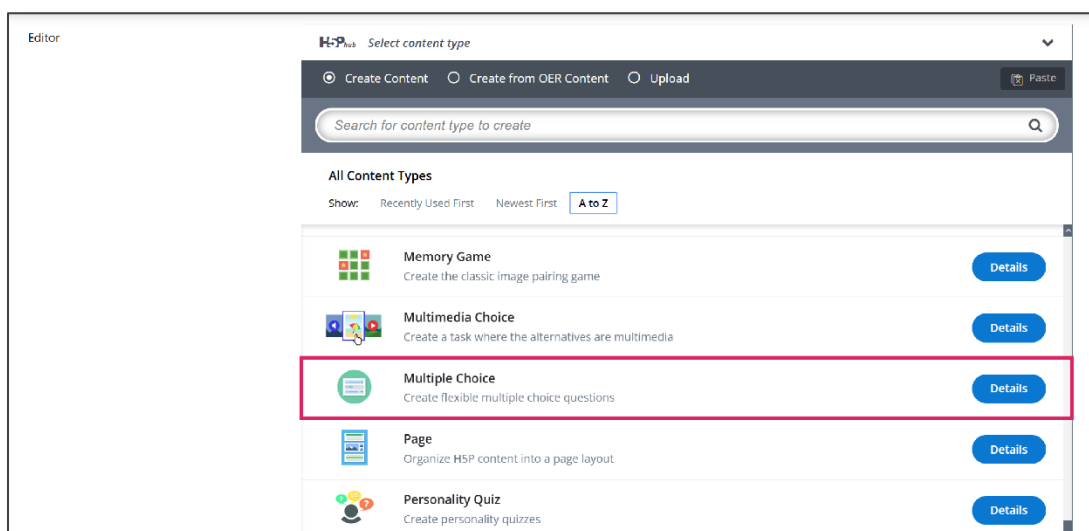
You can use *Multiple Choice Question* as a standalone activity, or in an *Interactive Book*.

Using *Multiple Choice* as a standalone activity

1. In Moodle, turn **Edit mode** on and navigate to the section where you want to add the activity.
2. Select **Add an activity or resource** or select the plus button (+) to add the activity between existing content.
3. From the list of activities and resources, select **H5P Interactive Content**.



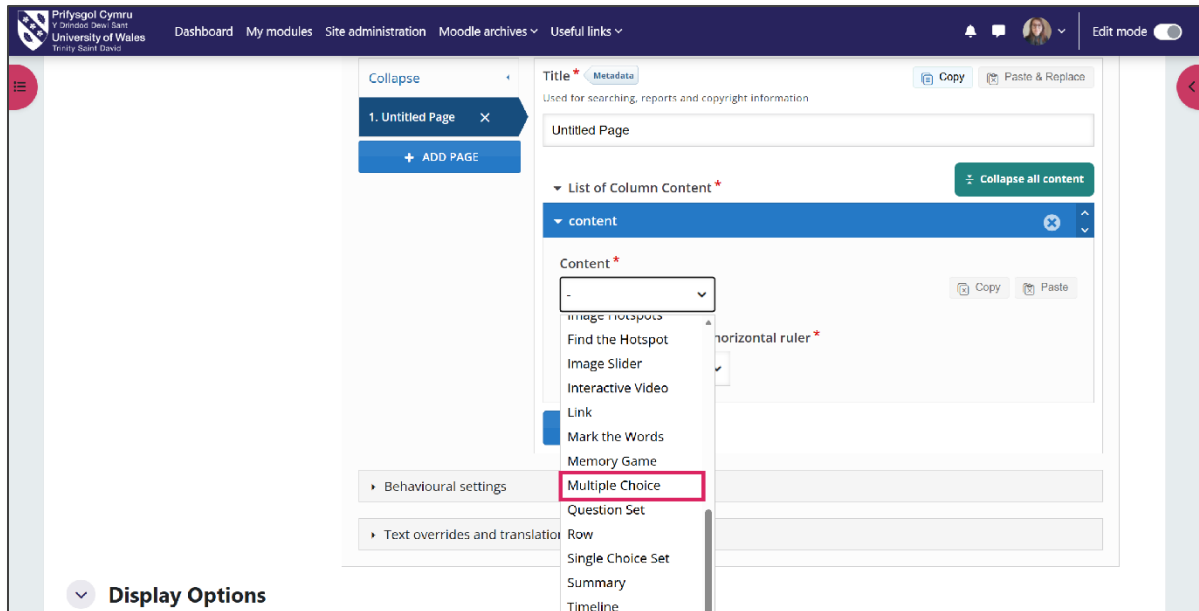
4. From the list of content types shown in the *Editor* section, select **Multiple Choice**. The H5P editor will appear.



Using *Multiple Choice* in an *Interactive Book*

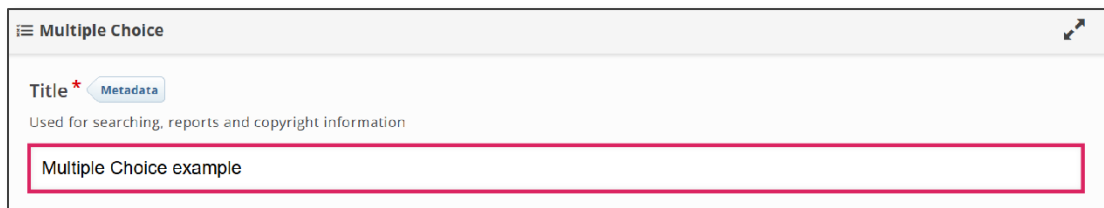
In addition to being used as a standalone activity, this content type can also be added to an *Interactive Book*, where it can be combined with other H5P content types.

In the *Interactive Book* editor, select **Add content** and choose **Multiple Choice** from the **Content** drop-down list.



Step 2: Add an activity title and description

1. Add a title for your activity in the **Title** field. This will be visible to learners, so make sure that it's clear and adequately describes the activity.



The screenshot shows the 'Multiple Choice' activity settings. The 'Title' field is highlighted with a red box and contains the text 'Multiple Choice example'. The 'Metadata' tab is selected, and the text 'Used for searching, reports and copyright information' is visible below it.

2. Add a short activity description in the **Description** field (see marker 1), to help learners understand what the activity is about and provide scaffolding. The **Description** field is at the top of the page, just above the H5P editor.

Tick **Display description on course page** (see marker 2), so that learners can view the description before they start the activity.

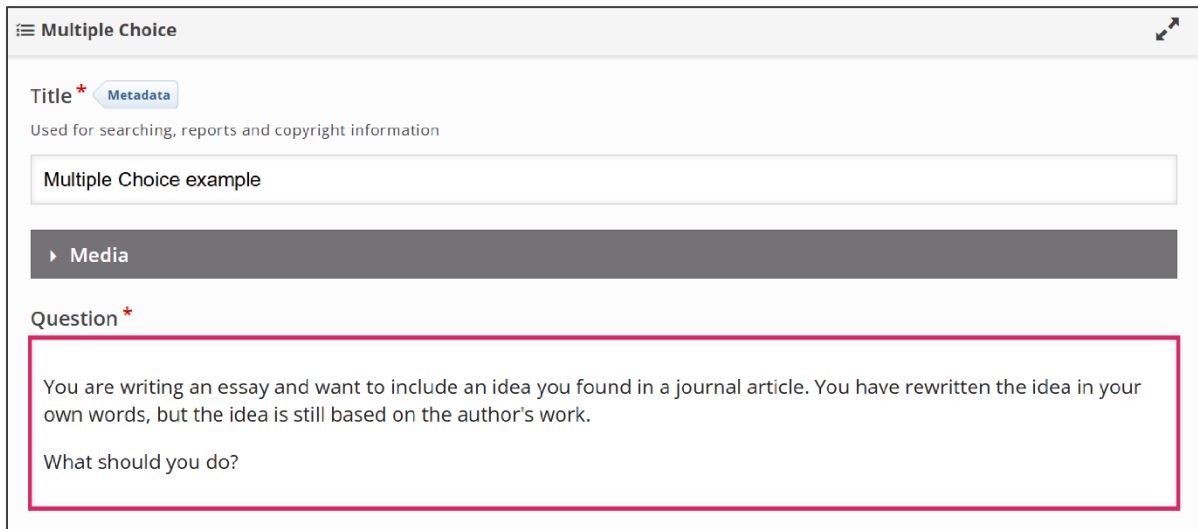


The screenshot shows the 'Edit settings' form for the 'Multiple Choice' activity. The 'Description' field is highlighted with a red box and contains the text 'Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.' The 'Display description on course page' checkbox is checked and highlighted with a red box.

Note: Remember that when using *Multiple Choice* in an *Interactive Book* you don't need to set a description.

Step 3: Add the question

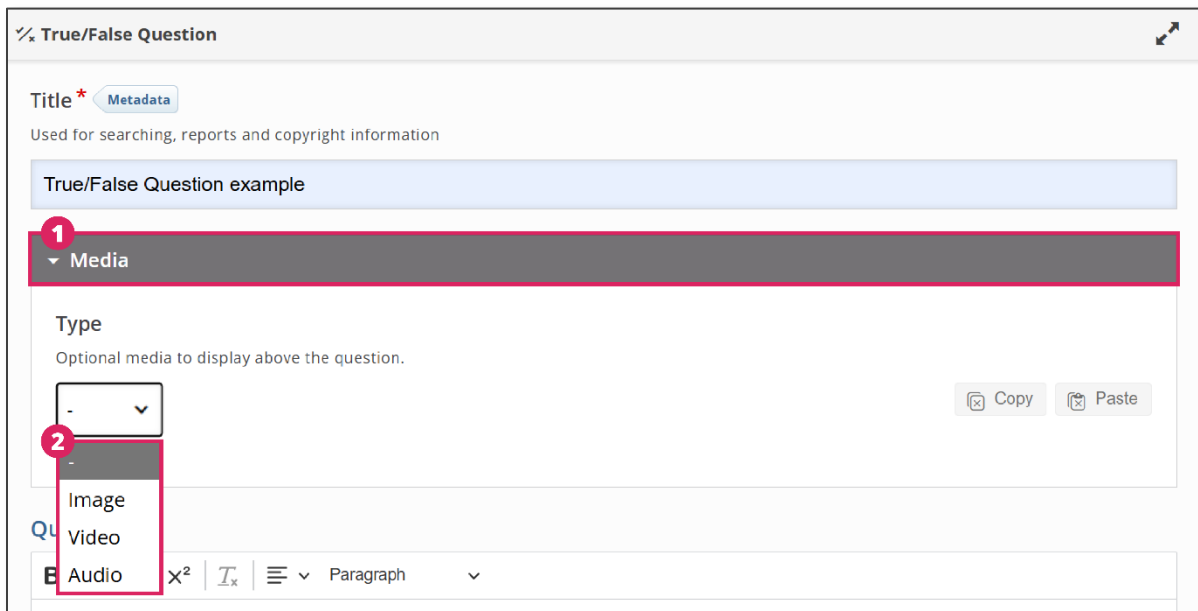
Type the question in the **Question** field.



The screenshot shows the 'Multiple Choice' question editor. At the top, there's a title field with a red asterisk and a 'Metadata' button. Below it, a text box contains 'Multiple Choice example'. A dark grey bar labeled 'Media' is visible. The 'Question' field, marked with a red asterisk, contains the text: 'You are writing an essay and want to include an idea you found in a journal article. You have rewritten the idea in your own words, but the idea is still based on the author's work. What should you do?'. The question text is highlighted with a red border.

Adding multimedia content to the question

To add an image, video or audio to the question, expand the **Media** panel (see marker 1). Then select the type of media you want to add from the **Type** drop-down list (see marker 2).



The screenshot shows the 'True/False Question' editor. It has a title field with a red asterisk and a 'Metadata' button. Below it, a text box contains 'True/False Question example'. A dark grey bar labeled 'Media' is expanded, marked with a red circle and the number '1'. Below the 'Media' bar, there's a 'Type' section with the text 'Optional media to display above the question.' and a drop-down menu. The drop-down menu is open, showing options: 'Image', 'Video', and 'Audio'. The 'Image' option is highlighted with a red circle and the number '2'. To the right of the drop-down menu are 'Copy' and 'Paste' buttons. At the bottom, there's a rich text editor toolbar with icons for bold, italic, subscript, and paragraph formatting.

Adding an image

To add an image, select **Image** from the **Type** drop-down menu (see marker 1). Then select the **Add** button (see marker 2) to upload an image file.

▼ Untitled Image

Type

Optional media to display above the question.

1 Image ▼

2 + Add

Copy Paste & Replace

Then add **alternative text** (see marker 1, below) or mark the image as decorative (see marker 2), to support accessibility.

Underneath the image you'll find the **Edit image** button (see marker 3), which allows you to crop or rotate the image.

If you want to remove the image and choose a different one, select the **x** in the image top right corner (see marker 4).

▼ Untitled Image

Type

Optional media to display above the question.

Image ▼

Copy Paste & Replace

Image * Metadata

4

3 Edit image

2 ☐ Decorative only

Enable this option if the image is purely decorative and does not add any information to the content on the page. It will be ignored by screen readers and not given any alternative text.

Alternative text *

Required. If the browser can't load the image this text will be displayed instead. Also used by "text-to-speech" readers.

1 An example of Eisenhower matrix with a task in each of the four quadrants. Urgent and important: Resolve major client is

Adding a video

To add a video, select **Video** from the **Type** drop-down menu (see marker 1).

Add the title of your video in the **Title** field (see marker 2). Then select the plus button (+) under **Video sources** to add a video.

We recommend linking to a video hosted on a platform like Panopto or YouTube (see marker 3) rather than uploading a video file. This makes accessibility easier to manage, as captions created in the video hosting platform are automatically carried over when the video is embedded. If you upload a video file directly, you'll need to upload and maintain the caption file separately.

Type

Optional media to display above the question.

1

Video

Copy

Paste & Replace

Title *

Metadata

Used for searching, reports and copyright information

2

Video title

Video sources *

To ensure that the video works in all browsers you should add both WebM and MP4 formatted sources.

Upload video file

or

Paste YouTube link or other video source URL

3

Enter video URL

H5P supports all external video sources formatted as mp4, webm or ogv, like Vimeo Pro, and has support for YouTube and Panopto links.

Insert

Cancel

Adding audio

To add audio, select **Audio** from the **Type** drop-down menu (see marker 1).

Add the title of your audio in the **Title** field (see marker 2). Then select the plus button (+) under **Source files**. Here you can upload an audio file (see marker 3) or a link (see marker 4).

The screenshot shows a form for adding audio. At the top, the 'Type' dropdown is set to 'Audio' (marker 1). Below it, the 'Title' field is labeled 'Audio title' (marker 2). The 'Source files' section has two options: 'Upload audio file' (marker 3) and 'Paste link or other audio source URL' (marker 4). The 'Upload audio file' option shows a dashed box with an upload icon. The 'Paste link' option shows a text input field with a speaker icon and the placeholder text 'Enter audio source URL'. At the bottom right, there are 'Insert' and 'Cancel' buttons.

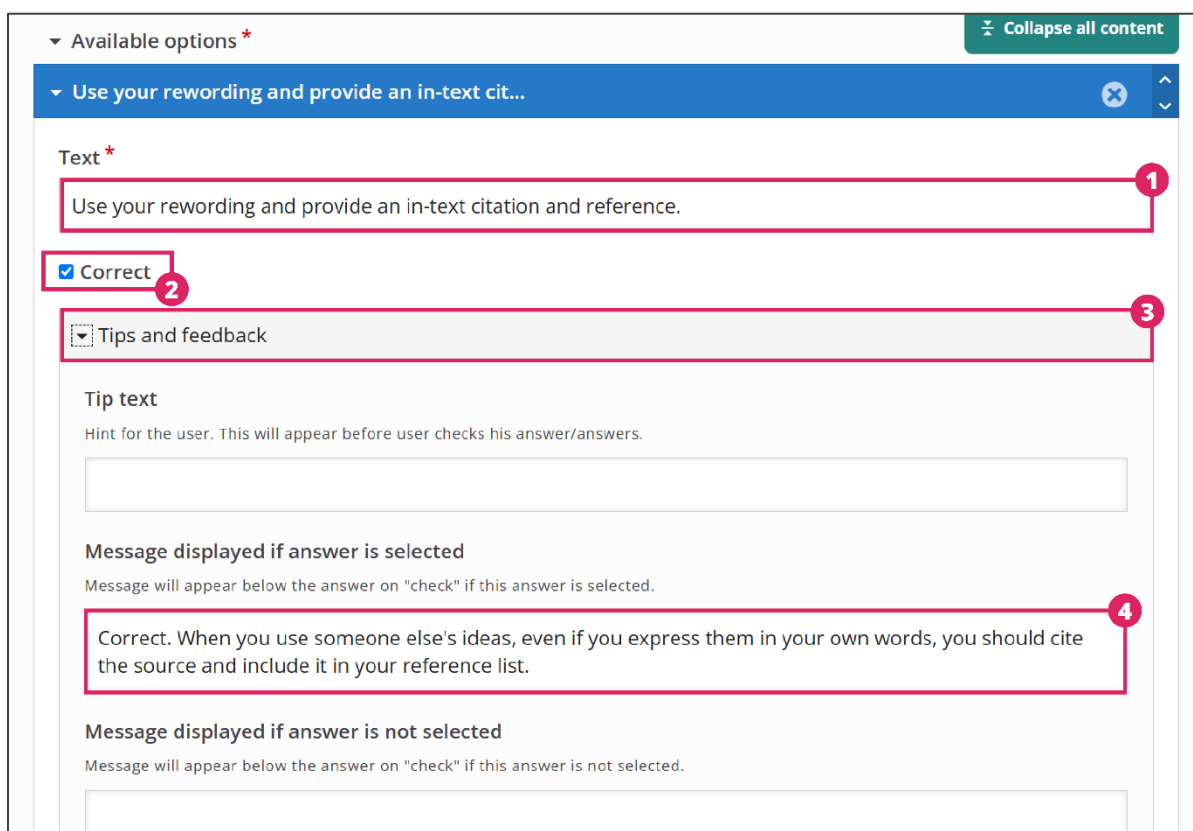
Change the **Player mode** to **Full** (see marker 1, below) and ensure that **Enable controls** is ticked (see marker 2).

The screenshot shows the 'Player mode' settings. The 'Player mode' dropdown is set to 'Full' (marker 1). Below it, the 'Fit to wrapper' checkbox is unchecked. The 'Enable controls' checkbox is checked (marker 2). Below 'Enable controls' is a note: 'Controls allow the user to for instance pause the audio'. At the bottom, the 'Enable autoplay' checkbox is unchecked, with a note: 'With autoplay the audio starts to play immediately. Do note that this is not supported by all browsers'.

Step 4: Add the answer options and feedback

Under **Available options**, add the answer options that learners will be able to select. In the **Text** field (see marker 1), enter the text for an answer option. If the option is a correct answer, select the **Correct** checkbox (see marker 2). You can set more than one correct answer per question, if needed.

To add feedback for an option, expand the **Tips and feedback** panel (see marker 3). In the field labelled **Message displayed if answer is selected** (see marker 4) enter the feedback that learners will see when they choose that option.



Available options *

Use your rewording and provide an in-text cit...

Text *

Use your rewording and provide an in-text citation and reference.

☒ Correct

Tips and feedback

Tip text

Hint for the user. This will appear before user checks his answer/answers.

Message displayed if answer is selected

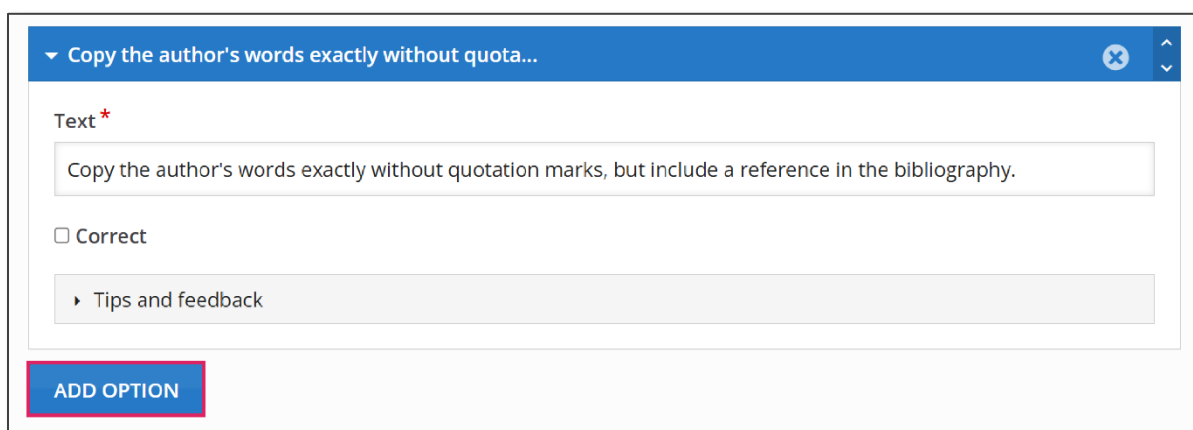
Message will appear below the answer on "check" if this answer is selected.

Correct. When you use someone else's ideas, even if you express them in your own words, you should cite the source and include it in your reference list.

Message displayed if answer is not selected

Message will appear below the answer on "check" if this answer is not selected.

By default, there are two options. To add more, select the **Add option** button.



Copy the author's words exactly without quota...

Text *

Copy the author's words exactly without quotation marks, but include a reference in the bibliography.

☐ Correct

Tips and feedback

ADD OPTION

Step 5: Check *Behavioural settings*

Expand the **Behavioural settings** panel (see marker 1) to change further settings. For example, you can choose whether to display the **Retry** and **Show solution** buttons (see markers 2 and 3 respectively), and whether to randomise the order of the answer options (see marker 4).

In most cases, the default settings will be suitable and do not need to be changed.

The screenshot shows the 'Behavioural settings' panel. At the top right, a red circle with the number '1' marks the panel's title bar. Below the title bar, there are two checkboxes: 'Enable "Retry" button' (marked with a red circle '2') and 'Enable "Show Solution" button' (marked with a red circle '3'). Below these is the 'Question Type' section, which includes a dropdown menu currently set to 'Automatic'. Further down, there are several more checkboxes: 'Give one point for the whole task', 'Randomize answers' (marked with a red circle '4'), 'Require answer before the solution can be viewed', 'Show confirmation dialog on "Check"', 'Show confirmation dialog on "Retry"', and 'Automatically check answers'. At the bottom, there is a 'Pass percentage' section with a text input field containing the value '100'.

Step 6: Save and preview

We recommend you save and preview your work frequently, to ensure the activity works as expected. To do that, select **Save and display** at the bottom of the page.

The screenshot shows the bottom of the page with three buttons. The first button is dark blue with white text and says 'Save and return to course'. The second button is light blue with dark blue text and says 'Save and display'; it is highlighted with a red rectangular border. The third button is light grey with dark grey text and says 'Cancel'.