

UBC Faculty of Forestry & Environmental Stewardship

Canvas Multiple Answers Question Grading

What is a Multiple Answers Question?

A Multiple Answers question is one that allows for selection of multiple answers.

Within a quiz, they are displayed like this:

Question 4	4 pts
Which of these 3-pt implements will work with a 48hp compact tractor?	
<input type="checkbox"/> 6' box blade	
<input type="checkbox"/> 8' snow blower	
<input type="checkbox"/> 6' finish mower	
<input type="checkbox"/> 7' rear blade	
<input type="checkbox"/> 6' rotary cutter	
<input type="checkbox"/> 4 bottom plow	
<input type="checkbox"/> 8' landscape rake	
<input type="checkbox"/> 12' backhoe	

Student View for Multiple Answers Feedback

Question 5	0 / 1 pts
What year was The Star-Spangled Banner written and when was it adopted officially as the national anthem for the United States of America	
2 You Answered	<input checked="" type="checkbox"/> 1918
1 Correct!	<input checked="" type="checkbox"/> 1814
	Correct!
3 Correct Answer	<input type="checkbox"/> 1931
	<input type="checkbox"/> 1810

Source: <https://community.canvaslms.com/t5/Instructor-Guide/How-do-I-create-a-Multiple-Answers-quizquestion/ta-p/924>

Faculty of Forestry, UBC

Learning and Teaching Support Team

How are Multiple Answers questions graded in Canvas?

Assume each question worth 1 point, and there are 5 choices available.

- Canvas will never give students negative marks. The minimum point possible is zero.
- **Scenario 1:** If there is only one correct answer, students must select the exact answer to get the full mark. If the student selects a wrong answer or more than one answer, then the person will receive a zero.
- **Scenario 2:** If there are two, three, or four out of five correct answers, each answer is worth $\frac{1}{5}$ point, accordingly. They are graded in the same manner. Taking three out of five are correct answers as an example, we can find that:

$\frac{1}{5} \circ$ Any correct choice will be awarded point, and if the student choose all three $\frac{3}{5}$ options correctly, then the total of 1 point is awarded.

$\frac{1}{5} \circ$ Any incorrect choice will be penalized by $\frac{1}{5}$ point, but it will not go below zero.

i.e. Assume a student has chosen x correct answers and y incorrect answers
 $\frac{xx}{5} \frac{yy}{5}$
If $x > y$, then the final grade would be $(-\frac{yy}{5})$

If $x \leq y$, then the person will receive a zero.

- **Scenario 3:** If all answers are correct, then students must select all five to receive a full mark. Otherwise, only partial marks will be granted.