

# 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>

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## 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:

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

$\frac{1}{5}$  ○ 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

$\frac{xx}{33} - \frac{yy}{33}$   
If  $x > y$ , then the final grade would be  $(-)$

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.