

UBC Forestry

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-quiz-question/ta-p/924>

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 $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ point, accordingly. They are graded in the same manner. Taking three out of five are correct answers as an example, we can find that:
 - Any correct choice will be awarded $\frac{1}{3}$ point, and if the student choose all three options correctly, then the total of 1 point is awarded.
 - Any incorrect choice will be penalized by $\frac{1}{3}$ point, but it will not go below zero.

i.e. Assume a student has chosen x correct answers and y incorrect answers

If $x > y$, then the final grade would be $(\frac{x}{3} - \frac{y}{3})$

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.