

Calculated Formula Questions Require a Specific Number of Digits

Article Number

000075970

Description

When a Calculated Formula question in a Test is set to calculate a particular number of Significant Digits, the student's answer must be that many digits, even if a Answer Range is set for the correct answer.

KB Product

Learn SaaS

Last Modified Date

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Release (General)

9.1;SaaS

Service Packs

Learn 3900.23.0;Learn 3900.26.0

Steps to Replicate

1. Log into **Blackboard Learn** as an Administrator
 2. Go to **System Admin > Courses**
 3. Search and access any Original course
 4. Click **Quick Enroll**
 5. **In any of the** Content Folder, create a **Test Assessment**
 6. Create a **Calculated Formula Question**, for example:
 - Use the following question: [x] divided by [y]
 - Set Answer Formula = x/y
 - Set Answer Range +/- = 10.00 (Percent)
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1. Click on **Next**
 2. Fill out values under "Define Variables": for example, 32 for Minimum Value and 92 Maximum Value. Leave Decimal Places to 0.
 3. Under Answer Set Options, for "Calculate Answers to" select 3 and Significant Figures from the menu
 - For Number of Answer Sets enter 3
 - For Correct Answer Format = Normal
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1. Click **Calculate** (Note: correct answer 3.09 and range ± 10 $x = 71$ and $y = 23$) > **Submit**
 2. Click **OK > Submit** > Make sure "Yes" is selected for "Make the link available" > **Submit**
 3. Login as a student
 4. Once in Student Preview mode, navigate to the course content
 5. Begin the test and complete the answer by 3.08, and Submit the Test
 6. Click **OK** to view the attempt

Observed Behavior:

The Given answer is marked wrong even though it is within the answer range.

Expected Behavior:

The Given answer is marked correct since it is within the answer range.

Summary

When a Calculated Formula question in a Test is set to calculate a particular number of Significant Digits, the student's answer must be that many digits, even if a Answer Range is set for the correct answer.

Target Release

Learn 9.1, 3900.62.0 Release

SaaS - Fixed (v3900.62.0)

Title

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