

# Math Questions

Last Modified on 09/02/2021 10:15 am CDT

## Math Question Work Around

Using the Arithmetic or Significant Figures question types has proved daunting for many instructors. Some of our Math instructors use the following workarounds. By using D2L Quizzes, they can use pooling to randomize questions and require that students submit their scanned work.

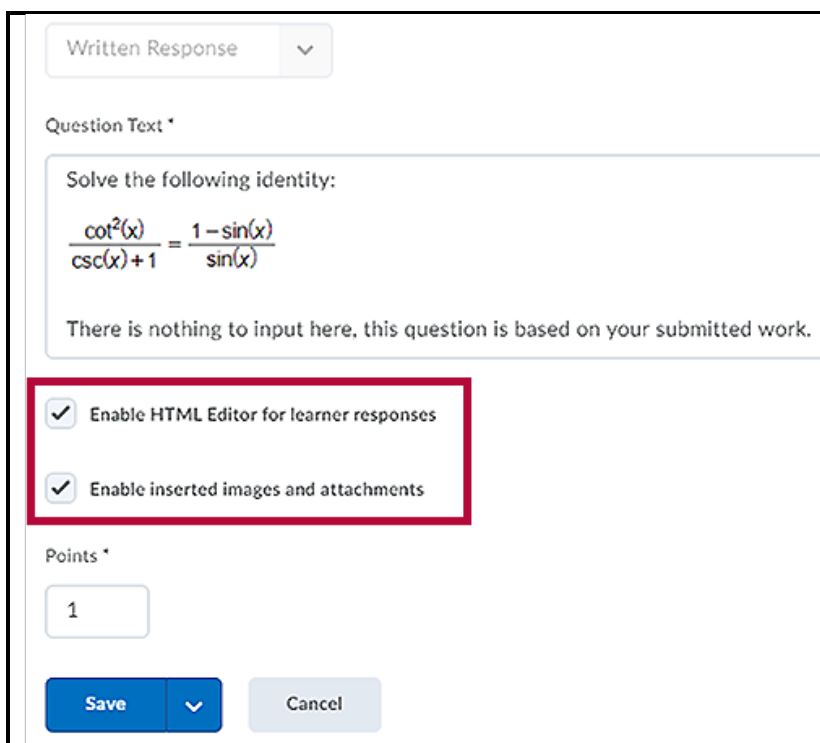
## Written Response Math Question

1. Create a Written Response question.
2. In the Question Text box, insert an image of your formula or equation using the Camera icon



on the HTML Editor toolbar.

3. Check **Enable HTML Editor for learner responses** if you will have students use the equation editor. See image below.
4. Check **Enable inserted images and attachments** if you will have students attach their own work. See image below.



Written Response

Question Text \*

Solve the following identity:

$$\frac{\cot^2(x)}{\csc(x)+1} = \frac{1-\sin(x)}{\sin(x)}$$

There is nothing to input here, this question is based on your submitted work.

Enable HTML Editor for learner responses

Enable inserted images and attachments

Points \*

1

Save Cancel

5. Enter a number in the **Points** field.
6. Click **Save**.

## Multiple Choice Math Question

1. Create a Multiple Choice question.
2. In the Question Text box, insert an image of your formula or equation using the Camera



icon on the HTML Editor toolbar.

3. Insert images as above for your answers if needed.

4. Check the Randomize answer order if desired for test security.

Multiple Choice Options ▾

Question Text \*

Solve the equation on the interval  $0 \leq \theta < 2\pi$ .

$$\cos^2(\theta) - \sin^2(\theta) = 1 + \sin(\theta)$$

Answers \*

$\left\{0, \frac{\pi}{6}, \frac{5\pi}{6}, \pi\right\}$  ×

$\left\{\frac{\pi}{2}, \frac{7\pi}{6}, \frac{3\pi}{2}, \frac{11\pi}{6}\right\}$  ×

$\left\{0, \pi, \frac{7\pi}{6}, \frac{11\pi}{6}\right\}$  ×

[Add Answer](#)

Randomize answer order


Points \*

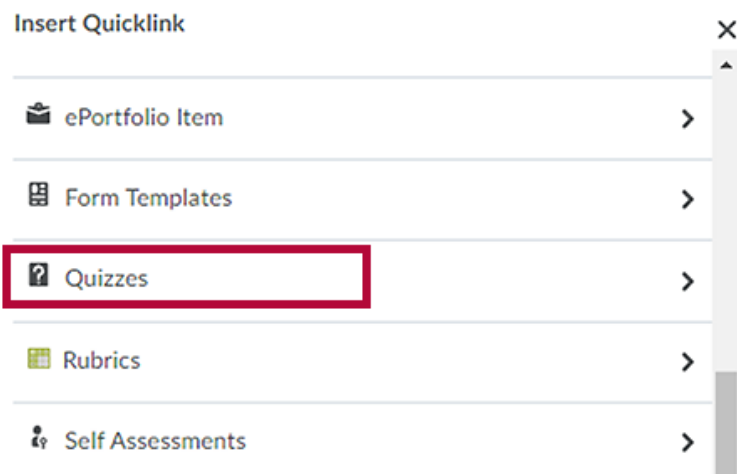
1

[Save](#) ▾ [Cancel](#)

5. Enter a number in the **Points** field.
6. Click **Save**.

## Receive students' own work using Assignment folder for Multiple Choice questions

1. Create an Assignment Folder for each Quiz
2. In the Instructions field, enter the link to your quiz using the Quicklink  icon.
3. Click on Quizzes and navigate to the quiz.



4. Complete your assignment settings and click Save and Close.

## Making Use of the Equation Editor

You can also use the D2L Equation Editor to insert equations. It works similarly to some of the publisher software.

The Equation Editor is available within the HTML Editor. It enables users to insert mathematical and statistical equations into their content in the Brightspace platform. It supports the input of MathML and LaTeX, as well as a graphical editor where you can visually create equations. This is complex so we recommend contacting your [Meet Your LSC-Online Representative](https://vtac.lonestar.edu/help/a109) (<https://vtac.lonestar.edu/help/a109>) and viewing this video: [Making Use of the Equation Editor](https://youtu.be/GEZFjKjn9HA) (<https://youtu.be/GEZFjKjn9HA>)

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