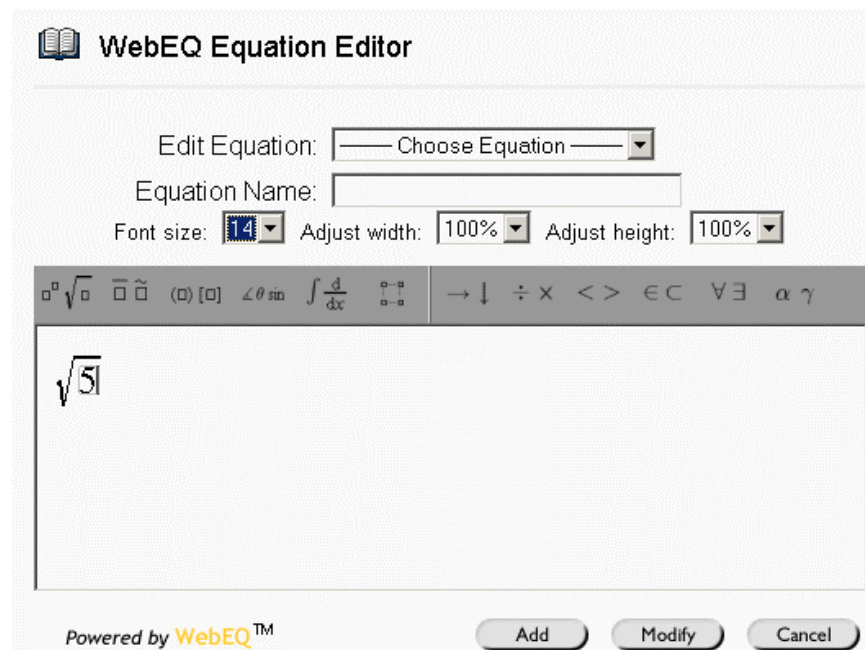




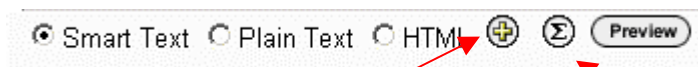
Using the Math and Science Notation Tool

The **Math and Science Notation Tool** (WebEQ Equation Editor) enables users [both instructors and students] to use mathematical and scientific notation throughout a Blackboard course . Users are able to add new equations and edit equations they have created in the past. Once an equation has been created it can be copied and used again or copied and modified using the WebEQ Equation Editor features.

The **MathML Equation Editor** is a separate equation editor that functions in the same way as the Math and Science Notation Tool. Instead of opening with the symbol buttons, a blank text box will appear where users can enter MathML.



1. Find the Math and Science Notation Tool [available in most options/features]



2. Click the **Math and Science Notation Tool (+)** or click the **MathML Equation Editor icon (Σ)** for any text box that accepts math notation. The appropriate equation tool will appear.
3. The WebEQ Editor above produced this image in a text box:

Functions Available

The table below describes the functions available in the Equation Editor.

To . . .	then . . .
create a name for the equation	enter a name in the Equation Name: field. To accept the default name do not make any changes.
create an equation	use the equation symbols available on the keyboard to create equations.
modify an existing equation	select the equation from the Edit Equation: drop-down list. The equation will appear on the Editor and can be edited using the Equation Editor features. Click Modify to save the changes. Only equations created in that specific area of <i>Blackboard Learning System</i> can be modified. For example, if the Math and Science Notation Tool is opened in an Assessment, only those equations created in that Assessment are available.
submit the equation and its name	click Add .

Copy Equations

Follow the steps below to copy an equation to a different field on the same Web page.

1. Create an equation in the Math and Science Equation Editor or the MathML Equation Editor and click **Add** to add it to the field.
2. Copy the equation, as it appears in the field, and paste it to another field on the same Web page.

Follow the steps below to copy an equation from one course Web page to another. For example, if an equation is created in one Assessment and the Instructor would like to add it to another Assessment.

1. Create an equation in the Math and Science Equation Editor or the MathML Equation Editor and click **Add** to add it to the field on the first Web page.
2. Open the MathML Equation Editor and select the equation. Copy the equation as it appears in MathML.
3. Open the second course Web page where you would like to add the equation. Open the MathML Equation Editor for the selected field where the equation will appear.
4. Paste the equation into the MathML Equation Editor and click **Add**.
5. The equation may now be edited in either the MathML Equation Editor or the Math and Science Notation Tool on this page.

TIP

If an equation is more than one line or uses a large font size, the equation may be cut off when it appears on the course Web site. To prevent this from happening add an empty line after the final line in the equation on the Math and Science Notation Tool. The entire equation will appear.