

## Math and Science Notation Tool - WebEQ Equation Editor

### Overview

The Math and Science Notation Tool (WebEQ™ Equation Editor) is a general purpose equation editor designed for working with equations. It enables users to use mathematical and scientific notation throughout the *Blackboard Learning System*. Users have the ability to add equations, edit existing equations and move equations within the Math and Science Notation Tool. All of the Equation Editor symbols are based on MathML, a markup language for math on the Web, which is a subset of XML.

The Math and Science Notation Tool can be accessed from any content or Assessment area. Once added, the equations can be modified like other items within a content area.

**Note:** Instructors may include Essay questions on Assessments that use the Math and Science Notation Tool. Students can access the Math and Science Notation Tool to complete the question and the Instructor can view all of Students' work.

**WebEQ Equation Editor**

Edit Equation:

Equation Name:

$\square$   $\sqrt{\square}$   $\square$   $\tilde{\square}$   $(\square)$   $[\square]$   $\angle \theta$   $\sin$   $\int$   $\frac{d}{dx}$   $\square$   $\square$

$\rightarrow$   $\downarrow$   $\div$   $\times$   $\langle$   $\rangle$   $\in$   $\subset$   $\forall$   $\exists$   $\alpha$   $\gamma$

Powered by **WebEQ™**

Add Modify Cancel

### MathML Equation Editor

The MathML Equation Editor functions in the same way at the Math and Science Notation Tool. Instead of opening with the calculation buttons, a blank text box will appear where users can enter XML.

### Find the Math and Science Notation Tool

Click the **Math and Science Notation Tool (+)** or click the **MathML Equation Editor icon ( $\Sigma$ )** for any text box that accepts math notation. The appropriate equation tool will appear.

### Functions

The table below details the functions available on this page.

To . . .	click . . .
access the Math and Science Notation Tool	the <b>Math and Science Notation Tool</b> icon. The Math and Science Notation Tool will appear.
insert MathML	the <b>MathML Equation Editor</b> icon. The MathML Equation Editor will open.

### Installation Notes

For best performance on a Windows<sup>®</sup> operating system Blackboard recommends using Internet Explorer 6.0.

For best performance on a Macintosh<sup>®</sup>, Blackboard recommends the following.

**Step 1** Upgrade the operating system to Mac OS X v10.2

**Step 2** Install Netscape<sup>®</sup> 6.2.3 (or a later version)

**Step 3** Install the MRJPlug-in. This is located at  
<http://homepage.mac.com/pcbeard/MRJPlugin/>

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