LiveEquations®

A quick guide to utilizing Books24x7® LiveEquations

LiveEquations is a complimentary feature available to Books24x7's EngineeringPro™ subscribers. This productivity tool allows patrons to transfer an equation from a title into a MathML-compliant program for expression manipulation, data charting and processing. LiveEquations eliminates the need to recreate equations, saves users time and minimizes potential input errors. Compatible programs include Mathematica®, Maple™ and Microsoft® Office Word 2007.

Table of Contents
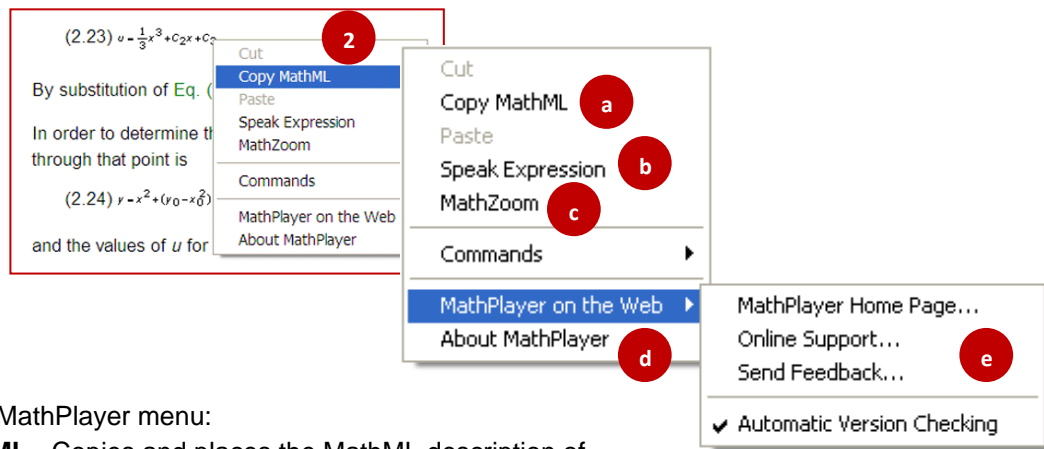
Getting Started for Internet Explorer Users

1. It is recommended that Internet Explorer users install version 2.1d or higher of the MathPlayer™ plug-in before utilizing LiveEquations. The plug-in is free and takes a few seconds to download from the Design Science website, which is also accessible from the help page of LiveEquations:
http://www.dessci.com/en/products/mathplayer/download.htm

2. Once the MathPlayer plug-in is installed, you can access the MathPlayer menu by right-clicking on an equation.

Overview of the MathPlayer menu:

a) **Copy MathML** - Copies and places the MathML description of the equation onto the clipboard. Equations in EngineeringPro texts are rendered in MathML, a W3C standard describing the semantics and notations of an equation.

b) **Speak Expression** - Reads the format of the equation aloud. (Requires that your computer be equipped with audio capabilities)

c) **MathZoom** - Magnifies the equation for a closer look at the equation.
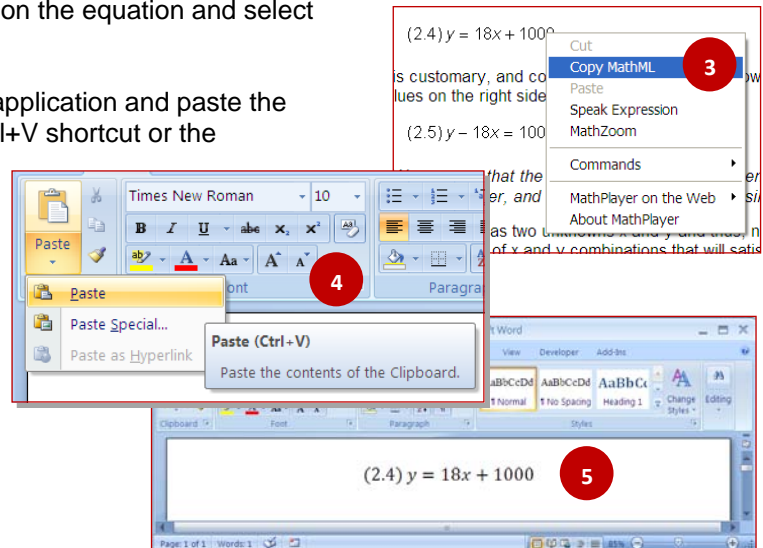

$$u = \frac{1}{3}x^3 + C_2x + C_3$$

d) **MathPlayer on the Web** - Provides links to online MathPlayer resources and disables/enables Version Checking.

e) **About MathPlayer** - Displays product information such as the MathPlayer Home Page, MathPlayer version, copyright date and contributors.

Updated 7/28/2010

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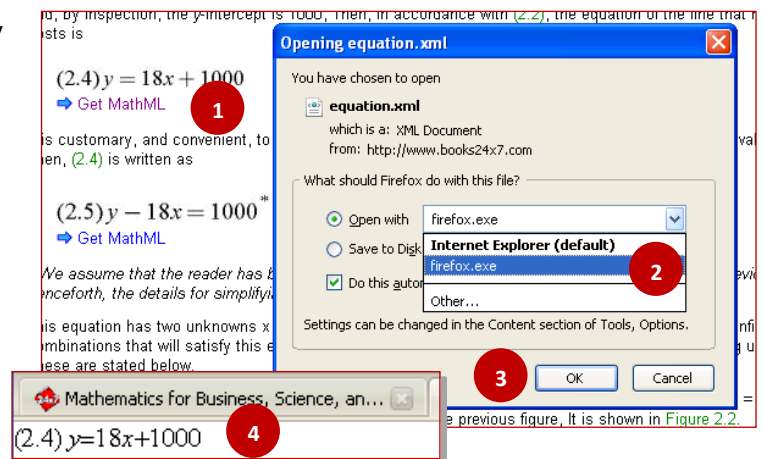
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3. To begin transferring an equation, right-click on the equation and select "Copy MathML".

4. Next, move over to your MathML-compliant application and paste the equation into the window using either the Ctrl+V shortcut or the application's Paste option.

5. You can now edit the equation easily by adding or deleting characters as needed.

Getting Started for Firefox Users

1. Start transferring an equation immediately by clicking on the "Get MathML" link beside the equation of interest.

2. In the window that opens, select "firefox.exe" from the pull-down menu or search for firefox.exe using "Other…".

3. Click OK.

4. A new window will open with the equation. Copy the equation by highlighting it within the window and using the shortcut Ctrl+C. Or, choose 'Select All' from the Edit menu and then Copy from the Edit menu.

5. Next, paste the equation into a MathML-compliant application using the shortcut Ctrl+V or the application's Paste option. Now delete, add characters and perform computations as needed quickly and easily!

Deleted '**(2.4) y =**' and assigned a value of 10 to x.