

Let us fight # COVID-19

Creating Assignments and Documents using MathType

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MathType

- **MathType** is software provided by Design Science that offers a palette for adding mathematical annotations to documents.
- The software comes with a standalone formula editor as well as an add-on to the most common word processing software.
- Microsoft Word, Apple Pages, OpenOffice and Google Docs are supported.

MathType



- MathType is currently a free add-in that can be utilized in Microsoft Word, Excel and PowerPoint.
- While MS Word provides some math creation tools built in, MathType is the preferred method as it offers greater accessibility.

MathType works with...
Equations Everywhere
and Anywhere.....

MathType Desktop works with
many Windows applications-
These include word processing,
presentation, email, calculation,
e-learning products and more.

MathType is a graphical editor for mathematical equations which allows entry with the mouse or keyboard in graphical WYSIWYG environment.

This contrasts to document markup languages such as LaTeX where equations are entered as markup in a text editor and then processed into a typeset document as a separate step.

MathType also supports the math markup languages [LaTeX](#) and [MathML](#). LaTeX can be entered directly into MathType and MathType equations in Microsoft Word can be converted to and from LaTeX.

On Windows 7 and later, equations may be drawn using a touch screen or pen (or mouse) via the [math input panel](#).

MathType

- MathType is an interactive equation editor that helps in creating mathematical notations for word processing, web pages, desktop publishing, presentations, e-learning, and for TeX, LaTeX, and MathML documents.
- en.freedownloadmanager.org/windows-pc/mathtype.html

The software library provides a free download of MathType 7.4.4.516.

This software was originally produced by Design Science Inc.

The most recent installer that can be downloaded is 40.9 MB in size.

The following versions: 6.9, 6.8 and 6.7 are the most frequently downloaded ones by the program users.

The program's installer files are generally known as MathType.exe, install.exe, Icon156ABA10.exe, MTW6.7a.exe or MTW6.exe etc.

Common applications where MathType can be used

MathType Desktop can be used in some of the most popular applications and websites

- Microsoft Office (Word, PowerPoint, Excel)
- Maple
- Adobe InDesign
- Apple Pages, Keynote and Numbers
- Duxbury Braille Translator (DBT)

Common applications where MathType can be used (Contd ...)

- MathJax
- WordPress
- WPS Writer/Keynote Writer
- iBooks Author
- Gmail
- LibreOffice/OpenOffice

Advantages of MathType

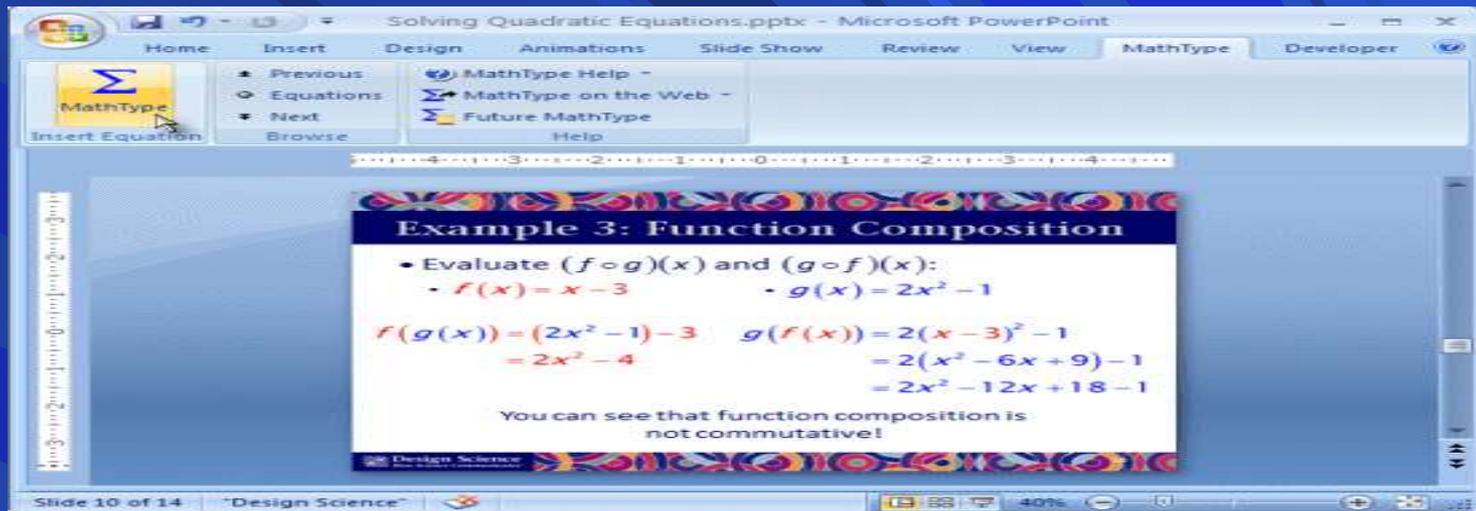
- This PC software is developed to work on older versions like Windows XP, Windows Vista, Windows 7 and new versions like Windows 8 or Windows 10 and on higher versions.
- It can earlier even function on 32-bit systems.
- Some of the tool aliases include "MathType6.7", "MathType6" etc. The latest version is "MathType 7.4.4.516 ". The program is included in Office Tools.

- **Supports Microsoft Office 2013 and Office 365:**

MathType is fully compatible with Office 2013 and Office 365 installed on Windows 7 and 8 computers.

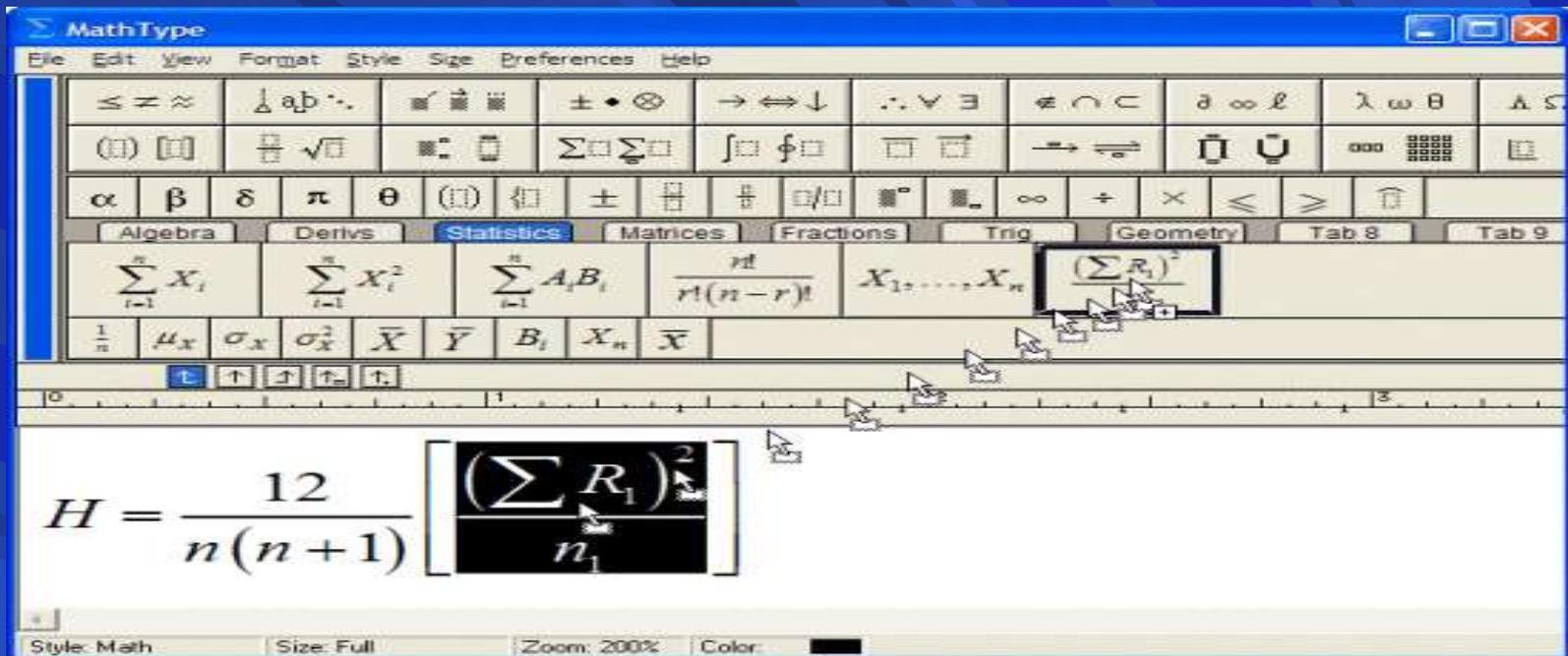
- **Office 2010, 2007, 2003, and XP:**

MathType is fully compatible.



■ MathType Toolbar and Menu in Word and PowerPoint:

MathType adds a toolbar and menu to Microsoft Word and PowerPoint enabling quick access to its features and powerful commands.



■ Save Expressions in the Toolbar:

One can easily Drag frequently used equations and expressions to the MathType toolbar so they can be inserted later on with a keystroke or a click.

■ Copy-and-Paste:

In case you created your equation in another application or you found one on a website, no need to create it again by hand.

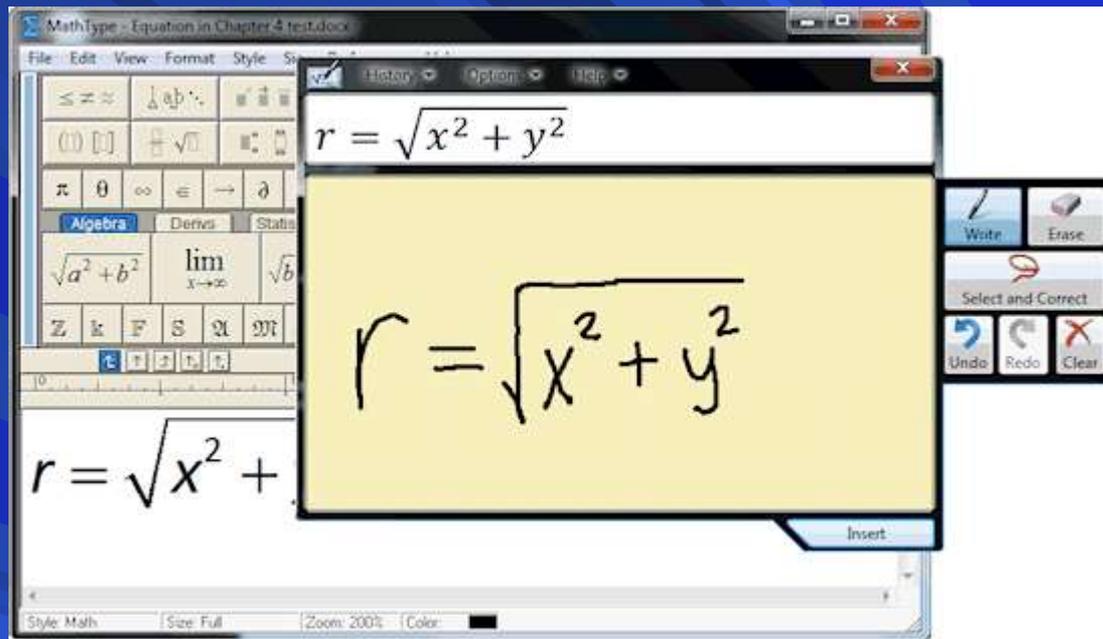
Simply copy-and-paste it directly into MathType, and it's ready to edit or use .

■ Copy as MathML or LaTeX:

Complex mathematical equations can be entered easily in MathType and then copied to the clipboard as LaTeX or MathML to be pasted into applications and websites that use those languages.

■ Paste MathML or LaTeX into MathType:

Many websites contain equations expressed in LaTeX or MathML and can be pasted directly into MathType for use in your own work or to convert them to a different format (eg, LaTeX to MathML)



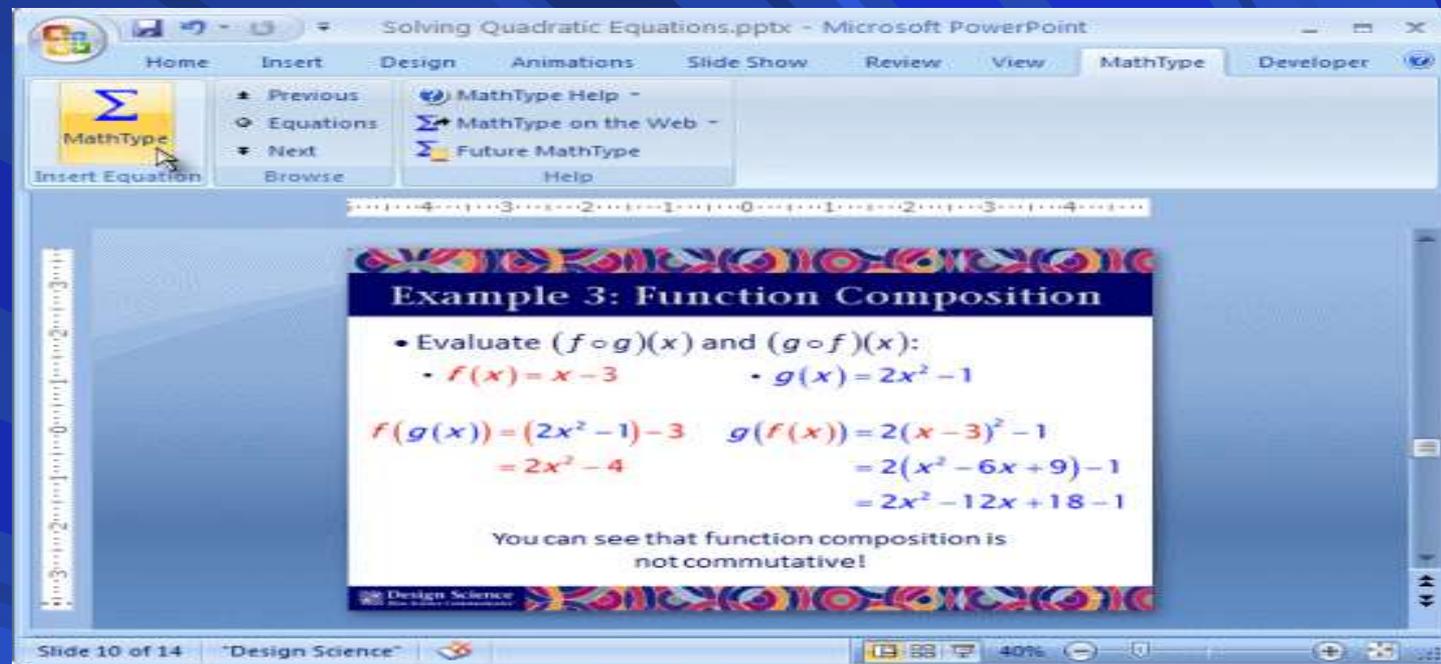
■ Entering Math by Hand:

Enter equations as easily as you would write math with paper and pencil! This feature uses the built-in handwriting recognition in Windows 7.



■ Search Symbols:

One can explore the available symbols and insert the required symbol with just a click or keystroke with the help of MathType's Insert Symbol dialog.



■ Colour:

Can use different colours to highlight part of an equation and focus attention on just the portions one wants.

Show what changed in each step of a multi-step procedure and make those equations really come to life.

■ Fonts :

MathType has hundreds more symbols and templates than Equation Editor.

- Besides exclusive Euclid math fonts, you can also make use of the 1000s of math symbols in fonts already on your computer, as well as other math fonts you can download from the Internet.
- Click on Style and select Define.... And set the required font

■ Size :

■ Click on Size and select Define.... And set the required size.

Keyboard Shortcuts:

MathType has customizable keyboard shortcuts for virtually every symbol, template and command.

Save time using keyboard shortcuts.

e.g. Ctrl+F for Fractions

Ctrl+L for Subscript,

Ctrl+H for Superscript

Features of MathType

- This ICT Tool makes it easy to create Mathematical Formulas, Equations and notations.
- User friendly.
- Easy to understand , learn and there is lot more to explore...

References

- <https://fi.wikipedia.org/wiki/MathType>
- en.freedownloadmanager.org/windows-pc/mathtype.html
- <https://www.adeptscience.de/products/mathsim/mathtype/mathtype-fuer-windows.html>
- <https://www.dessci.com/en/dl/MathType5WinManual.pdf>

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Thank you