



## Quick Start Guide

This quick start guide covers the basic features of Brain Power Math Paper Authoring Tool.

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### How it Works

You create an assignment using the Authoring Tool then distribute it to your students. They attempt the assignment using the Student Tool.

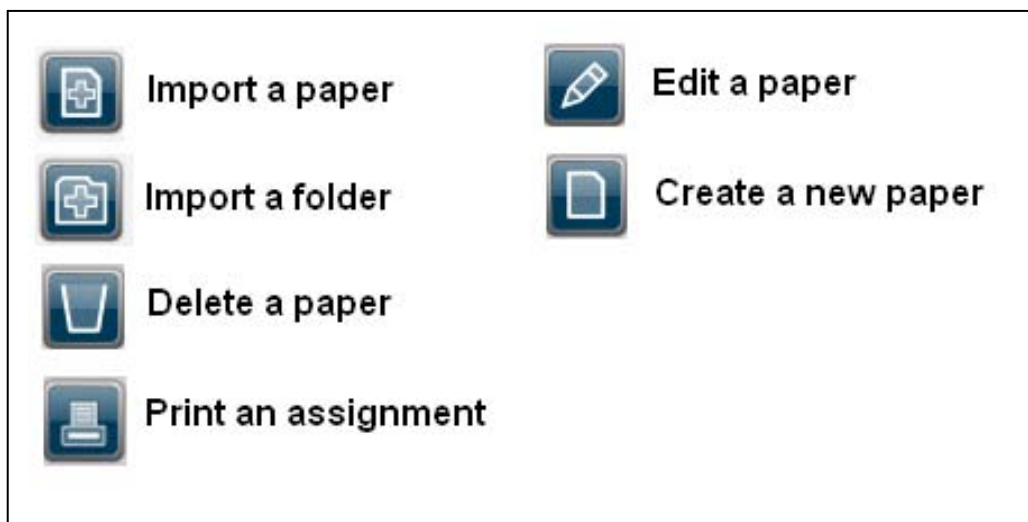
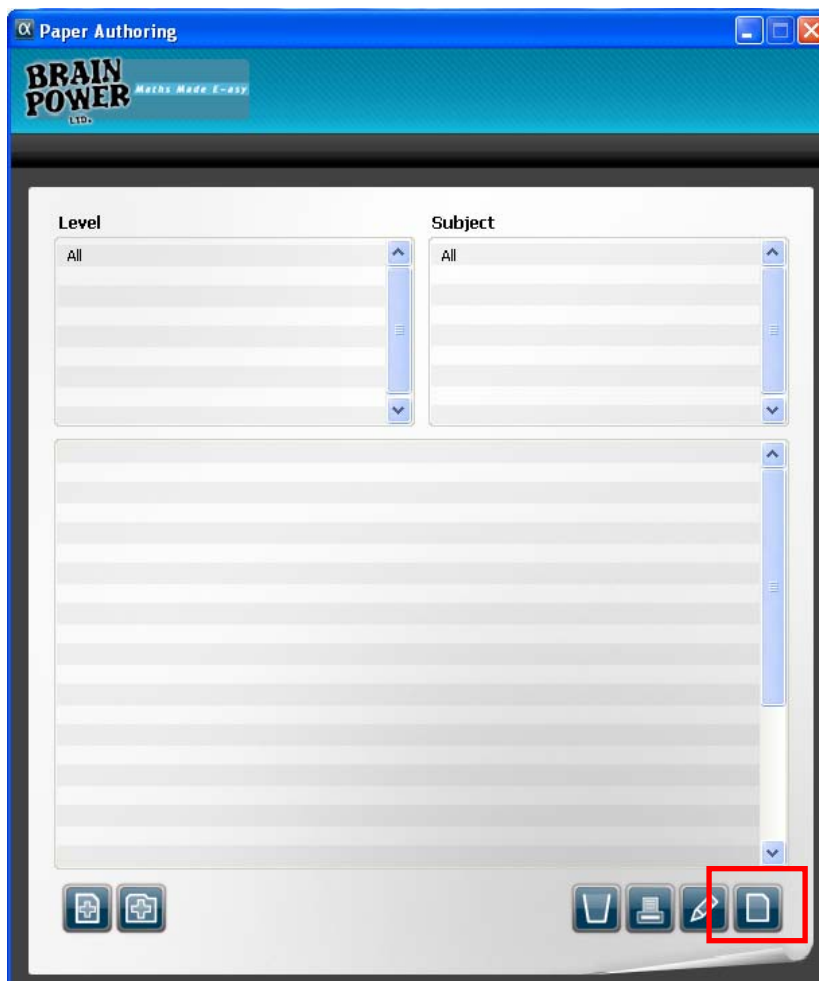
Install the software using the standard installation process.  
(MAC OSX users: once installed, the program will appear in your Applications folder)

When you open Brain Power Math Paper Authoring tool you will see the page shown below. The hints and tips in this quick-start guide will help you get up and running with the software as quickly as possible.

**REMINDER: KEEP SAVING YOUR WORK**

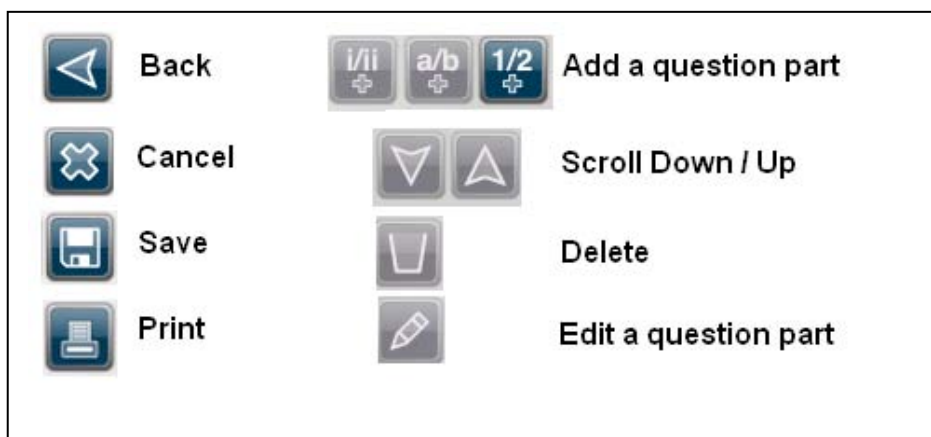
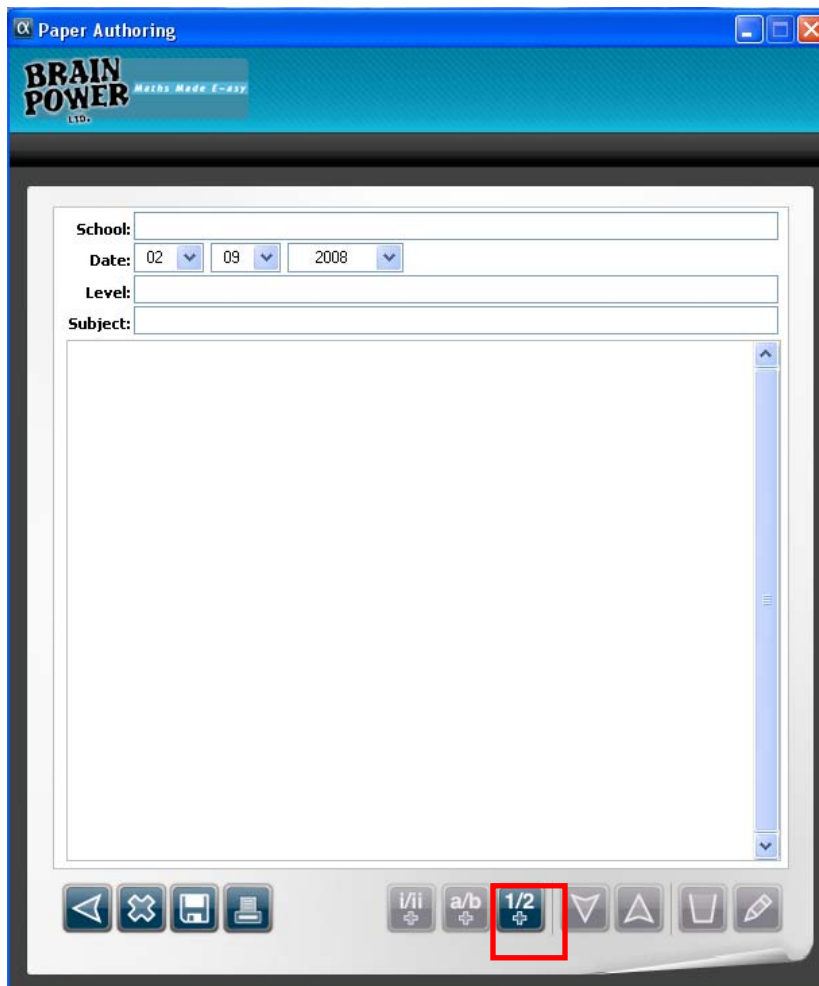
## How to Create an Assignment

Click the “Create new paper” button highlighted in red below.



## How to enter the Assignment Details

1) Fill in the boxes and then click the red highlighted button to create a question.



2) Input the question by using the math symbol drop down menus show below. You can also import graphs and diagrams (JPEG, GIF and PNG). Here you must edit the toolbar that your students will use when answering the question.

The screenshot shows the 'Paper Authoring' window for BRAIN POWER LTD. The interface includes a menu bar with 'Numbers', 'Alphabet', 'Greek', 'Operators', 'Symbols', 'Common', and 'Whiteboard'. The main area is titled 'Add Question 1' and contains a 'Question:' text box. Below this are fields for 'Marks:', 'Image:', and 'Symbols:'. The 'Image:' field has a 'Browse' button, and the 'Symbols:' field has an 'Edit List' button. At the bottom, there is a toolbar with buttons for indenting and un-indenting text, a text input field with a math symbol dropdown, and a 'Single character input' checkbox. Five yellow callout boxes provide additional information: one points to the 'Question:' field, another to the 'Browse' button, a third to the 'Edit List' button, a fourth to the indent/un-indent buttons, and a fifth to the text/math input controls.

**Drop down menus containing the math symbols you can input**

**Browse hard drive for graphs and diagrams to attach.**

**Edit a math symbol input toolbar for the Student Tool. (See. Edit Math Input Bar section)**

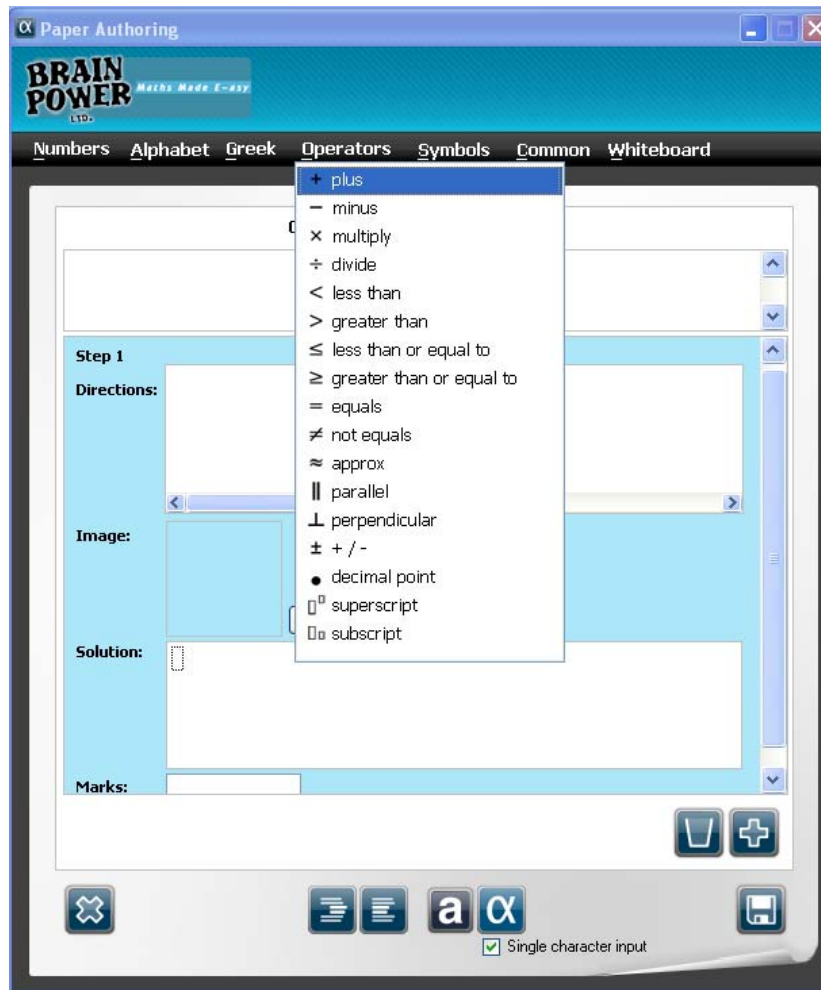
**Indent / un-indent buttons**

**Text / math input controls**

## Entering Math Symbols the Drop-Down Menus

Use the drop-down menus at the top of the application to insert various math symbols into your assignment. The drop-down menus are sorted into categories.

Note: The math symbol drop-down menus are only available when “Math Mode” is selected on the Input Control.



## ***IMPORTANT: Using the Input Controls***

Enter the text you want:

**Add Question 1**

**Question:**

**Make shure that Text is selected in the Input Control  
It should look like this:**

aα  
 Single character input

After you have entered your first line of text move to another line and select the indent button:



Select the Math button on the input control and use the drop down menus at the top to input the math symbols you want.

**Add Question 1**

**Question:**

**Make sure the Math button is selected in the Input Control  
it should look like this:**

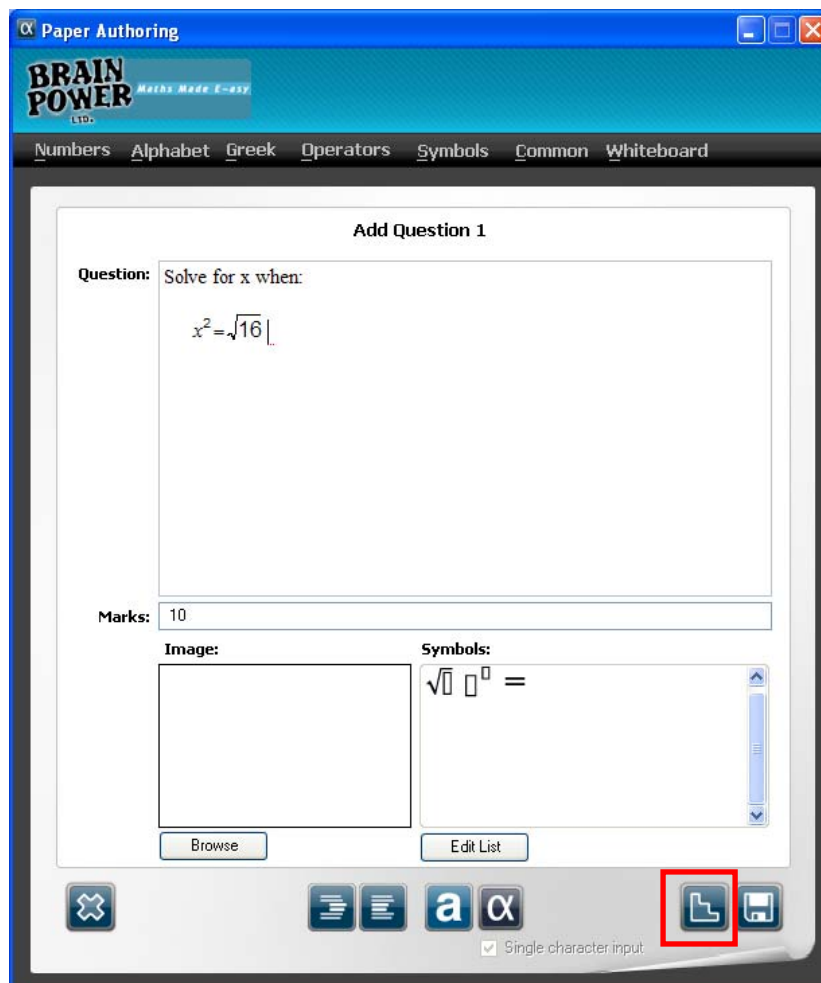
aα  
 Single character input

**IMPORTANT:** When entering math symbols you must put the focus on the character you want the symbol to affect by highlighting it in red. To do this, use the keyboard arrow keys.



## Entering the correct solution and giving directions on each step.

1) Once you have entered the marks for the question and edited the student toolbar click the “Create Solution” button highlighted below in red.



2) Simply enter the directions you want to give your students then enter the correct solution that your students must enter in the student tool.

Enter any formula (if required) that you wish your students to see in the Directions box.

The screenshot shows the 'Paper Authoring' software interface. The main window is titled 'Create Solution Steps - 1'. It contains the following elements:

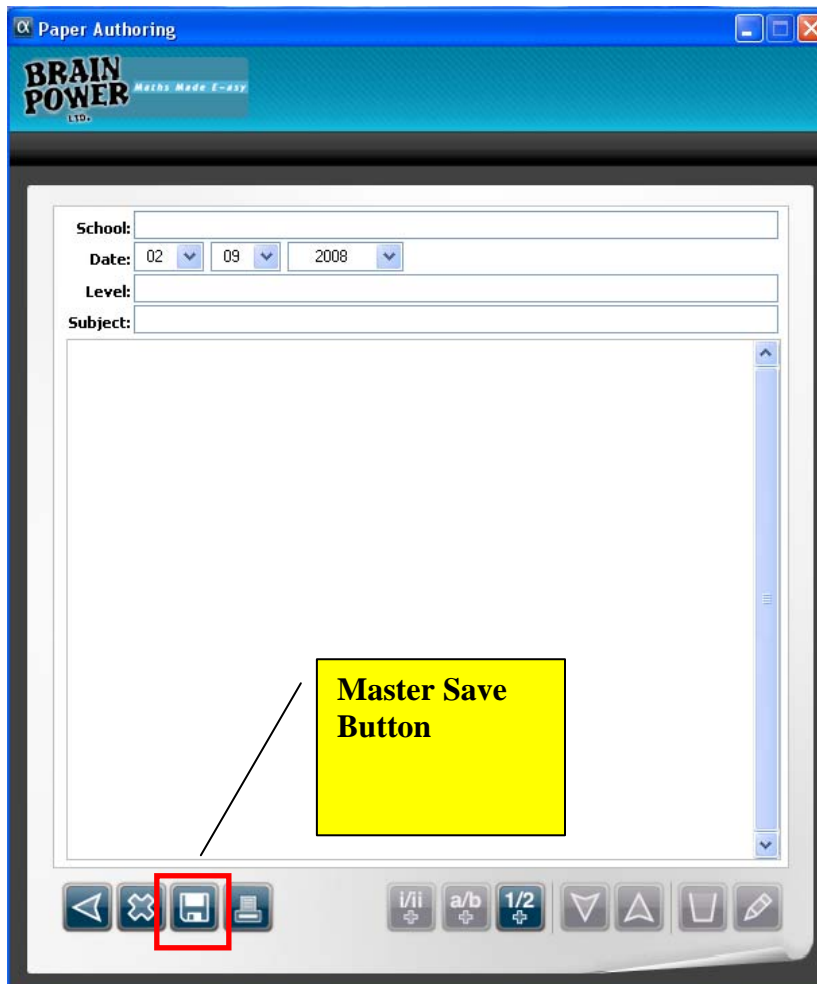
- Problem Statement:** 'Solve for x when:  $x^2 = -\sqrt{16}$ '
- Step 1:**
  - Directions:** 'Simplify  $\sqrt{16}$  on the right side'
  - Image:** A field with a 'browse' button.
  - Solution:** ' $x^2 = 4$ '
  - Marks:** '3'
- Buttons:** A red box highlights the 'Add a Step' button (a plus sign icon) in the bottom right corner of the window.

A yellow callout box with an arrow points to the 'Add a Step' button, containing the text "Add a Step" Button.

Use the "Add a Step" button to enter more steps to the solution. Continue this process until the solution is complete.

## Saving/Publishing a completed assignment

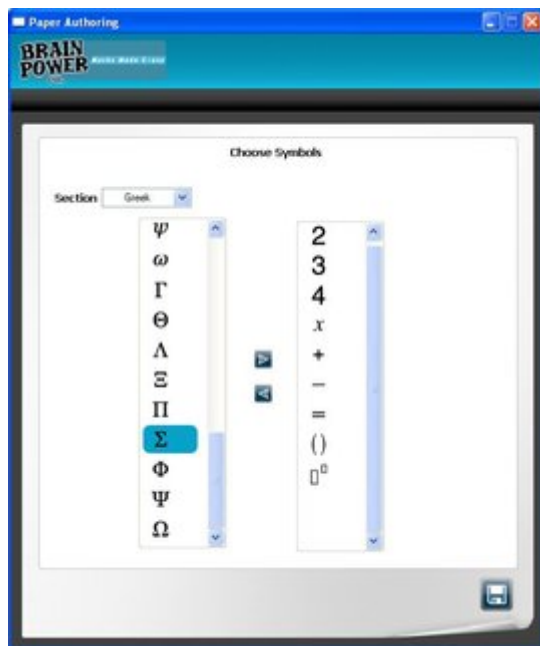
To save a completed assignment you must save each step and then save the master file from the “Details” screen



## Editing the Student Math Symbol Input Bar

Click the “Edit List” button (shown in step 2 of the “How to Enter Assignment Details” section Page )

Simply add or remove the appropriate symbols from your students' input bar. The symbols that will appear on your students' input bar appear on the right.



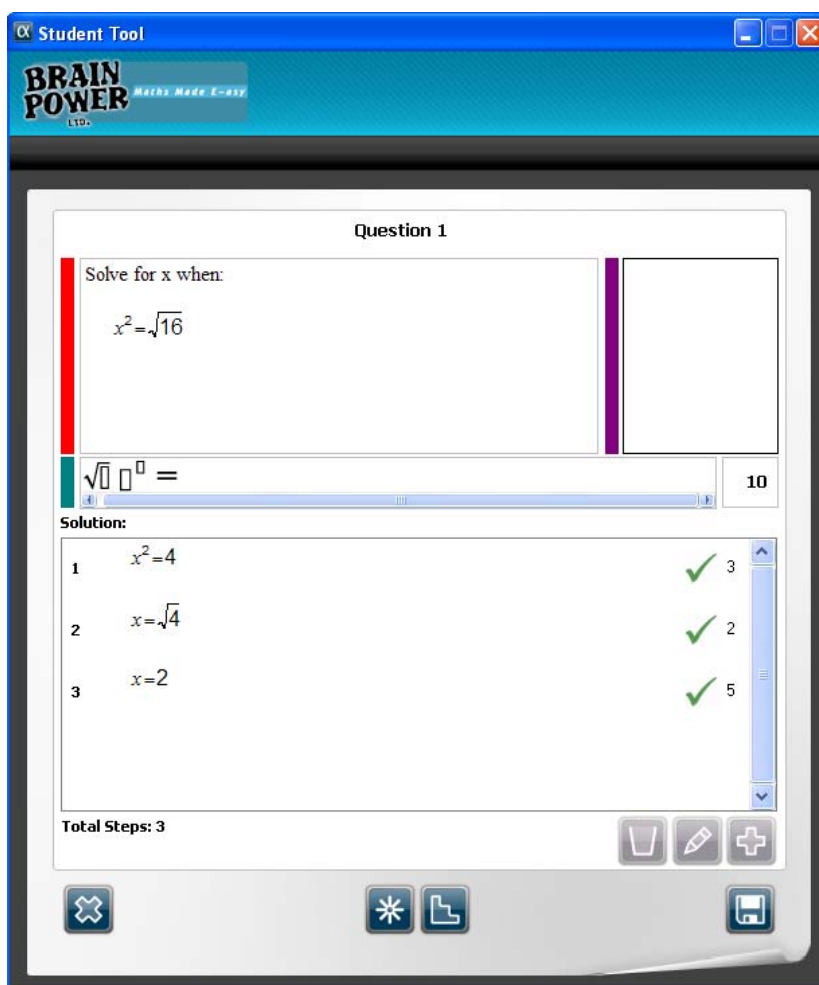
When you are happy with the input bar you have created click the save icon to save the data. The input bar you have created will now appear in the published module.

## The Student Tool

Your students can download the Student Tool from the student section of [www.brainpowermath.com](http://www.brainpowermath.com).

<http://www.brainpowermath.com/student.html>

Your students upload and attempt the assignment you have created for them using the Brain Power Math Student Tool.



Check out the Brain Power Math Blog for updates and more detailed information on the Software.

<http://www.brainpowermath.com/blog.html>