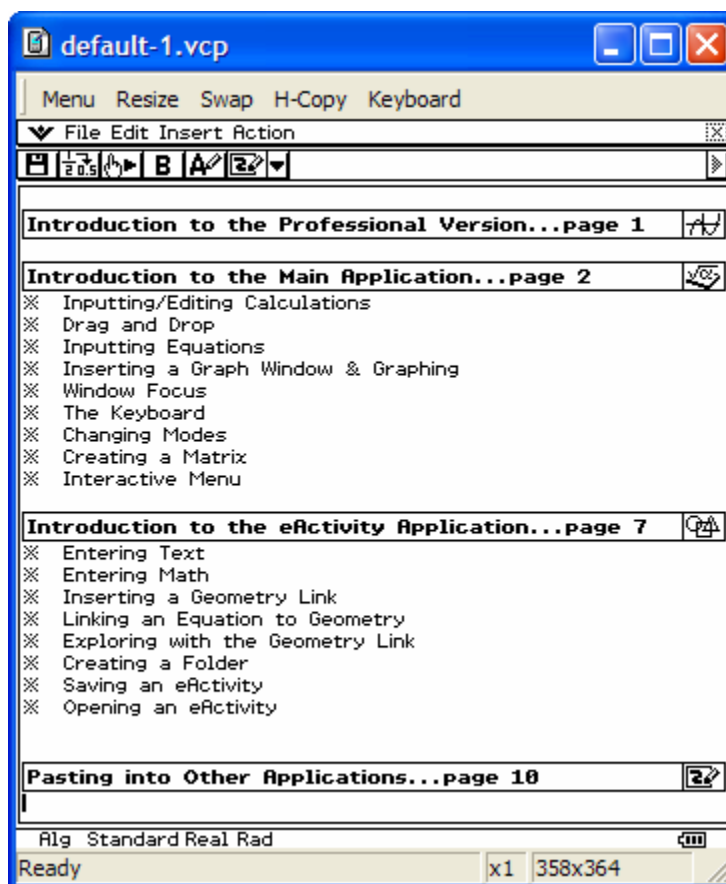
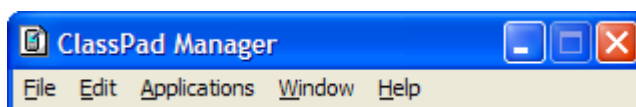
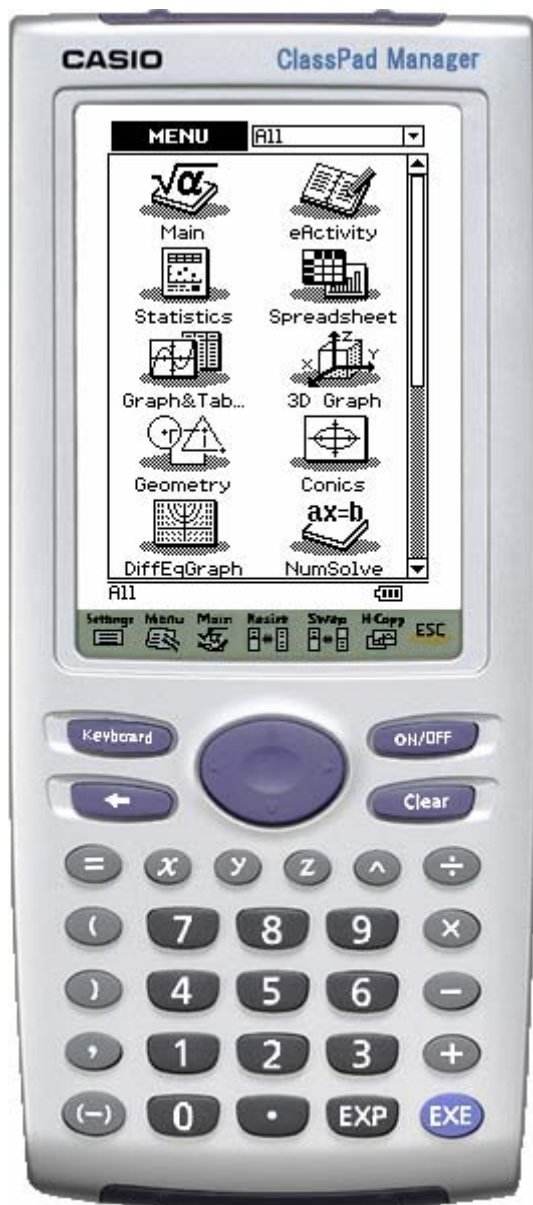


# Learning the ClassPad Basics

Simple steps to help you get started using the ClassPad 300

## Casio ClassPad 300 and Software Version 3

Designed for the Classroom and Distance Learning



For more information, please visit:  
<http://classpad.net>  
[www.classpad.org](http://www.classpad.org)  
[www.casio.com](http://www.casio.com)

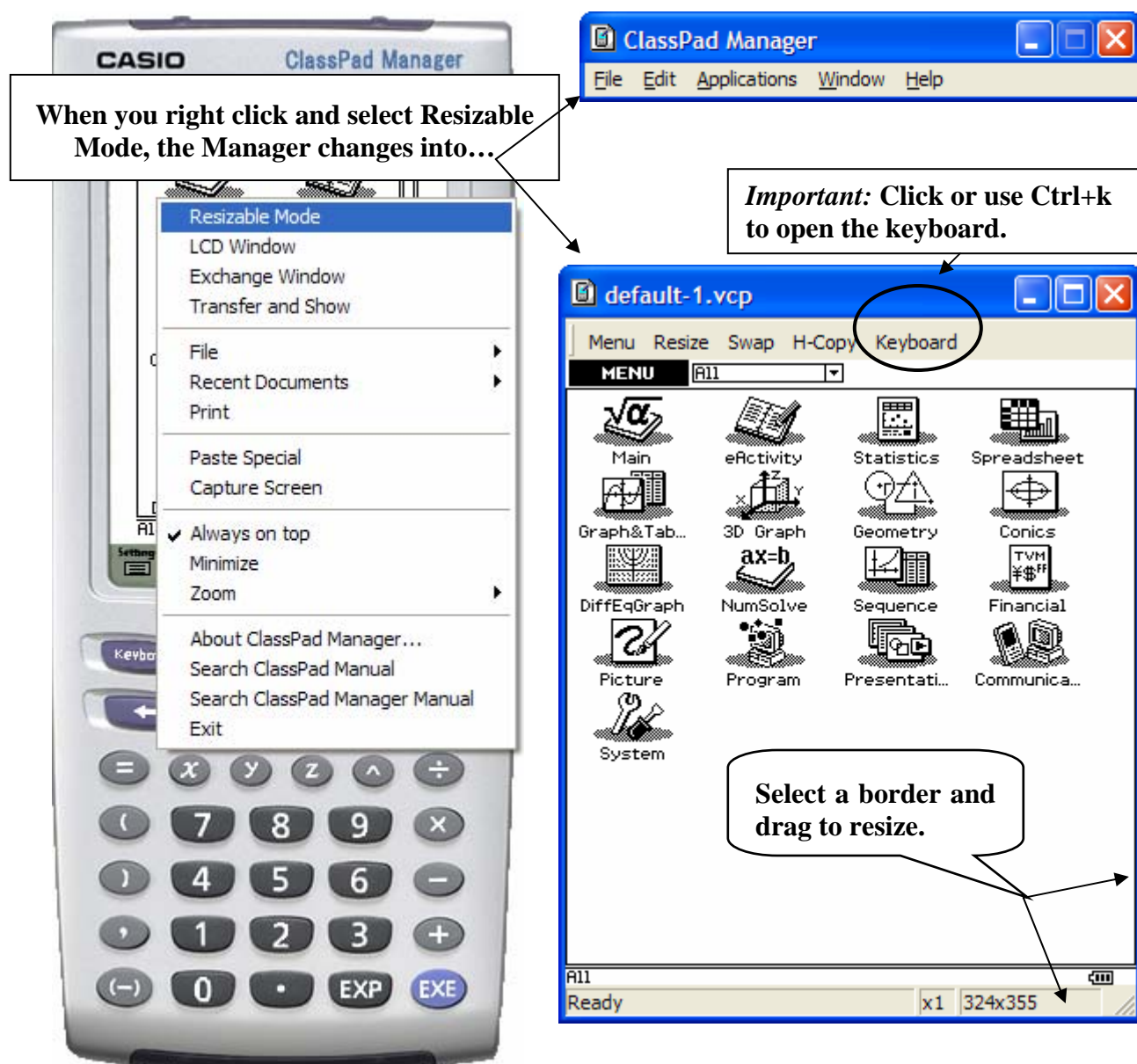


## Introduction to the *Professional* Version

The Casio ClassPad Manager *Professional* Version 3 Software can be used in fixed (emulator) size or in a resizable mode. The floating toolbar contains additional features only available in the Professional version. The basic version is mathematically equivalent, but cannot be resized and does not have a floating toolbar.



This document is designed to introduce you the basic skills need to get used to using the ClassPad. Most of the exercises can be done in the fixed or resizable mode, or on the ClassPad 300 handheld. Whichever mode you use, you will soon experience mathematics in a new way. Please drag, drop and enjoy many new discoveries in mathematics with the Casio ClassPad.

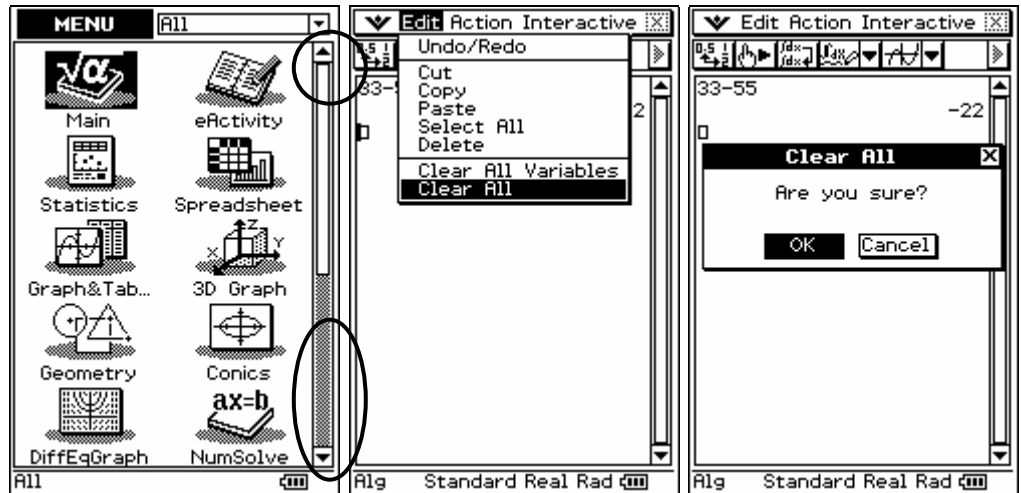
The fun begins on the next page, but please take a moment to learn how to change to resizable mode. To return to the fixed size from resizable, just right click and select Fixed-size Mode. Enjoy!



# Introduction to the Main Application



## Getting Started

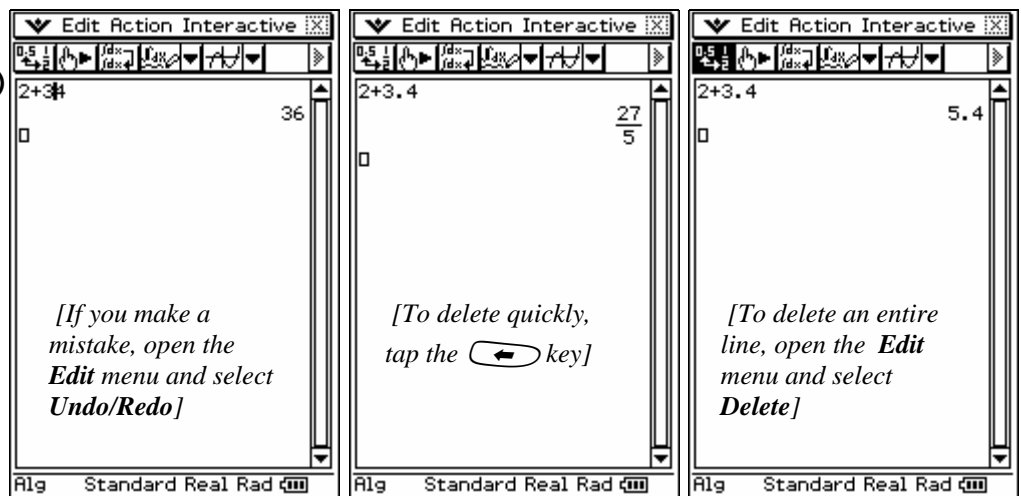
1. Click 
2. Scroll up, if needed
3. Click 
4. Open **Edit** menu
5. Select **Clear All**
6. Click **OK**



## I. Inputting/Editing Calculations


\*On the PC, press the Enter key when the instructions say press **EXE**.

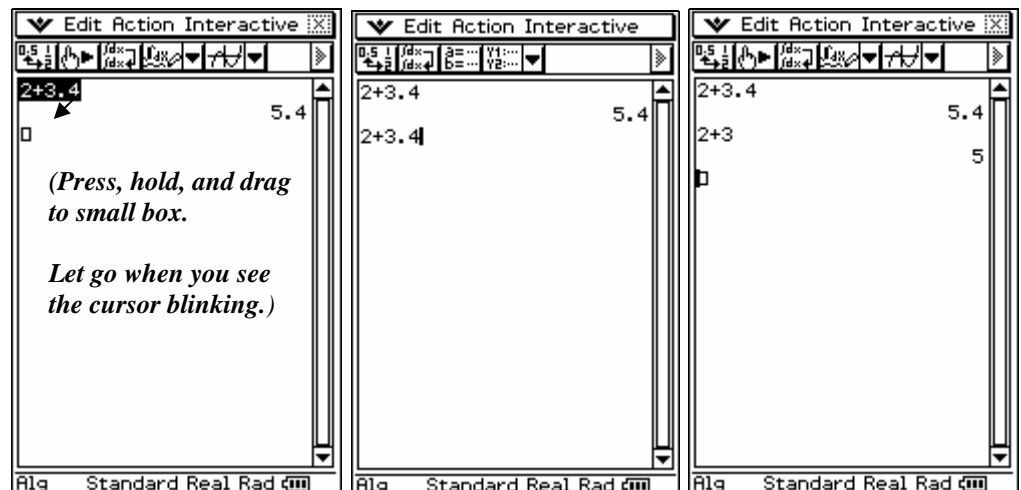
1. Input  $2+34$  and press **EXE**
2. Click between 3 and 4  
(You will see the cursor)
3. Type  $.$  or press  to change  $34$  to  $3.4$
4. Press **EXE**
5. Click following  $2+3.4$
6. Click 



\*On the PC, press the Backspace key when the instructions say press .

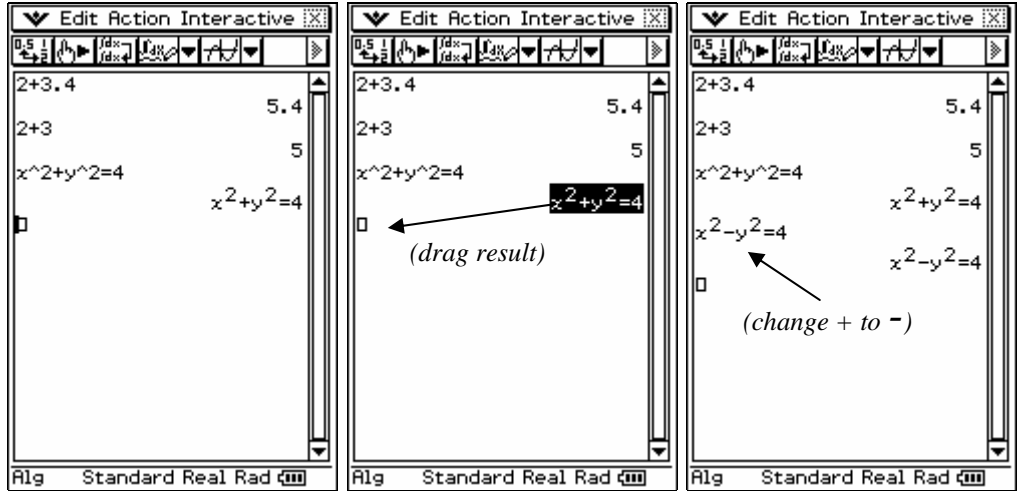
## II. Drag and Drop

1. Tap following  $2+3.4$
2. **Drag** to the left to select it
3. **Press on selection** and **drag** to next line
4. Press  twice
5. Press **EXE**



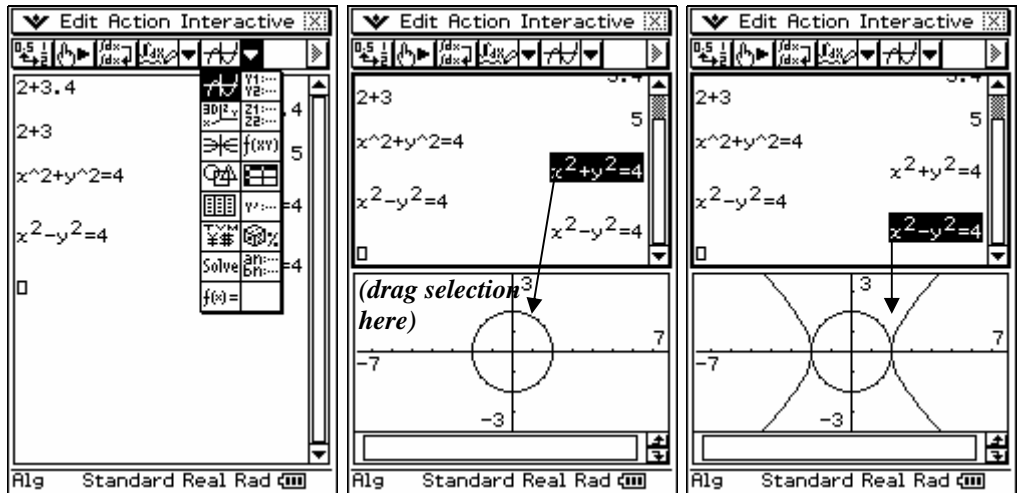
### III. Inputting Equations

1. **Input:**  $x^2 + y^2 = 4$
2. Press **(EXE)**
3. **Click on the result** to select it
4. **Drag** to the box in the next line
5. **Select the + sign** and press the - sign
6. Press **(EXE)**



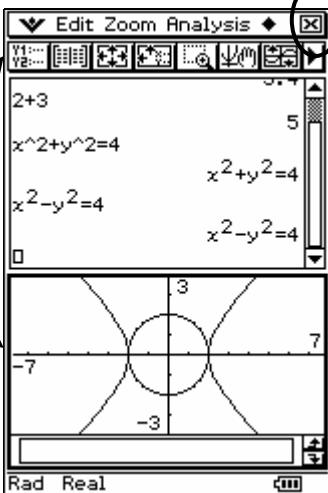
### IV. Inserting a Graph Window & Graphing

1. Click **[v]** and then **[f(x)]**
2. Click on  $x^2 + y^2 = 4$
3. Press on selection and drag to Graph window
4. Click on  $x^2 - y^2 = 4$
5. Press on selection and drag to Graph window



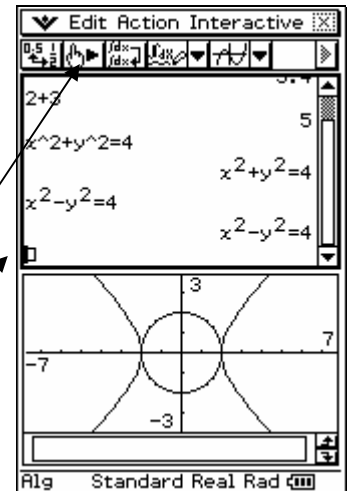
### V. Window Focus

1. Click inside the **Graph window**
2. Notice the **toolbar**
3. Notice the **border**





Use to close Graph Window.

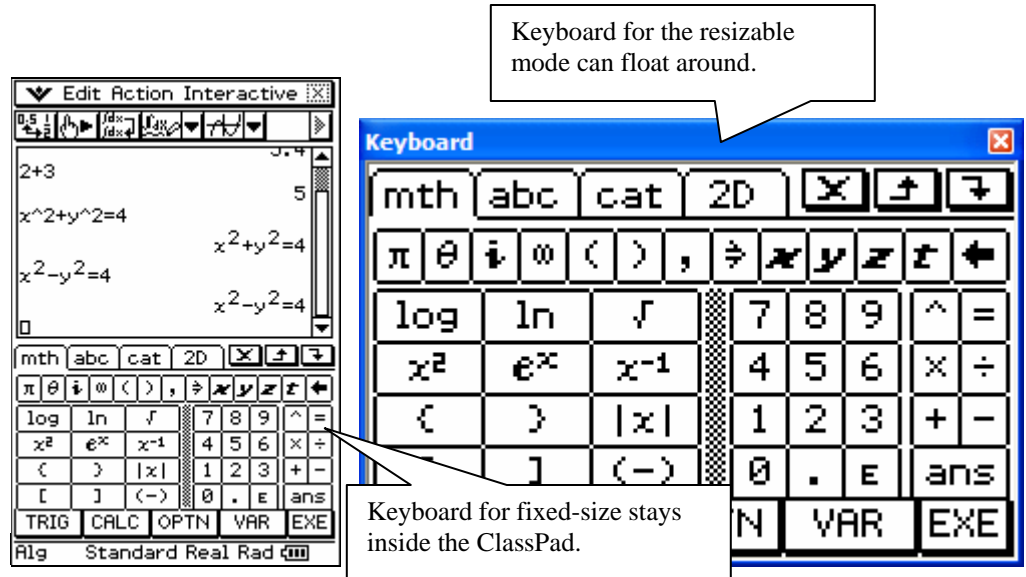
1. Click inside the **Main window** (the upper window)
2. Notice the **toolbar changed**
3. Notice the active window has a **bold border**









## VI. The Keyboard

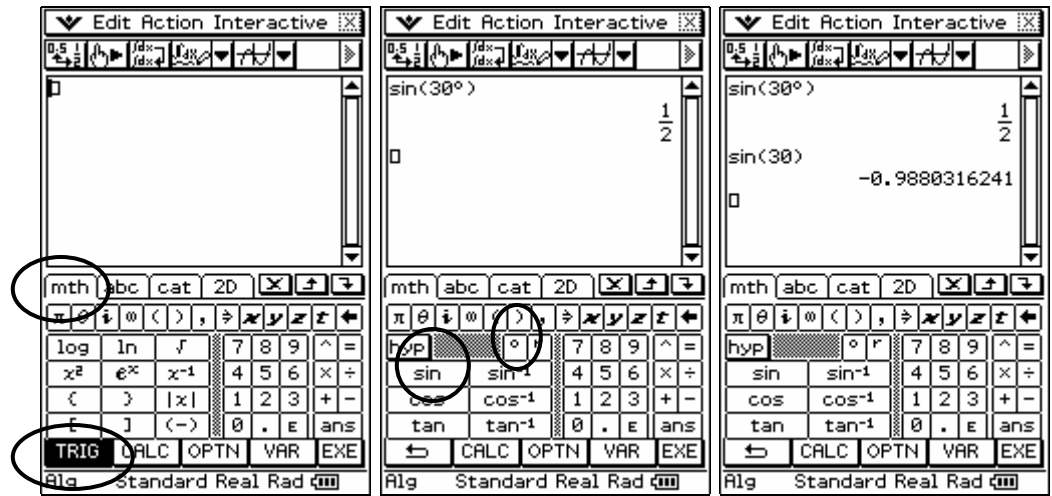
1. Click in the Graph Window to give it focus
2. Click its  button
3. Press  or press **Ctrl+k**

\*If you are in the resizable mode, you can move the keyboard around. Move it to a convenient location.




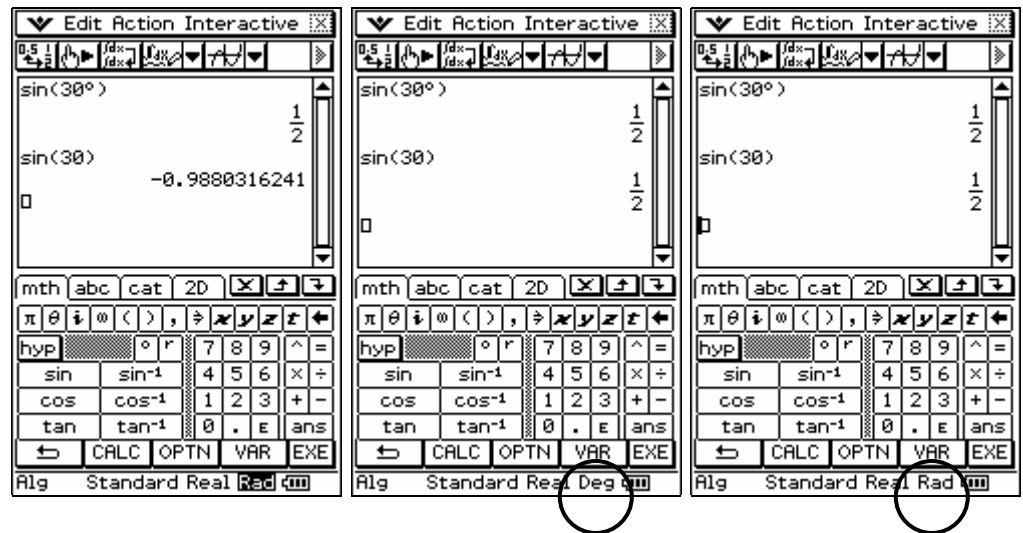
## The Keyboard Cont.

1. Open the **Edit** menu and select **Clear All**
2. Click the  tab
3. Click the  button
4. Input  (30 )
5. Press 
6. Type in **sin(30)**
7. Click the  button





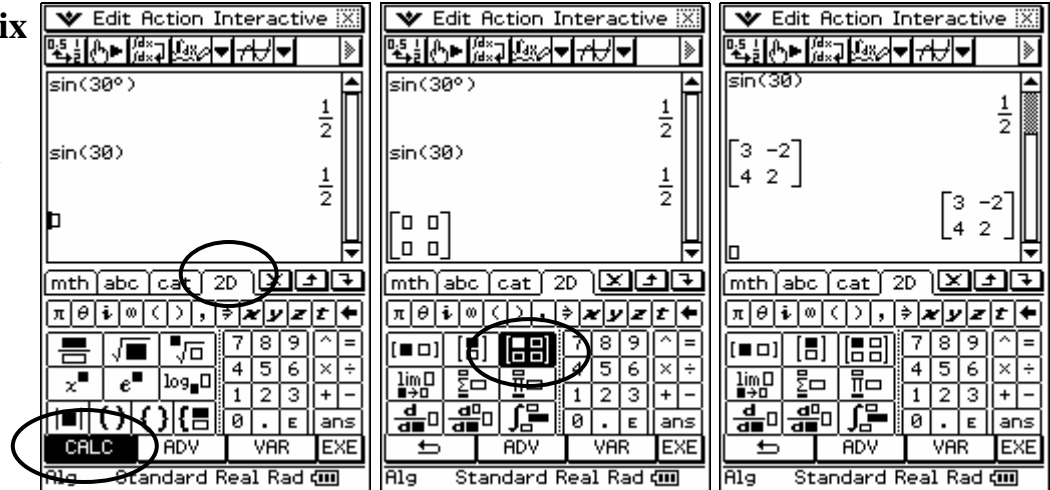
## VII. Changing Modes

1. Click **Rad** in the status bar to change to **Deg**
2. Click following **sin(30)**
3. Press 
4. Click the **Deg** spot **two times** to get back to **Rad**



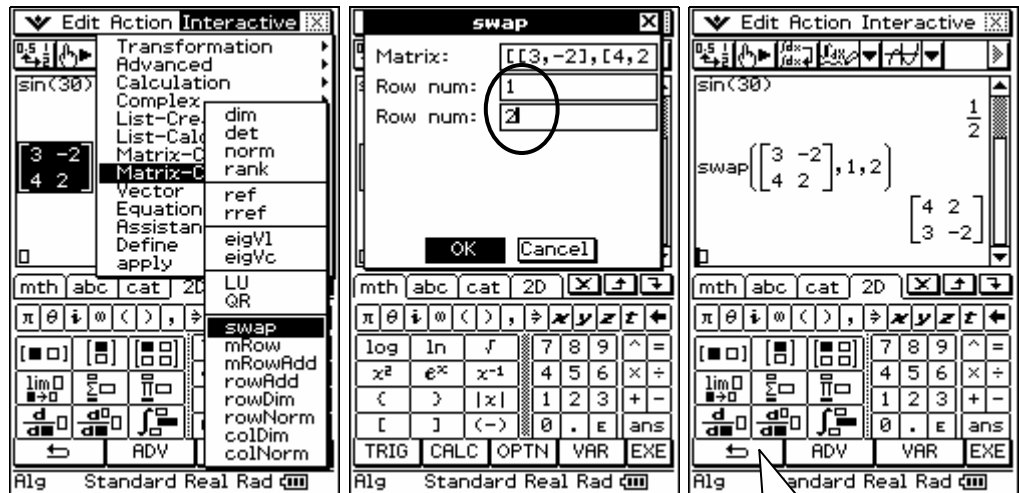
## VIII. Creating a Matrix

1. Click the **2D** tab
2. Click the **CALC** button
3. Click the  button
4. Input 3 into [1,1]
5. Input remaining data  
[Hint: Use  or the PC arrow keys]
6. Press **EXE**




## IX. Interactive Menu

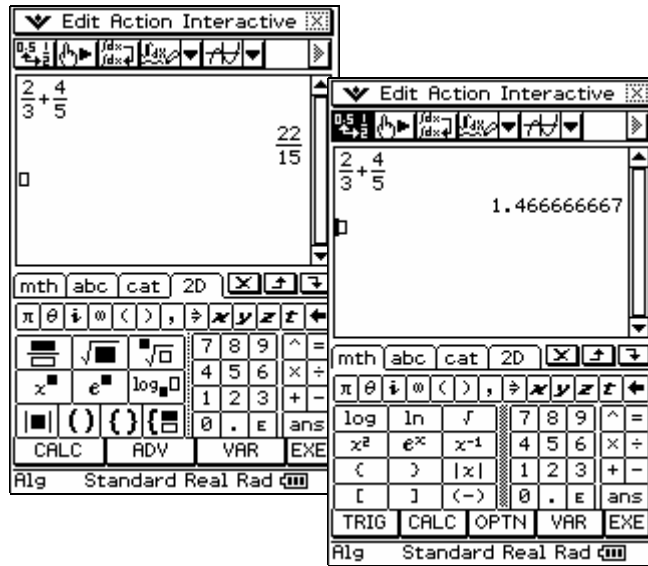
1. Select your matrix
2. Open the **Interactive menu**
3. Select **Matrix-Calculation / swap**
4. Input row #'s
5. Click **OK**





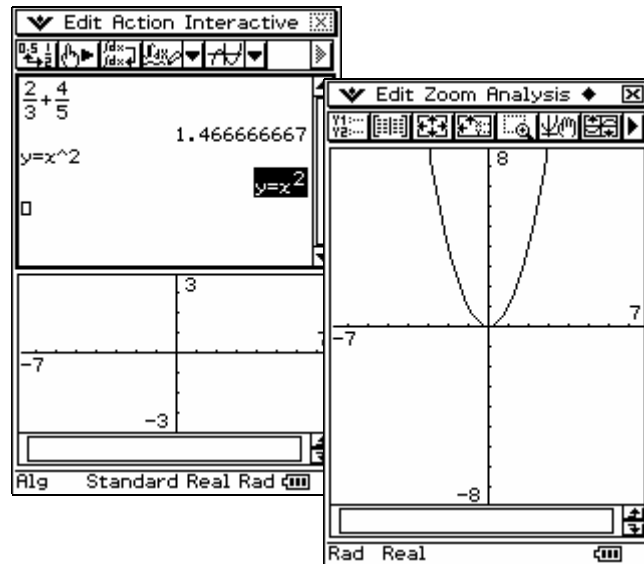
Click this to go back to find the 2D fraction.

## Sample Exercises

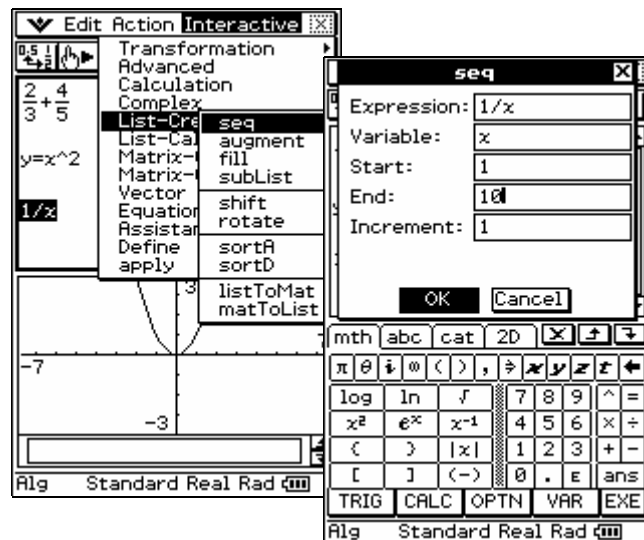
1. Using the 2D fraction ,
  - a. Evaluate  $2/3+4/5$
  - b. Change the result to a decimal



2. Graph  $y=x^2$ 
  - a. Input  $y=x^2$  and press EXE
  - b. Insert a Graph window and select Edit / Clear All if needed
  - c. Drag and drop
  - d. Click  and  again to go back





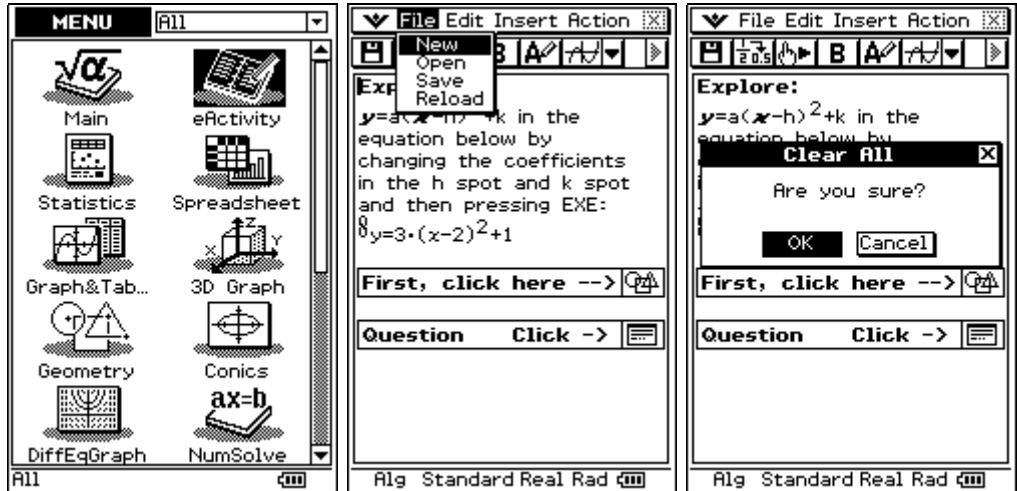
3. Create the sequence:  $\{1, 1/2, 1/3, \dots, 1/10\}$ 
  - a. Input  $1/x$  and select it
  - b. Open the Interactive menu and select List-Crete then Seq



# Introduction to the eActivity Application

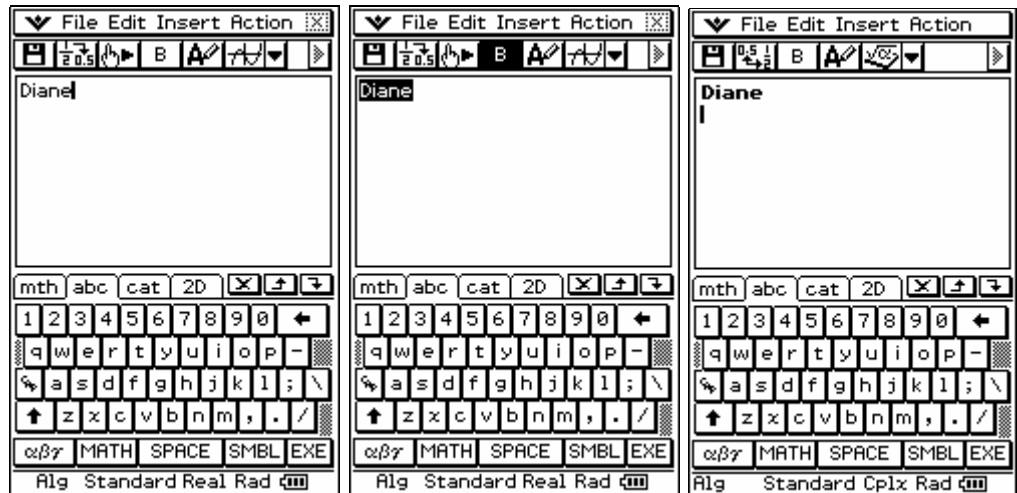
## Getting Started

1. Click 
2. Scroll up, if needed
3. Click 
4. Open **Edit** menu
5. Select **Clear All**
6. Click **OK**




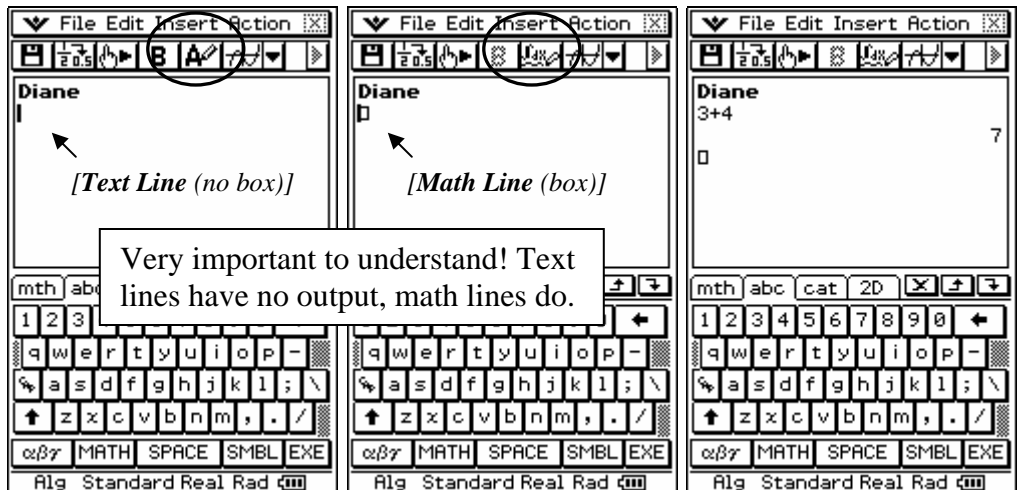
## I. Entering Text

1. Press **Keyboard** or type in from your PC keyboard
2. Type your name
3. Select your name
4. Click the **B** button on the toolbar
5. Click to deselect and then press **EXE**



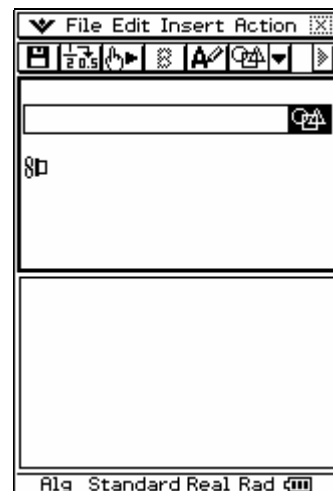
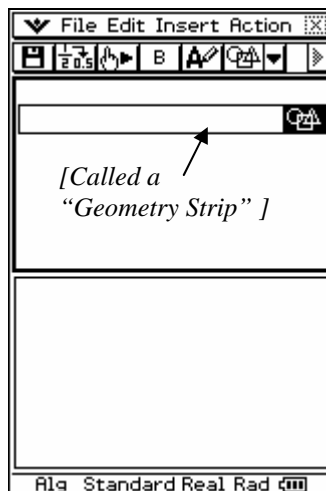
## II. Entering Math

1. Click the **A** button to toggle to math mode (.
2. The small box that appears indicates you are in math mode
3. Input 3 + 4
4. Press **EXE**




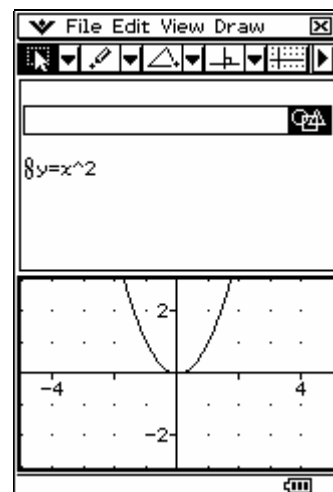
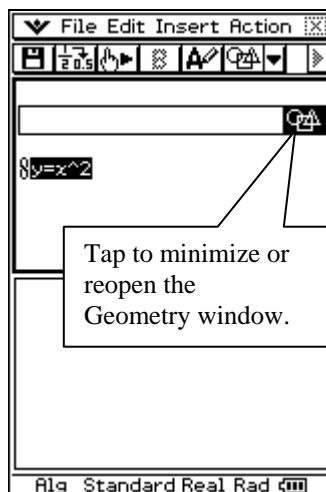
### III. Inserting a Geometry Link

1. Select **Edit** and then **Clear All**
2. Open the **Insert** menu and select **Strip** then **Geometry**
3. Click below the Geometry strip that you just inserted
4. Open the **Insert** menu and select **Geometry Link**




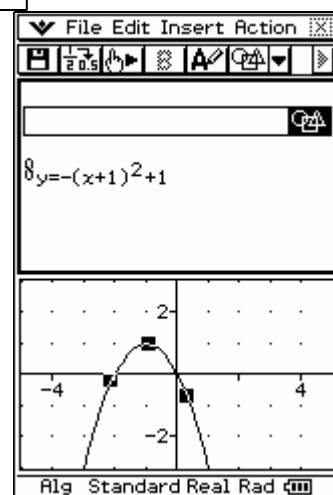
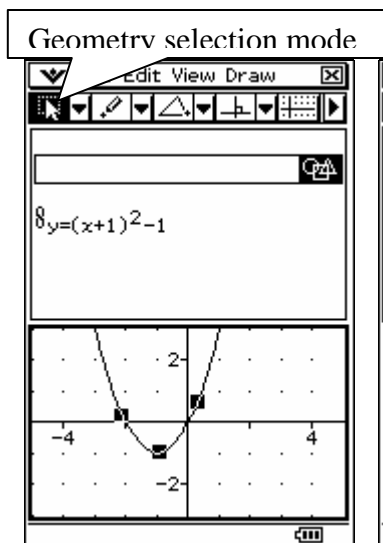
### IV. Linking an Equation to Geometry

1. Click in the box just following the link symbol
2. Input  $y = x^2$
3. Select  $y = x^2$
4. **Drag** the selection to the Geometry window
5. **Click**  **three times** to turn on the axis with numbers and Integer Grid




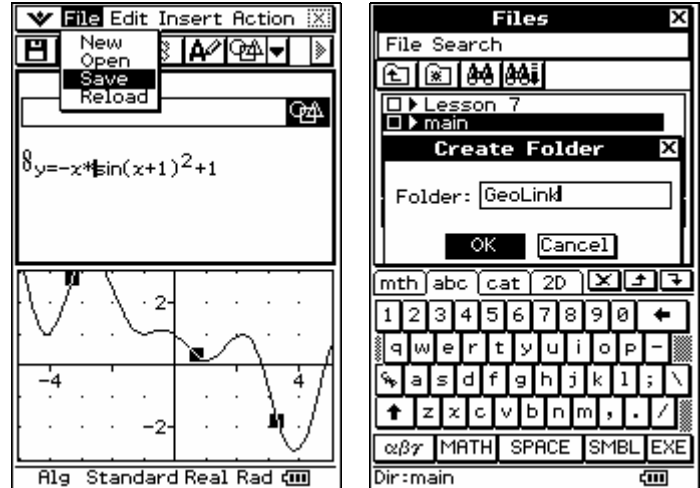
### V. Exploring with the Geometry Link

1. **Click** on the **graph** to select
2. Press on a handle (■) and **drag** to move your graph (notice the linked equation updated)
3. Click in the **eActivity window**
4. **Edit** your equation and press  (notice the graph updated)
5. Try linking other equations, such as  $y = \sin(x)$



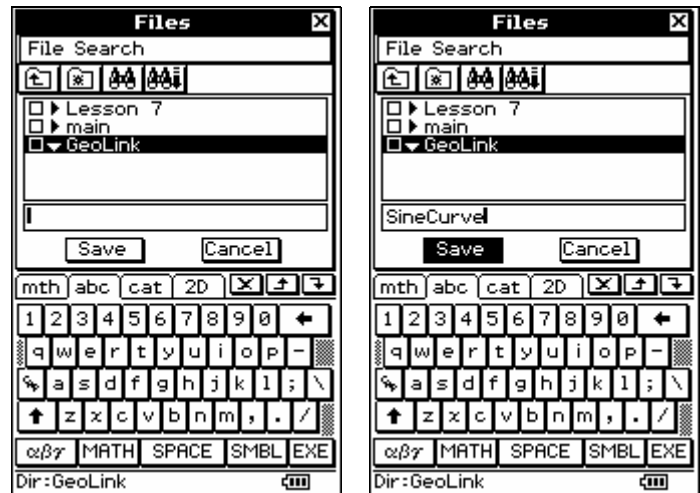
## VI. Creating a Folder

1. Click in the eActivity window
2. Open the **File** menu and select **Save**
3. Click  to create a new folder
4. Name your folder
5. Click **OK**




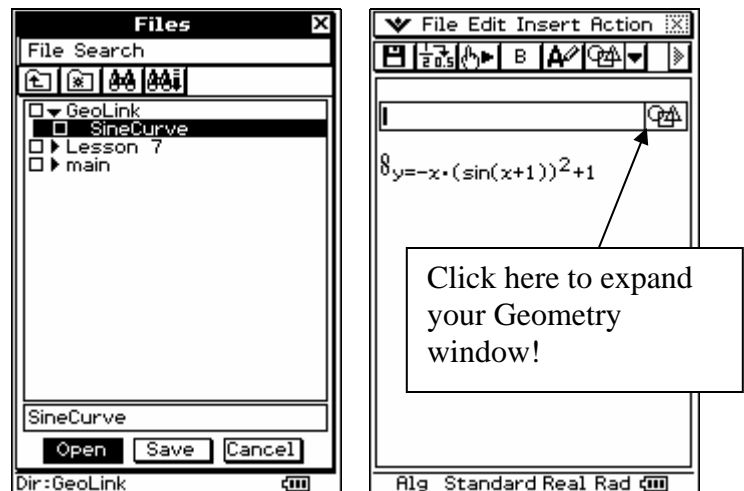
## VII. Saving an eActivity into your Folder

1. Click ► (just before your folder name) to expand your folder. It should now look like ▼
2. Click inside the **Edit** box and type in a file name for your eActivity
3. Click the **Save** button



## VIII. Opening an eActivity

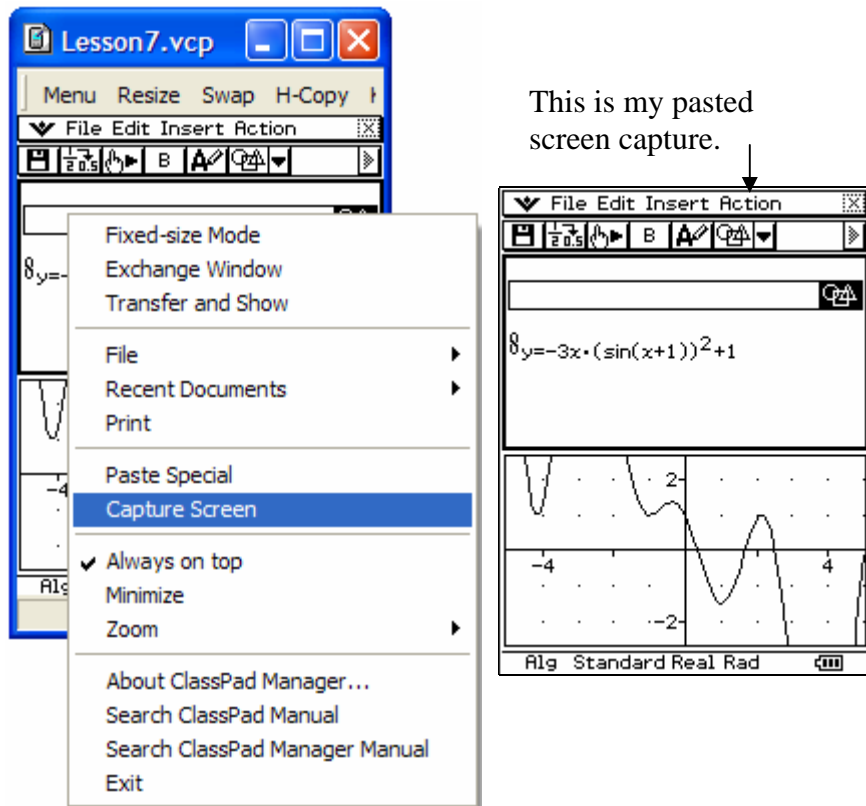
1. Open the **File** menu and select **New** to clear eActivity (Click **OK**)
2. Click  to quickly open the **Files** dialog
3. Click the arrow preceding your folder to expand the folder, if needed
4. Click on your **file name** to select it (notice it appears in the Edit box)
5. Click the **Open** button



## Pasting into Other Applications

### I. Getting a Screen Capture

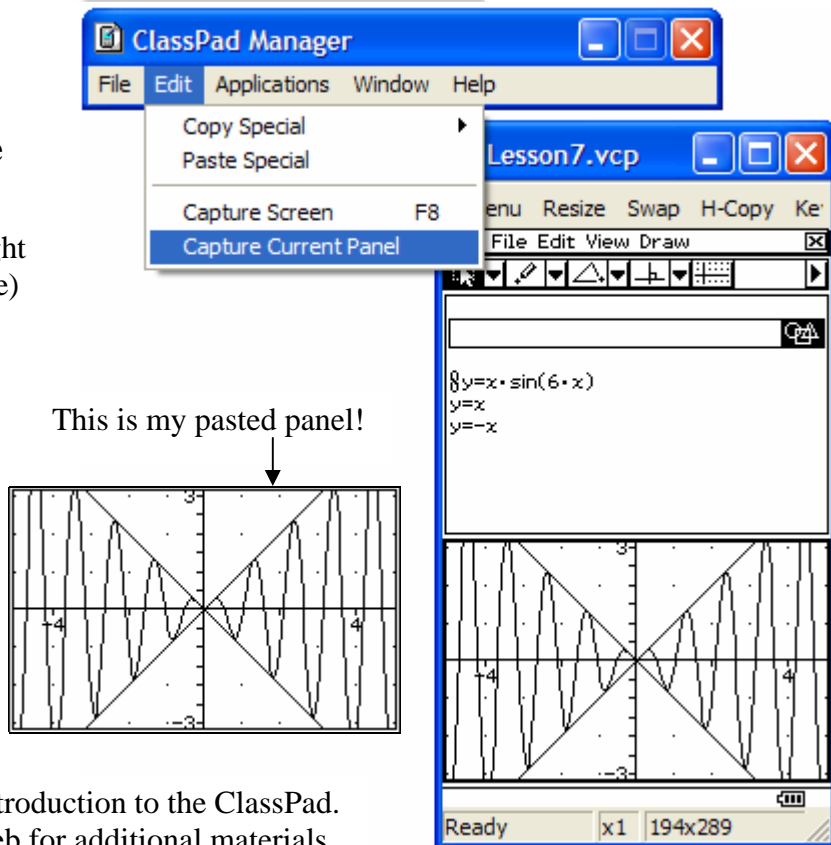
1. Open your eActivity or any application
2. Display something you like
3. Right click and select **Capture Screen**
4. OR, press your **F8** key
5. Open another document and paste (Ctrl+v)



### Professional Version Only

### II. Getting a Screen Capture of One Window

1. Change to **Resizable mode** (right click and select Resizable Mode)
2. **Click in a window to give it focus** (I resized by dragging a border)
3. Open the **Edit** menu on the **floating toolbar**
4. Select **Capture Current Panel**
5. Paste into another document!



Thank you for trying this brief introduction to the ClassPad.  
To learn more, please visit the web for additional materials.