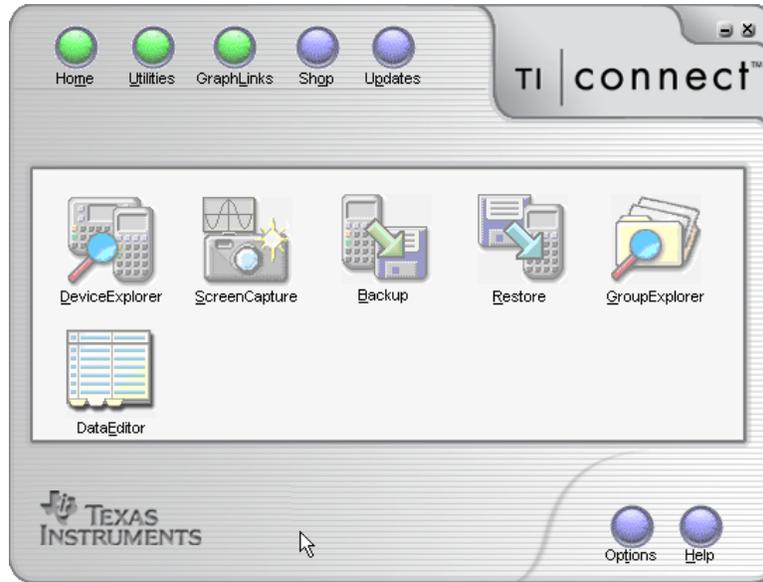


# TI Connect....



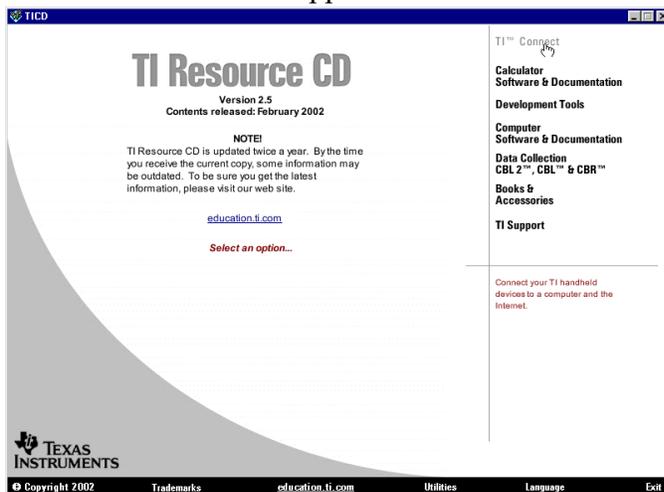
...is software from Texas Instruments designed to allow you to link your TI calculator to a computer, back up the calculator memory, and capture screen shots from the calculator for use in your documents, among other things. You will also need TI Connect at some point if you wish to download new applications and update your calculator operating system from TI's web site, [www.education.ti.com](http://www.education.ti.com). The software is free but you will need a cable. The USB cable is available from educational suppliers (e.g. Spectrum) and from stores such as Wal-Mart and Staples at a cost of about \$20-30. If you have previously used **TI Graph LINK** or **TI Interactive!** with either the grey or black serial cable, these cables will work fine as well and **TI Connect** will automatically detect which cable you are using.

The focus of today's session will be on capturing screen shots. For further information and tutorials, consult the Help files in TI Connect.

## Steps

Do not plug in your cable yet!

Insert the TI Resource CD in the CD Rom drive of your computer. It should start automatically and this screen should appear:

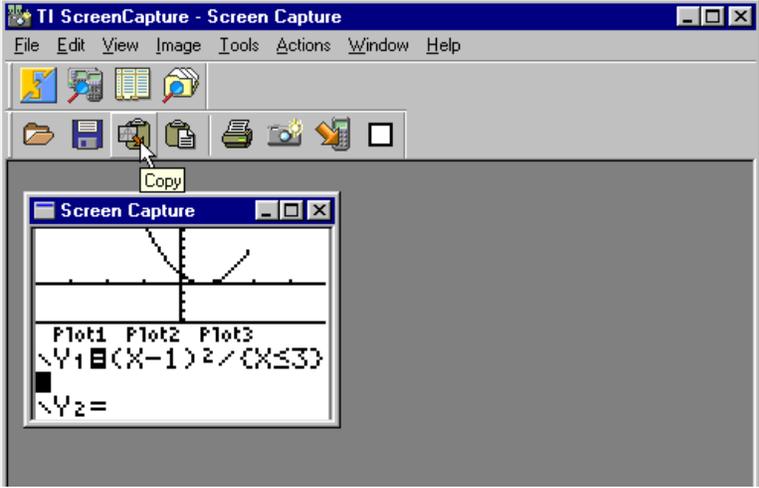


Click **TI Connect** and follow the onscreen instruction for installation.

Once the software is installed, start the software, plug in your cable to both your computer and your calculator (make sure the calculator is OFF when you do this. It will automatically come on when plugged in) Have the calculator draw a graph.

In **TI Connect**, click on **Screen Capture**.

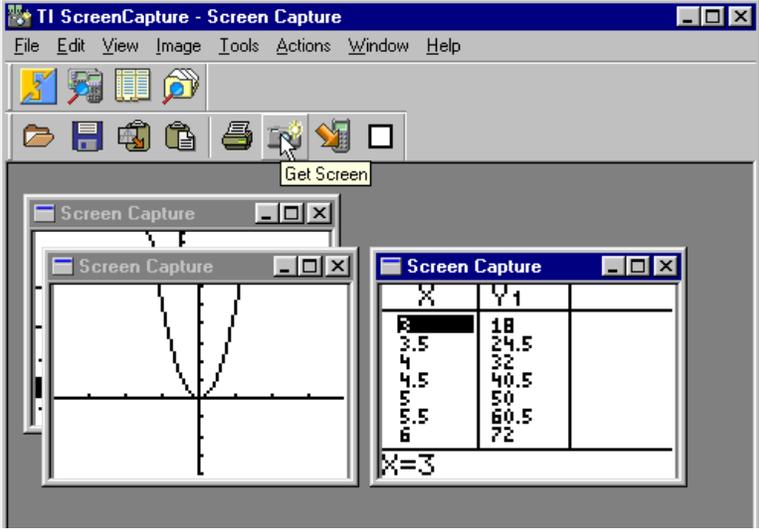
You should now see a screen with an image from your calculator e.g.



Click the COPY icon as shown.

Your image is now ready for pasting into WordPerfect.

Do not forget the anchoring and size issues.



Draw another graph and click the “Camera” (which is the **screen capture** feature) icon in the toolbar as shown to capture this screen.

Copy and paste it into WordPerfect.

Go to the table of values on your calculator and capture this screen. Paste the table into WordPerfect.

Note that you can capture more than one screen, as shown here, and then copy and paste them individually afterward.

X	Y1	
3	18	
3.5	24.5	
4	32	
4.5	40.5	
5	50	
5.5	60.5	
6	72	

X	Y1	
3	18	
3.5	24.5	
4	32	
4.5	40.5	
5	50	
5.5	60.5	
6	72	

X=3

Notice the border around the second screen shot here. The option for this is the last icon to the right in the toolbar.

# DeviceExplorer Overview

*(some excerpts from the help files for those who want to know more now)*

(TI Connect™ 1.1 adds support for the new Voyage™ 200 Personal Learning Tool. Any issues that existed in TI Connect 1.0 may still exist in 1.1; these issues will be addressed in a future release.)

Click DeviceExplorer to transfer files between a TI handheld device and personal computer (PC). With DeviceExplorer and a TI device connected to your computer, you can

## **Copy device files to the computer**

To copy data, files, or programs from the device to the computer

1. From the TI Connect™ home screen, click DeviceExplorer. DeviceExplorer displays the contents of the connected device.
2. Start Windows® (or NT) Explorer. You may want to reduce the size of the Windows Explorer window and the DeviceExplorer window. This will make it easier to transfer files.
3. In the DeviceExplorer window, locate and highlight the file(s) you want to transfer from your device. You can transfer a single file, multiple files, or the entire device contents.
4. Drag the highlighted file into Windows (or NT) Explorer and drop it.

*Another way to transfer files to your computer is to select the file and click Actions>Copy to PC or Actions>Move to PC.*

## **Copy PC files to a connected device**

To copy data, files, or programs from the computer to the device

1. From the TI Connect™ home screen, click DeviceExplorer.

DeviceExplorer displays the contents of the connected device.

2. Start Windows® Explorer (or NT Explorer). You may want to reduce the size of the Windows Explorer window and the DeviceExplorer window. This will make it easier to transfer files.
3. Locate and highlight the file(s) you want to transfer from your computer.
4. Drag the highlighted file(s) into the device window and drop it.

Caution: You can accidentally overwrite a file located on the connected device. If the file name of the application variable or third-party data type you are transferring to the device begins with a digit, and that file exists on the connected device, DeviceExplorer does not ask if you want to replace it, it simply replaces it.

To transfer a program file into Archive, drag the program file into DeviceExplorer and drop it on Flash/Archive.

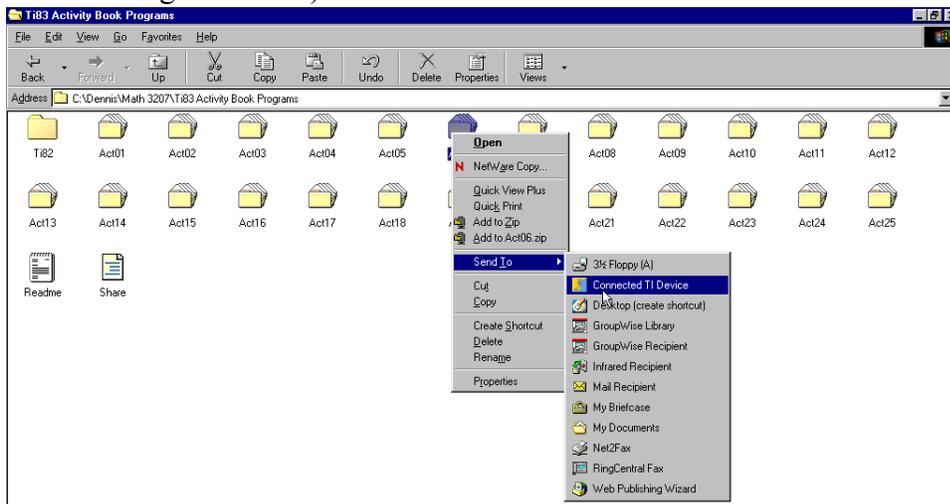
On the TI-89 and TI-92 Plus devices and the Voyage™ 200 Personal Learning Tool, a function data type can only exist in the main folder on the device.

You can also quickly **drag and drop** (see below) files from your computer to the connected device without starting the TI Connect software:

To transfer device files located on your hard drive

1. Using Windows® (or NT) Explorer, locate the device file you want to transfer to the connected device.
2. Reduce the size of the Explorer window so you can see the TI Connect desktop icon.
3. Click the device file you want to transfer.
4. Drag the device file out of Explorer and drop it on the TI Connect desktop icon.

(NOTE: You can transfer files more quickly by right clicking on the file you want to transfer and selecting SEND TO-CONNECTED TI DEVICE as shown below. TI Connect does not even have to be running to do this.)



The total length of the full path and file name must be less than 128 characters when performing a drag and drop operation.

To transfer device files located on your desktop

1. Click the device file that you want to transfer.
2. Drag the device file and drop it on the TI Connect desktop icon.

Caution: You can accidentally overwrite a file located on the connected device. If the file name of the application variable or third-party data type you are transferring to the device begins with a digit, and that file exists on the connected device, DeviceExplorer does not ask if you want to replace it, it simply replaces it.

## **DataEditor Overview** (From the TI Connect Help Files)

Click DataEditor to work with List, Number, and Matrix variables created on your TI handheld devices. With DataEditor, you can create, display, and modify any of these variables.

DataEditor is not a program editor. It is a convenient way for you to manipulate numeric data stored on your personal computer (PC) instead of editing the data on your handheld device.

Note: All numeric data for the TI-89, TI-92, TI-92 Plus, or Voyage 200 Personal Learning Tool that is either saved by or sent to the device with DataEditor will be converted to floating point format.

### **To use DataEditor**

1. Collect the data on your device.
2. Use DeviceExplorer to copy the data file to your computer.
3. Use DataEditor to edit and save the data file.
4. Copy the data file back to your device.

In addition to editing data, you can also use DataEditor to

- Create new data files
- Import or export data in spreadsheet format
- Copy and paste data among other variables or into applications
- Print data files

DataEditor lets you use your computer to manipulate variables whether the data is in a List, Number, or Matrix file. However, you cannot edit constant files from the TI-73 (xxx.73c). To edit .73c files, use the Program Editor function of TI-GRAPH LINK™.

Be sure to see Common Questions and Answers to learn more about DataEditor.

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