

Entering Data into Lists

You can enter data into lists using braces and $\boxed{\text{D}}$ or the statistical list editor.

Creating L1 using the $\boxed{\text{STO}}$ key

- Press $\boxed{2ND} \boxed{[1]} \boxed{1} \boxed{2} \boxed{4}$
 $\boxed{3} \boxed{4} \boxed{2ND} \boxed{[1]}$.
- Press $\boxed{\text{STO}}$ $\boxed{2ND} \boxed{[1]}$
 $\boxed{\text{ENTER}}$ to store data.
Note: To enter a fraction, enter the numerator $\boxed{\text{ALPHA}}$ $\boxed{F1}$ $\boxed{\text{ENTER}}$ and then the denominator.

- Press $\boxed{\text{STAT}}$ $\boxed{\text{ENTER}}$ $\boxed{1}$.
- Press $\boxed{5}$ $\boxed{\text{ENTER}}$ $\boxed{6}$ $\boxed{\text{ENTER}}$
 $\boxed{7}$ $\boxed{\text{ENTER}}$ $\boxed{8}$ $\boxed{\text{ENTER}}$.
- Press $\boxed{2ND} \boxed{\text{OUT}}$ $\boxed{2ND}$
 $\boxed{[4]}$ $\boxed{\text{ENTER}}$.

Statistics and Regression

Calculating a linear regression
To calculate the linear regression for stored list data:

- Press $\boxed{\text{STAT}}$ $\boxed{1}$ $\boxed{1}$ $\boxed{2}$
 $\boxed{3}$.
- Press $\boxed{\text{ENTER}}$.

Calculating statistical variables
You can calculate one-variable or two-variable statistics for data that you have entered into lists.

- Press $\boxed{\text{STAT}}$ $\boxed{1}$ $\boxed{\text{ENTER}}$.
- Press $\boxed{2ND} \boxed{[1]}$ $\boxed{\text{ENTER}}$.

Plotting Data

When statistical data is stored in lists, you can display the data you have collected in a scatter plot, xline, histogram, box plot, or normal probability plot.

Selecting the lists you want to plot

- To turn plots off, press $\boxed{2ND} \boxed{\text{STAT PLOT}}$ $\boxed{4}$ $\boxed{\text{ENTER}}$.
(Turns plots off if any plots are on.)
- To turn **Plot1** on, press $\boxed{2ND} \boxed{\text{STAT PLOT}}$ $\boxed{\text{ENTER}}$.
- To enter L1 as the X list, press $\boxed{1}$ $\boxed{2ND} \boxed{[1]}$ $\boxed{\text{ENTER}}$.
- To enter L2 as the Y list, press $\boxed{2ND} \boxed{[2]}$ $\boxed{\text{ENTER}}$.
- To select + as the plotting mark, press $\boxed{+}$ $\boxed{\text{ENTER}}$.

Displaying plot and trace

Press \boxed{ZOOM} $\boxed{9}$ $\boxed{\text{TRACE}}$ to display a scatter plot.

Using the Matrix Editor

Use the matrix editor to enter and edit values for equations.

Creating a matrix

- Press $\boxed{\text{ALPHA}}$ $\boxed{F3}$ $\boxed{\text{ENTER}}$.
- Press $\boxed{4}$ $\boxed{\text{ALPHA}}$ $\boxed{F1}$ $\boxed{\text{ENTER}}$ $\boxed{4}$ \boxed{D} $\boxed{8}$ \boxed{D}
 $\boxed{3}$ $\boxed{\text{ALPHA}}$ $\boxed{F1}$ $\boxed{\text{ENTER}}$ $\boxed{2}$ \boxed{D} .
- Press $\boxed{1}$ $\boxed{\text{ALPHA}}$ $\boxed{F3}$ $\boxed{\text{ENTER}}$.
- Press $\boxed{7}$ $\boxed{\text{ALPHA}}$ $\boxed{F1}$ $\boxed{\text{ENTER}}$ $\boxed{2}$ \boxed{D} $\boxed{6}$ \boxed{D} $\boxed{3}$
 $\boxed{7}$ $\boxed{\text{ALPHA}}$ $\boxed{F1}$ $\boxed{\text{ENTER}}$ $\boxed{2}$.
- Press $\boxed{\text{ENTER}}$.

Grouping and Ungrouping files

Grouping files

1. Press **[2ND] [MEM]** 8 1 to select **Create New** on the **GROUP UNGROUP** screen.
2. Type a group name and press **[ENTER]**.
3. Navigate to the files you want to group and select each file by moving the cursor to the file and pressing **[ENTER]**.
4. Press **[] 1** to select **Done**.

Ungrouping files

1. Press **[2ND] [MEM]** 8 **[]** to select **UNGROUP**.
2. Move the cursor to the group name that you want to ungroup and press **[ENTER]**.
3. Press **3** to select **Overwrite All**.

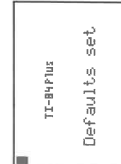
Resetting Defaults

If your calculator gives you unexpected results or your settings have changed, you can reset defaults on your TI-84 Plus.

1. Press **[2ND] [MEM]**.
2. Press **7**.
3. Press **2**.



4. Press **2**.



Installing Applications

With free TI Connect™ software and a TI Connectivity Mini USB cable (included with your TI-84 Plus), you can link your graphing calculator to a personal computer and download free applications.

For more information, visit:

- education.ti.com/apps to download TI Connect™ software, applications, and OS updates.
- education.ti.com/guides to download documentation.

Running applications

Once you have downloaded an application, press the **[APPS]** key to run the applications on your TI-84 Plus graphing calculator.

Transferring the OS from Calculator to Calculator

You can transfer the operating system from one calculator to another using a Mini USB unit-to-unit cable or an I/O unit-to-unit cable (not included, available as an accessory).

Connect the two calculators by firmly inserting either the USB or I/O cable ends into the calculators. The USB and I/O ports are located on the top edge of the calculator.

Transfer the OS as follows:

On the receiving unit

Press **[2ND] [LINK] [] [ENTER]**.

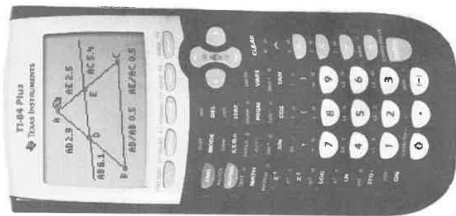
On the sending unit

Press **[2ND] [LINK] [] [ENTER]**.

Quick Reference

Key	Action
[ENTER]	Executes an instruction and/or an expression.
[CLEAR]	Clears the current line. (If the cursor is on a blank line, clears everything on the Home Screen.)
[2ND]	Changes the cursor to ; the next keystroke performs a 2nd operation. To cancel [2ND] , press [2ND] again.
[] or []	Moves the cursor around within an expression.
[2ND] [] and [] or []	Moves the cursor to the beginning or end of an expression.
[]	Moves the cursor from line to line.
[DEL]	Deletes the character under the cursor.
[2ND] [INS]	Inserts additional characters at the cursor. Press the keys again to end the insertion.
[ALPHA] [A-LOCK]	Changes the cursor to ; sets the alpha lock; subsequent keystrokes paste alpha characters. To cancel [ALPHA] , press [ALPHA] again or press an arrow key.
[ALPHA]	Changes the cursor to ; the next keystroke pastes an alpha character. To cancel [ALPHA] , press [ALPHA] again or press an arrow key.
[ALPHA] []	Pages down to the next screen (on menus).
[ALPHA] []	Pages up to the next screen (on menus).
[ALPHA] [F1] [F5]	Displays the shortcut menus, FRAC , FUNC , MTRX , and YVARS .
[2ND] [ENTRY]	Places your last entry on the current entry line on the Home Screen.
[2ND] [ANS]	Places Ans (a reference to your last answer) on the current entry line on the Home Screen, allowing you to use the answer in the next calculation.
[X] []	Pastes an X in Func mode, a T in Par mode, a θ in Poi mode, or an n in Seq mode with one keystroke.

TI-84 Plus



Contact us at: ti-cares@ti.com
Download the guidebook at:
education.ti.com/go/download
60" cable included.

