

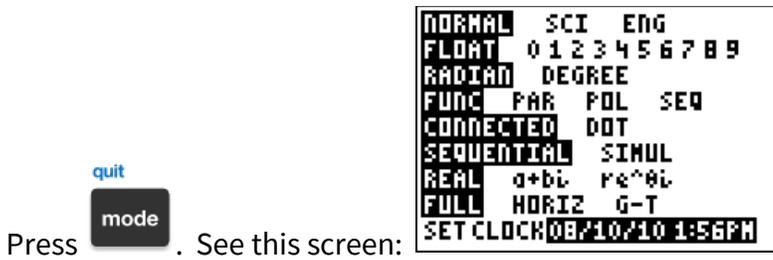
Settings for Basic Graphing ClassicView

Objectives:

If someone has used your calculator before, the settings may not be what you need.

- Before graphing, set FUNC in MODE
- Before graphing, turn PLOTS off in the Y= menu
- Before graphing, clear functions from the Y= menu
- Before graphing, set the standard window

Before graphing, set FUNC in MODE



On each row, the word highlighted (white letters on a black background) is selected.

KEY FACT: To graph a function $f(x)$ or $y(x)$, the fourth row must have FUNC highlighted.

Use  or  to move up or down, and  or  to move right or left.

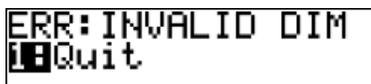
When the flashing black cursor is on top of FUNC, press  to select it.

From any cursor position, press  to exit the MODE menu.

Before graphing, turn PLOTS off in the Y= menu

In statistics, students use Plots. It's also easy to turn on Plots inadvertently.

But if Plots are ON but there is no data, you'll see an "INVALID DIM" error, like this:

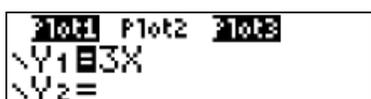


IMPORTANT: This error has no "GoTo", so we have to know that it means "one or more Plots are on".

Press . (This button is at the top left, in the separate row of buttons just below the screen.)

Notice if any Plot1, Plot2, or Plot3 is highlighted (black with white lettering).

Example 1: Here's a screen with Plot1 and Plot3 turned on. This is bad:





If your screen has plots on, use the arrows to move to any highlighted Plot.

entry solve



Then press to turn it off. You may have to turn off all three plots.

entry solve



PRO TIP: This is a toggle, so pressing again will turn it back on!

Example 2: Here's the same screen after turning plots off. This is good.

```
Plot1 Plot2 Plot3
\Y1=3X
\Y2=
```

Before graphing, clear functions from the Y= menu

statplot f1



The calculator can graph several functions at once. Press .

Example 3: Here's a screen with extra garbage. This is bad.

```
Plot1 Plot2 Plot3
\Y1=3X
\Y2=5X^2-17
\Y3=3sin(X)
\Y4=140000
\Y5=
\Y6=
\Y7=
```

clear

entry solve



To clear functions, press for each existing function. Use or to move down the list.

Example 4: Here's that screen after clearing the garbage. This is good.

```
Plot1 Plot2 Plot3
\Y1=
\Y2=
\Y3=
\Y4=
\Y5=
```

Before graphing, set the standard window

Previous users may have had strange numbers, and adjusted the graphing window. To return (at any time)

format f3 L6 V



to the standard window, press

We are now ready to graph!