

Graphing Functions on the CALCULATOR

Step 1) Write the equation to be graphed in $y = f(x)$ form. (In other words, solve for y .)

Step 2) Access the function editor window.

TI 83/84

Note the row of dedicated keys under the calculator screen.

Press

TI 85/86

Press

The menu keys will then be labeled in the following way.

Press

TI 89/92

Note the row of dedicated keys under the calculator screen.

These commands are accessed by first pressing the green diamond key.

Press

Step 3) Enter the function to be graphed.

To type the variable x ,
press

(The key next to the
green key.)

To type the variable x ,
press

Press

To type the variable x ,
press

(The key below the key.)

Press

Step 4) Graph the function.

Press

Press

Press

The settings for the standard viewing window are: $x_{\min} = -10$, $x_{\max} = 10$, $x_{\text{scl}} = 1$, $y_{\min} = -10$, $y_{\max} = 10$, $y_{\text{scl}} = 1$

In shorthand notation we write: $[-10, 10] \times [-10, 10]$

Or in general: $[x_{\min}, x_{\max}]_{x_{\text{scl}}} \times [y_{\min}, y_{\max}]_{y_{\text{scl}}}$