

Solving Quadratic Equations - Graphing calculator method

1 Graphing method. Enter the equation into the y-editor and find the zeros

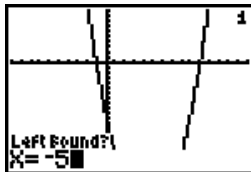
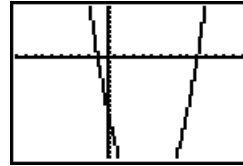
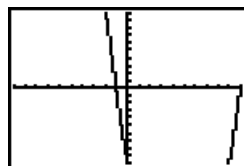
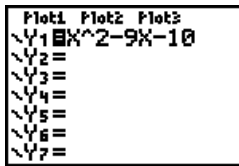
Example:

$$Y1 = x^2 - 9x - 10$$

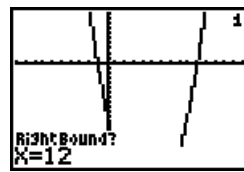
Graph the equation.

Adjust the viewing window if necessary.

Find the zeros using the [2nd] [CALC] menu.



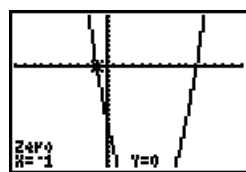
Enter left bound.



Enter right bound.



Enter guess.

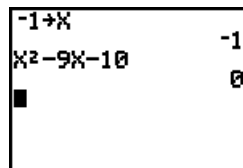


Repeat for other zero.

Checking the solutions (found using any method) using a graphing calculator.

Store one solution as x. -1 STO x

Type in the equation. Press ENTER.



Clear the screen. Repeat for other zero.

