

Sketching the Inverse of a Graph

The inverse of a graph results from switching the x and y variables. Your calculator can sketch the inverse of a graph for you.

- Enter the equation in Y_1
- Press Graph.
- Modify your window, if necessary.
- Press 2nd Quit to return to the home screen.
- Open the Draw Function (2nd _____).
- Choose Option 8: _____
- Press VARS
- Press the right arrow to open Y-VARS
- Choose Option 1: _____
- Choose Option 1: _____
- Press Enter
- The inverse of the graph will be sketched on the screen.

Once the inverse has been sketched, you must always check to see if the inverse is a function. You can use the _____ (VLT) to test this. If a vertical line crosses the graph of the inverse more than once, it is _____.

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