

TRACE Function

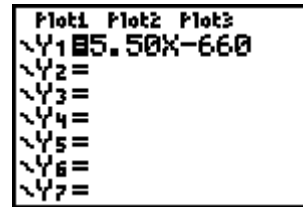
Trace along the graph of a function. We will use the rule $P(a) = 5.50a - 660$.

Keystrokes

Screen

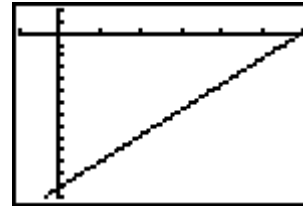
Enter the function into the equation editor:

$Y = 5.50 X - 660$



Look at the graph:

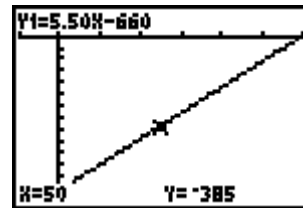
GRAPH



Note: our WINDOW dimension are for x-values between -20 and 120 and y-values between -700 and 100.

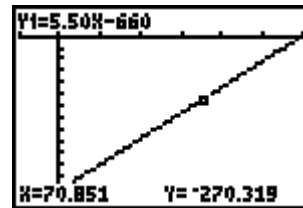
Select the TRACE feature:

TRACE



Note: The x-value is the input and the y-value is the output

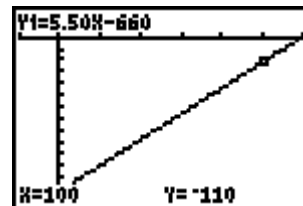
You can use the right and left arrow keys to move the cursor along the graph.



Note: You can also enter in a specific input value and move the cursor to that point on the graph. You can continue entering in input values as long as you do not press any other feature or function key.

Find the output when the input is 100.

1 0 0 ENTER



Note: If you have more than one function graphed on the screen, using the up and down arrows will enable you to move from function to function.

More questions? Contact the **Metropolitan State University Math Center** at 651-793-1460, 651-793-1463 (Fax) or math.center@metrostate.edu.

Persons with a disability who need reasonable accommodations may call Disability Services at 651-793-1540 or 651-772-7687 (TTY).

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