

X,Y Data List Editor View

Σ Data Editor

#	X	Y
1	+2.00	+1,400.00
2	+1.00	+920.00
3	+3.00	+1,100.00
4	+5.00	+2,265.00
5	+6.00	+2,890.00
6	+4.00	+2,200.00
7	?	?

Σx +21.00 Σy +10,775.00

Action ▶ Done

Entry Index

X-Value Entry

Y-Value Entry

Adds a new entry row

Remove the current row

Inserts a new entry row

Clears to "0" the current entry

Select to Load, Save, or Clear the list

Number keypad and editing

Close the view

This view adds a convenient way to create, visualize and edit a list of values with repetitions. To show it, touch the “**OPT**” key select the “**Utilities**” menu and touch the “**X,Y Data Editor**” option.

The editor has three areas: the data listing, the keypad to enter numbers and the actions buttons.

Data Listing:

- Shows the current content of the list.
- Touch a “Value” or “#T” item in the list to select it for editing. The row
- Use the Keypad to to enter numbers in the selected cell.

Keypad:

- The keyboard contains the common 15 keys for number entry including the change sign, exponent and backspace.
- A number in edition is actually entered in the list when the **[INPUT]** key is pressed

Action Buttons:

[Add]	Creates a new data row at the end of the list.
[Insert]	Inserts a new empty X, Y data above the current line.
[Delete]	Deletes the current X, Y data and shift up the list.
[Clear]	Clears the current X, Y data to “0.0” & “0.0” respectively.
[Done]	Ask for saving in a file and/or ask if you want to use the X,Y values to the calculator’s statistics registers.

<p>[Action ►]</p> <p>Load From File</p> <p>Save To File</p> <p>Sort by X</p> <p>Sort by Y</p> <p>Swap X by Y</p> <p>Clear All</p>	<p>Shows the actions that affects the whole list:</p> <p>→ Load a previous saved list into the editor.</p> <p>→ Save the list in a file for further use.</p> <p>→ Sort ascending by ‘X’ values.</p> <p>→ Sort ascending by ‘Y’ values.</p> <p>→ Swap the ‘X’ values and ‘Y’ values.</p> <p>→ Delete all the X,Y entries.</p>
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Example:

For the last six weeks the following data was collected: minutes of advertising purchased in local radio and the corresponding total sales:

Week	Minutes	Sales
1	2	\$1,400
2	1	\$920
3	3	\$1,100
4	5	\$2,265
5	6	\$2,890
6	4	\$2,200

Use the “**X,Y Data Editor**” tool to create the “Minutes-Sales” lists using the above data. Then, calculate all the statistical values included in “**Statistic**” menu.

Solution:

<p>[OPT] [Utilities]</p> <p>[X,Y Data Editor]</p>	<p>Shows the “X,Y Data Editor” view.</p>
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[Action▶] 'New List'	Reset the list
2 [INPUT] 1400 [INPUT]	Enters the Sample #1.
1 [INPUT] 920 [INPUT]	Enters the Sample #2.
3 [INPUT] 1100 [INPUT]	Enters the Sample #3.
5 [INPUT] 2265 [INPUT]	Enters the Sample #4.
6 [INPUT] 2890 [INPUT]	Enters the Sample #5.
4 [INPUT] 2200 [INPUT]	Enters the Sample #6.
[Done] [Save]	Save the list to the calculator.