

GRAPHING DATA FROM LISTS, TABLES, AND FORMULAS

ENTERING DATA INTO LISTS	
TI 83/84	TI 86
STAT key EDIT option Enter x (input) values into L1 Enter y (output) values into L2 Press 2 nd key, then MODE (QUIT) to save lists	LIST key EDIT option Enter x (input) values into XLIST Enter y (output) values into YLIST Press 2 nd + (EXIT) QUIT to save lists

TO CLEAR A LIST	
TI 83/84	TI 86
In screen with lists displayed: Move cursor to list name (like L1 or L2) Press CLEAR, then ENTER	In screen with lists displayed Move cursor to list name (like XLIST or YLIST) Press CLEAR, then ENTER

TO PLOT THE POINTS IN THE LISTS	
TI 83/84	TI 86
<p>Shut off all functions and other plots first!</p> <p>Set up graph by:</p> <ol style="list-style-type: none"> 1. Press 2ND, then Y= (STAT PLOT) keys 2. With cursor on 1: Plot 1, press ENTER 3. With cursor on ON, press ENTER 4. Move cursor to first plot TYPE, press ENTER 5. Move cursor to Xlist:, type in L1 if not there 6. Move cursor to Ylist, type in L2 if not there 7. Move cursor to Mark:, pick a symbol, press ENTER 8. Press 2nd key, then QUIT <p>Set window by:</p> <ol style="list-style-type: none"> 1. Press WINDOW key 2. Enter values for Xmin, Xmax, Xscl, Ymin, Ymax, Yscl 3. Keep Xres = 1 <p>Draw graph by: Press GRAPH key</p> <p>Trace points by: Press TRACE key and use right/left arrows.</p>	<p>Shut off all functions and other plots first!</p> <p>Set up graph by:</p> <ol style="list-style-type: none"> 1. Press 2nd key, then STAT key 2. Press PLOT key (F3), then PLOT1 key (F1) 3. Move cursor over ON, press ENTER 4. Move cursor to first plot TYPE, press ENTER 5. Move cursor to Xlist: type in XSTAT if not there 6. Move cursor to Ylist: type in YSTAT is not there 7. Move cursor to Mark:, pick a symbol, press ENTER 8. Press 2nd key, then QUIT <p>Set window by:</p> <ol style="list-style-type: none"> 1. Press WINDOW key 2. Enter values for Xmin, Xmax, Xscl, Ymin, Ymax, Yscl 3. Keep Xres = 1 <p>Draw graph by: Press GRAPH key</p> <p>Trace points by: Press TRACE key and use right/left arrows.</p>

TO CREATE A TABLE SETUP, VIEW TABLE AND GRAPH IT (Shut off all plots and other functions first!)	
TI 83/84	TI 86
<p>To enter formula:</p> <ol style="list-style-type: none"> 1. Press Y= 2. Enter formula after Y1= <p>To create table:</p> <ol style="list-style-type: none"> 1. Press 2nd key, then TBLSET 2. Type in starting value at TblStart 3. Type in increment at ΔTbl 4. Set Indpnt: and Depend: both to Auto <p>To view table: Press 2nd key, then TABLE</p> <p>To view Graph:</p> <ol style="list-style-type: none"> 1. Set window as needed (see previous page) 2. Press GRAPH 	<p>To enter formula:</p> <ol style="list-style-type: none"> 1. Press GRAPH key, then press Y= (F1) 2. Enter formula after Y1= <p>To create table:</p> <ol style="list-style-type: none"> 1. Press TABLE key, then TBLSET (F2) 2. Type in starting value at TblStart 3. Type in increment at ΔTbl 4. Set Indpnt: to Auto <p>To view table: Press TABLE key, then TABLE (F1)</p> <p>To view Graph:</p> <ol style="list-style-type: none"> 1. Set window as needed (See previous page) 2. Press GRAPH

TO GRAPH A FUNCTION (Shut off all plots and other functions first!)	
TI 83/84	TI 86
<p>To enter formula: Press Y= and enter formula after Y1=</p> <p>Draw graph by:</p> <ol style="list-style-type: none"> 1. Set window as needed (see previous page) 2. Press GRAPH <p>Trace points by: Press TRACE key and use right/left arrows.</p>	<p>To enter formula: Press GRAPH key, then press Y= (F1) and enter formula after Y1=</p> <p>Draw graph by:</p> <ol style="list-style-type: none"> 3. Set window as needed (see previous page) 4. Press GRAPH <p>Trace points by: Press TRACE key and use right/left arrows.</p>

TO SHUT OFF FUNCTION GRAPHING OR PLOTS	
TI 83/84	TI 86
<p>Shut off function graphing by:</p> <ol style="list-style-type: none"> 1. Press Y= key 2. Clear all functions listed by moving over any highlighted = sign after Y and press ENTER. <p>Shut off plots by:</p> <ol style="list-style-type: none"> 1. Press 2nd key, then STAT PLOT key 2. For any plots that are ON: Enter the number of the plot Move cursor over Off and press ENTER 	<p>Shut off function graphing by:</p> <ol style="list-style-type: none"> 1. Press GRAPH key, then button below 'y(x)='. 2. Press MORE key 3. Press button below ALL - to shut off functions. <p>Shut off plots by:</p> <ol style="list-style-type: none"> 1. Press 2nd key, then STAT key 2. Press PLOT key (F3) 3. For each plot you have used: Press that PLOT key (ex. PLOT1, PLOT2) Move cursor over ON, press ENTER