

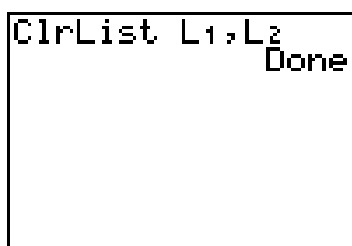
**Plotting a graph of data and a function**

How you can use your graphic calculator to plot a graph of data and a function that can be used to model it is illustrated here using the data from Activity 1.1A in *Algebra & Graphs*.

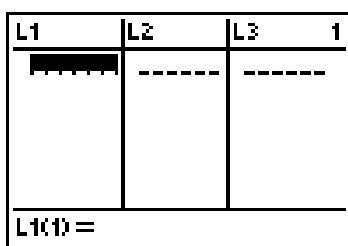
Place	Distance from Cardiff (miles)	Time from Cardiff (minutes)	Time from Cardiff (hours)
Cardiff	0	0	0.0
Merthyr Tydfil	23.4	31	0.5
Libanus	40.1	54	0.9
Llyswen	54	72	1.2
Builth Wells	65.3	88	1.5
Newbridge on Wye	70.8	96	1.6
Rhayader	79	108	1.8
Caersws	101.1	139	2.3
Mallwyd	124.2	172	2.9
Rhyd	154.9	220	3.7
Bangor	182.4	267	4.5

In this activity you are asked to draw a graph of a journey from Cardiff to Bangor. Time from Cardiff is on the horizontal axis and distance from Cardiff on the vertical axis.

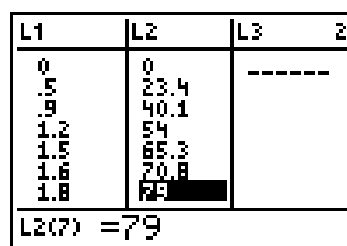
Enter the data into a Table.



First of all you should clear the data from columns of the table using the 'clear list' command from the STAT menu.



Use the 'Edit' command from the STAT menu.



Enter the data in two columns.

