

The graphic calculator screen.

This resource was written by Derek Smith with the support of CASIO New Zealand. It may be freely distributed but remains the intellectual property of the author and CASIO.

Select GRAPH mode from the main menu by using the arrow keys to highlight the GRAPH icon or pressing 5.



N.B. The more graphs that you experience drawing on the graphical calculator the more familiar you will get with understanding the relationship between the graphs and their equations that are represented algebraically.

To get the **V-Window** press **SHIFT** **F3**



The screen is 127 pixels wide and 63 pixels high.

Horizontally: $127 = 63 + 1 + 63$

Vertically: $63 = 31 + 1 + 31$

F1

INITIAL SETTING

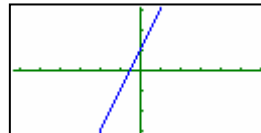
Then **EXIT** to move back to the previous window.

Example: Draw $y = 2x + 1$

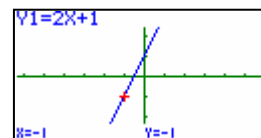
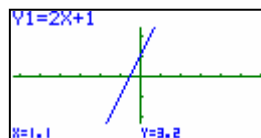
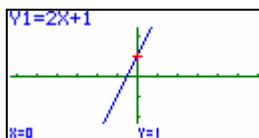
Enter in the equation and press **EXE** to store it



F6 to draw the line $y = 2x + 1$



To **TRACE** the graph, press **SHIFT** **F1**



The co-ordinates are displayed (x , y) using the \leftarrow and \rightarrow arrows you can trace along the line $y = 2x + 1$

ALWAYS work in multiples of this **INITIAL** setting and the ‘tracing’ of the line or curve will give ‘nice’ decimal co-ordinate points.

e.g. $2x - 6.3 = -12.6$
 $2x + 6.3 = 12.6$

e.g. $4x - 6.3 = -25.2$
 $2x + 6.3 = 12.6$



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