Calculator Basics I

      a)   Window grid set up
      b)   Graph tracing.

Using a **graph** to produce a table of values for the independent variable x and the dependent variable y for the equation y = f(x)

Calculator Window Set up.
      Set up a widow with 1x1 grid as shown below.

Go to **GRAPH MORE FORMT** then select **Gridon**

Go to **GRAPH WIND** then set xMin= –1, and yMin= –1.

Set x-step, y-step through Δx and Δy assignments.

Go to **Char Greek,** then type

           1.0 **Sto Δx :** 1.0 **Sto Δy**

This will set the x and y steps to 1.0

Graph the line y=0.5x+1 then use the **trace** key and observe how the y and x values change as the cursor traces the graph.
Find the value of y that corresponds to x=5,6,and 10.

Use **GRAPH TRACE** ,then use the left and right cursor keys to trace the graph.

x	y

How does the graph differs from a tabulated values of x and y?