Calculator Appendix G





(Tables)

Our goal here is to produce a table on the calculator similar to this:

x	y = f(x) = .42x + 1.50
1	y = (.42)1 + 1.50 = 1.92
2	$\mathcal{Y} = (.42)2 + 1.50 = 2.34$
3	$\mathcal{Y} = (.42)3 + 1.50 = 2.76$
4	y = (.42)4 + 1.50 = 3.18



First, we must enter the function. Press **Y=** and enter .42x + 1.5 for **Y1**.





Next, we must "set-up" the table by pressing **2ND TBLSET**. Make the entries as shown here.

TblStart = 1 indicates that we want our *x* values to start at 1. **ΔTbl = 1** indicates that the *x* values in the table increase by 1 for each new row.

TABLE SETUP TblStart=1 △Tbl=1 Indpnt: **Hutc** Ask Depend: **Autc** Ask

Indpnt: Auto indicates that the *x* values (left column) are automatically generated starting at **TblStart** and incremented by **ΔTbl**.

Depend: Auto indicates that the *y* values (2nd column) are automatically evaluated from the **Y1** function using the corresponding *x* values of column 1.



To produce the table, press **2nd TABLE**. The table displays as shown here:

X	Y1	
- Northur	1.93768 1.9376	
X=1		

To see more entries beyond x = 7, keep pressing the **DOWN ARROW**. To see more decimal places of accuracy in the **Y1** column, use the **RIGHT ARROW** to highlight the desired position.