

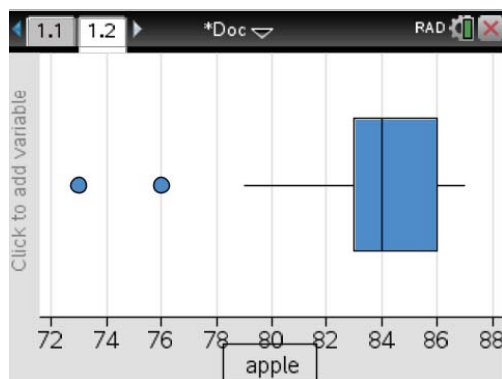
4. Making boxplots

One of the added benefits of the TI-Nspire is its ability to plot multiple boxplots at one time in the viewing window. Let's use the calculator to make parallel boxplots of the Apple and Samsung rating data.

1. Press **(ctrl) [I]**, select *Add Lists & Spreadsheet*, and press **(enter)**. Name column A **apple** and column B **samsung**. Enter the data from page 71.

	A apple	B sams...	C	D
=				
1	87	88		
2	87	87		
3	87	87		
4	87	86		
5	86	86		

2. Insert a *Data & Statistics* page: press **(ctrl) [I]**, select *Add Data & Statistics*, and press **(enter)**.
 - Press **(tab)** and *Click to Add Variable* on the horizontal axis to show the variables available. Select **apple**.
 - The data will move into a dotplot. Use the Navpad to position the pointer in an empty space within the graph. Press **(ctrl) [menu]** and select *Box Plot*. You will now see the data move into a boxplot.
 - Using the Navpad, arrow over the plot. You will see the values in the five-number summary display one by one as you move across the boxplot.



3. To add the boxplot of **samsung ratings**, arrow over “apple” on the horizontal axis, press **(ctrl) (menu)**, and choose *Add X Variable*. Select **samsung** and the second boxplot will be added to the page.

