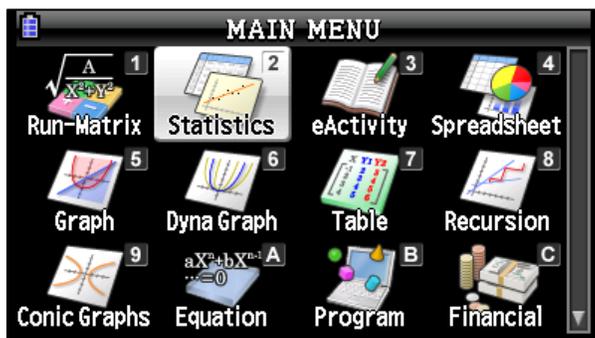


Activity 9 - Creating a Box Plot and Finding 1-Variable Statistics {75, 82, 82, 83, 79, 99, 76, 85, 82, 83}

CASIO (PRIZM)

1. From the Main Menu (**MENU**), select the **STATISTICS** icon by pressing **2**.



2. Enter the data in to **List 1** by typing in each value and pressing **EXE**.

	List 1	List 2	List 3	List 4
SUB				
8	85			
9	82			
10	83			
11				

GRAPH CALC TEST INTR DIST

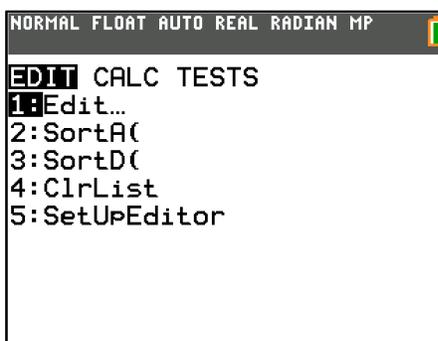
3. Press **F1** (GRAPH) to view graph options.

	List 1	List 2	List 3	List 4
SUB				
8	85			
9	82			
10	83			
11				

GRAPH1 GRAPH2 GRAPH3 SELECT SET

TEXAS INSTRUMENTS (84 PLUS CE)

1. From the initial screen, press **STAT**.

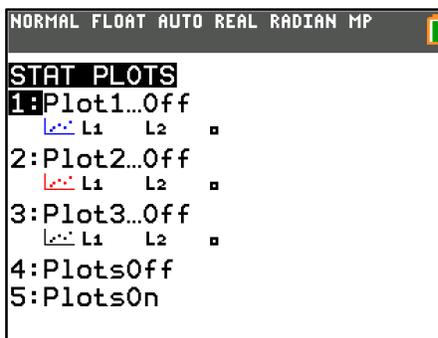


2. Press **1** (Edit) and enter the data in to **L1** by typing in each value and pressing **ENTER**.

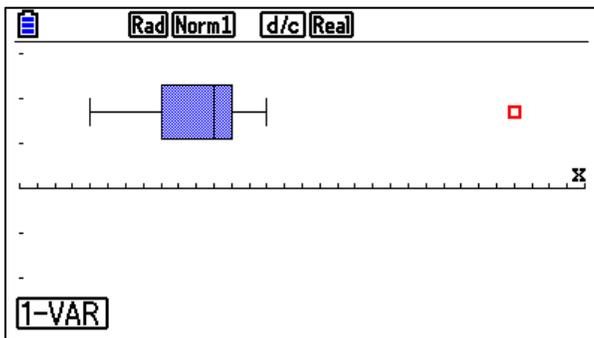
L1	L2	L3	L4	L5	1
75	-----	-----	-----	-----	
82					
82					
83					
79					
99					
76					
85					
82					
83					

L1(11)=

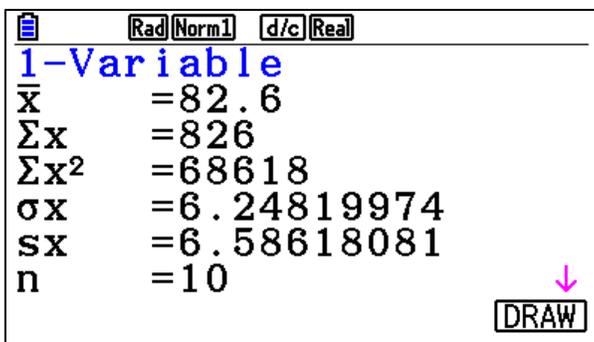
3. Press **2nd** **Y=** (Stat Plot).



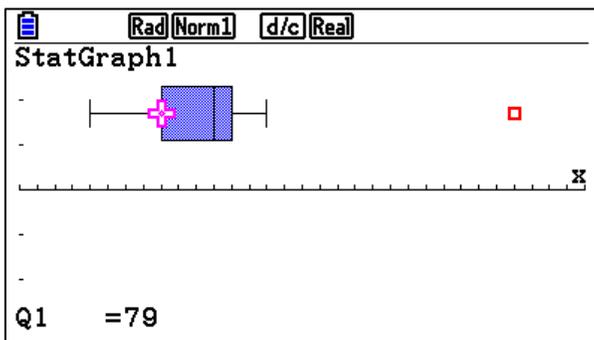
7. Press **EXIT** **F1** (GRAPH1) to view the graph.



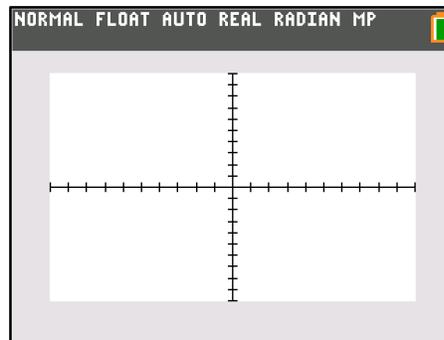
8. Press **F1** (1-VAR) to see the 1-variable statistics. Arrow down to see all the statistical measures.



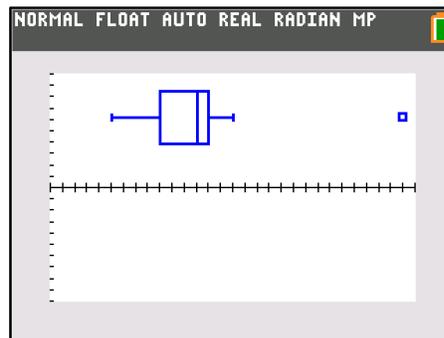
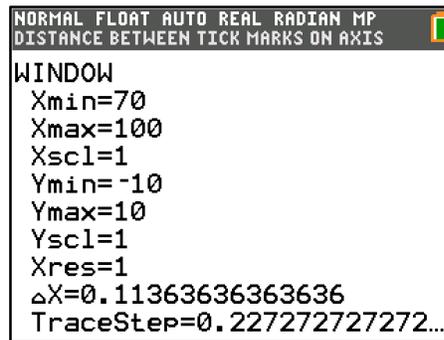
9. To see the statistics on the graph, press **F6** (DRAW). Press **SHIFT** **F1** (TRACE) then the arrow keys to toggle through the statistical measures on the graph.



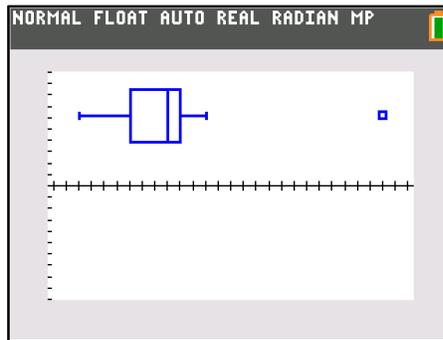
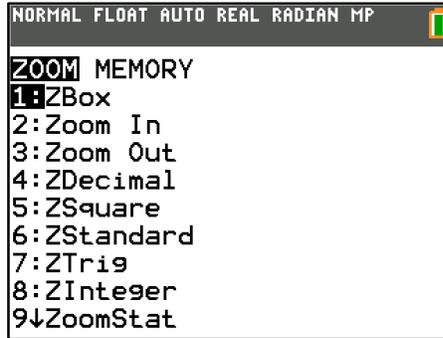
7. Press **GRAPH** to view the graph. If the graph does not appear, the window settings need to be changed to fit the data.



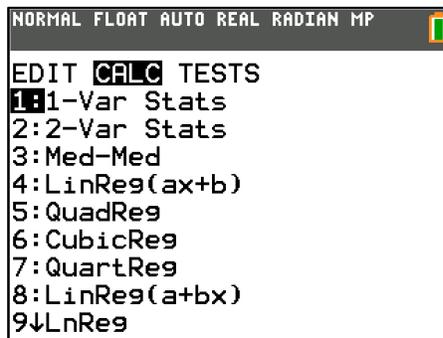
8a. The Window can be manually set by pressing **WINDOW** and entering the appropriate **Xmin** and **Xmax** to include the data range. Once values have been set, press **GRAPH**.



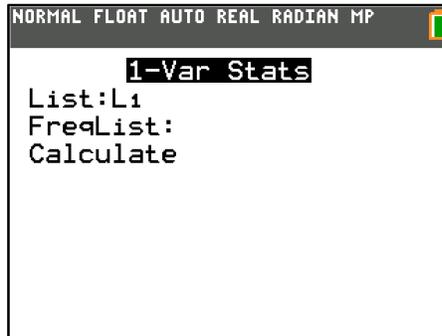
8b. Another option is to press **ZOOM**|**9**(ZoomStat) to have the calculator automatically zoom in on the statistics data.



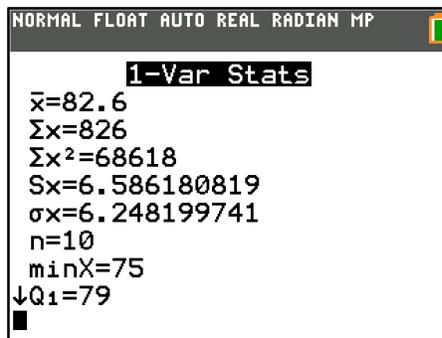
9. Press **STAT** and arrow over to **CALC**.



10. Press $\boxed{1}$ (1-Var Stats) to see the 1-variable statistics.



11. Make sure the correct list is notated and arrow down to **Calculate** and press $\boxed{\text{ENTER}}$. Arrow down to see all of the statistical measures.



12. To see the statistical measures on the graph, press $\boxed{\text{GRAPH}} \boxed{\text{TRACE}}$. Use the arrow keys to toggle between the statistical measures on the graph.

