## **TI Instructions**

## **How to construct Boxplot:**

Steps	Instructions	Screen Shots
1	Key in 12, 23, 17, 25, 18, 18, 23, 32, 16, and 24. Make sure to press ENTER after each one to store the data into L1.	L1
2	Press Y=, and make sure all entries are clear.	<b>201</b> Plot2 Plot3 \Y1=■ \Y2= \Y3= \Y4= \Y5= \Y6= \Y7=
3	Press 2nd Y= for STAT PLOT.	316162006 18Plot1On 2:Plot2Off 404 L2 1 3:Plot3Off 62 L1 L2 8 44PlotsOff
4	Press 4 followed by ENTER to turn off all plots.	PlotsOff Done
5	Press 2nd Y= for STAT PLOT, then 1 to select Plot1. Use arrows to move up/down and right/left. Make sure your screen looks like the screen on the right side.	Plot2 Plot3 Off Off Type: Land Land Min Land Xlist:L1 Freq:1

6	Now press ZOOM	MEMORY  182Box 2:Zoom In 3:Zoom Out 4:ZDecimal 5:ZSquare 6:ZStandard 7↓ZTri9
7	Press number 9 to select	
	9:ZoomStat	
		-
8	Use TRACE to get the screen which displays the median.	F 1:L1
	displays the mediani	
		<u> </u>
		Med=20.5
9	Use right arrow to get the screen	P1:L1
	which displays Q <sub>3</sub> .	
	If you was the wight amount and	
	If you use the right arrow again, you will see the MAX number.	<u> </u>
	you will see the MAX humber.	Q3=24
10	Use left arrow to get the screen	P1:L1
	which displays Q <sub>1</sub> .	
	If you use the left arrow again,	
	you will see the MIN number.	
		Q1=17

You do not have to sort the data before constructing the Box Plot.

You can plot more than one set of data, use another list and another plot.