

Calc
83/84- Box Plot & Five Number Summary

KEY
NOTES

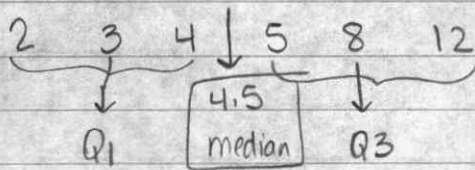
4/2/2020

Steps to enter data:

- 1) Select **STAT** **1: EDIT**
- 2) enter all data points * you MUST hit **enter** after every number

To construct BOX PLOT

- 1) **2nd** **(y=)**
- 2) Select **1: Plot1... OFF**
- 3) Put Blinking box over **on**, hit **enter**
- 4) Select box plot under type * 4th type over looks like **H-H...**; scroll over until blinking box is over **H-H...** & hit **enter**
* you can ignore the other options for now
- 5) On calc press **Zoom** it is on the top row
- 6) Select **9: zoomStat**



- 7) hit **trace**
- 8) hit **left arrow** to go to far left
* look at bottom of calc screen it should say
 $min X = 2$
- 9) hit **right arrow** & record each value
 $min = 2$
 $Q1 = 3$
 $med = 4.5$
 $Q3 = 8$
 $max = 12$

To add a point

1) **STAT** → **1: Edit**

2) Scroll to the bottom of list enter 30

3) **2nd** **y=** **enter**

4) make sure on is still highlighted & **1=1...** is highlighted

5) **Zoom** **9**

6) **trace** use **◀** **▶** to find 5 #summary

min = 2

Q1 = 3

med = 5

Q3 = 12

max = 30