

CALULATOR NOTES

ENTER DATA

1. Press the STAT button
2. Choose the 1:Edit option
3. Columns labeled L₁, L₂, and L₃ should be visible. There are six lists L₁ through L₆. Choose a list in which to enter your data. If there is already data in the list, you can type over it – but it is better to clear the list. Use your arrow keys to highlight the label of the list that you want to clear. Press the CLEAR button followed by the down arrow button.
4. Type your first value in the first row and press enter, continue until your list is complete.

COMPUTING THE MEAN & STANDARD DEVIATION

Non-grouped data

- Step 1: Clear List 1
- Step 2: Enter the data in L₁.
- Step 3: 2nd QUIT to go to the home screen
2nd STAT [LIST] MATH 3:mean(L₁) ENTER MATH 7:stdDEV(L₁)
.....OR.....
- Step 3: STAT CALC 1:1-Var Stats ENTER L1 ENTER
will display descriptive statistics for this list.
(\bar{x} is the mean and Sx is the standard deviation)

COMPUTING THE QUARTILES

- Step 1: Clear List 1
- Step 2: Enter the data in L₁.
- Step 3: 2nd QUIT to go to the home screen
- Step 4: Sort the data in ascending order
STAT 2: SortA (L₁)
- Step 5: Compute 1-VAR STATS
STAT CALC 1:1-Var Stats ENTER L1 ENTER
will display descriptive statistics for this list.
- Step 6: Press and hold or press 5 times to reveal the following list of values
MinX, Q₁, Med, Q₃, MaxX

CONSTRUCTING A BOX PLOT

- Step 1: Clear L₁.
- Step 2: Enter data in L₁.
- Step 3: Define the statistical plot desired:
2nd Y= [STAT PLOT]
1: Plot1 ENTER to turn plot on
Arrow down and right to the 2nd box plot, ENTER to select it.
Xlist: L₁
Freq: 1
- Step 4: Select a window by pressing ZOOM, and selecting
9:ZoomStat