

How to Use the TI-85

5 5 5 1 5 3 1 3 4 5

To find the mean, standard deviation, and variance for a list of numbers:

STAT
EDIT (F2)
ENTER ENTER
CLRXY (F5)

INPUT THE NUMBERS:

5 ENTER ENTER
5 ENTER ENTER
5 ENTER ENTER

Continue until all numbers have been entered.

EXIT
CALC (F1)
ENTER ENTER
1VAR (F1)

You should now see the descriptive statistics on your screen.

\bar{x} *mean*

s_x *sample standard deviation*

σ_x *pop st dev*

To find the variance, EXIT EXIT and then input the standard deviation with at least 5 decimal places and then square it with the x^2 Key

To find the mean, standard deviation, and variance for a frequency distribution.

Classes	Frequency
0.0 - 5.9	10
6.0 - 11.9	8
12.0 - 17.9	9
18.0 - 23.9	9
24.0 - 29.9	4

STAT
EDIT (F2)
ENTER ENTER
CLRXY (F5)

Input the class midpoints in the “x” values and the frequency for the ‘y’ values.

2.95 ENTER 10 ENTER
8.95 ENTER 8 ENTER

Continue until all pairs have been entered.

EXIT
CALC (F1)
ENTER ENTER
1VAR (F1)

You should now see the descriptive statistics on your screen.