

# Univariate Statistics Calculations

First put the data into a "Lists and Spreadsheets" page



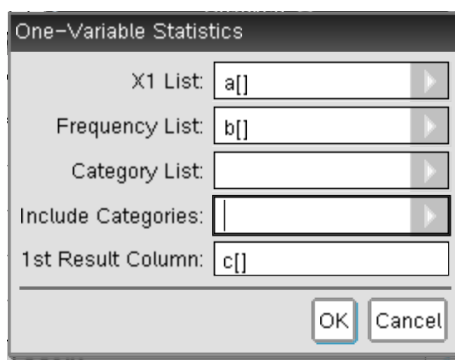
Make sure you name the column(s) which contains your data.

	A score	B freq	C
1	2	5	
2	3	7	
3	4	3	
4	5	6	
5	6	9	

To perform calculations Go to Menu -> Statistics Calculations -> One Variable

Short cut is Menu 4 1 1

If you have put the data into columns a[] and b[] then the new box should look like this.



Your page should now look like this:

	A score	B freq	C	D
				=OneVar(
1	2	5	Title	One-Var..
2	3	7	$\bar{x}$	6.44444
3	4	3	$\Sigma x$	348.
4	5	6	$\Sigma x^2$	2662.
5	6	9	$s_x := s_{n-1}$	2.81282
6	7	2	$\sigma_x := \sigma_{n-1}$	2.78665
7	8	3	n	54.
8	9	7	MinX	2.
9	10	12	Q <sub>1</sub> X	4.
10			MedianX...	6.
11			Q <sub>3</sub> X	9.
12			MaxX	10.
13			$SSX := \Sigma$	419.333

The mean

The total of all scores

The standard deviation of a sample

The standard deviation of a population

The number of data points

The five number summary (for a box plot)