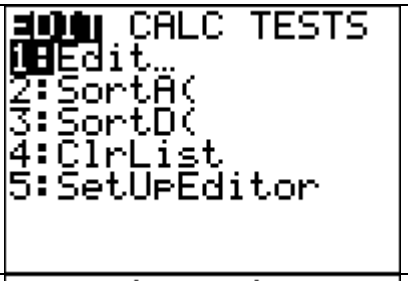
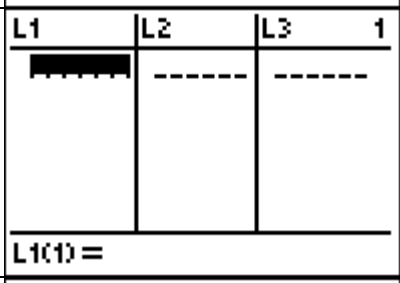
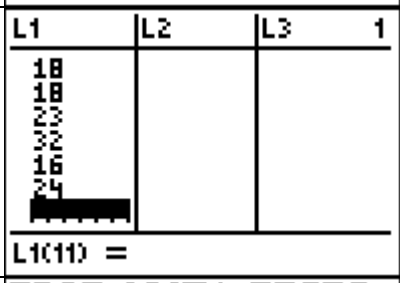
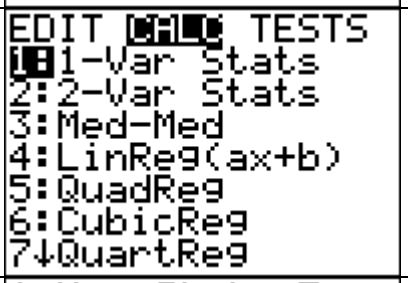
TI Instructions

How to perform basic statistics calculation:

Steps	Instructions	Screen Shots
1	Press **STAT**	
2	Press **ENTER**	
3	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.**	
4	Press **STAT** , then arrow to the right once.	
5	Press **ENTER** to select **1:1-VAR Stats.**	

6	**Press 2nd 1 to select L1**		1-Var Stats L1
7	**Press ENTER to perform the calculation.**		1-Var Stats x̄=20.8 Σx=208 Σx²=4620 Sx=5.711586664 σx=5.418486874 ↓n=10
8	**Arrow down several times to view the rest of the calculations.**		1-Var Stats ↑n=10 minX=12 Q1=17 Med=20.5 Q3=24 maxX=32

1. **If the data is considered a sample, then sample mean is $\overline{X}$ and sample standard deviation is S_X.**
2. **If the data is considered a population, then population mean is μ and population standard deviation is σ_X.**
3. **The Five-Point Summary which are used in constructing the Box Plot can be obtained from the last screen in this calculation.**
4. **The Inter-Quartile Range IQR can be computed by finding the difference $Q_3 - Q_1$.**