This section is an overview of the STAT Icon; it will highlight just a few of the features for single-variable data and paired-variable data. To select this icon, you may highlight it and press EXE or press 2 .

The initial screen is the List Editor Screen that allows input of statistical data and performs numerous statistical calculations. To input a list of single-variable data, highlight the first cell under List 1 and enter each number followed by EXE .


1. For this example, input this set of data:

| List 1	1	0.5	1.2	4	-1	1	3	5	6	3.4
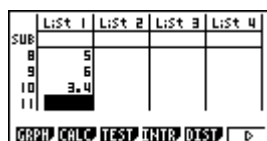
2. From this screen you can display various statistical graphs depending on whether you have single or paired-variable data (scatter-plot, line, normal probability, histogram, median box, mean box, normal distribution, broken line, and regression: linear, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal and logistic).
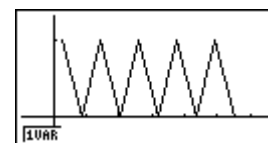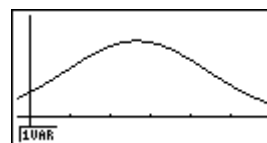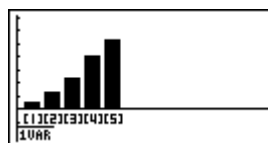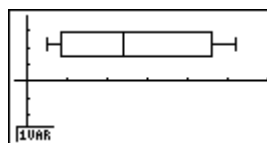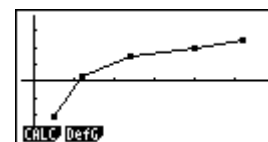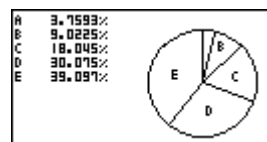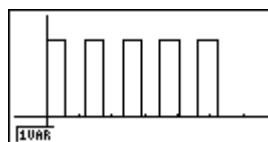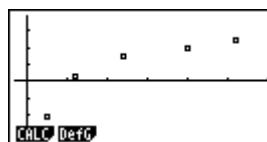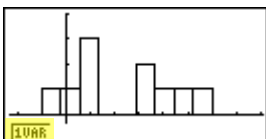
3. The initial default graph is a scatter-plot. To change the type of graph you would like to use, press F1 (GRPH), then F6 (SET), arrow down to **Graph Type**, for this set of data, we will make a histogram, press F6, and then F1 for histogram.
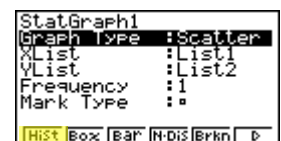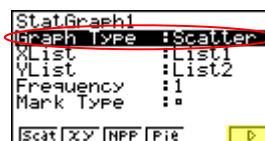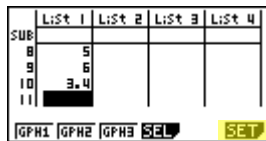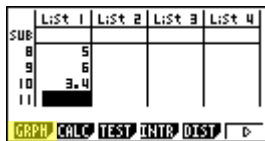
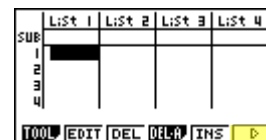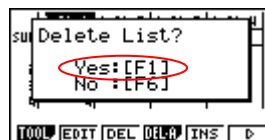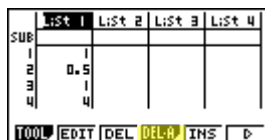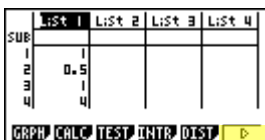4. Press EXIT to return to your list of data, select F1 (GPH1) then EXE to see your graph.

5. The following screen shots show one-variable calculations that can be obtained by pressing F1.
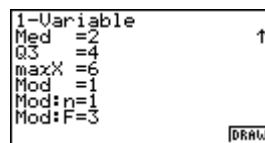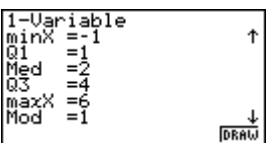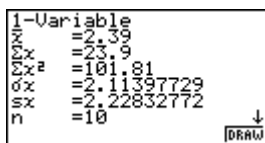
6. To delete this set of data, press EXIT until you return to the initial List Editor screen. Select F6 for more options, arrow up until List 1 is highlighted, select F4 (Del-A), then F1.
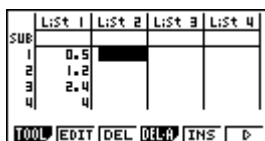
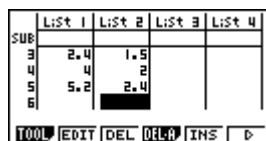7. For paired variable data, use the following:

List 1	0.5	1.2	2.4	4	5.2
List 2	-2.1	0.3	1.5	2	2.5

Enter List 1 first, and then ▶ to begin entering List 2. The cursor will automatically move to the beginning of the next list.
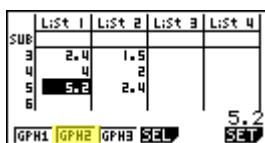
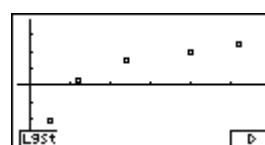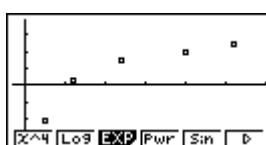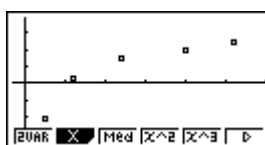8. To see a scatter-plot of these data, you can go through and change GPH 1 back, using the process above, or select F2 (GPH 2) from the List Editor screen whose default is also a scatter-plot.
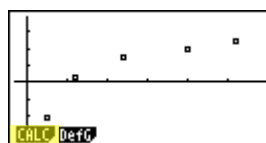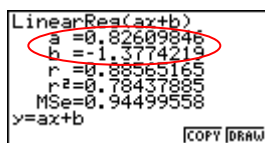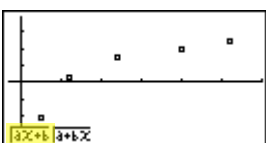
9. From the scatter-plot screen, pressing F1 will show all the calculations that can be obtained from this set of data.

10. To calculate a linear regression for these data, select F2 from the first set of options and then press F1 or F2 for the preferred form. For this example, we will use $y = ax + b$.

11. From this screen, select F5 (COPY) to copy and then paste the regression equation into the initial Graph screen or select F6 (DRAW) to show the linear regression.