Dot Plot on the TI-84

The number of goals scored by each team in the first round of the California Southern Section Division V high school soccer playoffs is shown in the following table.[5]

5	0	1	0	7	2	1	0	4	0	3	0	2	0
3	1	5	0	3	0	1	0	1	0	2	0	3	1

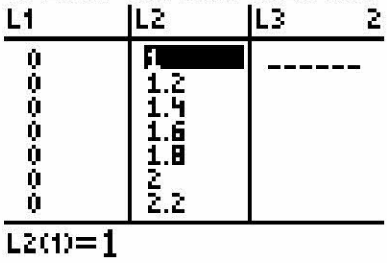
How to construct a dotplot:

Step 1: Label your axis and title your graph. Draw a horizontal line and label it with the variable (in this case, number of goals scored). Title your graph.

Step 2: Scale the axis based on the values of the variable.

Step 3: Mark a dot above the number on the horizontal axis corresponding to each data value. Figure 1.3 displays the completed dotplot.

1. Enter the data in L1 and SortA

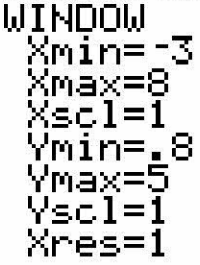


2. We are going to make an x-y plot. The x-value will be the values in L1. To get these points to "stack up", we will enter a y-value into L2.

In the diagram, we are looking at some of the 0 values. For the first, enter a "1" into L2. For the second, enter 1.2. When L1, and L2 are graphed using the x-y plot, these points will stack up.

3. Set window xmin - xmax to cover the values in L1

4. Enter ymin = 0.8, ymax = about 1 more than the largest number in L2



5. In Stat Plot do a x-y plot (not connected) for xList = L1 and yList = L2

Choose a mark (square is good) 6. Graph