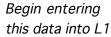
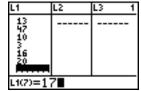
## Constructing a Frequency Table and Histogram

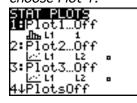
Given the following data set, construct a frequency table. We will use the 'Histogram' graphing function on your TI 83/84 calculator.

13	47	10	3	16	20	17	4	2
7	25	8	21	19	15	3	14	6
12	45	1	8	4	14	11	23	12
6	2	14	13	7	15	46	9	18
34	13	41	28	36	17	24	29	9
14	26	10	24	37	31	16	12	16

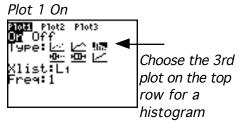




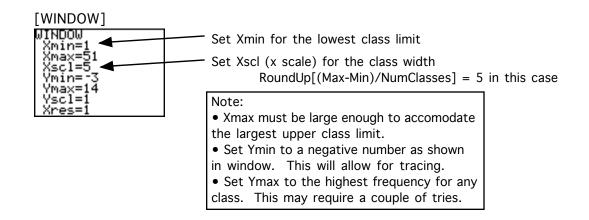
[2nd] STAT PLOT choose Plot 1:



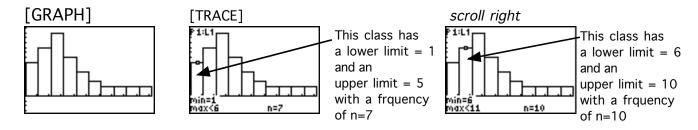
Pres[Enter] to turn



We want 10 classes with a lowest limit of 1. Select 'Window' to set.



Now [GRAPH] and [TRACE] to construct your frequency table.



Continue scrolling to complete the Frequency Table. See next page -->

Lower	Lower	Upper	Upper		
Class	Class	Class	Class	Class	
<u>Boundary</u>	<u>Limit</u>	<u>Limit</u>	<u>Boundary</u>	<u>MidPoint</u>	<u>Frequency</u>
0.5	1	5	5.5	3	7
5.5	6	10	10.5	8	10
10.5	11	15	15.5	13	13
15.5	16	20	20.5	18	8
20.5	21	25	25.5	23	5
25.5	26	30	30.5	28	3
30.5	31	35	35.5	33	2
35.5	36	40	40.5	38	2
40.5	41	45	45.5	43	2
45.5	46	50	50.5	48	2