

## Let's Create a Picture Graph

Brand	Price	Frequency
Brand A	3.49	4
Brand B	2.00	21
Brand C	2.28	17
Brand D	1.73	3
Brand E	2.13	5

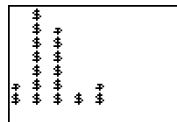
- Press List and enter the data from the chart.
  - L1 will be the cost of the item
  - L2 will be the brand. To enter you will need to use TEXT and enter "A".
  - L3 will be the frequency.

L1	L2	L3
3.49	A	4
2.00	B	21
2.28	C	17
1.73	D	3
2.13	E	5

## Set up the Picture Graph

- Press 2<sup>nd</sup> PLOT and set up plot 1 as illustrated.
  - Picture Graph
  - Category List: L2
  - Data List: L3
  - Scale: 3 (Each picture will be valued to 3)\*
  - Vertical
  - Third Icon (\$).
- Press GRAPH to view the picture graph.

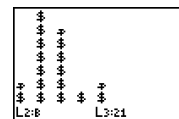
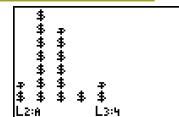
```
Plot1 Off
Type: Pict
Cate9List:L2
Data List:L3
Scale:3
Vert Hor
Icon: $$$
```



\* Scale must allow for no more than 7 icons

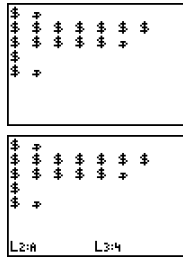
## Analyzing Data

- Press TRACE
- Move Left and Right with the arrow keys
- The label will describe the brand and the frequency for that brand.
- Copies of the graph can be made with the TI Connectivity Cable.



## Viewing a Horizontal Picture Graph

- Press 2<sup>nd</sup> PLOT and select Plot 1 and switch the plot to a Horizontal Graph.
- Trace along this graph in a similar method.



## Changing Scale

- You may change the scale on the picture graph as long as NO MORE THAN 7 ICONS will be needed.