

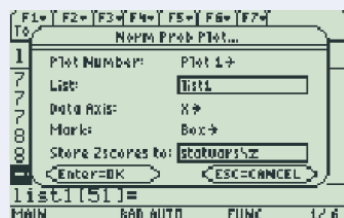
## 6. TECHNOLOGY CORNER

# NORMAL PROBABILITY PLOTS

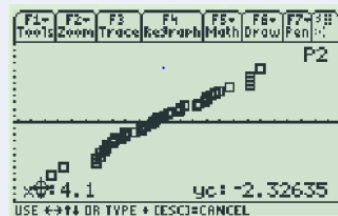
TI-Nspire instructions in Appendix B; HP Prime instructions on the book's Web site.

To make a Normal probability plot for a set of quantitative data:

- Enter the data values in L1/list1. We'll use the state unemployment rates data from page 122.
- Define Plot1 as shown.



- Use ZoomData on the TI-89 to see the finished graph.



*Interpretation:* The Normal probability plot is quite linear, so it is reasonable to believe that the data follow a Normal distribution.