Linear regression with the TI-86  QUICK REFERENCE

DIRECTIONS: Before you begin, press GRAPH \( y(x) = \) and CLEAR all equations.

Then press 2nd STAT PLOT (F3) PLOff (F5) ENTER

1. Clear previous data:
   2nd STAT EDIT ▲ CLEAR ▼
   use ◄ or ► to get to the next list, then repeat ▲ CLEAR ▼.

2. Enter new data:
   2nd STAT EDIT enter inputs under xStat, and outputs under yStat
   enter a 1 under fStat to correspond to each data value EXIT

3. To see the scattergram:
   2nd STAT PLOT (F3) PLOT1(F1) ENTER GRAPH ZOOM (F3)
   MORE ZDATA (F5)

4. To find the regression equation:
   2nd STAT CALC LinR (F3) ENTER

5. To see the graph of the regression line:
   GRAPH \( y(x) = \) (F1) 2nd STAT VARS (F5) MORE MORE RegEq (F2) GRAPH GRAPH (F5)