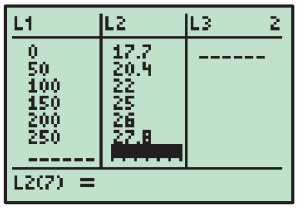
CHAPTER 21 - LEAST SQUARES REGRESSION LINE

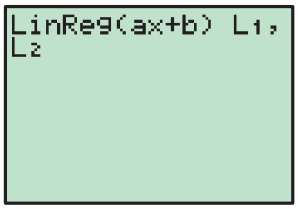
TI-84 Plus

To find the least squares regression line for the data alongside, enter the x values into **List 1**, and the y values into **List 2**.

x	0	50	100	150	200	250
y	17.7	20.4	22.0	25.0	26.0	27.8



Press STAT ▶ **4:LinReg(ax+b)** 2nd **1** (L1) , 2nd **2** (L2) ENTER .



So, the least squares regression line is $y \approx 0.0402x + 18.1$.