

31 (a) Enter the x -values into the list L_1 in the statistical feature of your graphing calculator.

Similarly, enter the y -values into the list L_2 . The calculator's statistical package will calculate

the values of a and b . For this exercise $a \approx 3.0929$ and $b \approx -2.2143$.

(b) When $x = 2.4$, $y \approx 3.0929(2.4) - 2.2143 \approx 5.209$.