BASIC STATISTICAL OPERATIONS WITH THE TI-83 CALCULATOR

ENTERING A LIST OF NUMBERS

STAT (1:EDIT will be highlighted automatically)
ENTER
# ENTER
# ENTER

TO GET OUT OF A SCREEN YOU’RE STUCK IN

2ND
MODE (Quit)

TO GET THE NUMBERS IN ORDER

STAT
#2 (:2 SORTAC)
2ND 1 (L1, Have to tell the calculator which list)
ENTER

TO JUST LOOK AT THE LIST

STAT
ENTER
TO DO CALCULATIONS

STAT
Right arrow over to CALC
ENTER
2ND 1 (L1, Have to tell the calculator which list)
ENTER

\[ \bar{X} = 11 \] (mean)
\[ \Sigma x = 168 \] (total of all numbers in your list)
\[ S_x = 8.26 \] (standard deviation for sample)
\[ \sigma_x = 7.78 \] (standard deviation for population)
\[ n = 9 \] (how many numbers are in your list)
\[ \text{min } x = 4 \] (lowest number in the list)
\[ Q_1 = 5 \] (first quartile)
\[ \text{Med} = 8 \] (median)
\[ Q_3 = 16.5 \] (third quartile)
\[ \text{Max } x = 28 \] (highest number in the list)

TO CLEAR THE LIST

STAT
ENTER
Arrow up so that you’re on top of L1
CLEAR
ENTER