Algebra Activity 8:
Finding Measures of Central Tendency

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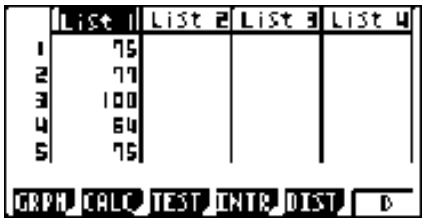
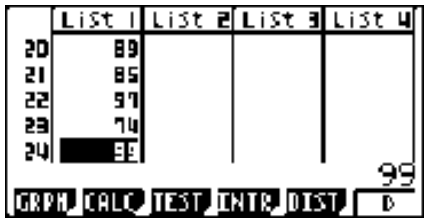
CALCULATORS: Casio: *fx-9750G Plus* • Casio: *cfx-9850G Series*

Student Handout

To enter data into a list:

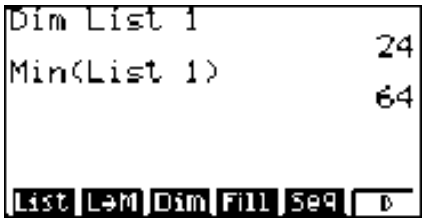
- From the main menu, select **STAT**.
- If there is any data in List 1, delete it. Highlight List 1, press **F6, F4 (DEL-A), F1 (Yes)**.
- Enter the following set of test scores in List 1:
  75, 77, 100, 64, 75, 83, 88, 68, 92, 74, 81, 83, 83, 75, 81, 83, 89, 72, 80, 89, 85, 97, 74, 99



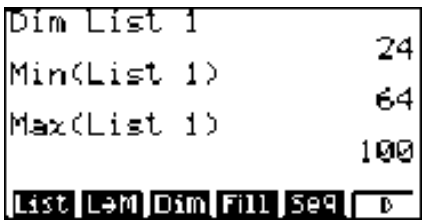


To count the number of values in the list:
MENU **1**(RUN) **OPTN** **F1**(List)
F3(DIM) **F1**(List) **1** **EXE**.

To find the minimum value in the list:
F6 **F1**(Min) **F6** **F6** **F1**(List) **1** **)** **EXE**.

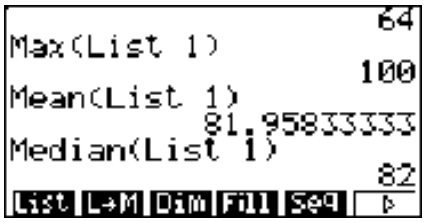


To find the maximum value in the list:
F6 **F2**(Max) **F6** **F6** **F1**(List) **1** **)** **EXE**.



To calculate the mean of the data set:
F6 **F3**(Mean) **F6** **F6** **F1**(List) **1** **)** **EXE**.

To calculate the median of the data set:
F6 **F4**(Med) **F6** **F6** **F1**(List) **1** **)** **EXE**.



For an easier way to calculate one-variable statistics: **MENU** **2**(Stat) **F2**(CALC) **F1**(1VAR) for one-variable statistics