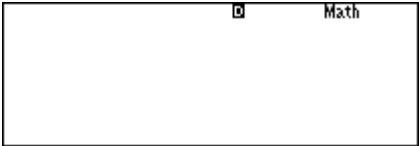## Module 6 : Statistics

### Part A – The Statistics mode (STAT)

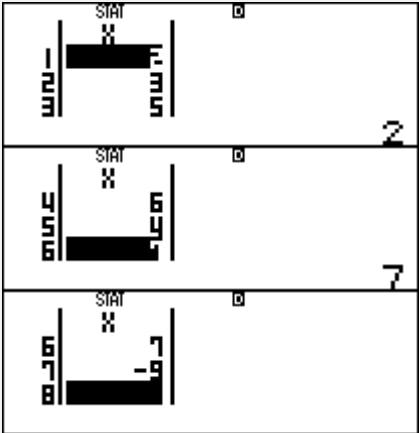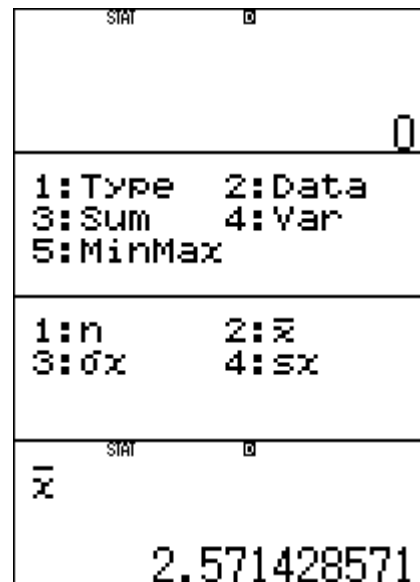| | |
|---|---|
| When you first turn on the calculator it is in COMP or computation mode. |  |
| To change modes press **MODE**. followed by the number 2. |  |
| Each one of the choices will do something different. We will be focusing on the first choice 1: 1- VAR(1-Variable statistics) to find the mean. | **1:1-VAR** |
| To enter the data into a data table without the frequency press **1** (1-VAR) and enter the numbers you want to find the mean of and press **=** after each. Each number has a frequency of 1. We will see next how to enter frequency.  {2, 3, 5, 6, 4, 7, -9} |  |

To find the mean press

AC SHIFT 1 (STAT) 4 (4:Var)
2 (2:$\overline{x}$ MEAN) =.
The mean is 2.5714…

To find the mean using statistics with frequencies, first turn on the frequencies by pressing
AC ALPHA MODE ▼ 3 (STAT) 1 (1:ON)
SHIFT 1 (STAT) 2 (Data).