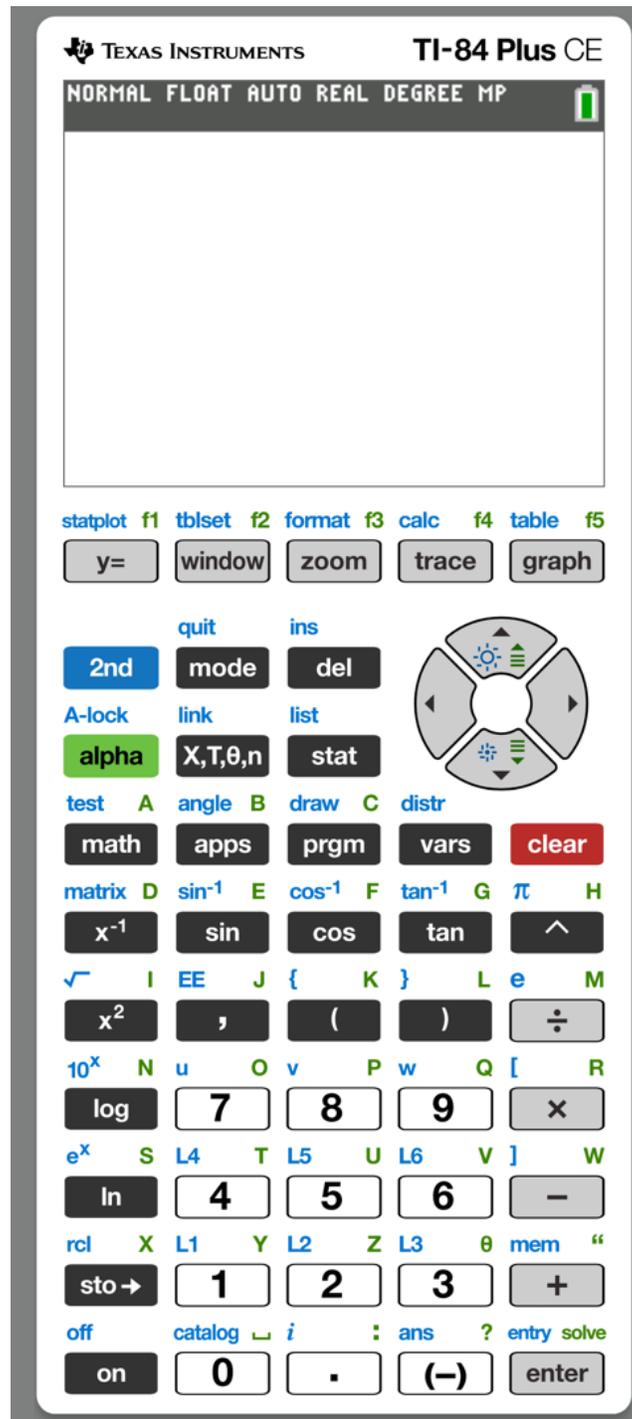


Mean, Median, and Mode

Using the TI-84 Plus CE Calculator



How many pets do you have?

3,2,0,1,0,2,0,4,1,2

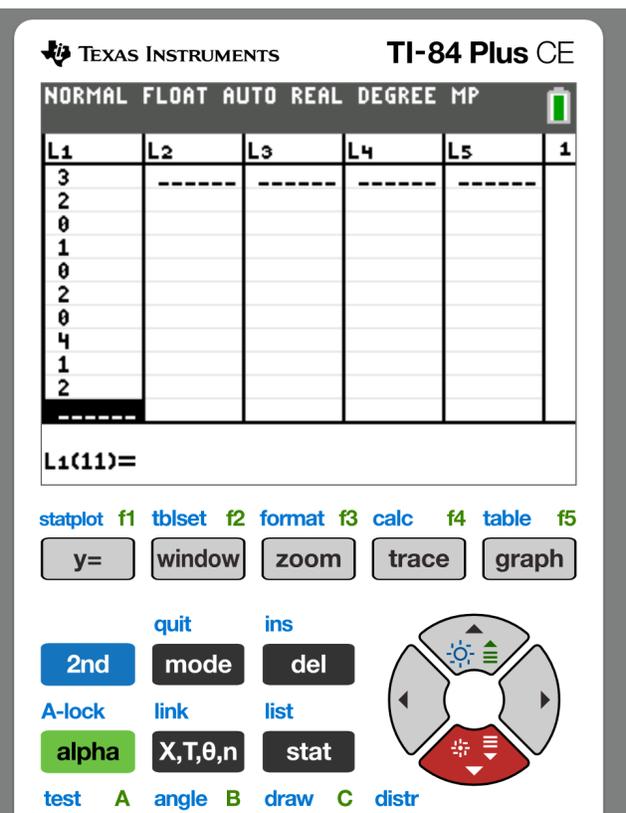
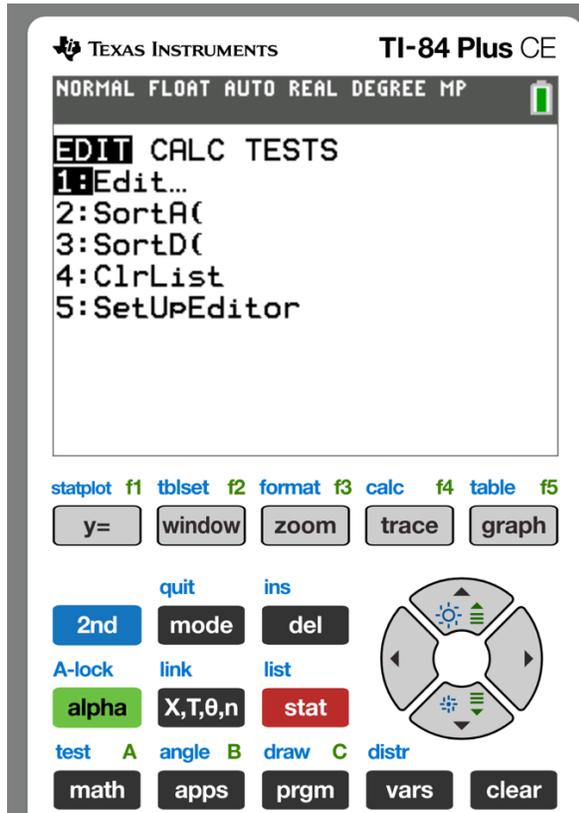
You will need to enter these data values into the TI-84 Plus CE calculator as a list named L_1 by following the procedures below.

TI-84 Plus CE

1. Click on **STAT** and **Edit** then **Enter**

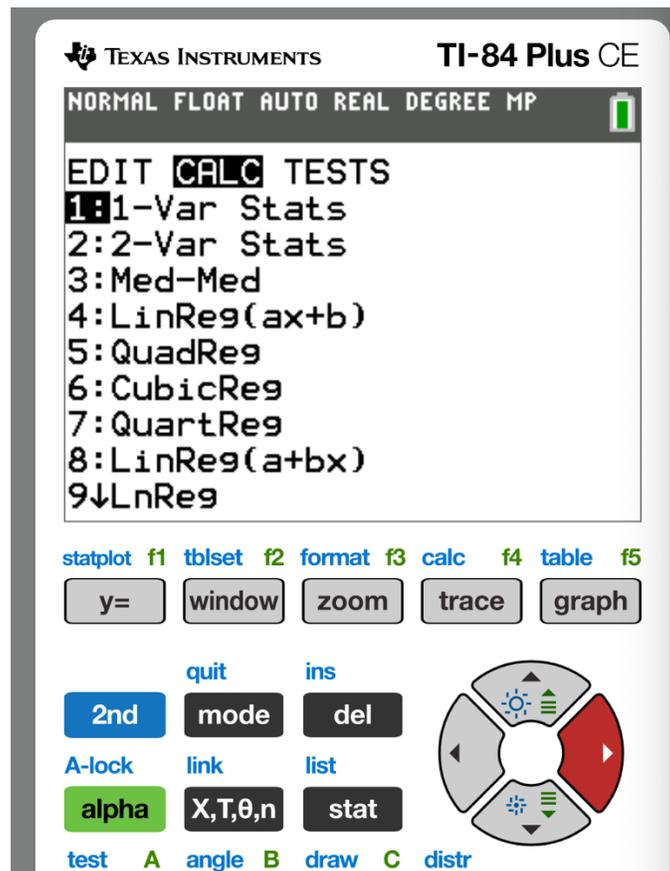
This will get you to the list called L_1

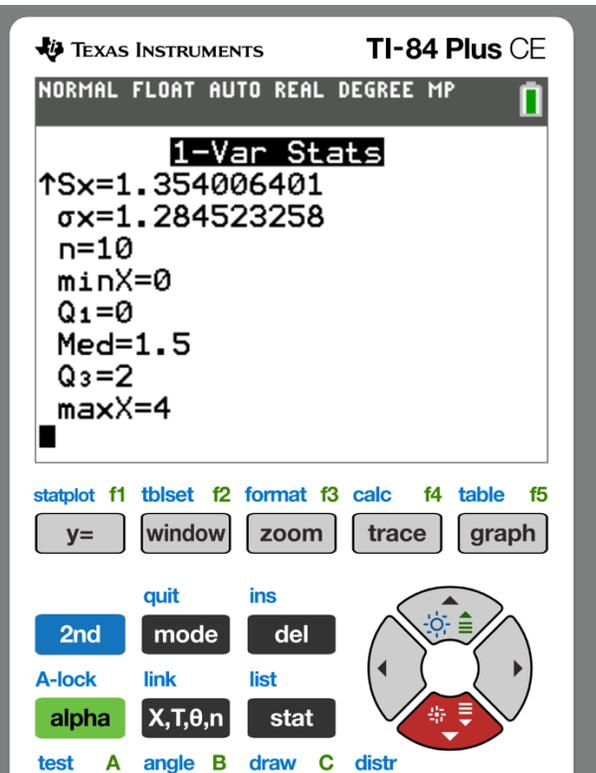
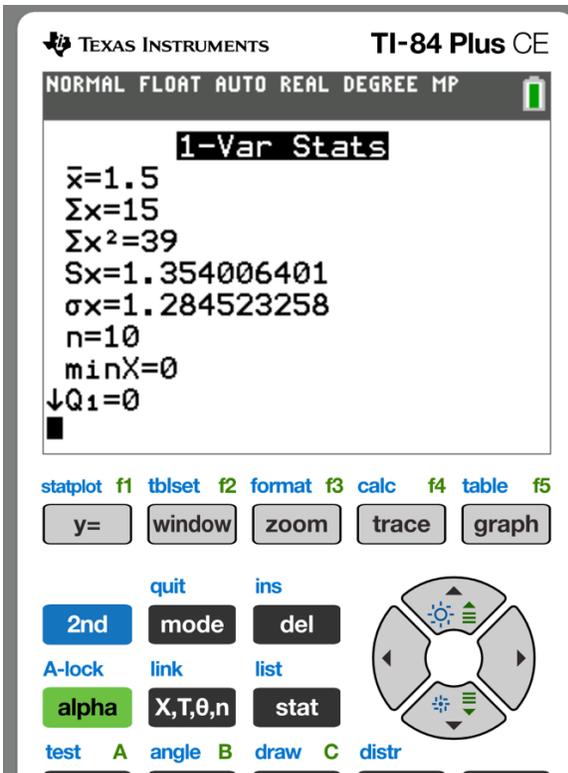
2. Enter your data set.



TI-84 Plus CE

1. Click on **STAT** and **Edit**
2. Click **STAT** move the cursor to **CALC**.
3. Click on **1-Var-Stats**
4. Make sure List is on **L₁** then **Calculate**





The mean and median are indicated in the **TI-84 Plus CE calculator**

$$\bar{x} = 1.5$$

$$\text{median} = 1.5$$

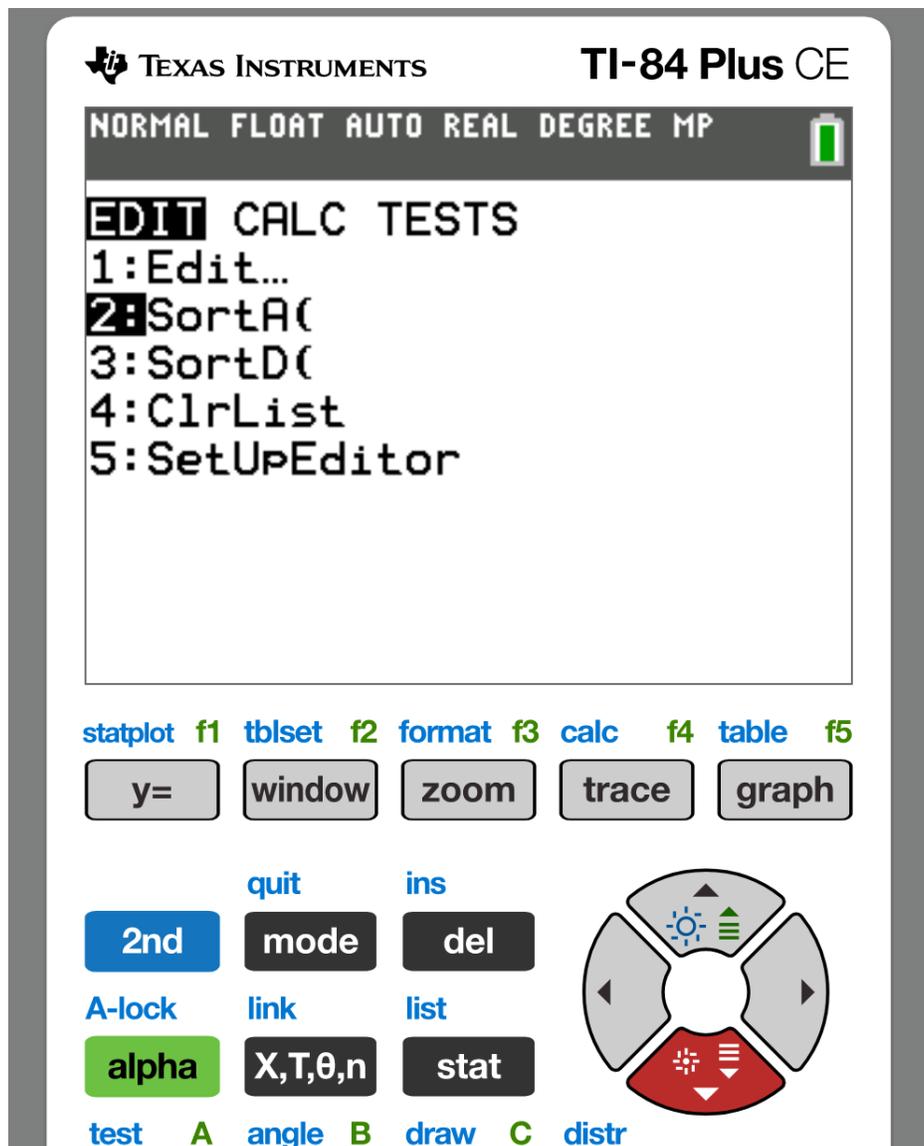
To get the **mode**, you will need to follow the instructions below.

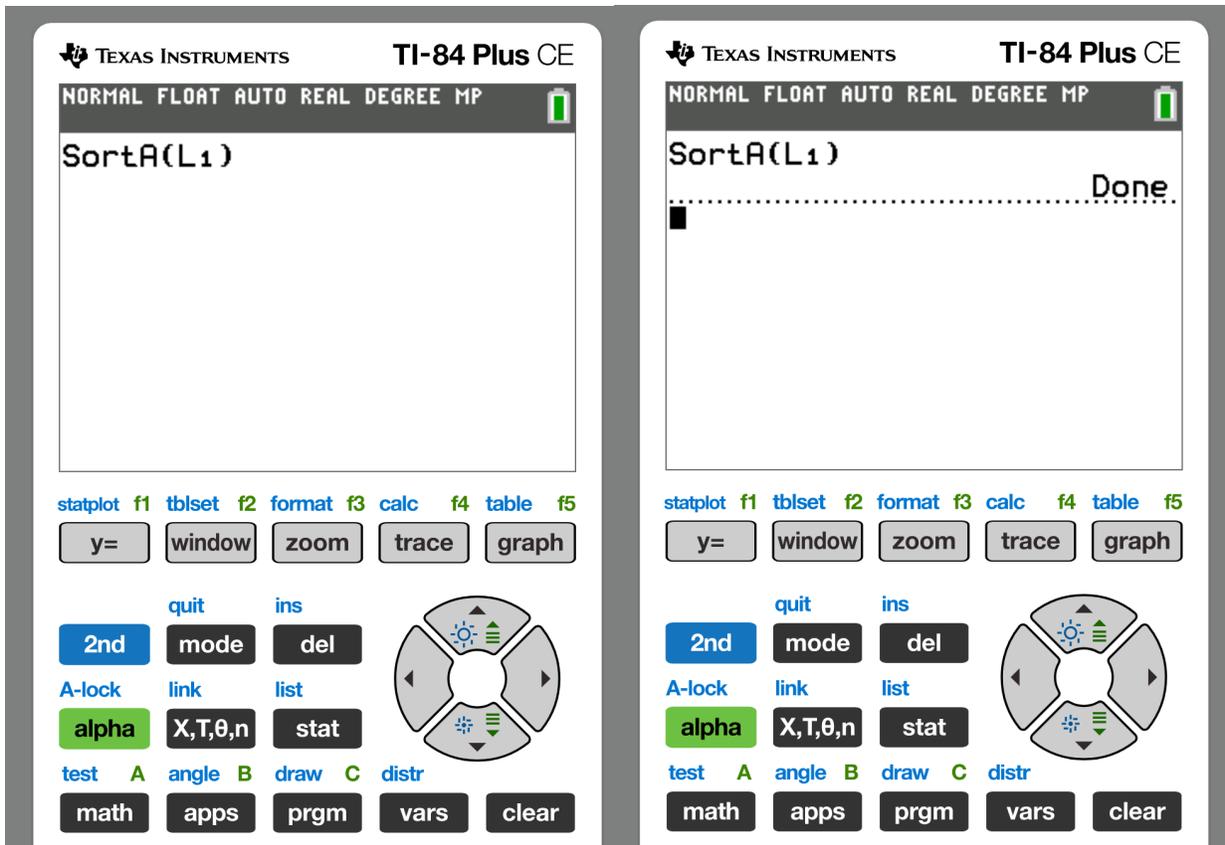
TI-84 Plus CE

1. Click on **STAT** and **SortA(** then **Enter**

This will need to enter L_1

2. Press **2nd** and then the **1 key** and **)** press enter.

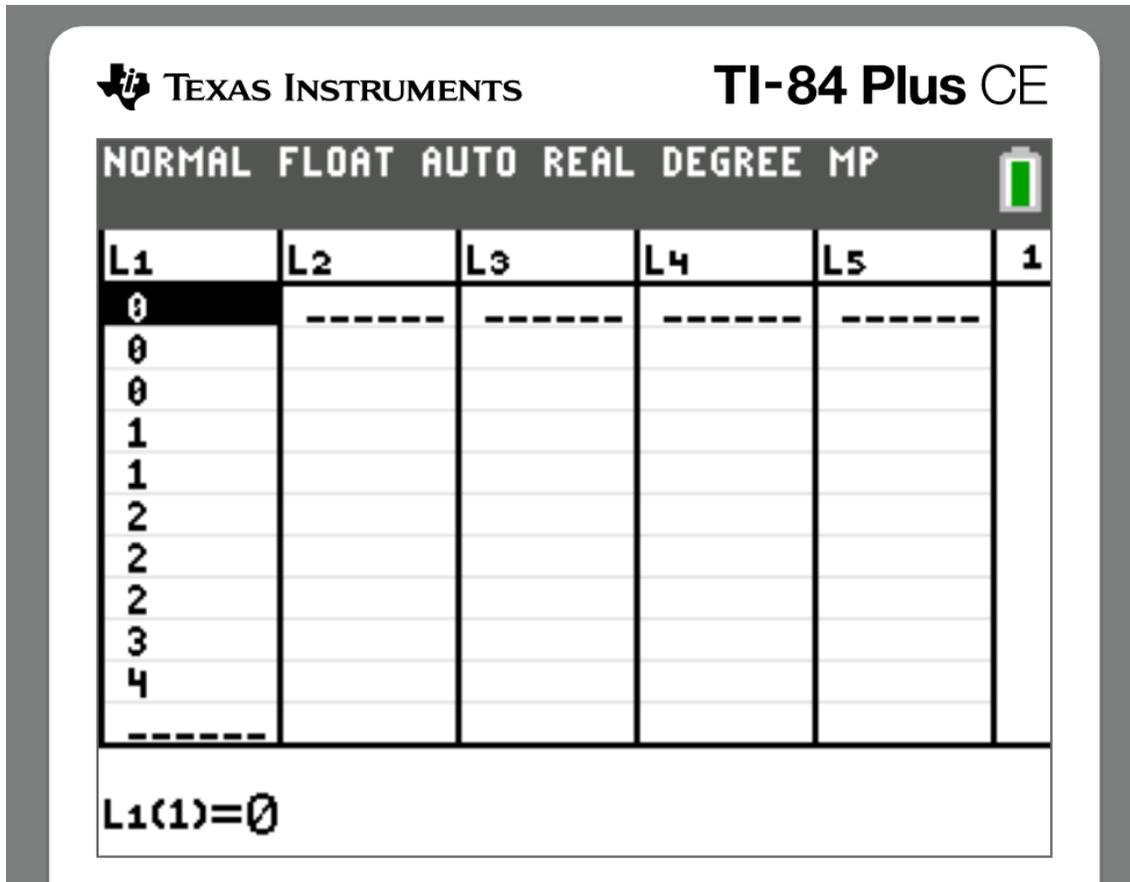




What you have done is sorted your data from smallest to largest. You will now want to view the data list called L_1 to visually determine the mode.

TI-84 Plus CE

1. Click on **STAT** and **Edit** then **Enter**



Visually, we can identify the mode by observing the data value(s) with the highest frequency.

Mode = 0 and 2