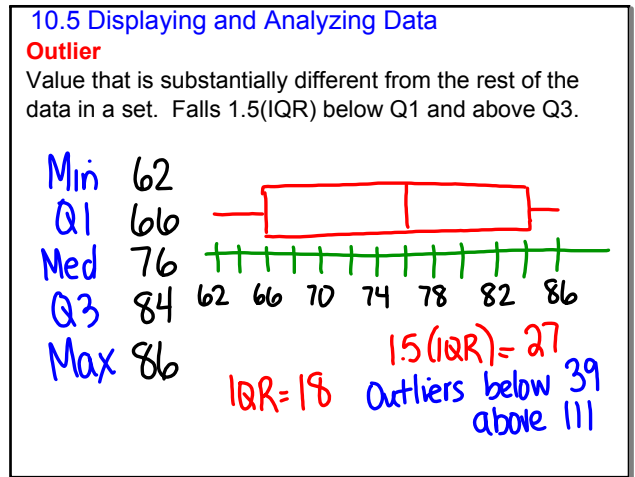


Apr 15-6:11 PM



Apr 14-1:20 PM

We have all these ways of displaying data, and have learned to calculate the 5-number summary, mean and mode. How can we use the calculator to speed up the process?

Entering Data:

Location	J	F	M	A	M	J	J	A	S	O	N	D
St. Petersburg, Florida	62	64	68	74	80	84	86	86	84	78	70	64

- Press the keys: **STAT**, **EDIT**, **1**: Edit... , **ENTER**

In L1 enter the Data

Sorting Data:

- Press the keys: **STAT**, **EDIT**, **2**: SortA(, **ENTER**
- Type L1 (2nd 1), **ENTER**

If you go back to edit, you will see that your list is now in order!

Apr 14-1:20 PM

- Press the keys: **STAT**, arrow over and highlight **CALC** , **ENTER**
- Choose 1: 1-Var Stats
- Type L1 (2nd 1), **ENTER**

1-Var Stats

- mean $\bar{x} = 76$
- sum $\Sigma x = 900$
- $\Sigma x^2 = 68424$
- $Sx = 3.16515139$
- $\sigma x = 8.774964387$
- # of data $n = 12$

5 number summary

- min = 62
- Q1 = 66
- Med = 76
- Q3 = 84
- max = 86

Apr 14-1:20 PM