

Standard Deviation – Calculator Instructions

Ex: Find the standard deviation of the following set of data: 11, 13, 14, 15, 17

TI-30XA

1. Input each data item followed by $\Sigma +$
2. 2^{nd} σ_{xn-1} (\sqrt{x} button)

11 $\Sigma +$ 13 $\Sigma +$ 14 $\Sigma +$ 15 $\Sigma +$ 17 $\Sigma +$ 2^{nd} σ_{xn-1} this gives 2.2361

2^{nd} CSR (7 key) clears memory

TI-30XIIS

1. 2^{nd} DATA
2. 1-var ENTER
3. DATA
4. Enter number and frequency – use down arrow between entries
5. Statvar
6. Use Sx

Follow the first three steps. For step 4 input data item, hit down key, input 1 (this is frequency – may adjust accordingly or may input each number every time it appears). Once you have all data input hit Statvar – gives additional info such as mean, make sure you use Sx.

TI-30XS MULTIVIEW

1. Data – pulls up table with three columns
2. Input data items into L1 and frequency into L2. If frequency is all 1, do not input into L2.
3. 2^{nd} Stat (Data key)
4. 1-Var Stats (make sure this is highlighted) ENTER
5. Highlight correct data table L1 and correct FRQ table – notice there is a choice for one
6. Highlight CALC
7. ENTER
8. Use Sx

TI-83/84

1. STAT
2. EDIT ENTER
3. Input data items into L1 and frequency into L2. If frequency is all 1, do not input into L2.
4. STAT CALC 1-VAR STATS ENTER
5. 2^{nd} LIST (STAT Key) Highlight correct data table L1 and correct FRQ table ENTER
6. ENTER
7. Use Sx