
TI-30XIIS, TI-30XIIB, TI-34X

■ 1. Data IN - Enter data values into your calculator

Data values used for this example: 5, 7, 10, 20

Press: $\boxed{2\text{nd}} \boxed{\text{STAT}} \boxed{1\text{-VAR}} \boxed{\text{Enter}}$

Press: $\boxed{\text{DATA}} X_1 = \boxed{5} \boxed{\downarrow} \boxed{\downarrow} X_2 = \boxed{7} \boxed{\downarrow} \boxed{\downarrow} X_3 = \boxed{10} \boxed{\downarrow} \boxed{\downarrow} X_4 = \boxed{20}$

You should not change the value of FRQ (Frequency) for any of the data values. You can review the values entered by using the up cursor key $\boxed{\uparrow}$ and down cursor key $\boxed{\downarrow}$.

■ 2. Calculate

Press: $\boxed{\text{STATVAR}}$

Move the underline from \underline{n} to \bar{x} to \underline{Sx} using the right cursor key $\boxed{\rightarrow}$. The variable n gives the number of data values entered, \bar{x} is the mean of the data values, and Sx is the standard deviation s of the data values. For the example data set, $n = 4$, $\bar{x} = 10.5$, and $s = 6.658328118$.

■ 3. Data OUT - Clear data values from your calculator

Press: $\boxed{2\text{nd}} \boxed{\text{STAT}} \boxed{\rightarrow} \boxed{\rightarrow} \boxed{\text{CLRDATA}} \boxed{\text{Enter}}$