

TI-30Xa

Entering Data

- Press (2nd) CSR.
 - This will delete any previously stored data.
 - If there isn't any stored data, the display will indicate "Error." Press ON/C to clear message.
- Key in first number. Press $\Sigma+$.
 - Repeat for each data value.
 - The display will show the current number of data points stored in the list each time $\Sigma+$ is pressed.

Sample Mean (\bar{x})

- Enter the data as described above.
- Press (2nd) \bar{x} . The mean is then displayed.

Sample Standard Deviation (s^2)

- Enter the data as described above.
- Press (2nd) s^2 . The sample standard deviation is then displayed.

Correlation (r)

- Enter the x-values as described above.
- Press (2nd) Σx and record the value. Press (2nd) Σx^2 and record the value.
- Enter the y-values as described above.
- Press (2nd) Σy and record the value (this is actually Σy). Press (2nd) Σy^2 and record the value (this is actually Σy^2).
- Calculate xy for each data pair and record. Enter this list of values as described above.
- Press (2nd) Σxy and record the value (this is actually Σxy).
- Use equation 3.13 (pg. 96) to calculate r using the values found above.

Combinations & Permutations (${}_n C_r$ & ${}_n P_r$)

- Enter the number of "trials" (n).
- Press (2nd) ${}_n C_r$ for combinations, (2nd) ${}_n P_r$ for permutations.
- Enter the number of "successes" (r). Press = to calculate.