

00.By my initials, I swear no one has helped me & I have helped no one and I have not used artificial intelligence with this test. _____

000.My email address is : _____

0000. Print the test. Write work/answers on the test. Produce a digital copy. Rename it using ###.First.Last.T1 etc.

Attach it to email & send to green@mathnstuff.com or yellow@mathnstuff.com.

00000. Write your ###.Firstname.Lastname.T1.pg_ on each page or THAT PAGE WILL NOT BE GRADED!!!

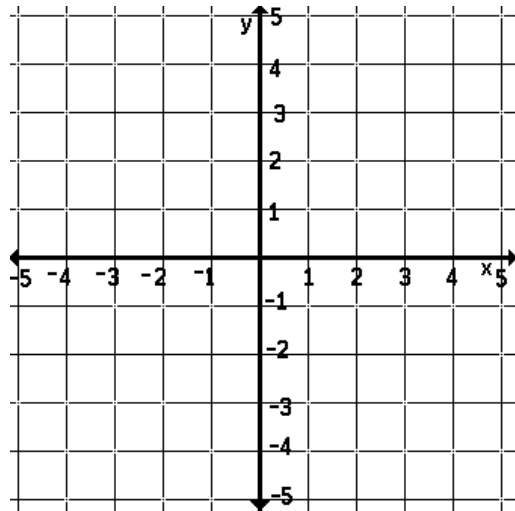
000000. State the web pages or text pages used on this assignment.

1. Complete the table used to compute a standard deviation using as many boxes as needed.

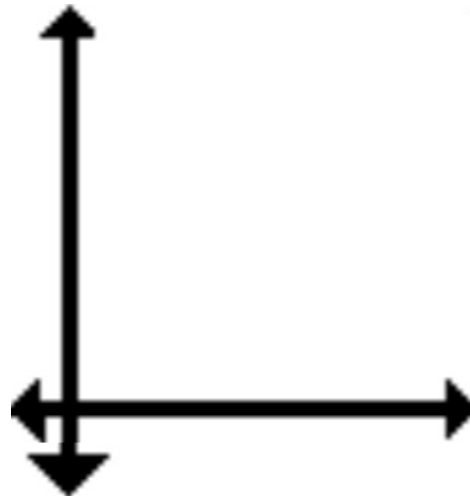
Show additional work just below and on the right.

data				
x				
2				
4				
6				
8				

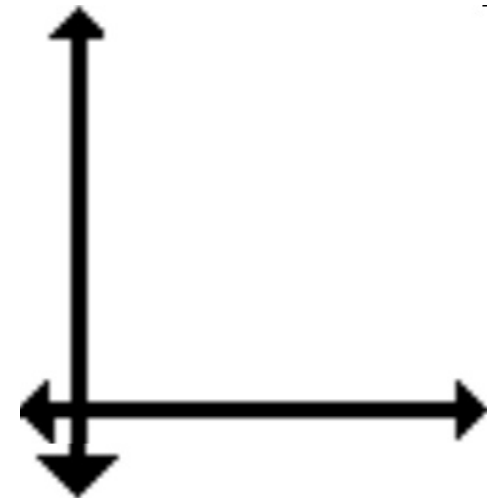
2. Draw the regression line $y = 2 - x$



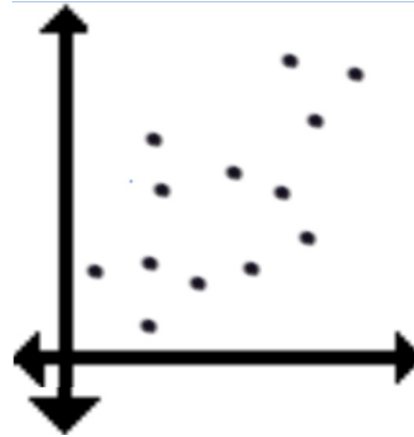
3. Draw a scatter plot for a sample with:
3a. strong positive correlation



3. Draw a scatter plot for a sample with:
3b. no obvious correlation



4. Do not do any pencil & paper or calculator computation.
Using your "gut" or understanding of the statistics,
draw a line of best fit for the given scatter plot.



5. Given: $L1 = \{2\ 5\ 4\ 9\ 7\}$ and $L2 = \{3\ 6\ 8\ 4\ 1\}$

5a. By symbol, list the 2-variable statistics the TI84 computes when commanded to compute 2-variable statistics.

5b. For each symbol in 5a., state the value the computation produces.

6. State the symbol and the vocabulary word(s) that "expressed as a percent, this represents the percent of variation in the dependent variable y that can be explained by variation in the independent variable x using the regression line."