

<Name of problem>

Exercise 1 and 2

On a Lists and Spreadsheets page, use the cursor or arrows to go to the head of column A. Name column A set1 (no space)

Press tab to go to the head of column B. Name column B set2.

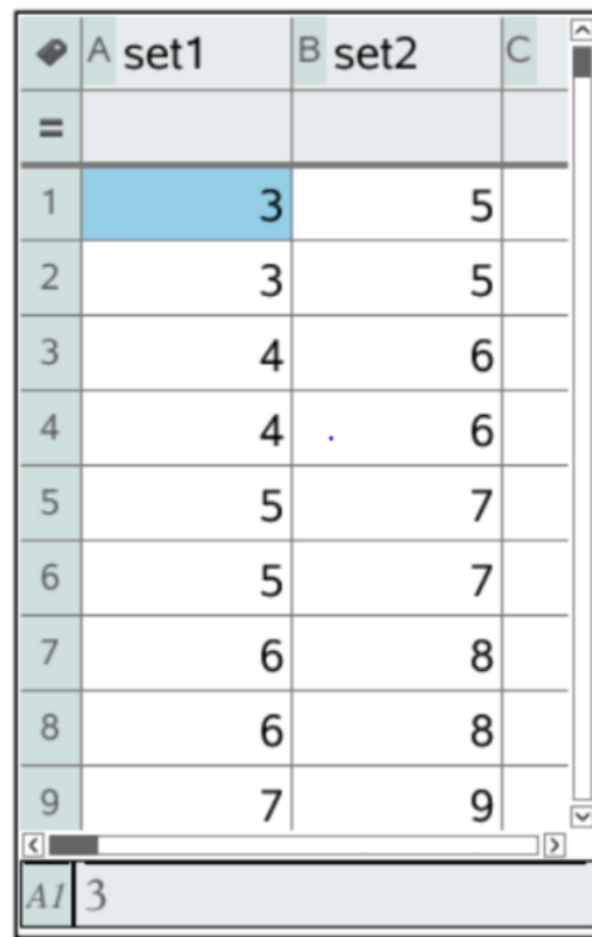


	A set1	B set2	C
=			
1			
2			

Using the arrow keys to maneuver between cells, go to cell A1.

Enter your data for Set 1 in column A. Enter your data for Set 2 in column B.

When you have finished entering the data, go to cell B1.



	A set1	B set2	C
=			
1	3	5	
2	3	5	
3	4	6	
4	4	6	
5	5	7	
6	5	7	
7	6	8	
8	6	8	
9	7	9	

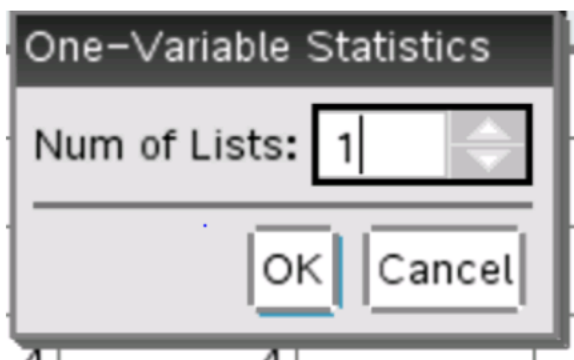
Press menu and choose the following

4: Statistics

1: Stat Calculations

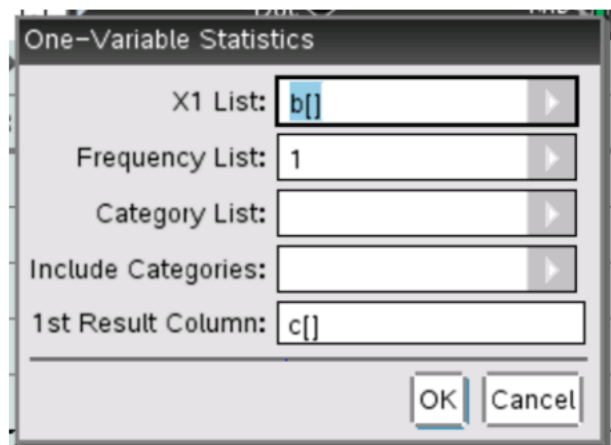
1: One-Variable Statistics...

This window will pop up



Press enter or click on OK

This window will pop up



Click on the triangle to the right of the X1 List box (you may have to click twice) to get a pop up menu. Choose set1. Make sure 1st Result Column is the first empty spreadsheet column. (In this case it should be c[])

Click on OK

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Mean, Standard Deviation, Five Number Summary

You should now have this

	A set1	B set2	C	D
=				=OneVar('
1	3	5	Title	One-Va...
2	3	5	\bar{x}	7.
3	4	6	Σx	119.
4	4	6	Σx^2	953.
5	5	7	$s_x := s_{n-...}$	2.73861
6	5	7	$\sigma_x := \sigma_{n...}$	2.65684
7	6	8	n	17.
8	6	8	MinX	3.
9	7	9	Q_1X	4.5
10	8	9	MedianX...	7.
11	8		Q_3X	9.5
12	9		MaxX	11.
13	9		$SSX := \Sigma..$	120.
AI	3			

mean

sum of data

sum of squares

sample standard deviation

population SD

number of data

minimum

quartile1

median

quartile3

maximum

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Menu

Statistics

Stat Calculations

One-VariableStatistics

This time the X list will be
set2

Make sure 1st Result
Column is e[]

	A set1	B set2	C
=			
1	3	5	Title
2	3	5	\bar{x}
3	4	6	Σx
4	4	6	Σx^2
5	5	7	$s_x := s_{n-1}$

A1 3

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	A set1	B set2	C	D	E	F
=				=OneVar('		=One
1	3	5	Title	One-Va...	Title	One-
2	3	5	\bar{x}	7. \bar{x}		
3	4	6	Σx	119. Σx		
4	4	6	Σx^2	953. Σx^2		
5	5	7	$s_x := s_{n-...}$	2.73861	$s_x := s_{n-...}$	1.4
6	5	7	$\sigma_x := \sigma_{n...}$	2.65684	$\sigma_x := \sigma_{n...}$	1.4
7	6	8	n	17. n		
8	6	8	MinX	3. MinX		
9	7	9	Q_1X	4.5 Q_1X		
10	8	9	MedianX...	7. MedianX...		
11	8		Q_3X	9.5 Q_3X		
12	9		MaxX	11. MaxX		
A1 3						