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You will discover that we have placed several equation formulas that you may use in the near of far future. We have also provided you with answer to accommodate each equation making sure you fully comprehend what is being written. Just type in the equation that is listed for each section and then if you have an error message it maybe that you have written the equation incorrectly. This again is a spreadsheet you will find necessary to save in our redundant google account. Considering the future you will be thankful that you have saved al of these lessons. Make certain you have created a folder to facilitate this storage. Place your name at the top along with Lesson 16. You may or may not use the absolute for each equation. If all depends on how you do a fill down or how if you want to save time. The figure below illustrates what needs to be done. It may be easier if you look at it as your type in the equations.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Can You figure out the formulas used to …?																
2																		
3		DATA APPEARS IN GREEN					# of Students by Age										Answers	
4		all other numbers are calculated					13 years	2		H4: =COUNTIF(D$6:D$15,13)							2	
5		Student ID	SEX	AGE	GPA		14 years	?									3	
6		101	m	14	3.50		15 years	?									4	
7		102	m	15	3.35		16 years	?									1	
8		103	f	15	3.25		total	?		=SUM(H4:H7)							10	
9		104	m	13	1.50		# of Students by GPA										3	
10		105	f	15	2.50		3.5 - 4.0	3		H10: =COUNTIF(E6:E15,">=3.5")							2	
11		106	m	14	1.90		3.0 - 3.5	?		H11: =COUNTIF(E6:E15,">=3.0")-COUNTIF(E6:E15,">=3.5")							2	
12		107	f	16	2.50		2.0 - 3.0	?		H12: =COUNTIF(E6:E15,">=2")-COUNTIF(E6:E15,">=3.0")							2	
13		108	m	15	3.75		1.0 - 2.0	?		H13: =COUNTIF(E6:E15,">=1.0")-COUNTIF(E6:E15,">=2.0")							1	
14		109	f	14	3.50		0.0 - 1.0	?		H14: =COUNTIF(E6:E15,">=0")-COUNTIF(E6:E15,">=1")								
15		110	m	13	0.95		total	?									6	
16							# of Students by Gender										4	
17		TEXT FUNTIONS					male	6		H17: =COUNTIF(C6:C15,"m")							10	
18		MICROSOFT					female	?										
19							total										.96	
20		MICRO		=LEFT(B18,5)													2.67	
21							Statistical Calculations										2.88	
22		SOFT		=RIGHT(B18,4)			Stdev	0.96		H22: =STDEV(E6:E15)							3.75	
23							Average	?		Can you highlight the area of concern and then give it a name							0.95	
24		OSO		=MID(B18,5,3)			Median	?		just like before? What do you think?							3.50	
25				=LEN(B18)			Max	?									10	
26		9					Min	?									0.80	
27							Mode	?										
28							Count	?										
29							Avedev	?										
30										Type your first middle and last name in Cell B30. Now adjust the function so that								
31																		
32										1. Your first name only prints out in cell B32								
33										2. Your last name only prints out in cell B34								
34										3. Your middle name only prints out in cell B36								
35										4. Length in cell B38								
36																		
37																		
38																		
39																		
40																		
41																		