



EXCEL Formulas 3

Helpful Hints	
Add	+
Subtract	-
Multiply	*
Divide	/

1. Open MS Excel
2. Save your blank worksheet as: **1OWF-Formulas 3 - last name**
3. Type your name (in cell A1) and type the numbers below into the correct cells. (lines 3 through 5).

	A	B	C	D
1	Student name			
2				
3	123	1417	852	9847
4	321	456	2852	963
5	741	654	789	3693
6				

4. Using cell referencing (cell names--A5 or C2, etc.), write formulas that will calculate the following work.
 *Note: Formulas in lines 7 through 10, refer to line numbers 3 through 5.

	A	B	C	D
7	123 add 321	456 times 321	654 add 3693 minus 123 times 852 div. by 321	852 div. by 741
8	741 div. by 123	2852 minus 9847	9847 times 123	963 add 321
9	3693 minus 654	3693 div, by 741	654 div, by 1417 add 852 add 456	456 times 2852
10	654 times 123	2852 add 1417	456 minus 1417	2852 minus 852

5. Type the numbers below into the correct cells. (lines 12 through 16).
6. Use the Excel lines below to answer questions 7, 8, 9, 10, 11, 12 and 13.
 *Note: See “hints” at the bottom.

	A	B	C	D	E	F
12	501	151	42	51	40	45
13	22	49	22	90	68	99
14	61	12	37	72	3	701
15	324	27	145	14	82	36
16	25	56	97	47	15	18
17	=sum(a12:a16)					
18						
19						
20						
21						
22						
23						

There should be six formulas on lines 17-21

In the formulas below you will need to use ranges using parentheses.

Example: =SUM(A12:A16)

7. On **line 17**, write a formula for **each column** that will **add** the numbers in lines 12 through 16
8. On **line 18**, write a formula for **each column** that will **average** the numbers in lines 12 through 16
9. On **line 19**, write a formula for **each column** that will **multiply** the numbers in lines 12 through 16
10. On **line 20**, write a formula for **each column** that will tell the **largest number** in lines 12 through 16
11. On **line 21**, write a formula for **each column** that will tell the **smallest number** in lines 12 through 16
12. In **Cell A22**, write a formula that will tell how many cells have information in them.
Include the cells A12 through B16.
13. In **Cell B22**, write a formula that will tell how many cells have information in them.
Include the cells C12 through F16.

Helpful Hints		
Sum	means	Add
Product	means	Multiply
Average	means	add and divide by the number of items
Min	means	Minimum or the smallest number
Max	means	Maximum or the largest number
Count	means	Count the number of cells that contain information

