

Excel Assignment #3

Ver 2

Sheet one:

Make a 0-12 multiplication that looks as follows:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	2	3	4	5	6	7	8	9	10	11	12
4	2	0	2	4	6	8	10	12	14	16	18	20	22	24
5	3	0	3	6	9	12	15	18	21	24	27	30	33	36
6	4	0	4	8	12	16	20	24	28	32	36	40	44	48
7	5	0	5	10	15	20	25	30	35	40	45	50	55	60
8	6	0	6	12	18	24	30	36	42	48	54	60	66	72
9	7	0	7	14	21	28	35	42	49	56	63	70	77	84
10	8	0	8	16	24	32	40	48	56	64	72	80	88	96
11	9	0	9	18	27	36	45	54	63	72	81	90	99	108
12	10	0	10	20	30	40	50	60	70	80	90	100	110	120
13	11	0	11	22	33	44	55	66	77	88	99	110	121	132
14	12	0	12	24	36	48	60	72	84	96	108	120	132	144

Use fill for the 0-12 counts in column A and row 1

Use ONE FORMULA (with proper use of \$) so that the one formula can be copied from cell B2 all the way to cell N14

Sheet 2:

Use fill to fill column A with the numbers -10 to 10 in steps of 1. In Column B calculate

$$y = \frac{a - bx + x^2}{c}$$

Where:

a is located in cell e1

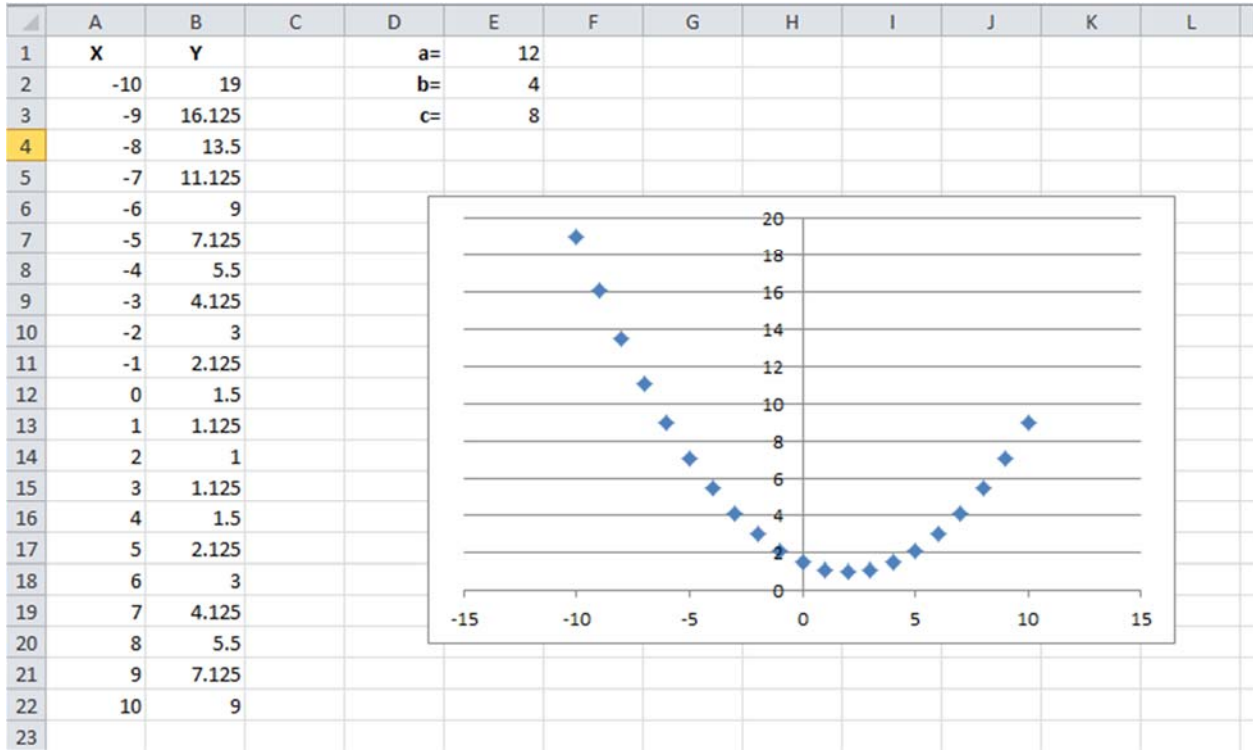
b is located in cell e2

c is located in cell e3

note: in excel the term 4^2 is entered as 4^2 .

Then graph the results on a scatter plot with column A being the X axis and Column B being the Y axis.

The final result should look like:



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Excel #3
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