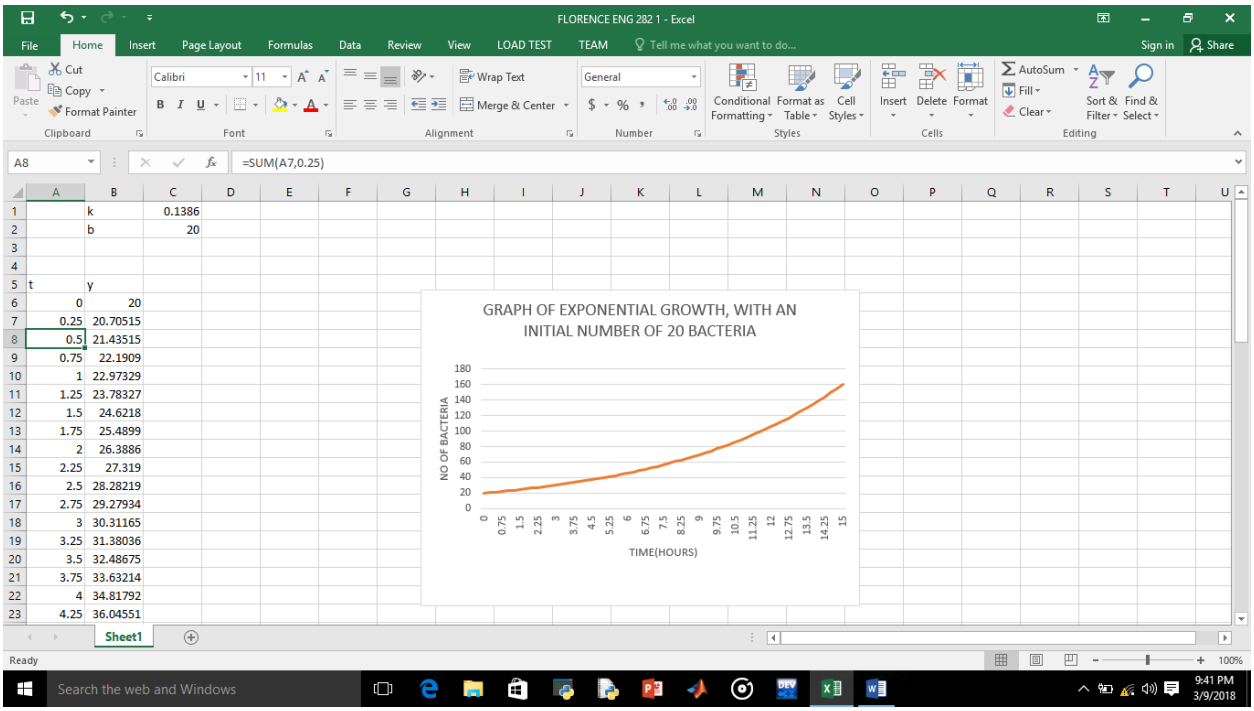
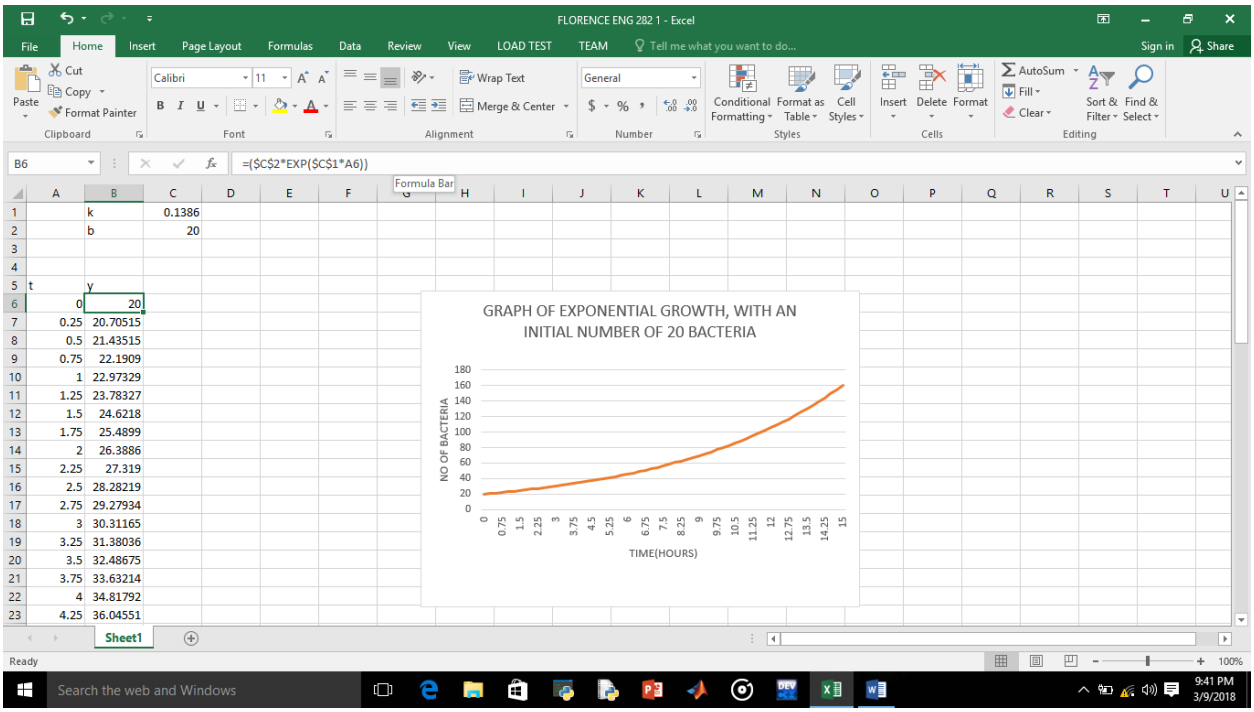
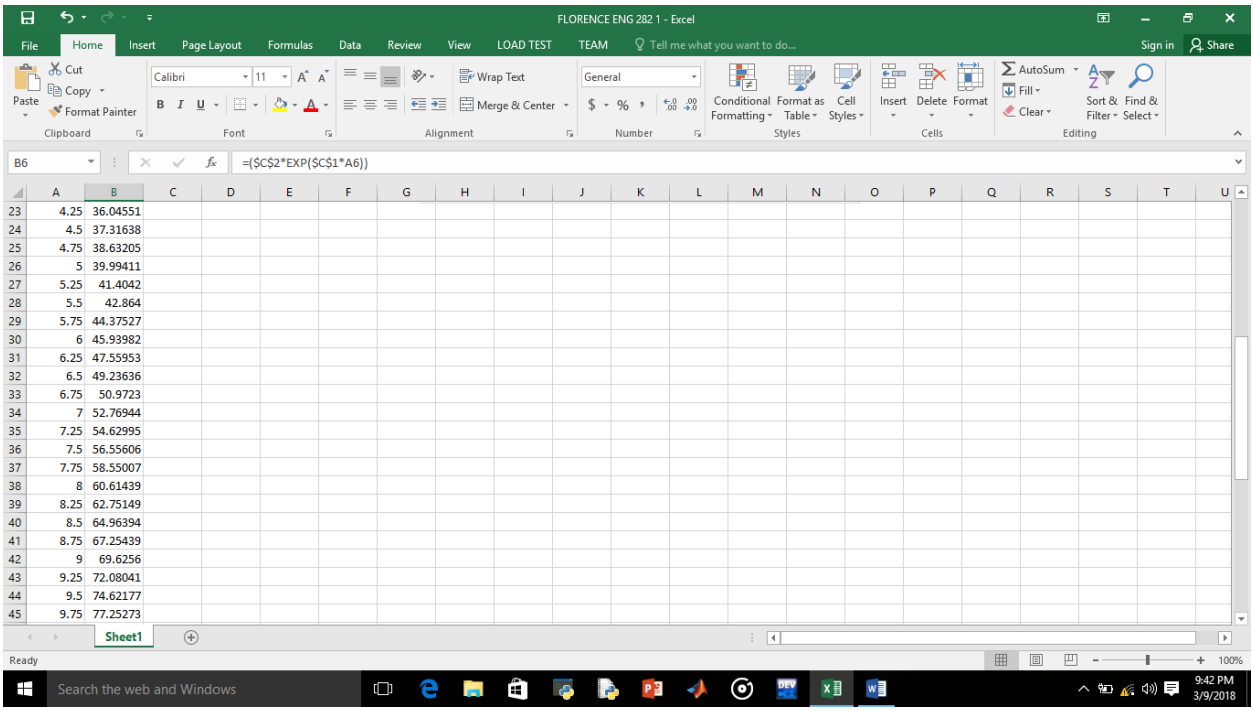
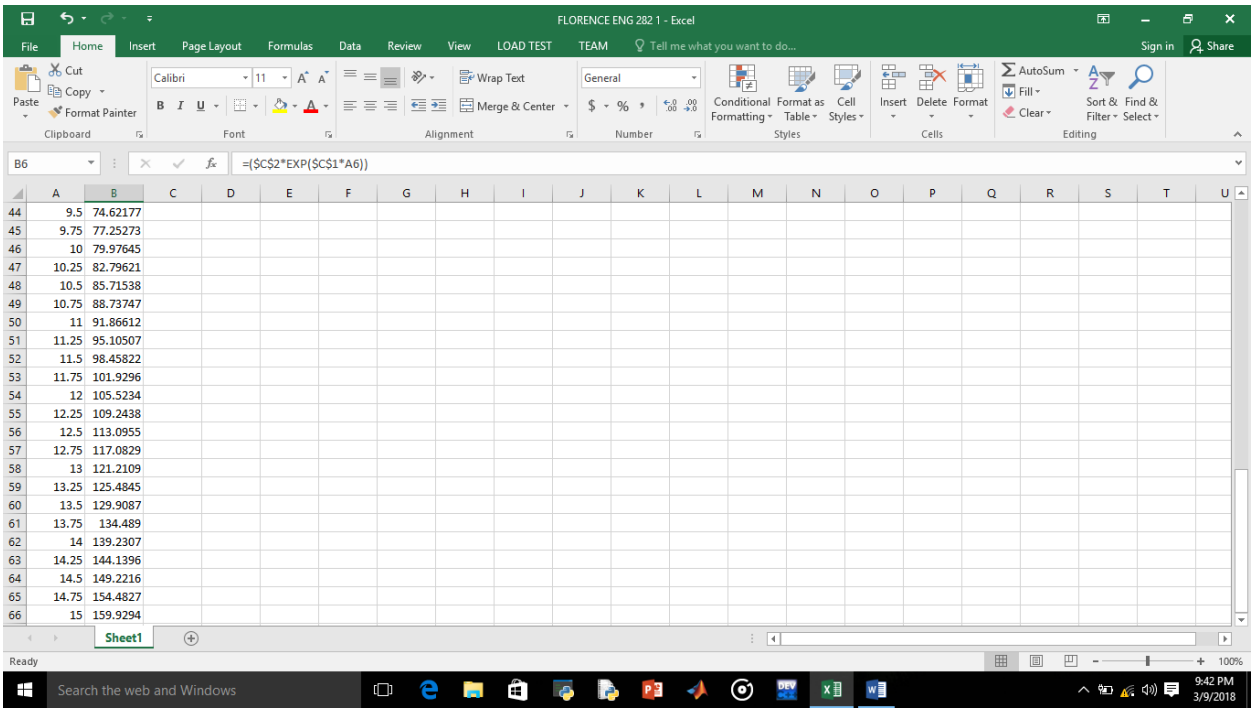

FLORENCE ENG 282 1 - Excel
=SUM(A7,0.25)
GRAPH OF EXPONENTIAL GROWTH, WITH AN INITIAL NUMBER OF 20 BACTERIA
NO OF BACTERIA
TIME(HOURS)
Sheet1
Ready
Search the web and Windows
9:41 PM
3/9/2018

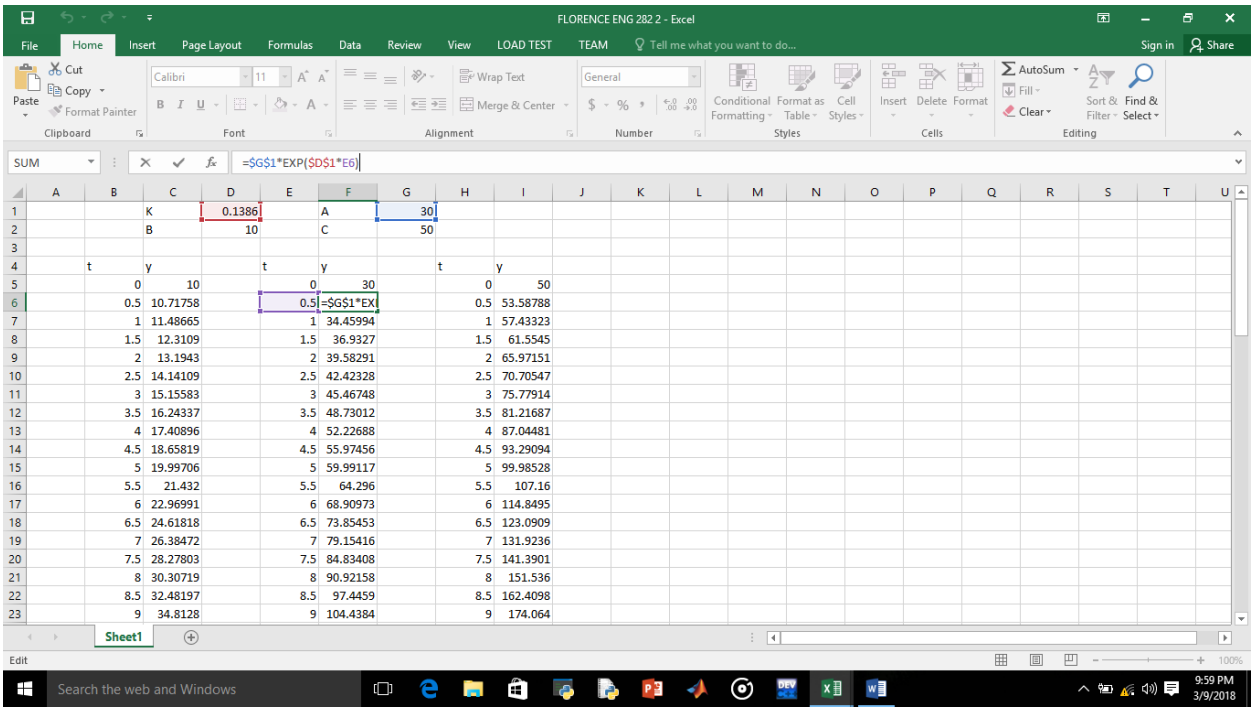

FLORENCE ENG 282 1 - Excel
=(C2*EXP(C1*A6))
Formula Bar
GRAPH OF EXPONENTIAL GROWTH, WITH AN INITIAL NUMBER OF 20 BACTERIA
NO OF BACTERIA
TIME(HOURS)
Sheet1
Ready
Search the web and Windows
9:41 PM
3/9/2018

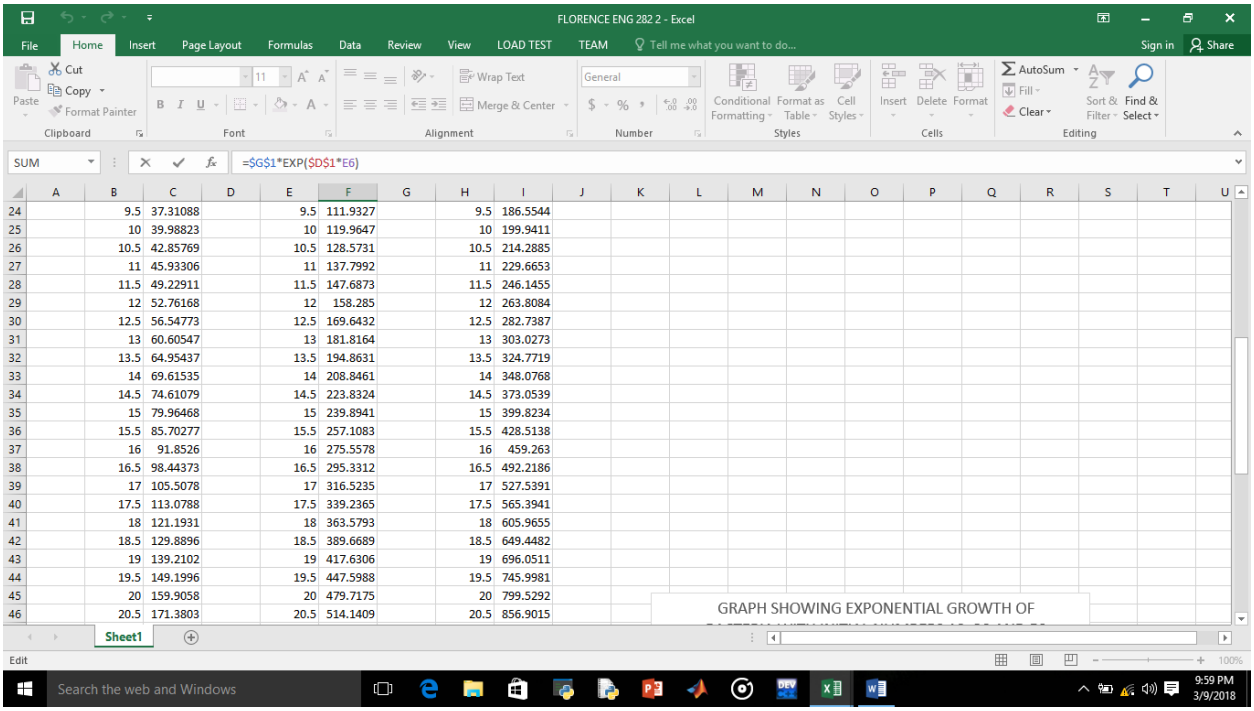


	A	B
23	4.25	36.04551
24	4.5	37.31638
25	4.75	38.63205
26	5	39.99411
27	5.25	41.4042
28	5.5	42.864
29	5.75	44.37527
30	6	45.93982
31	6.25	47.55953
32	6.5	49.23636
33	6.75	50.9723
34	7	52.76944
35	7.25	54.62995
36	7.5	56.55606
37	7.75	58.55007
38	8	60.61439
39	8.25	62.75149
40	8.5	64.96394
41	8.75	67.25439
42	9	69.6256
43	9.25	72.08041
44	9.5	74.62177
45	9.75	77.25273

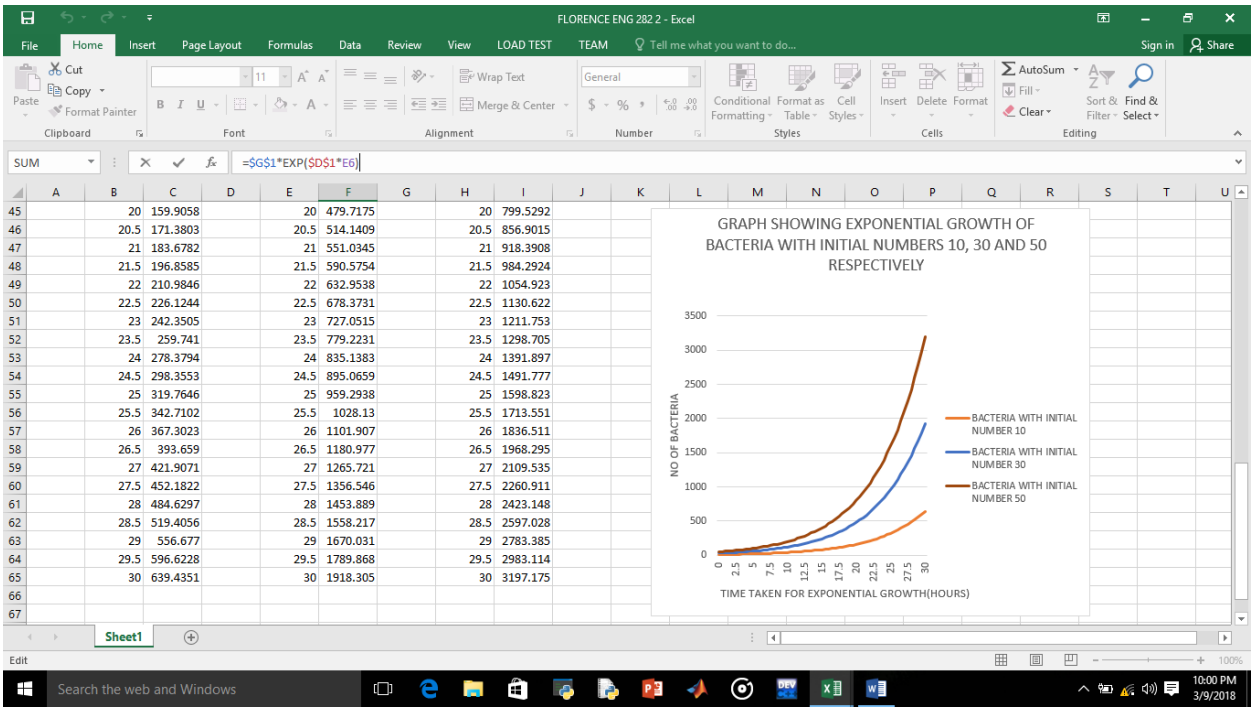


	A	B
44	9.5	74.62177
45	9.75	77.25273
46	10	79.97645
47	10.25	82.79621
48	10.5	85.71538
49	10.75	88.73747
50	11	91.86612
51	11.25	95.10507
52	11.5	98.45822
53	11.75	101.9296
54	12	105.5234
55	12.25	109.2438
56	12.5	113.0955
57	12.75	117.0829
58	13	121.2109
59	13.25	125.4845
60	13.5	129.9087
61	13.75	134.489
62	14	139.2307
63	14.25	144.1396
64	14.5	149.2216
65	14.75	154.4827
66	15	159.9294





GRAPH SHOWING EXPONENTIAL GROWTH OF



	A	B	C	D	E	F	G	H	I	J	K
45		20	159.9058		20	479.7175		20	799.5292		
46		20.5	171.3803		20.5	514.1409		20.5	856.9015		
47		21	183.6782		21	551.0345		21	918.3908		
48		21.5	196.8585		21.5	590.5754		21.5	984.2924		
49		22	210.9846		22	632.9538		22	1054.923		
50		22.5	226.1244		22.5	678.3731		22.5	1130.622		
51		23	242.3505		23	727.0515		23	1211.753		
52		23.5	259.741		23.5	779.2231		23.5	1298.705		
53		24	278.3794		24	835.1383		24	1391.897		
54		24.5	298.3553		24.5	895.0659		24.5	1491.777		
55		25	319.7646		25	959.2938		25	1598.823		
56		25.5	342.7102		25.5	1028.13		25.5	1713.551		
57		26	367.3023		26	1101.907		26	1836.511		
58		26.5	393.659		26.5	1180.977		26.5	1968.295		
59		27	421.9071		27	1265.721		27	2109.535		
60		27.5	452.1822		27.5	1356.546		27.5	2260.911		
61		28	484.6297		28	1453.889		28	2423.148		
62		28.5	519.4056		28.5	1558.217		28.5	2597.028		
63		29	556.677		29	1670.031		29	2783.385		
64		29.5	596.6228		29.5	1789.868		29.5	2983.114		
65		30	639.4351		30	1918.305		30	3197.175		
66											
67											