What Did Dr. Frug's Wife Say When Dr. Frug Said He Needed to Spend More Time Studying Bacteria?

Complete the table and graph. For table cells with letters, write the letter in the corresponding box at the bottom of the page. (Answers are rounded.)

Dr. Frug has three kinds of bacteria in three lab dishes. Each dish contains 100 cells. However, in Dish A, the number is increasing 10% each hour. In Dish B, the number is increasing 30% each hour, and in Dish C, the number is increasing 50% each hour. Complete the table and graph to show the number of cells in each dish for the next 9 hours.
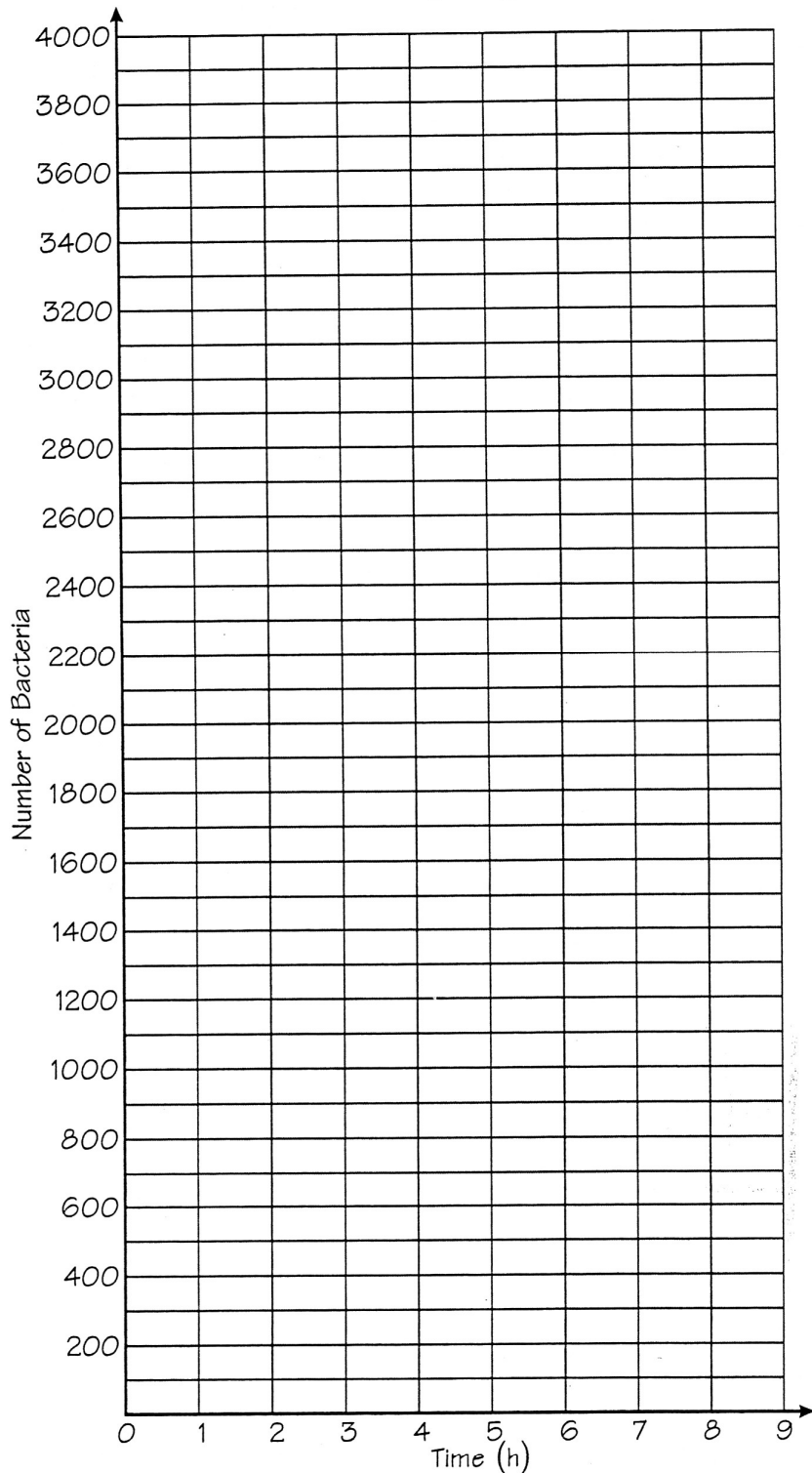
Let t = Time (h)

A = Number of bacteria in lab dish A.

B = Number of bacteria in lab dish B.

C = Number of bacteria in lab dish C.

t	A	B	C
0	100	100	100
1	**O**		**O**
2		**I**	
3		**T**	
4	**I**		**B**
5		**L**	
6			**L**
7	**H**		**N**
8		**D**	
9	**A**		**C**

233	150	195	915	816	110	1709	220	1911	506	236	3844	146	371	1139	169	480