Problem statement The following information is a section of an *exceptionally* sloppy laboratory scientist's notebook.

Time	# of bacteria
9:30 AM	8.20×10^5
BLOB (Chicken soup)	1.05×10^6
11:15 AM	1.44×10^6
1:30 PM	BLOB (Chocolate pudding)

Assume the rate of growth of the bacteria is directly proportional to the number of bacteria present. Use this assumption and the given information to reconstruct the missing data as well as you can.