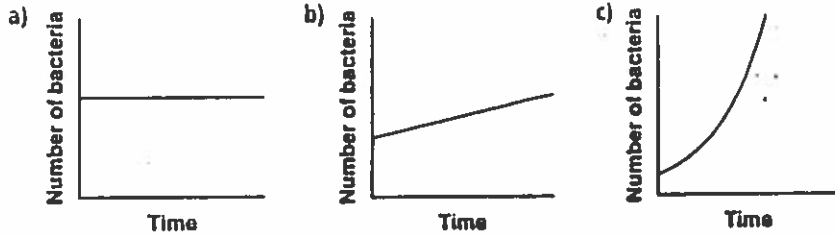
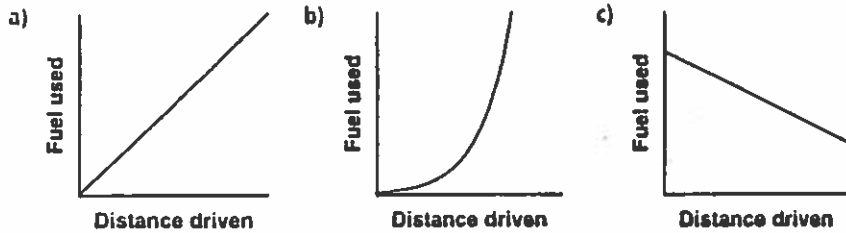


In questions 1 to 4, choose the graph that best represents the given description. Justify your choice.

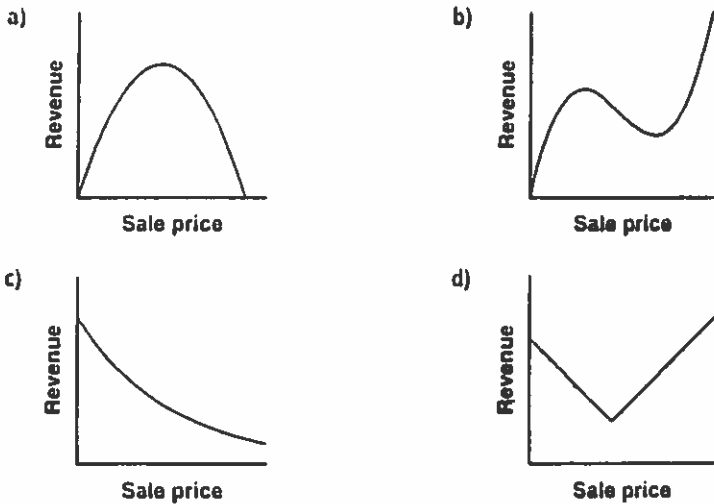
1. The number of bacteria in a laboratory colony increases over time, slowly at first and then more rapidly.



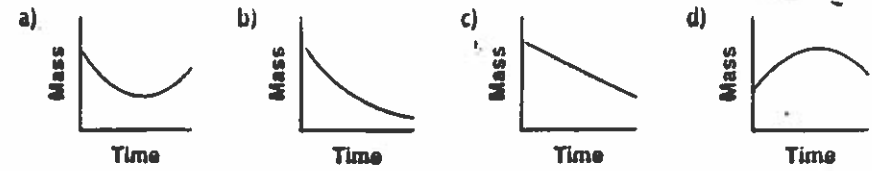
2. The fuel used increases steadily as the distance driven increases.



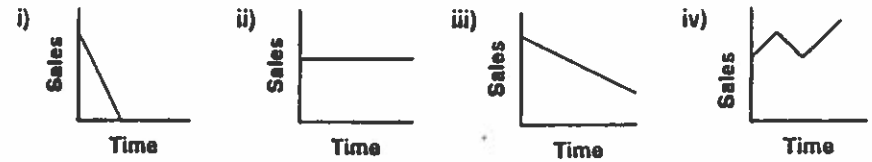
3. As the price increases, the revenue earned increases, reaches a maximum, then decreases.



4. The radioactive substance decayed over time, rapidly at first and then more slowly.



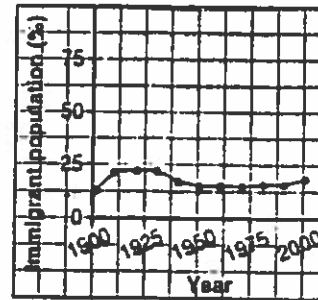
5. Match each graph with the statement that best describes it. Which words gave clues about the shape of the graph?



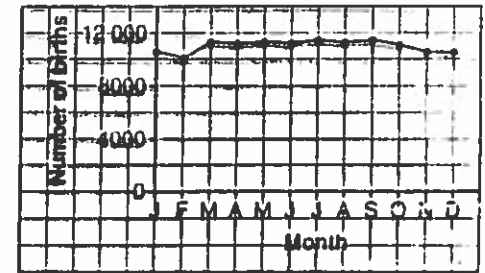
- a) Sales have fallen dramatically over the last year.  
 b) Sales have fallen steadily over the last year.  
 c) Sales have remained constant over the last year.  
 d) Sales have fluctuated over the last year.

6. Describe the trends in each graph.

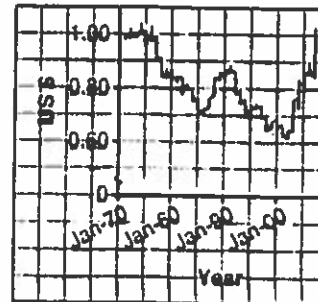
a) Percent of Immigrants in the Population of Canada



b) Number of Births in Each Month in 2004



c) Value of \$1 Can in US Dollars



d) Maximum Safe Heart Rate During Exercise

