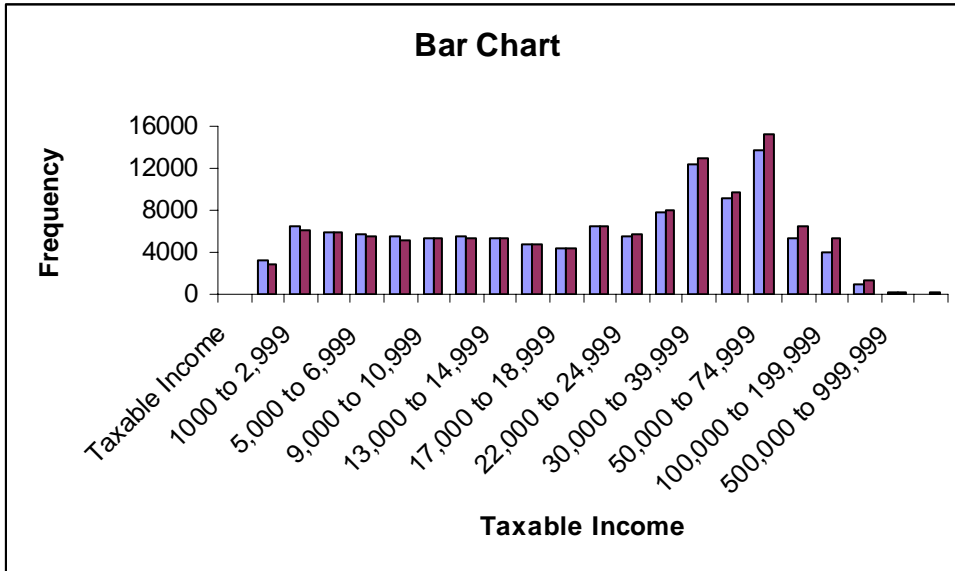
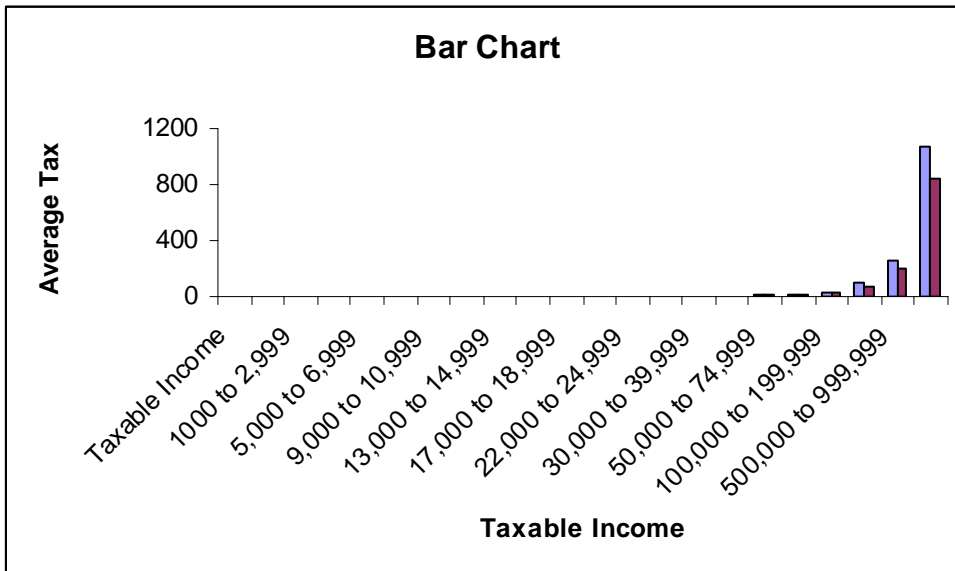


# Chapter 3

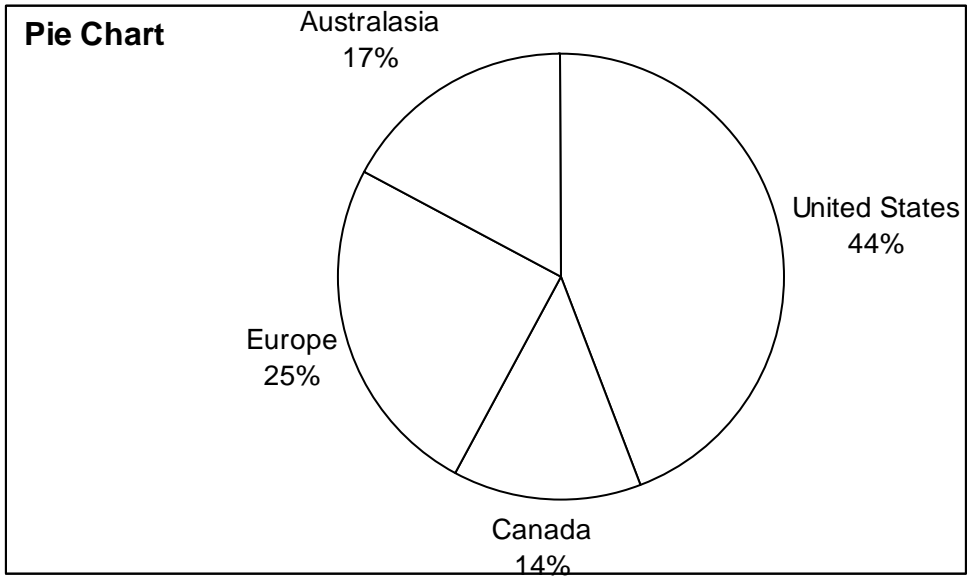
## 3.1 Number of returns:



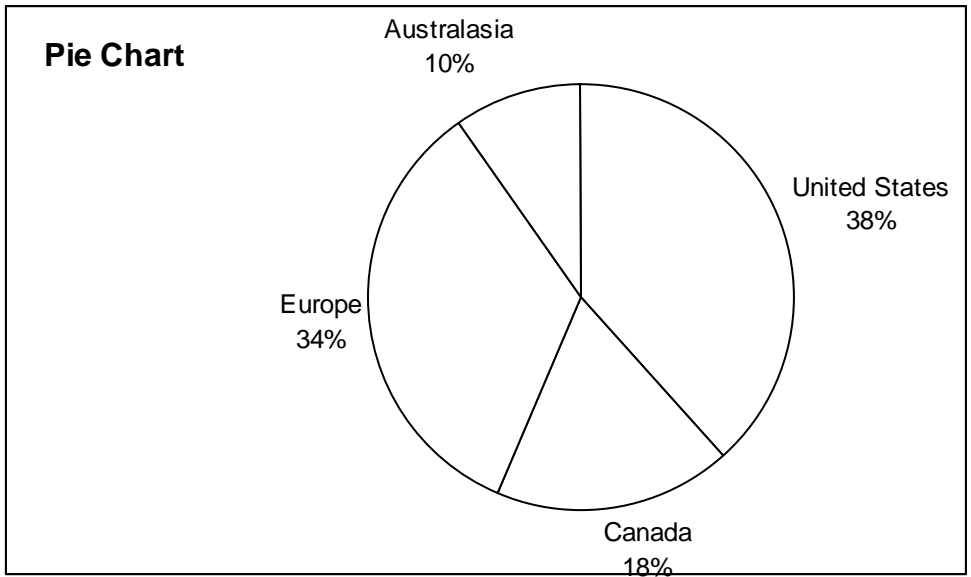
## Average tax:



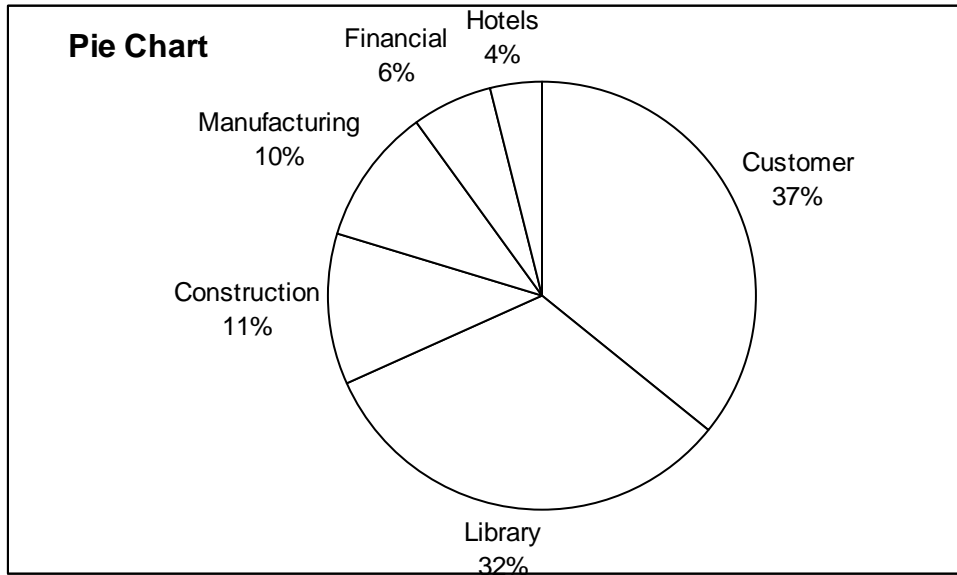
3.2 Region: Sales: Last year



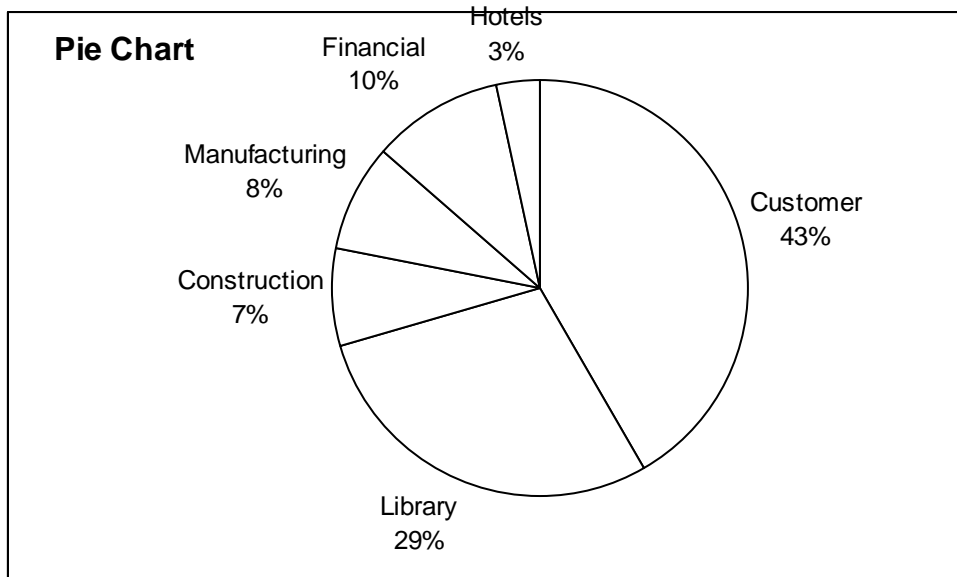
Region: Sales: Previous year



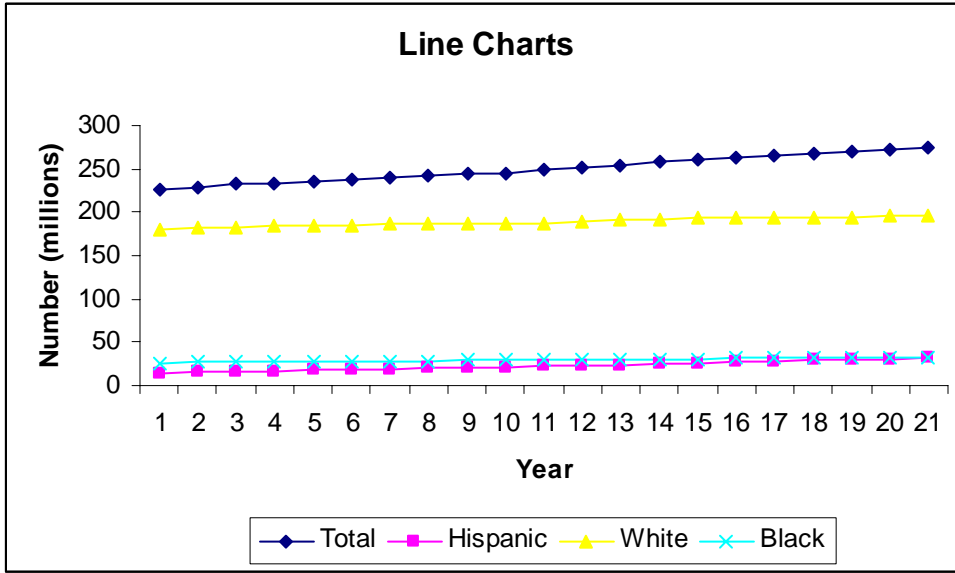
Division: Sales: Last Year



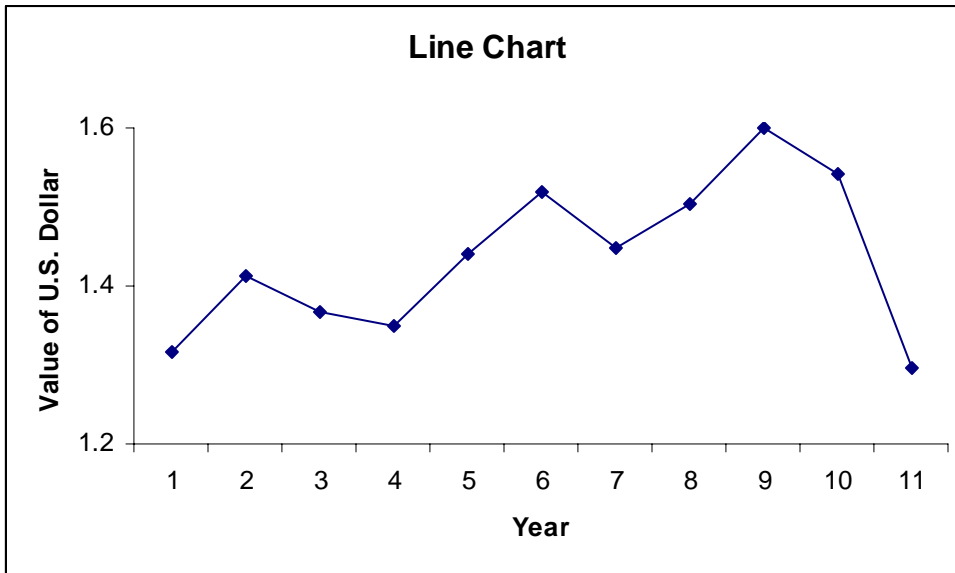
Division: Sales: Previous year



3.3



3.4 a

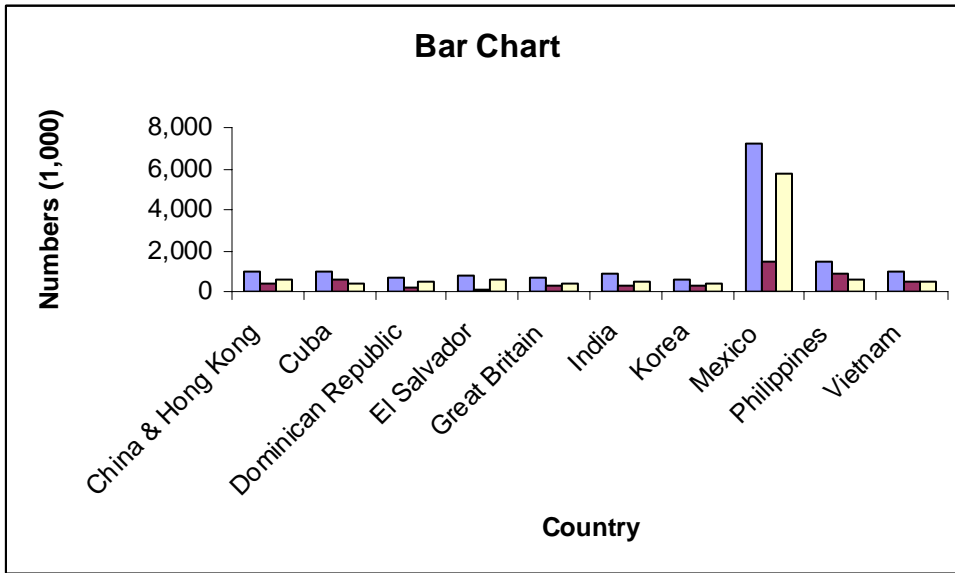


b In the first year (1994) the U.S. dollar was worth \$1.3173 Canadian. It decreased over the next 2 years and rose for the following 2 years. This was followed by a decrease and 2 increases. It decreased slightly in 2003 and fell sharply to 1.2958 in 2004.

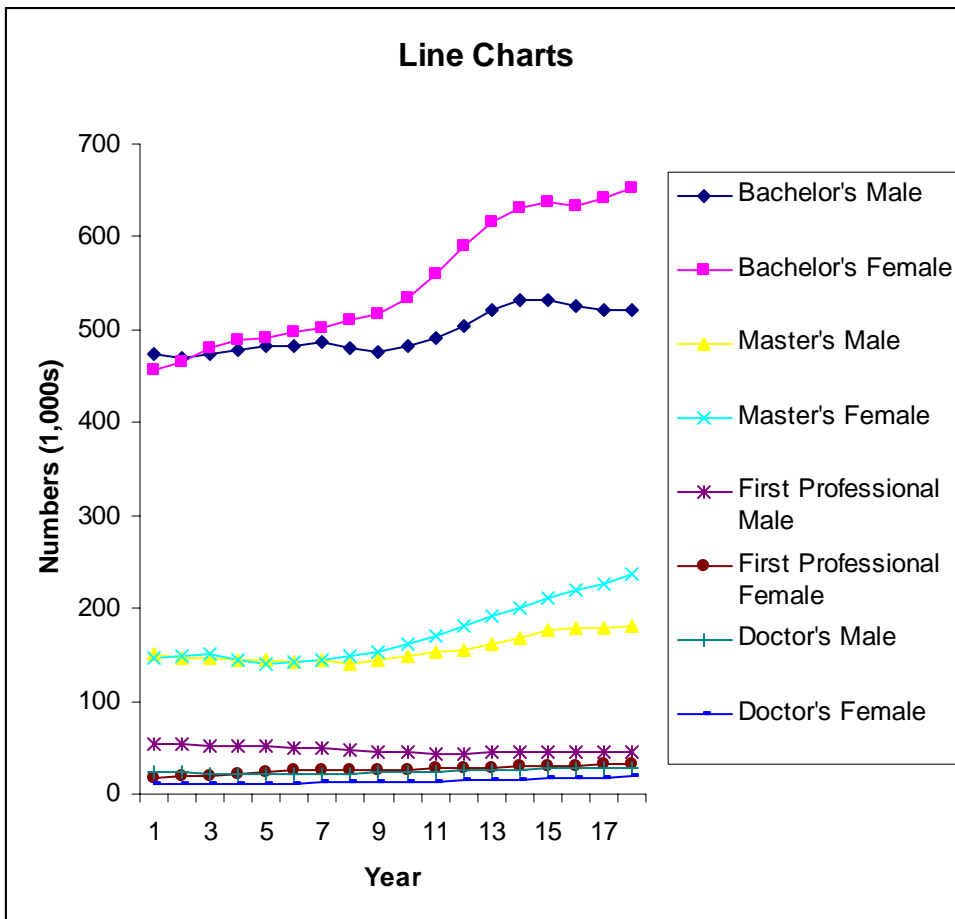
c There is a small amount of information, particularly useful for Canadian and American shoppers who cross-border shop.

d The chart can be made more informative if we include other variables that may explain the fluctuations. For example, we could include interest rates in both countries as well as other economic variables.

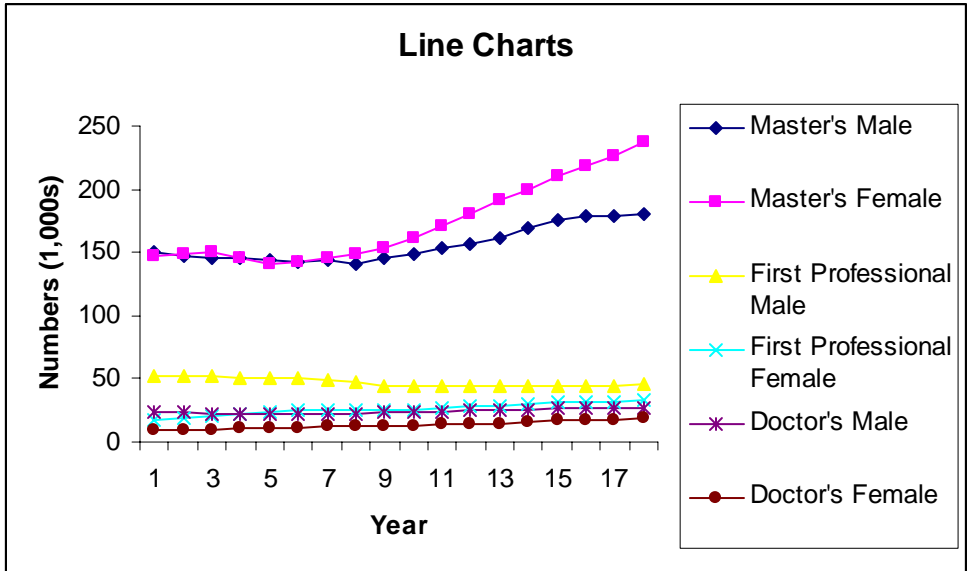
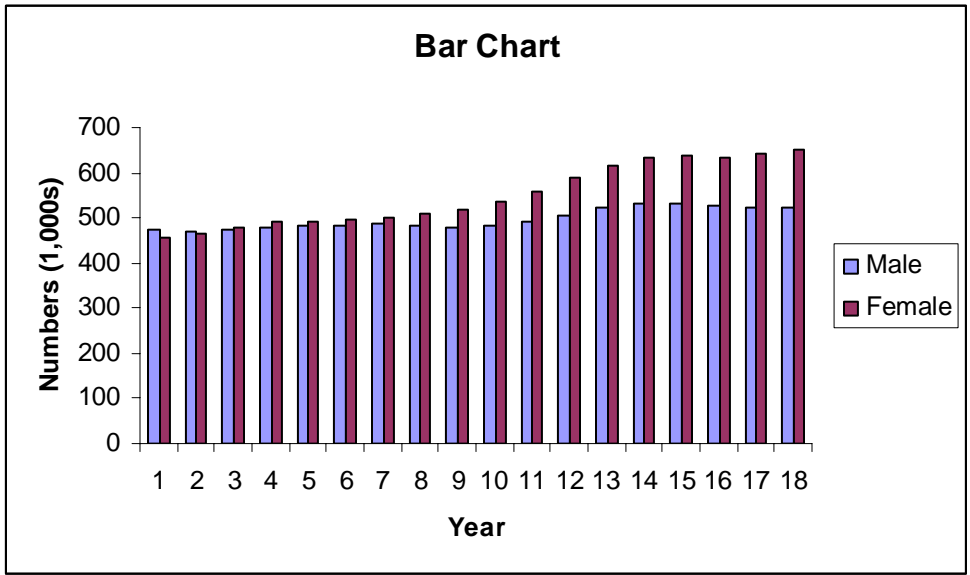
3.5



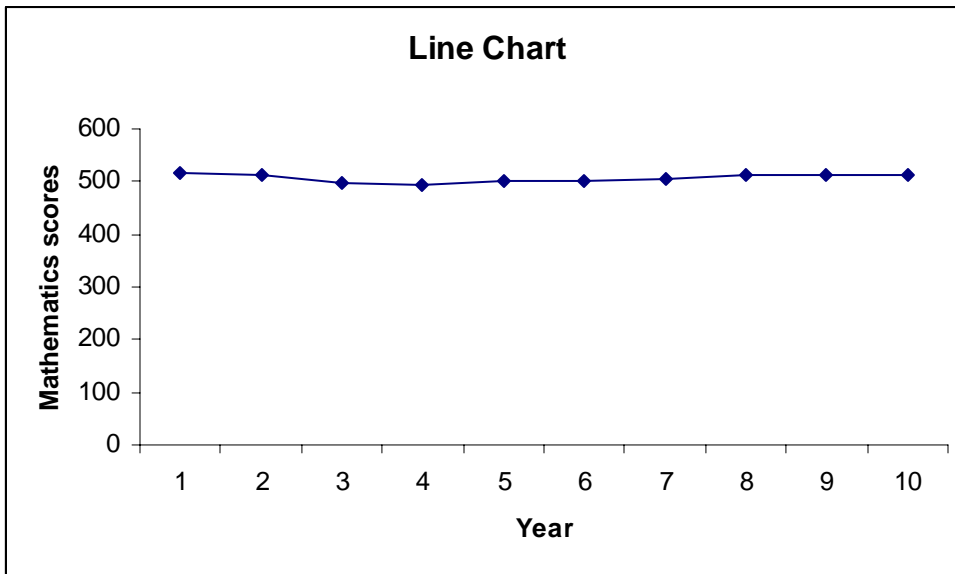
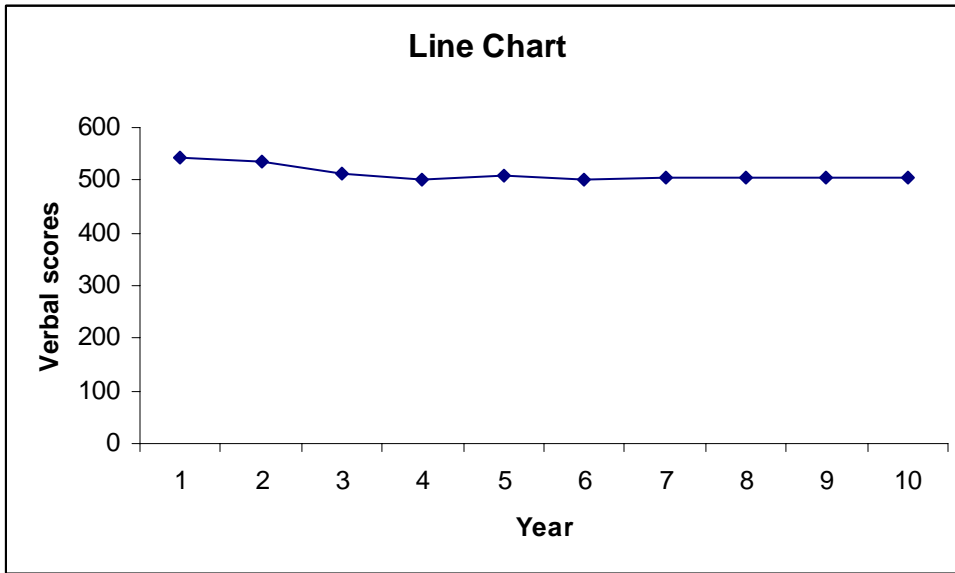
3.6



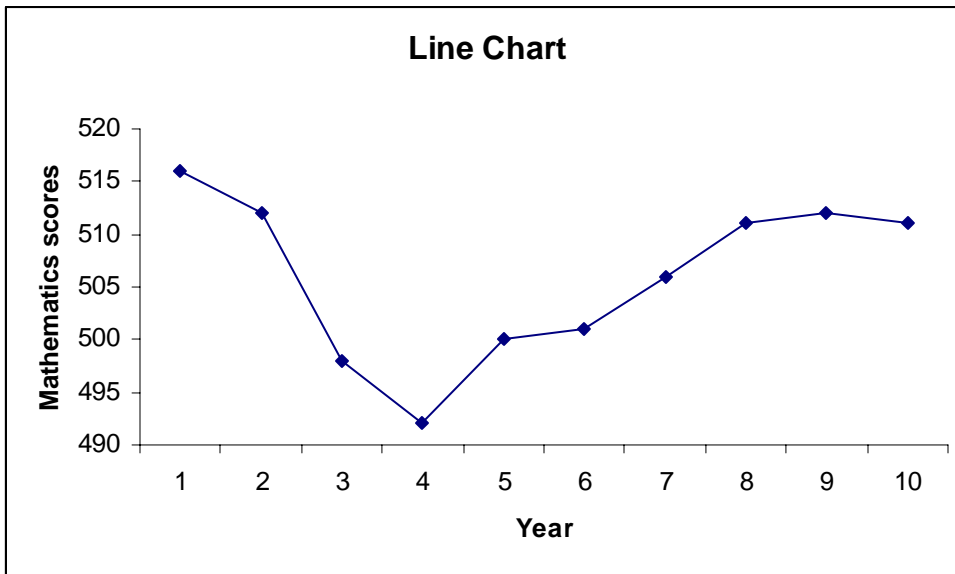
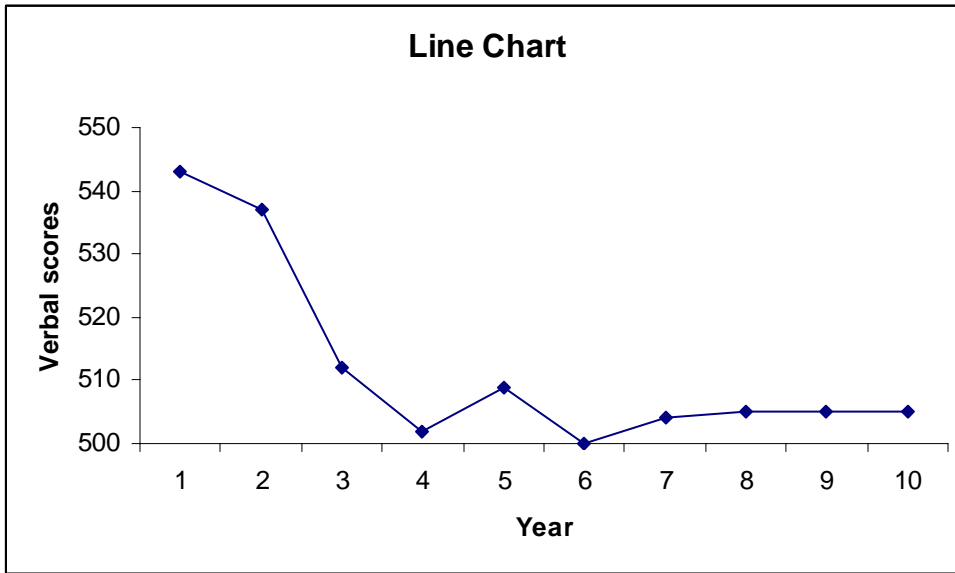
We enlarged this line chart to make it easier to see the trends. However, it may be better to separate Bachelor's degrees in a bar chart and the other three designations in line charts.



3.7 a

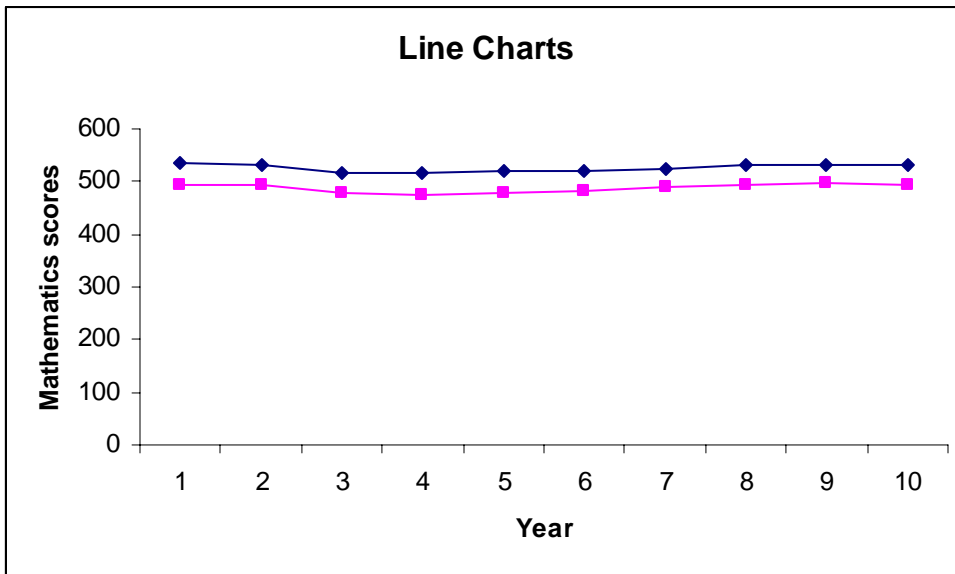
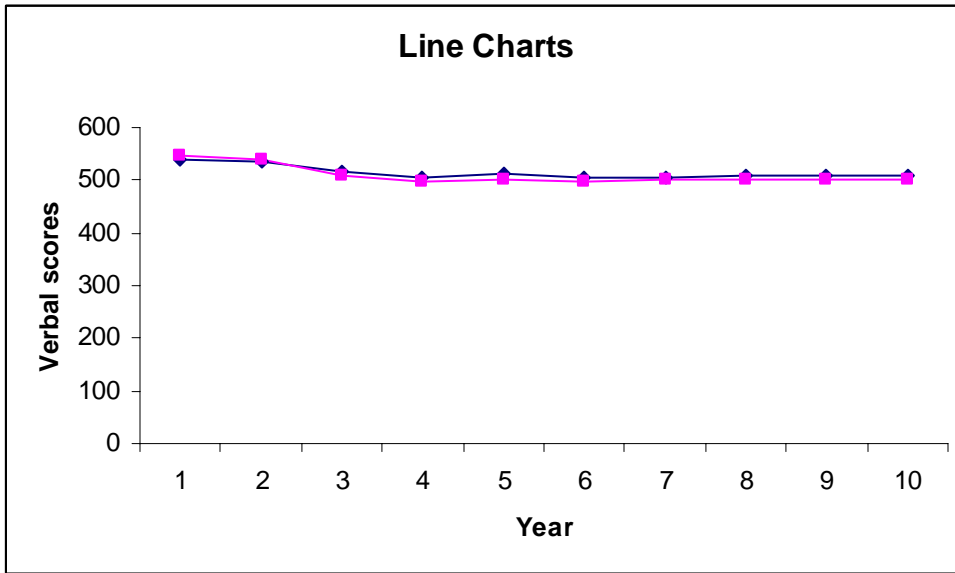


b

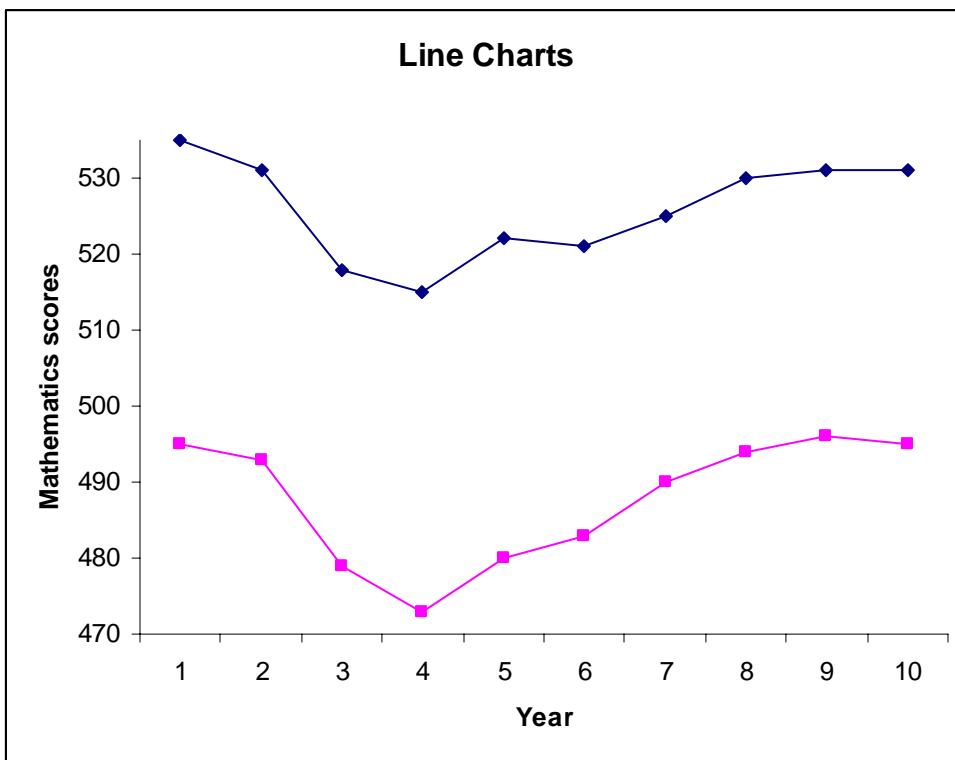
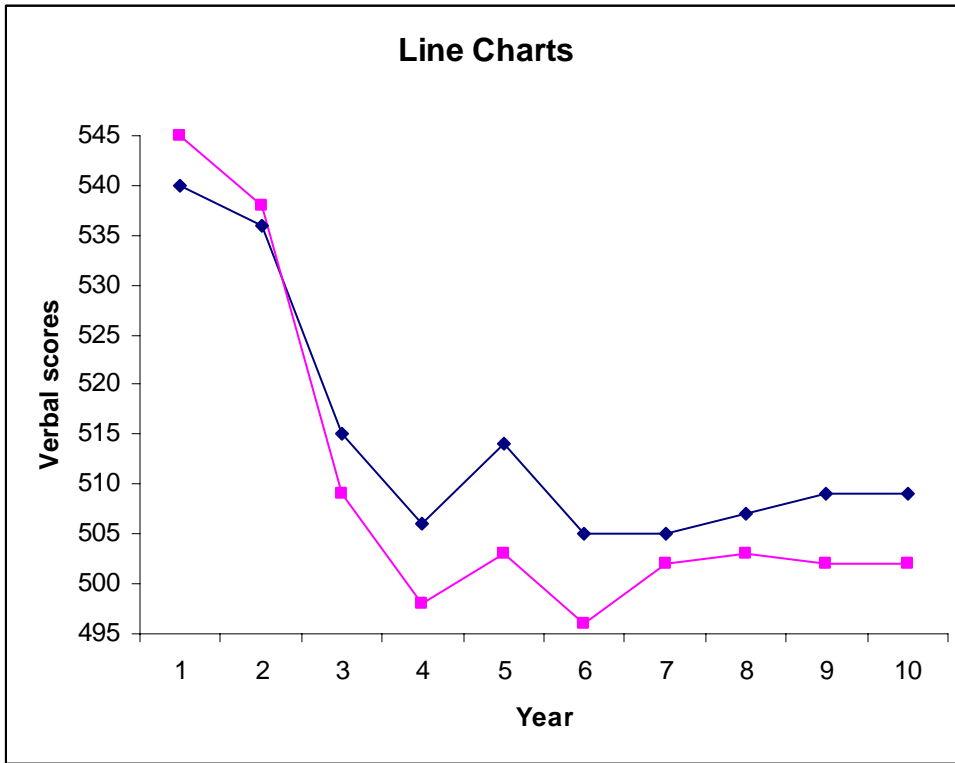




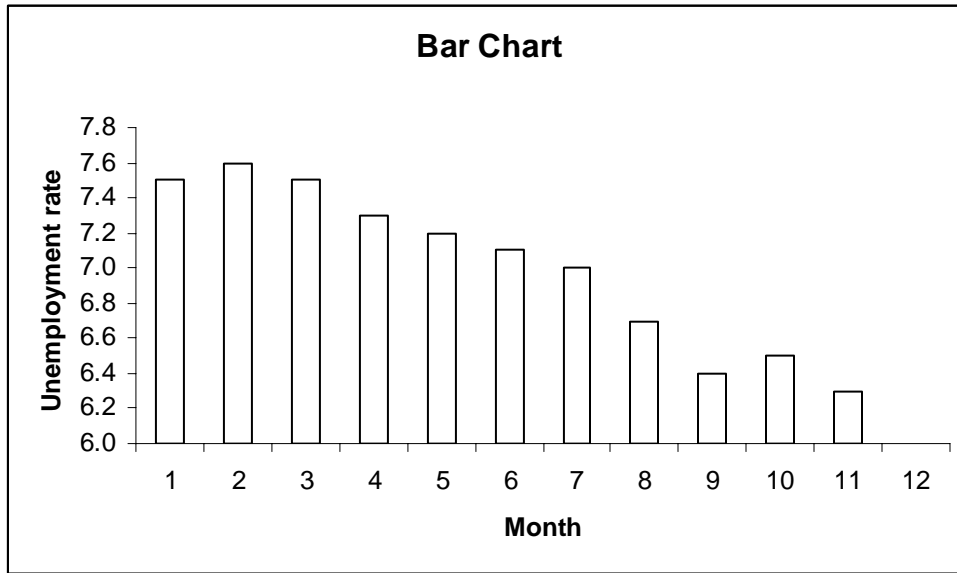
c



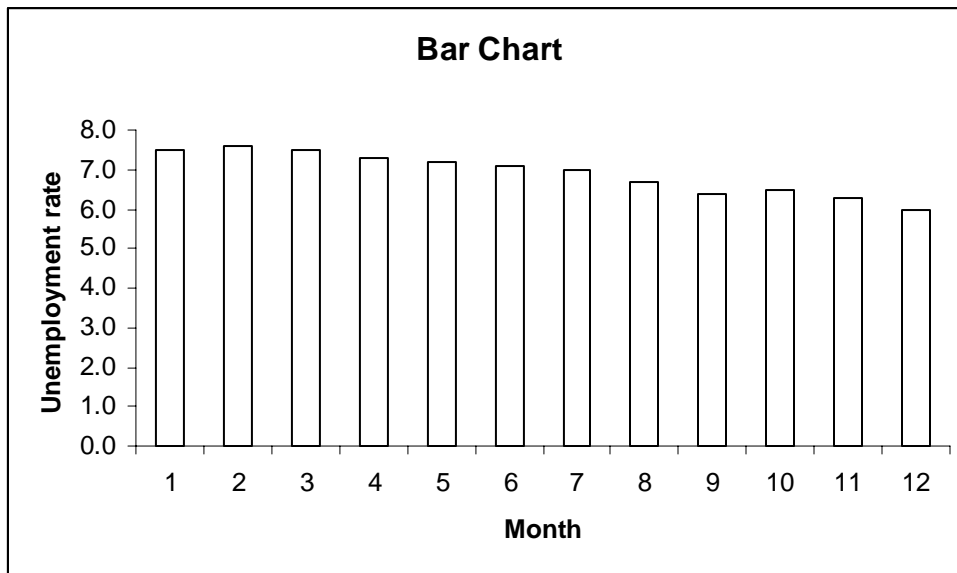
d



3.8 a



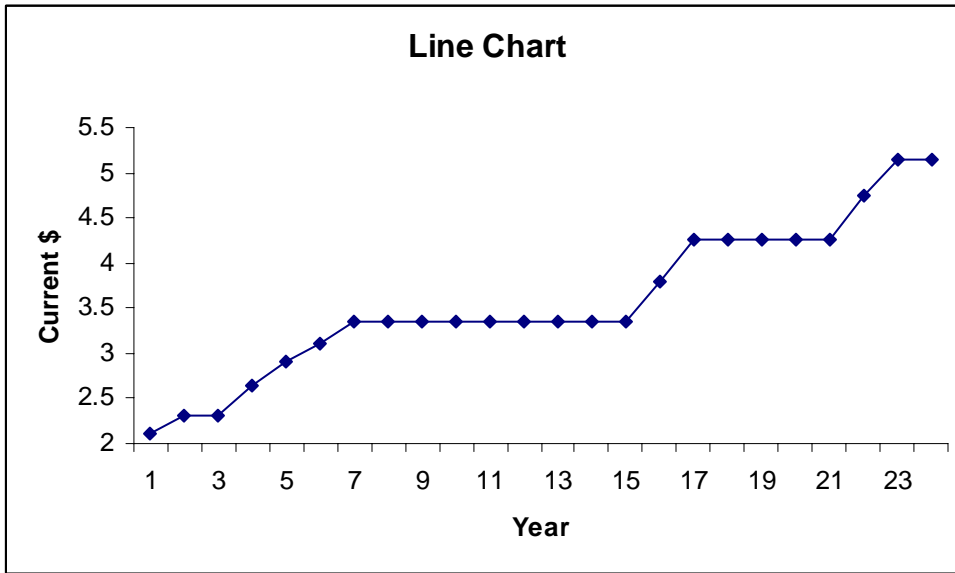
b



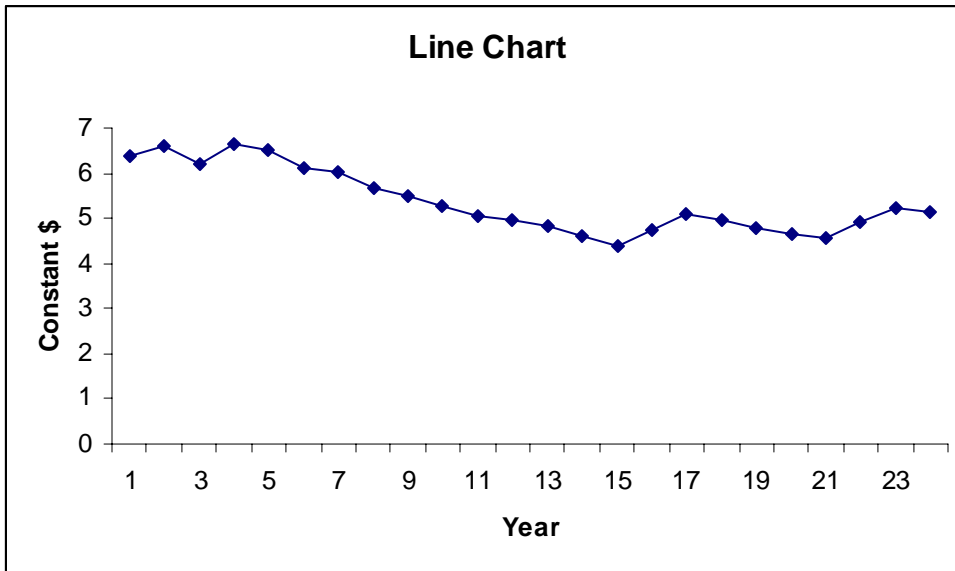
c Caption a: Unemployment rate falling rapidly. Caption b: Unemployment rate virtually unchanged.

d The chart in a is more honest.

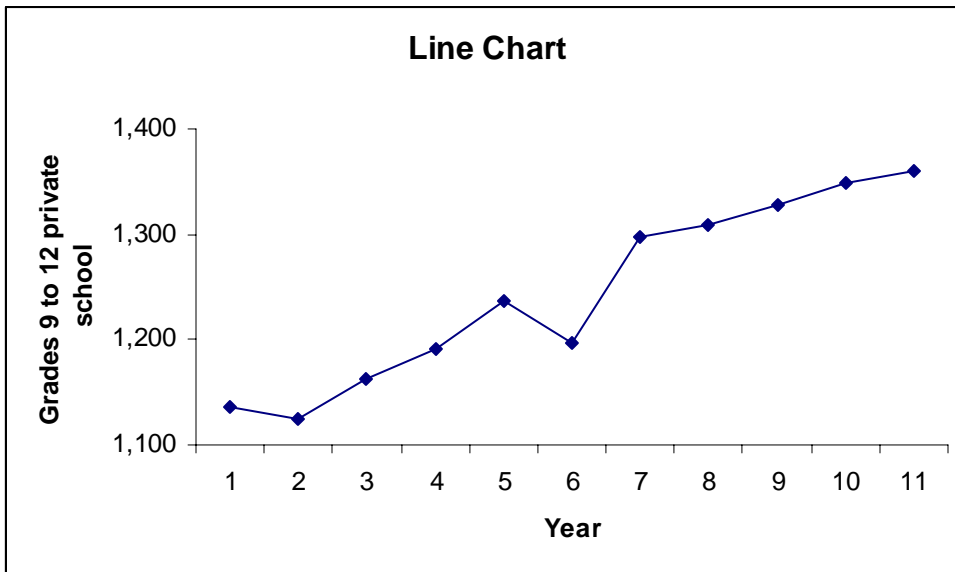
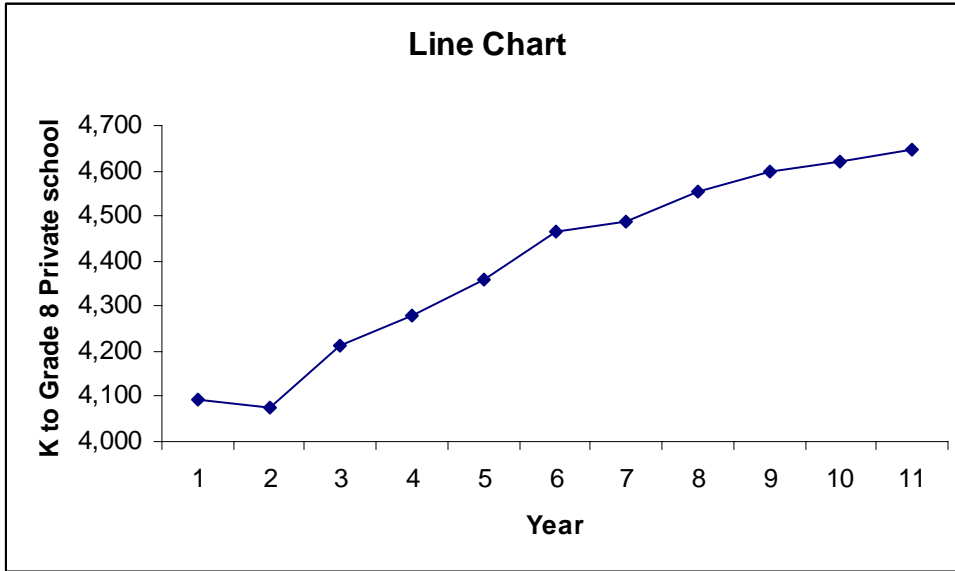
3.9 a

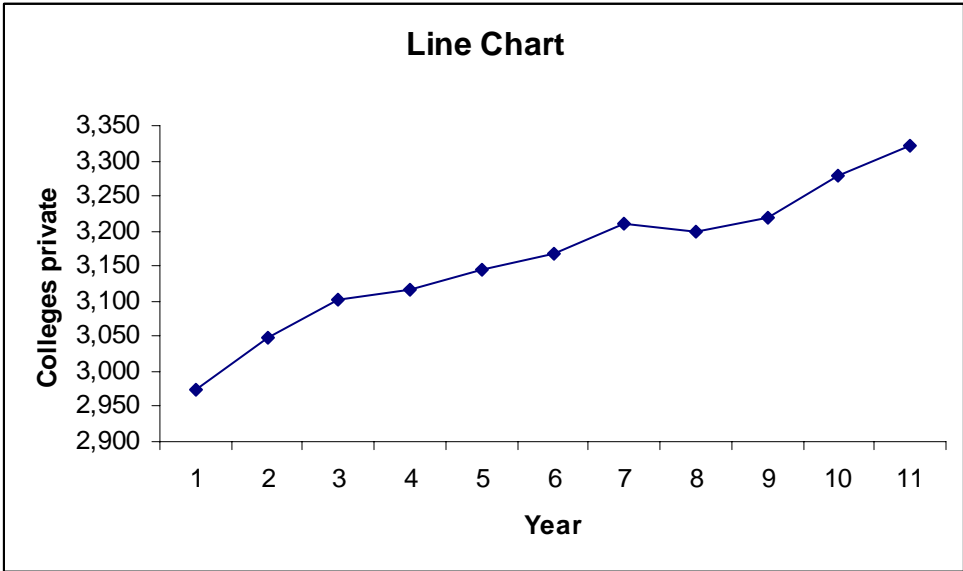


b To show actual changes it is probably best to show constant dollars on a graph with a 0.

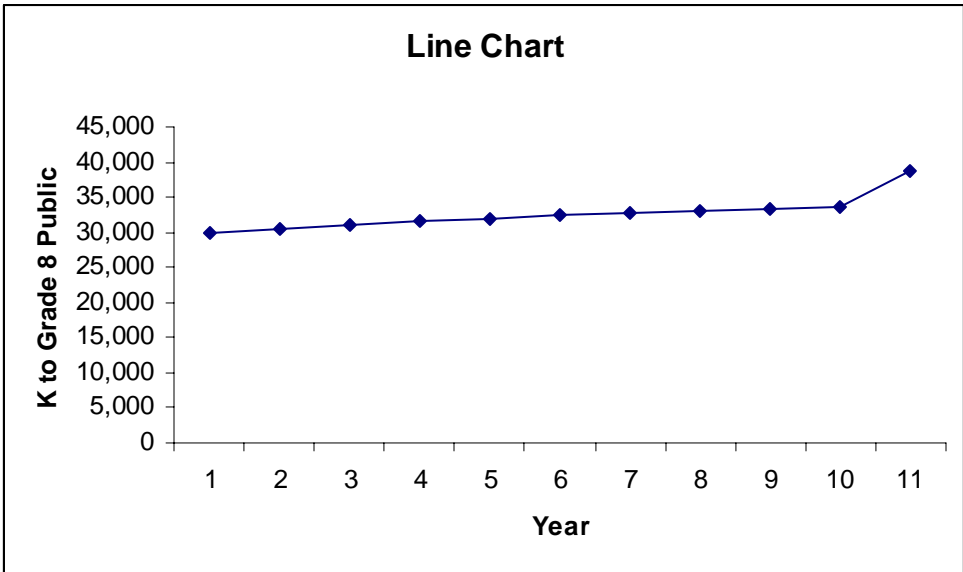


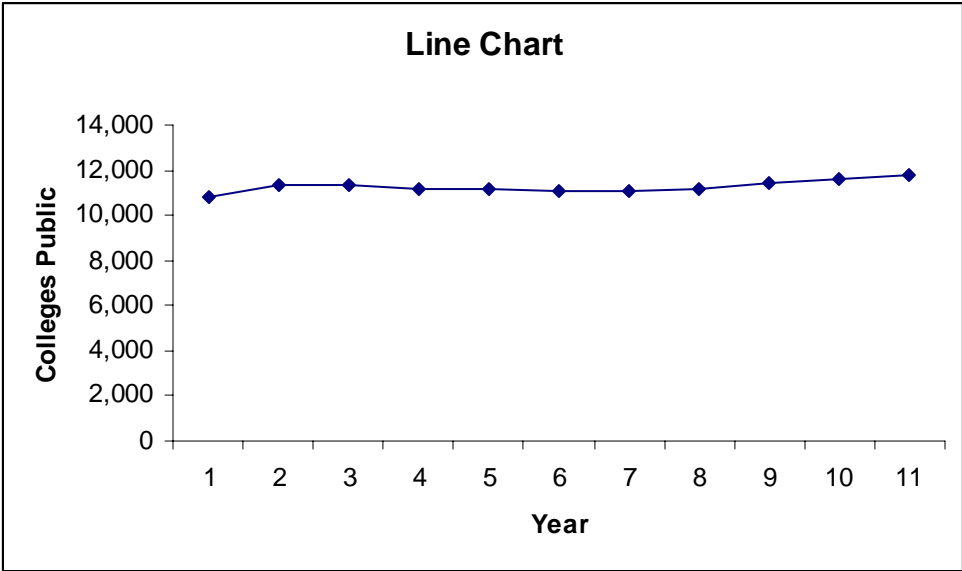
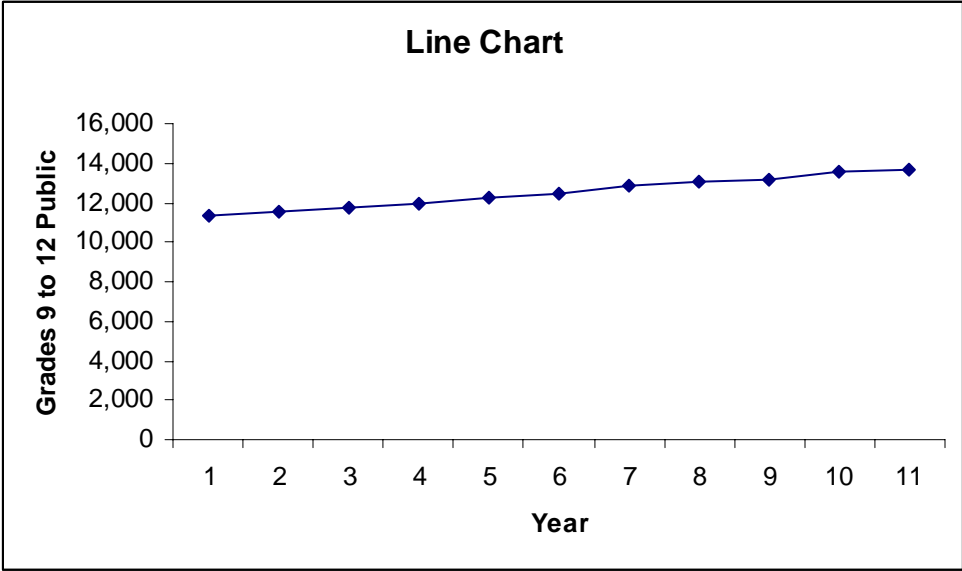
3.10 a



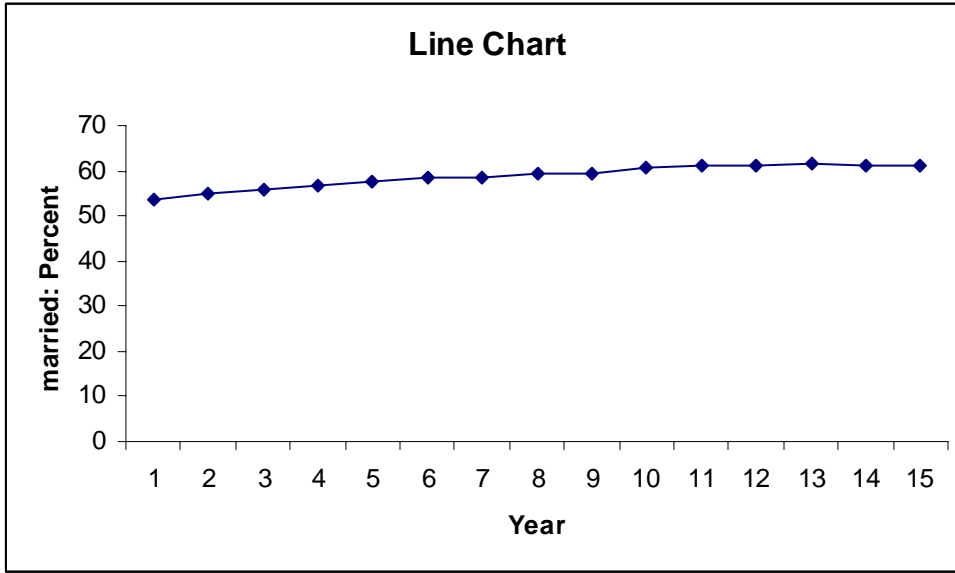


b





3.11 a



b

