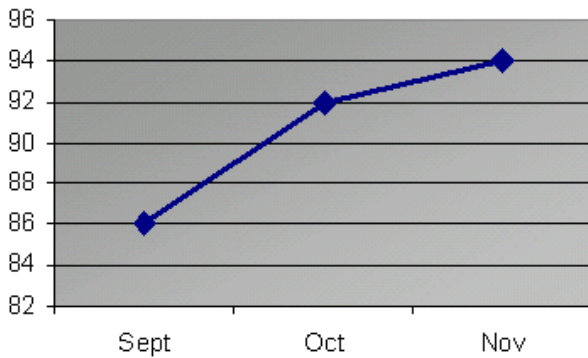


Reteaching Page

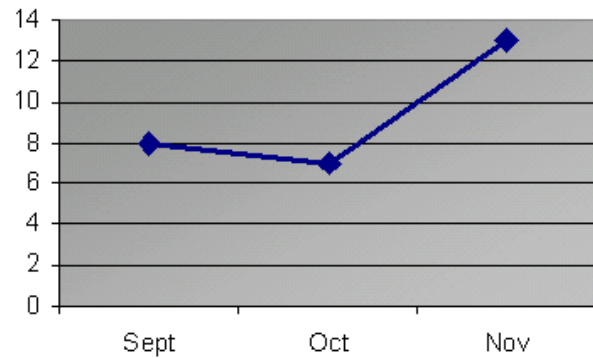
6.7 Line Graphs

A Line Graph is used to show changes in data over a **period of time**. They will help you to notice **increasing** and **decreasing** trends. Take a look at the line graphs below and tell whether they show an increasing or decreasing trend.

Jonathan's Grades



Trips to Chill Out



To make a line graph:

Robert's Savings Deposits			
January	February	March	April
\$125	\$40	\$50	\$35

- Examine your data and decide the scale and interval you will use.
 - Divide the largest data value by 6 or 7 and choose an easy interval (1, 2, 5, 10, 20, 25, 100...)
 - Set up the scale along the Y axis
- Think of your data as an ordered pair and plot each piece of data on the line graph.
- Use a ruler to connect the dots.
- Title your graph and label the axes if applicable.

- $125 \div 7$ is easier to do as $140 \div 7 = 20$
 - our space looks like 25 would be better

