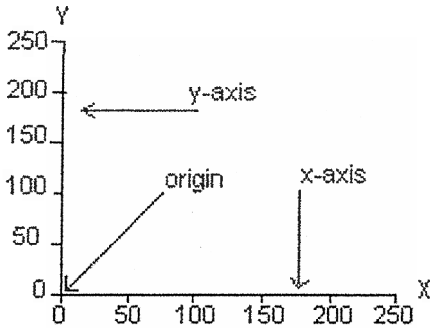


A Summary of the Types of Graphs for Grade Eight Students

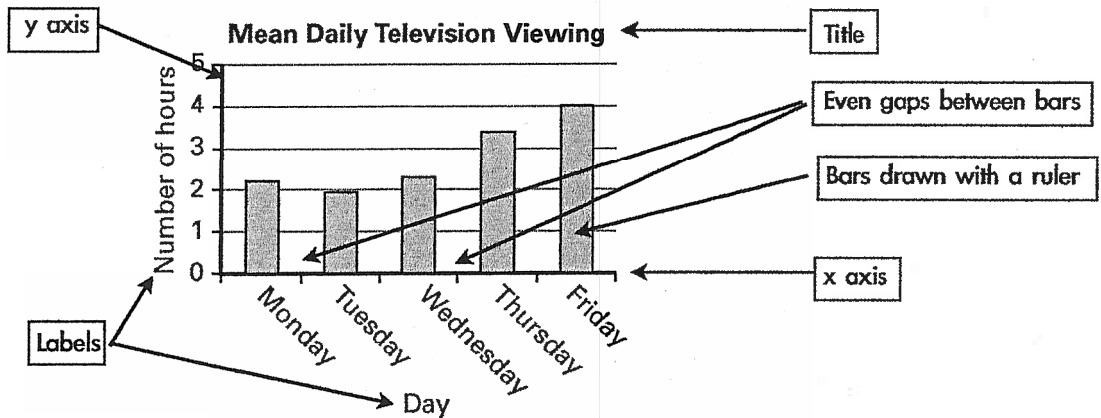
Compiled by Mr. A. Caruso



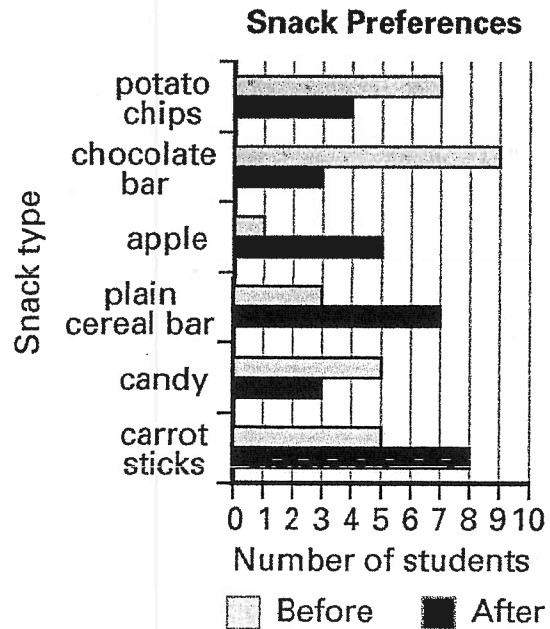
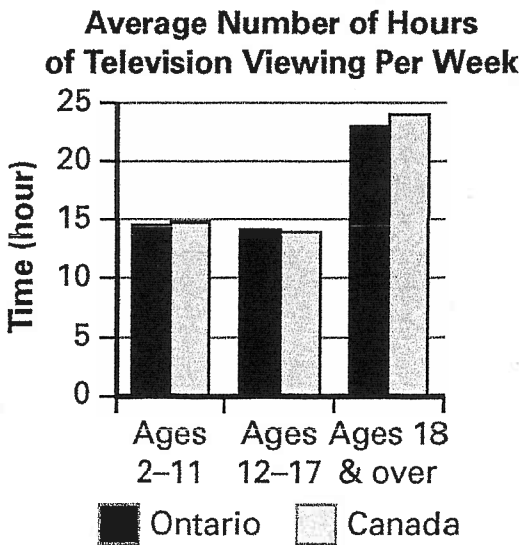
A graph is a _____ representation of a relationship between _____ variables. A graph usually has two _____ called the _____-axis (horizontal) and _____-axis (vertical). The axes are labeled with different names, for example 'Price' and 'Quantity'. The place where the two axes intersect is called the _____. The origin is also identified as the point (____, ____).

Bar Graph

Bar graphs are used to _____ two or more _____ things. These comparisons are made with some _____.

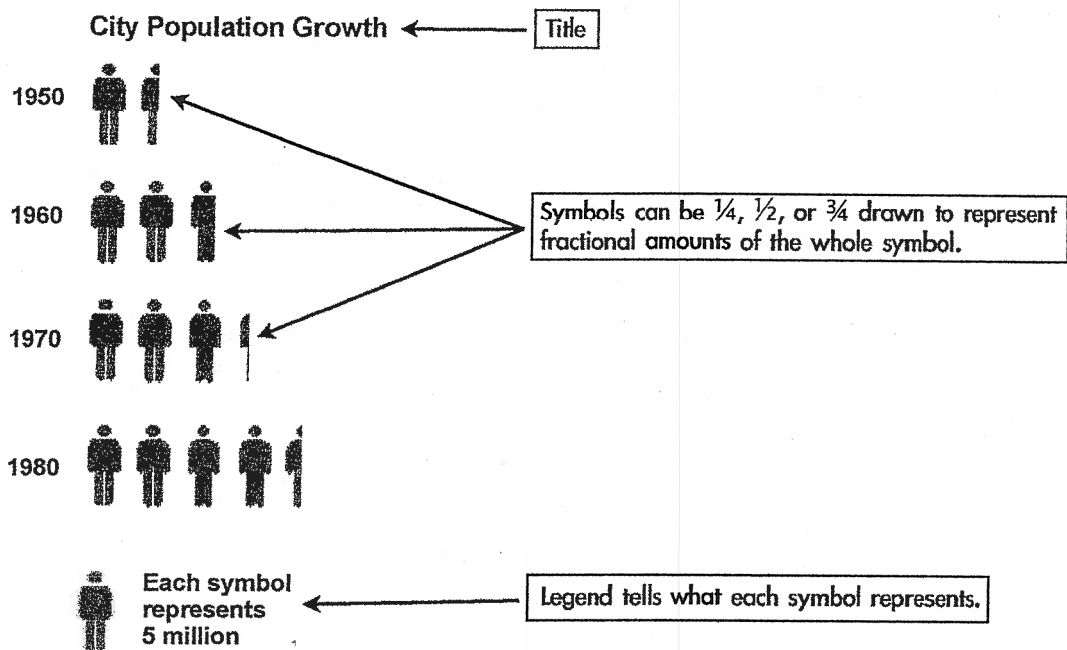


Comparative bar graphs (also known as _____ bar graphs) are used when comparing two or more things with two sets of _____. These graphs would require a _____ to distinguish the different sets of data.



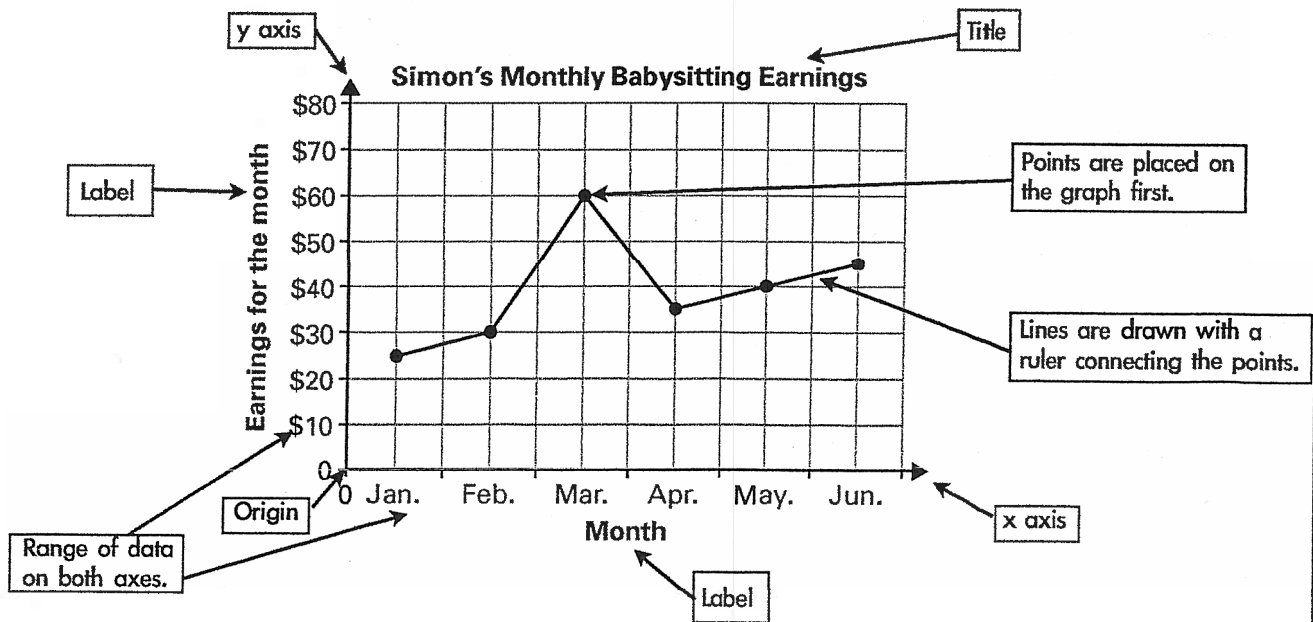
Pictograph

Pictographs are used to _____ two or more similar things using _____ or symbols. They are similar to bar graphs however the comparisons have less _____ but have more _____ effect.



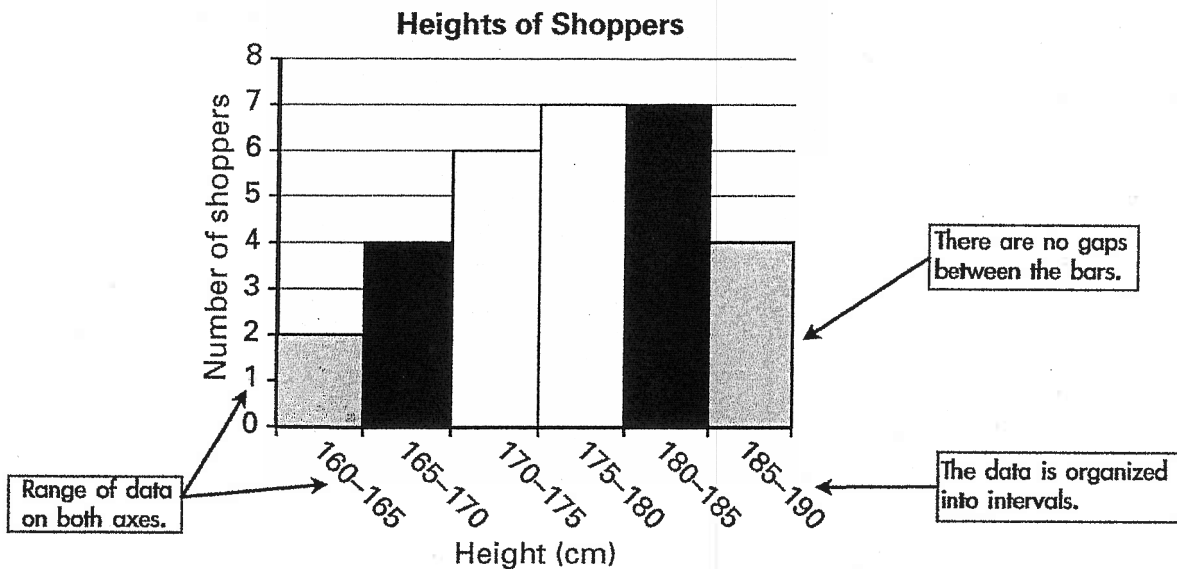
Broken Line Graph

A broken line graph shows how _____ thing can _____ over time. A broken line graph has a range of data on _____ axes.



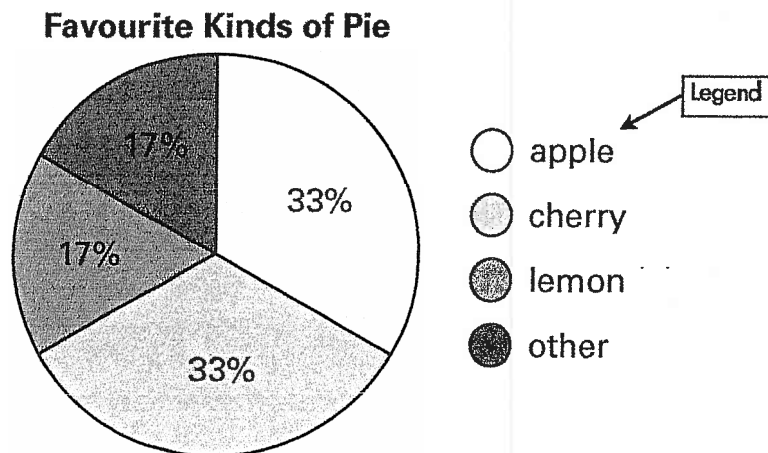
Histogram

A histogram shows _____ data and a _____ of data on both axes. It is a graph with bars that shows frequencies of data organized into _____. The intervals line up side by side, with no gaps, on the number line. It is similar to a bar graph because it uses _____. It is also similar to a broken line graph because it has a _____ of data on both axes.



Circle Graph

A circle graph (also known as a ___ graph) shows how one thing is _____. It shows the _____ of the whole. A circle graph usually converts its data into _____. The entire circle represents ____%. There is usually a _____ explaining the different parts of the circle. Sometimes the labels are located _____ the circle graph.



Scatter Plot

A scatter plot (also known as a scatter _____) is a graph of plotted points that show the _____ (or _____ of relationship) between two sets of data. The points are _____ connected. Once the points have been plotted, an examination of how the points _____ on the graph will determine if there is a relationship between the two sets of data.

