



Charts and Graphs

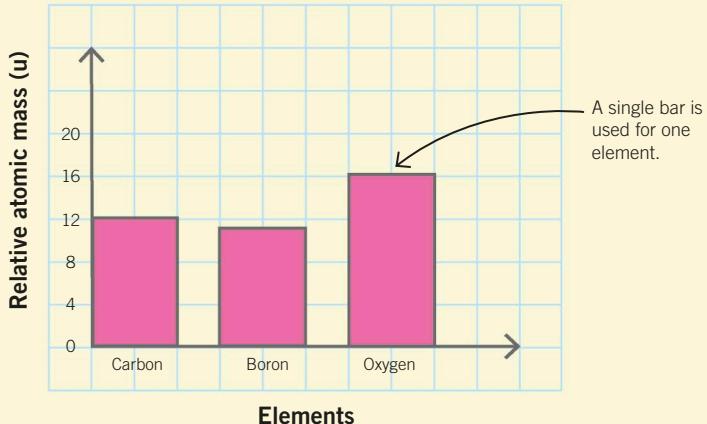
On its own, data may not tell you enough about what you've found. Charts and graphs are a visual way of representing your data, and certain graphs are more useful than others, depending on your data.

Key Facts

- ✓ Charts and graphs are a clear, visual way of representing your data.
- ✓ Bar charts are useful for presenting data that is in categories.
- ✓ Line graphs are useful for presenting data with variables that changed.

Bar charts

A bar chart is used for discontinuous data (such as data collected in categories), such as shoe size, eye color, or relative atomic masses of elements.



Line graphs

Line graphs are useful for continuous data (or data collected over time), such as the volume of liquid produced over time. This line graph is showing a positive correlation (rising trend from left to right).

Linear scales are chosen to fill the graph paper.

