

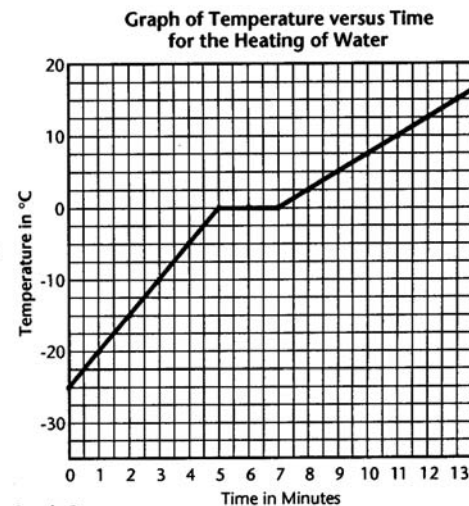
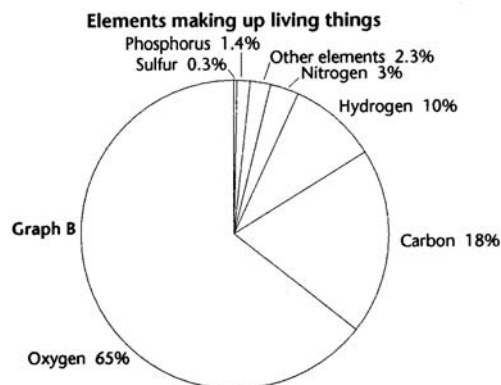
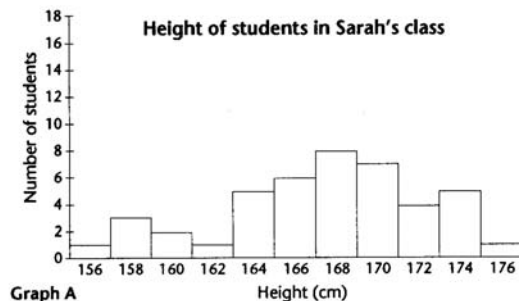
Name: _____
 Mr. Willis
 Conceptual Physics: _____
 Date: _____

Unit I
 Introduction to Conceptual Physics
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I

Graphing

Use the graphs to answer the following questions.



1. What type of graph is graph A? _____
2. What information is shown on graph A? _____
3. What height do the greatest number of students in Sarah's class have in common? _____
4. What type of graph is graph B? _____
5. What information is shown in graph B? _____
6. What element makes up the largest part of living things? _____
7. What type of graph is shown in C? _____
8. What does graph C show? _____
9. What is the responding variable in graph C? _____
10. What is the manipulated variable in graph C? _____
11. On what axis is the manipulated variable plotted? _____
12. On what axis is the responding variable plotted? _____

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I

Graphing

Use with text pages 23 - 25

Choose the term from the word list that best completes each statement. Write the term in the blank at the left of each statement.

graph
horizontal
hatch marks

vertical
manipulated
pie graph

responding
bar graph
y-axis

line graph
x-axis
percentages

- _____ 1. A visual display of data or information is a ____ .
- _____ 2. Information that is collected by counting can best be displayed on a ____ .
- _____ 3. In a line graph, the ____ axis is called the y-axis.
- _____ 4. In a line graph, the responding variable is plotted on the ____ .
- _____ 5. A graph that shows information as parts of a circle is a ____ .
- _____ 6. The type of graph that is useful for showing trends or continuous change is a ____ .
- _____ 7. Information in a pie graph is often shown as ____ .
- _____ 8. Information that remains constant and does not depend on changes in the value of another variable is called the ____ variable.
- _____ 9. In a line graph, the manipulated variable is plotted on the ____ axis.
- _____ 10. Numbers that are left off a graph to save space can be shown using lines called ____ .
- _____ 11. A variable that changes as a result of the other variable is called a ____ variable.
- _____ 12. In a line graph, the horizontal axis is also called the ____ .