

Name \_\_\_\_\_

Date \_\_\_\_\_

## Additional Activity Page

### The Language of Chemistry

Use the words in the box to complete the sentences below.

<b>molecule</b>	<b>electrons</b>	<b>element</b>	<b>NaCl</b>	<b>compound</b>
<b>matter</b>	<b>proton</b>	<b>nucleus</b>	<b>atom</b>	<b>Al</b>

1. The formula for table salt is \_\_\_\_\_.
2. A(n) \_\_\_\_\_ is a chemical combination of two or more atoms.
3. The center of an atom is called a(n) \_\_\_\_\_.
4. All material of the universe is made up of \_\_\_\_\_.
5. Negatively charged particles are called \_\_\_\_\_. They spin around the nucleus of an atom.
6. A(n) \_\_\_\_\_ is a positively charged particle that is found in the nucleus of an atom.
7. The smallest unit of an element that retains the properties of that element is called a(n) \_\_\_\_\_.
8. A(n) \_\_\_\_\_ is a pure substance that cannot be broken down into simpler substances.
9. The chemical combination of two or more elements is called a(n) \_\_\_\_\_.
10. The symbol for aluminum is \_\_\_\_\_.

**Check Out the Changes** Try this basic experiment: Leave a small container of milk out at room temperature for several days, or until it begins to look or smell different. Then sniff the milk. Do you notice any changes? About how long did it take for the changes to occur?

**Extension** In a short paragraph, explain the difference between atoms, elements, compounds, and mixtures.