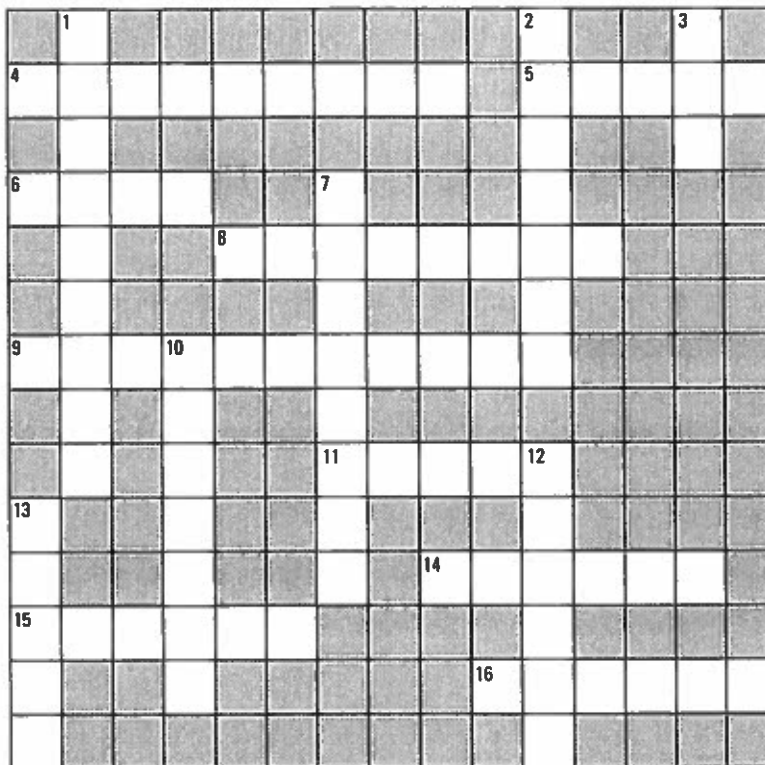


## Blackline Master 5.5b

# *Elements, Compounds, and the Periodic Table Crossword*



### ACROSS

4. \_\_\_\_\_ is a vital ion in the human body.
5. An example of an element which has a stable electron arrangement is \_\_\_\_\_.
6. The overall charge on an ionic compound is \_\_\_\_\_.
8. The Group 17 elements are called \_\_\_\_\_.
9. A(n) \_\_\_\_\_ is a solution that conducts electricity.
11. Compounds which are made up of positive and negative ions are called \_\_\_\_\_.
14. \_\_\_\_\_ are shiny, malleable conductors of electricity.
15. Chemical families or \_\_\_\_\_ are elements located in the same vertical column.
16. \_\_\_\_\_ is an example of an alkali metal.

### DOWN

1. \_\_\_\_\_ compounds are formed when nonmetals combine with other nonmetals.
2. Electrons in the outer shell of an atom are called \_\_\_\_\_ electrons.
3. A charged atom is called a(n) \_\_\_\_\_.
7. When a fluorine atom gains an electron, it forms a(n) \_\_\_\_\_ ion.
10. \_\_\_\_\_ is an example of an alkaline earth metal.
12. A(n) \_\_\_\_\_ is a positively charged ion.
13. \_\_\_\_\_ is an example of a non-electrolyte when it is dissolved in water.