

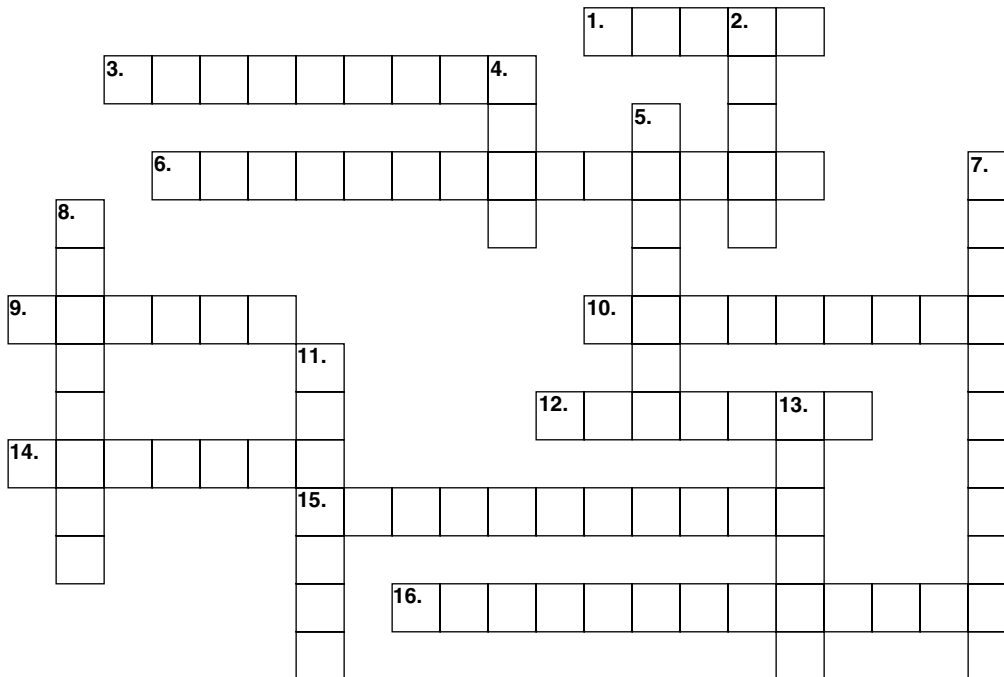
## Chapter 4

Use with Section 1

## REINFORCEMENT

## ● Air Pollution

Solve the following crossword puzzle using the clues provided.

**Across**

1. Type of alternative power that uses the sun
3. Used in smokestacks to reduce air pollution
6. Colorless, odorless gas sometimes found in photochemical smog (2 words)
9. Form of acid created when nitrogen oxide from car exhausts combines with moisture in the air
10. Type of smog formed when burning of fossil fuels releases sulfur compounds, dust, and particles into the air
12. Type of pollutants resulting from volcanic eruptions and forest fires
14. Mountains and \_\_\_\_\_ are landforms that help smog form because they limit the movement of air.
15. Passed in 1990 to attack problems of automobile exhaust, factory pollution, destruction of the ozone, and acid rain (3 words)
16. Type of smog formed from fossil fuel pollutants with the aid of light

**Down**

2. Substances with a pH lower than 7
4. Combination of smoke and fog
5. Waste products from burning matter
7. The burning of \_\_\_\_\_ for energy adds polluting chemicals to the air. (2 words)
8. Pollutant created when sulfur dioxide from coal-burning power plants combines with moisture in the air to form sulfuric acid (2 words)
11. Used to show the acidity or basicity of a solution (2 words)
13. Breathing ozone and other smog damages people's lungs, making them more susceptible to pneumonia, flus, and \_\_\_\_\_.