Continuation of Answers

Answers continued from p. 64

3. Dissolve the sugar in water and filter out the sand. Then evaporate the water from the sugar. The changes would be physical changes.
4. Physical changes do not change the identity of substances and, therefore, are easy to undo. In chemical changes, new substances are formed that cannot be reversed using physical means.
5. heating, using an electric current
6. color change; bubbling; fizzing or foaming; production of heat, light, or sound
7. **a.** physical
   b. chemical
   c. physical
   d. chemical
   e. chemical
   f. chemical
   g. physical
8. In a physical change, the material's particles do not change; in a chemical change, the particles recombine, so they have different properties.