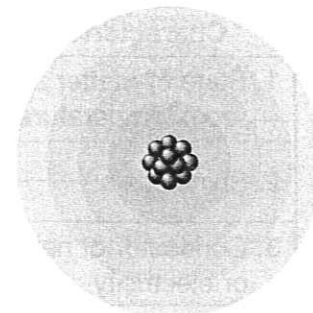
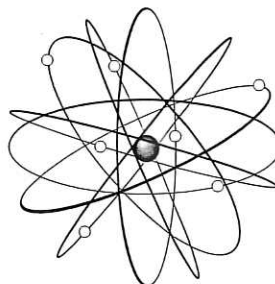
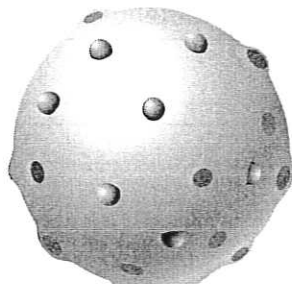
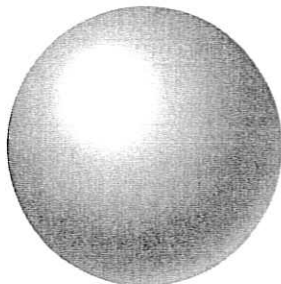


**SECTION**  
**1**

**Reinforcement**

**Models of the Atom**

**Directions:** Identify each model of the atom.



1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

**Directions:** Explain how each of the following scientists added to our knowledge of the atom.

5. Some Greek philosophers: \_\_\_\_\_

\_\_\_\_\_

6. John Dalton: \_\_\_\_\_

\_\_\_\_\_

7. William Crookes: \_\_\_\_\_

\_\_\_\_\_

8. J. J. Thomson: \_\_\_\_\_

\_\_\_\_\_

9. Ernest Rutherford: \_\_\_\_\_

\_\_\_\_\_

**Directions:** Answer the following questions on the lines provided.

10. According to the electron cloud model, do electrons orbit the nucleus like the Moon orbits Earth? Explain your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. What findings led Thomson to infer that particles that are smaller than atoms do exist?

\_\_\_\_\_

\_\_\_\_\_