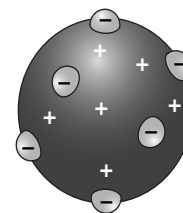
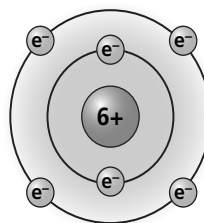
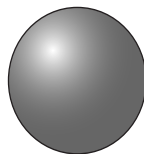
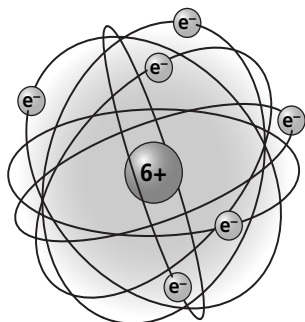


Elements and the Periodic Table ▪ 4.1 Review and Reinforce

Introduction to Atoms

Label each model of the atom with the name of the scientist who developed it.



1. _____ 2. _____ 3. _____ 4. _____

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term in the left column.

- | | |
|------------------------|---|
| _____ 5. nucleus | a. the sum of protons and neutrons in the nucleus of an atom |
| _____ 6. proton | b. the tiny center core of an atom |
| _____ 7. neutron | c. atoms of the same element that differ in the number of neutrons, but have the same number of protons |
| _____ 8. electron | d. the particle of an atom that is negatively charged |
| _____ 9. atomic number | e. a specific amount of energy related to the movement of electrons in atoms |
| _____ 10. isotopes | f. the particle of an atom with a positive charge |
| _____ 11. mass number | g. the number of protons in the nucleus of every atom of an element |
| _____ 12. energy level | h. the particle of an atom that is neutral |