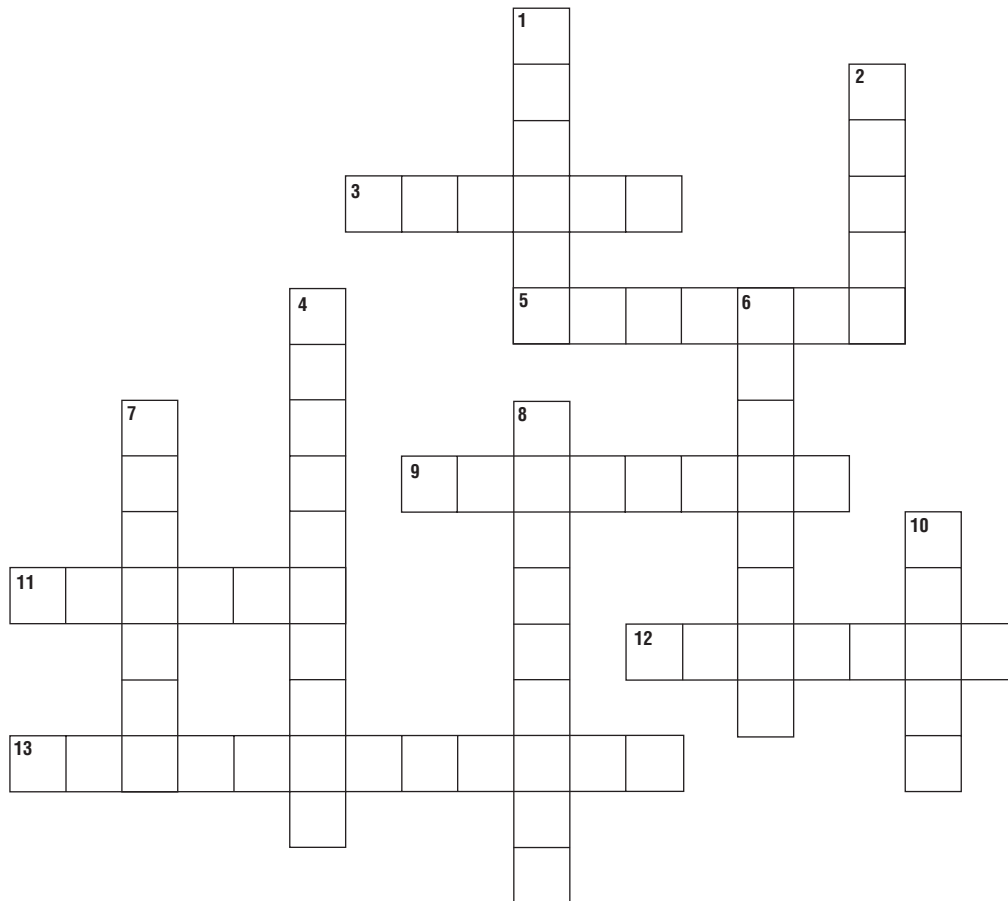


SECTION
1
Reinforcement
Structure of Matter
Chapter
3

Directions: Use the clues below to complete the crossword puzzle.


Across

3. Positively charged particle in the nucleus of an atom
5. The central part of an atom that contains the protons and neutrons
9. Scientist who discovered neutrons
11. Has mass and takes up space
12. Scientist who discovered electrons
13. The law of _____ of matter states that matter can neither be created nor destroyed.

Down

1. Scientist who developed a model called the atomic theory of matter
2. Most matter on Earth is made up of these small particles.
4. Scientist who discovered protons
6. Negatively charged particle in an atom
7. Uncharged particle in the nucleus of an atom
8. Scientist who showed that wood and oxygen combine during burning
10. Electrons move in what is called an atom's electron _____.