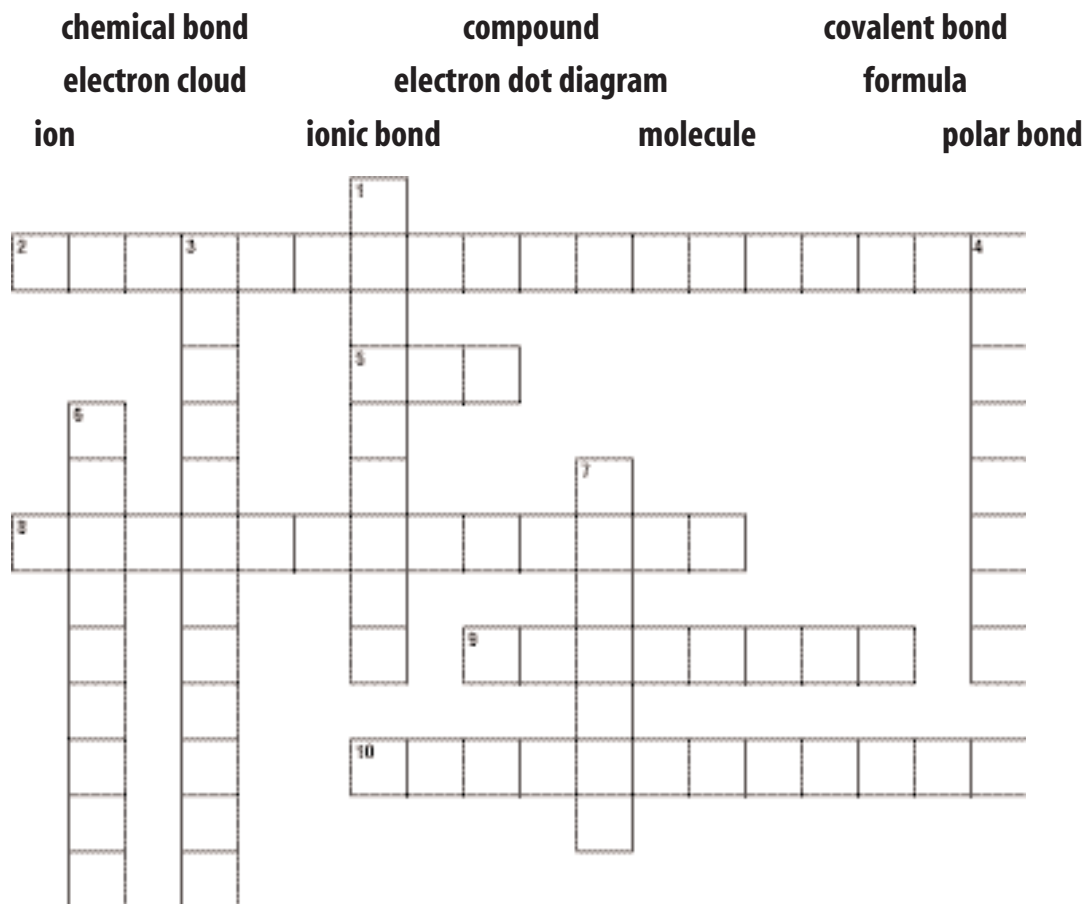



**Directed Reading for
Content Mastery**
Section 2 ■ How Elements Bond

Directions: Use the following terms to complete the crossword puzzle.


Across

2. Shows the number of electrons in the outer energy level
5. An atom that has gained or lost an electron
8. All electrons in an atom are in the _____.
9. A pure substance that contains two or more elements
10. Bond formed when atoms share electrons

Down

1. An attraction that holds ions close together
3. A force that holds two atoms together
4. Neutral particle formed when atoms share electrons
6. Type of bond in which electrons are shared unequally
7. A combination of chemical symbols