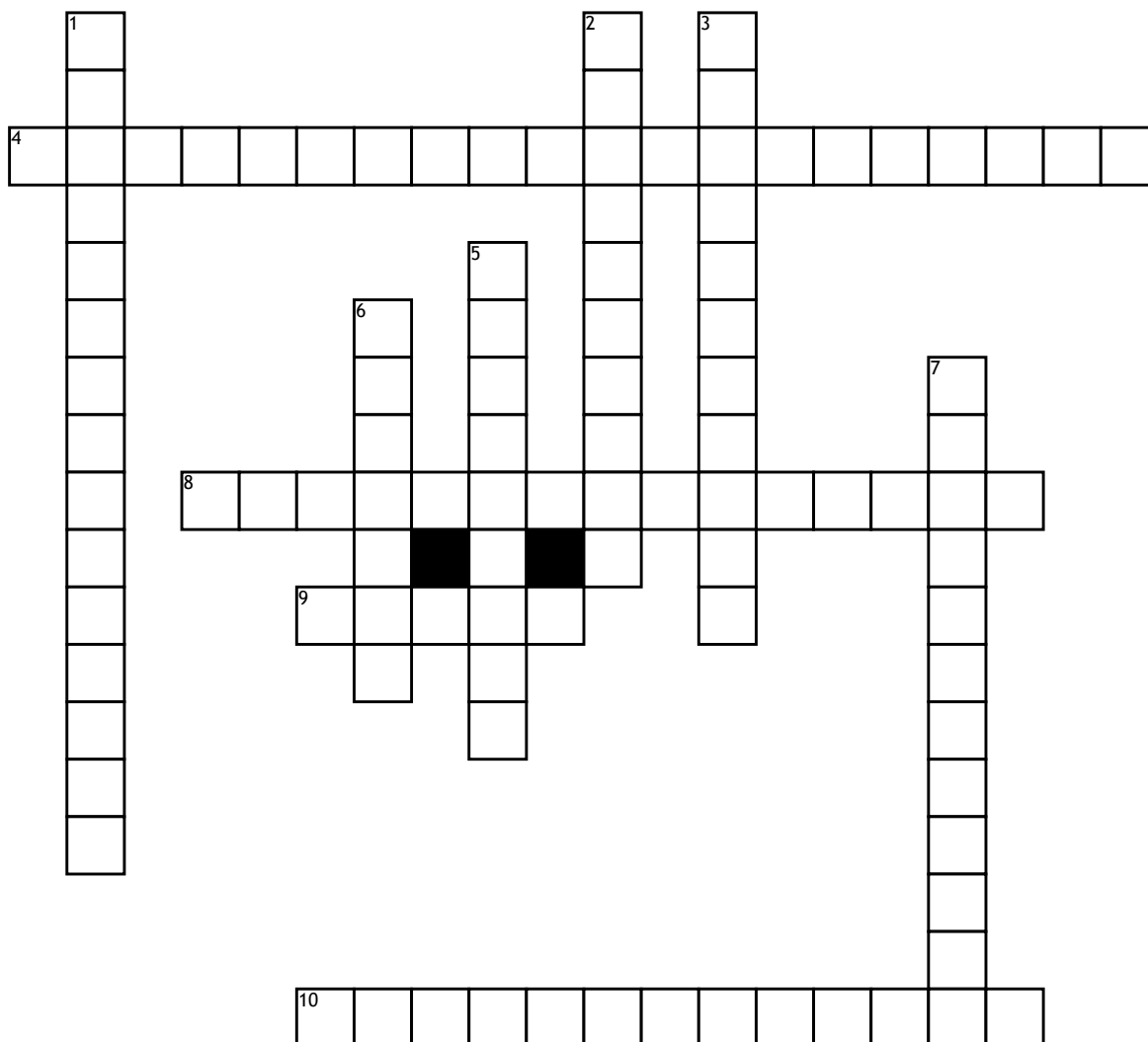


# Chapter 7 & 9 Ionic Compound Vocab



## Across

4. A notation that depends valence electrons as dots around the atomic symbol of the element

8. An expression that indicates the number and type of atoms present in the smallest representative unit of a substance

9. A mixture composed of two or more elements, at least one of which is a metal

10. A compound composed of positive and negative ions

## Down

1. An electron in the highest occupied energy level of an atom

2. Atoms react by gaining or losing electrons so as to acquire the stable electron structure of a noble gas, usually eight valence electrons

3. The force of attraction that holds metals together

5. The electrostatic attraction that binds oppositely charged ions together

6. The lowest whole-number ratio of ions in an ionic compound

7. A tightly bound group of atoms that behaves as a unit and has a positive or negative charge