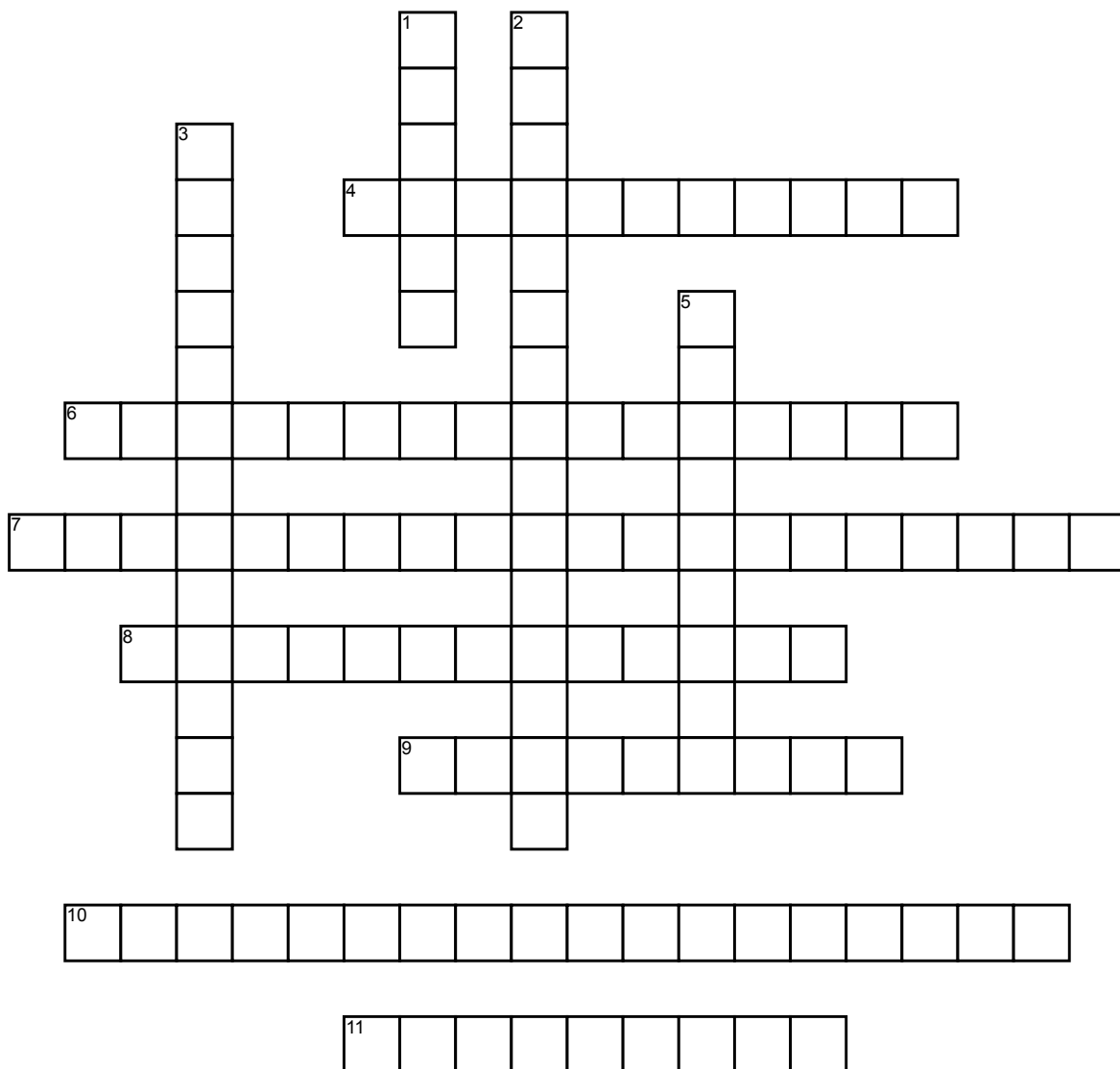


# Chemistry vocabulary ch 7



## Across

4. What is the lowest whole-number ratio of ions in an ionic compound?
6. What are the electrons in the highest energy level of an element's atom?
7. What diagram shows valence electrons in the atom?
8. Which compound is composed of cations and anions?
9. Which ion is produced when chlorine gains electrons?
10. What is the number of ions of opposite charge that surround an ion in a crystal called?

11. what is the electrostatic forces that hold ions together?

## Down

1. When two or more elements with at least one of which is metal mixes creates?
2. What is the lowest whole-number ratio of ions in an ionic compound called?
3. Which force is between the free-floating valence electrons and the positively charge metal ions?
5. What is in forming compounds?