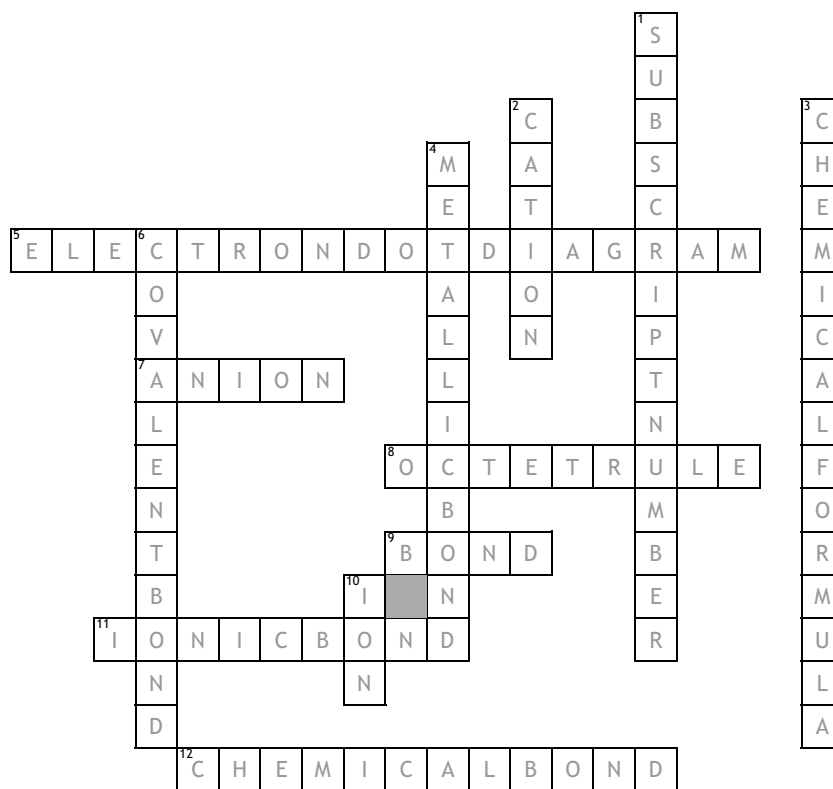


# Ionic Bonding



**Across**

- 5. displays valence electrons in an element
- 7. ion with negative charge
- 8. primary reason why elements form compounds
- 9. force that holds the atoms together in a substance
- 11. transfer of electrons
- 12. force that holds atoms or ions together as a unit

**Down**

- 1. tells you how many atoms of each element combine
- 2. ion with positive charge
- 3. notion that shows what elements a compound contains and the ratio of atoms or ion
- 4. attraction between a metal cation and the shared electrons that surround it
- 6. sharing of electrons
- 10. atom with a + or - charge