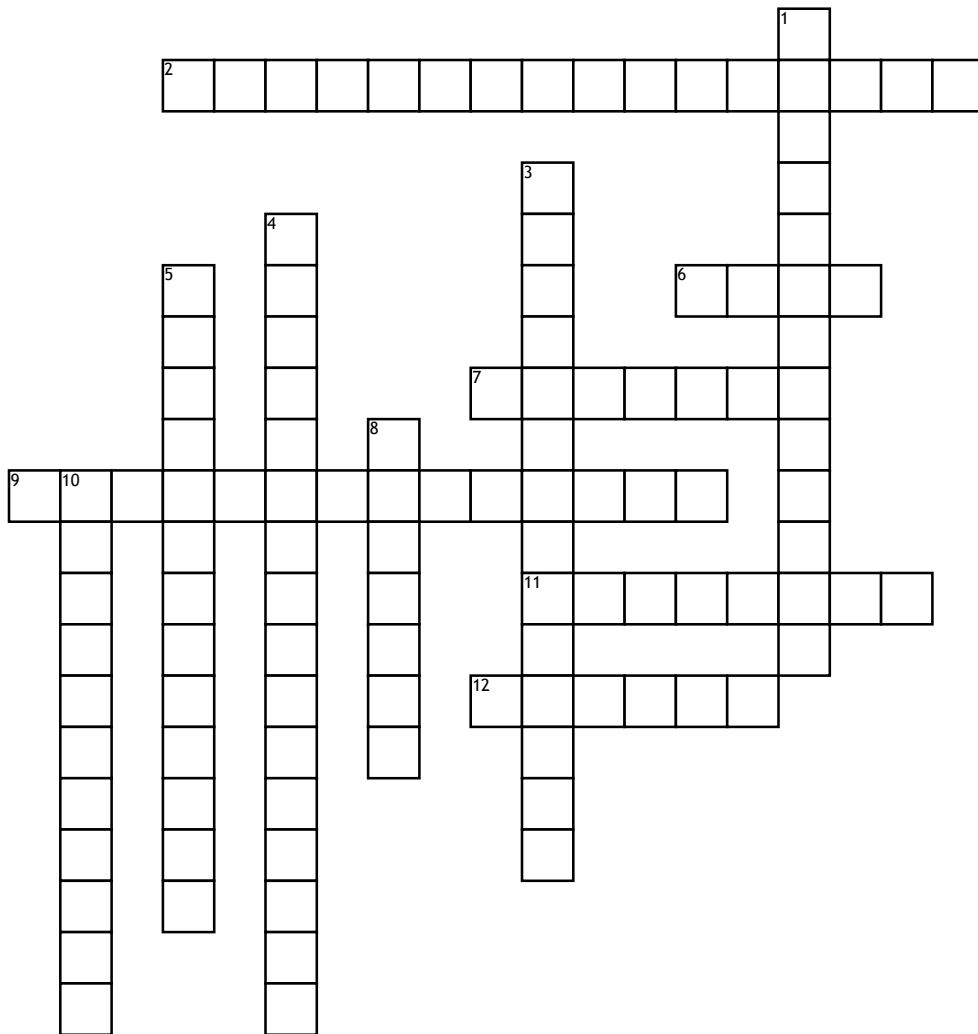


# Matter and its Properties Review



**Across**

- 2. What property is a characteristic that can be observed or measured without changing the identity of the substance.
- 6. What is the smallest unit of an element that maintains the chemical identity of that element?
- 7. What type of matter is a blend of two or more kinds of matter, each retaining its own identity and properties?

9. What type of change in a substance does not involve a change in the identity of the substance?

- 11. What type of pure substance is made from the atoms of two or more elements that are chemically bonded?
- 12. What is the name of anything that has both mass and takes up space?

**Down**

1. What type of mixture is not uniform throughout and can be separated by filtration or evaporation?

- 3. What is the type of change in which one or more substances are converted? into different substances?
- 4. What property relates to a substance's ability to undergo changes that transform it into different substances.
- 5. What is a sample of matter that has a fixed composition?
- 8. What type of pure substance cannot be broken down into simpler and is made up of one type of atom?
- 10. What type of mixture has a uniform composition?

**Word Bank**

- |                   |             |                   |                 |
|-------------------|-------------|-------------------|-----------------|
| Heterogeneous     | Compound    | Matter            | Chemical Change |
| Chemical Property | Homogeneous | Physical Property | Mixture         |
| Pure Substance    | Element     | Physical Change   | Atom            |