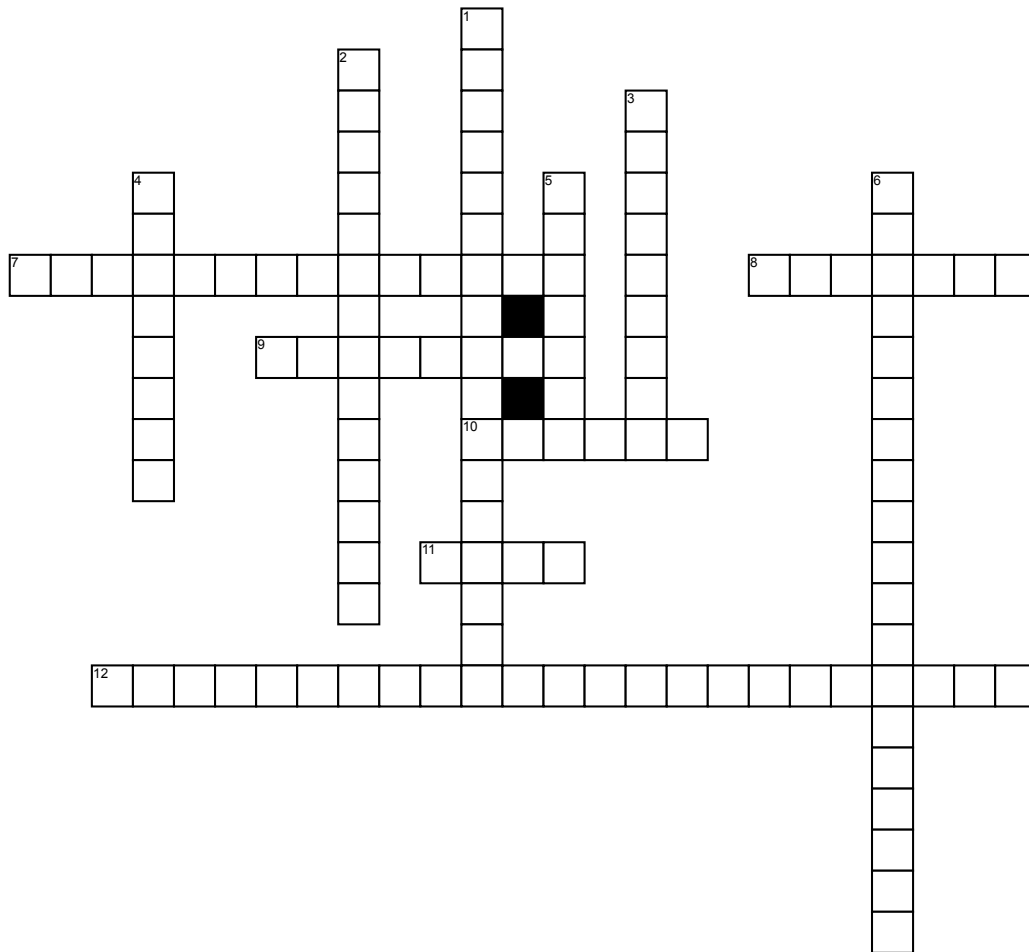


# Chapter 2. Vocabulary



## **Across**

- 7.** a change in matter in which the substances that make up the matter change into other substances with different physical and chemical properties.
- 8.** matter that can vary in composition.
- 9.** two or more atoms that are held together by chemical bonds and act as a unit.
- 10.** everything that has mass and takes up space.

## **Word Bank**

physical change  
heterogenous mixture  
atom  
substance

- 11.** small particle that is the building block of all matter.
- 12.** states that the total mass of a chemical reaction is the same as the total mass after the chemical reaction.

## **Down**

- 1.** a mixture in which two or more substance are evenly mixed but no bonded together.
- 2.** a change in size, shape, form or state of matter that does not change the matter's identity.

homogenous mixture  
compound  
matter  
molecule

- 3.** matter with a composition that is always the same.
- 4.** substance made of two or more elements that are specifically joined in a specific combination.
- 5.** a pure substance made up of only one kind of atom.
- 6.** mixture in which the substances are not evenly mixed.

chemical change  
mixture  
law of conservation of mass  
element