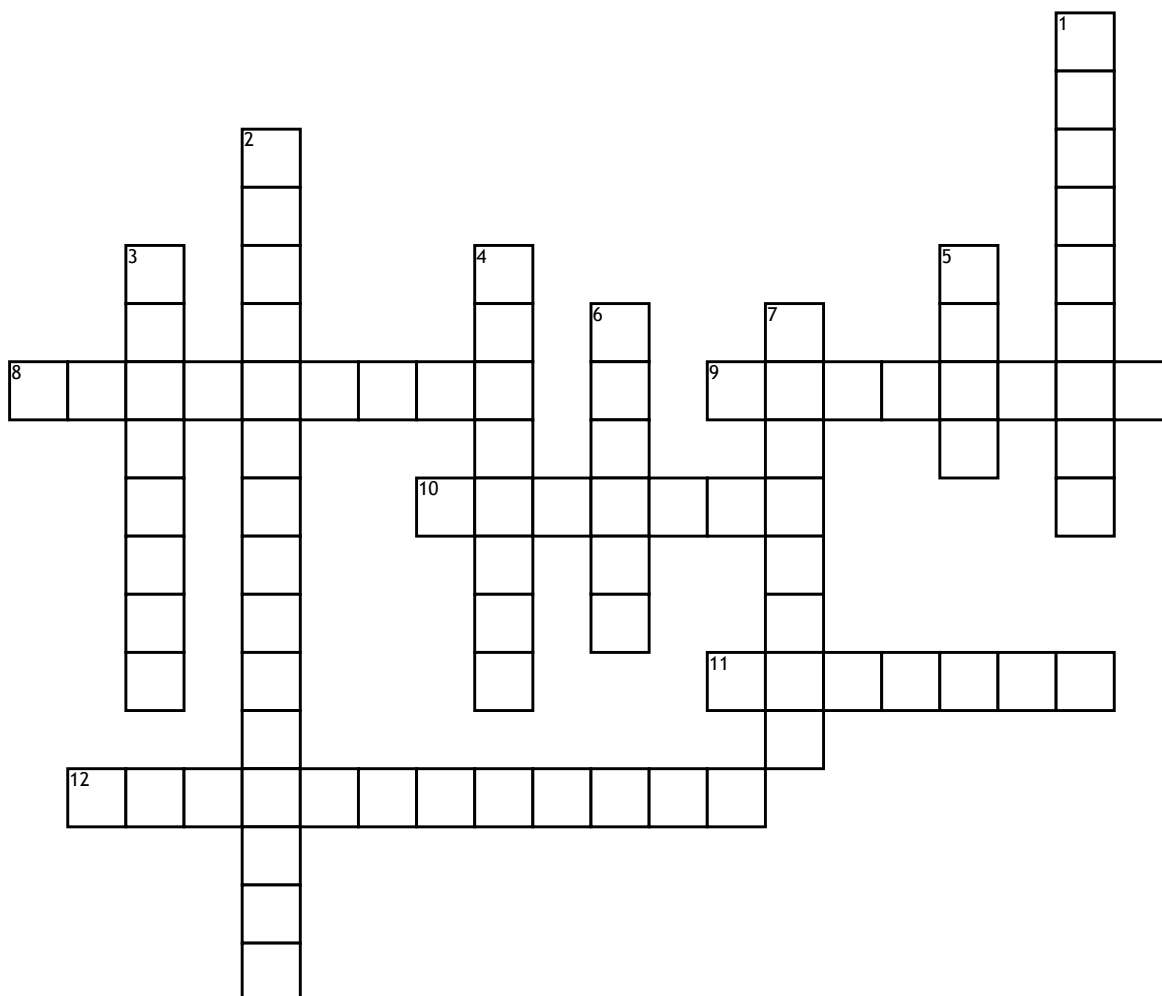


Intro to Chem Chpter 1 Sections 1 and 2 vocabulary

**Across**

8. the study of the properties of matter and how matter changes

9. a substance made of two or more elements chemically combined in a specific ratio, or proportion

10. two or more substances that are in the same place but their atoms are not chemically bonded

11. a substance that cannot be broken down into any other substances by chemical or physical means

12. the force of attraction that holds two atoms together

Down

1. a single kind of matter that is pure and has a specific set of properties

2. symbols that show the elements in a compound and the ratio of atoms

3. a property of a substance that describes its ability to change into different substances

4. a kind of property of a pure substance that can be observed without changing it into another substance

5. the basic particle from which all elements are made; the smallest particle of an element that has the properties of that element

6. anything that has mass and takes up space

7. a neutral group of two or more atoms held together by covalent bonds