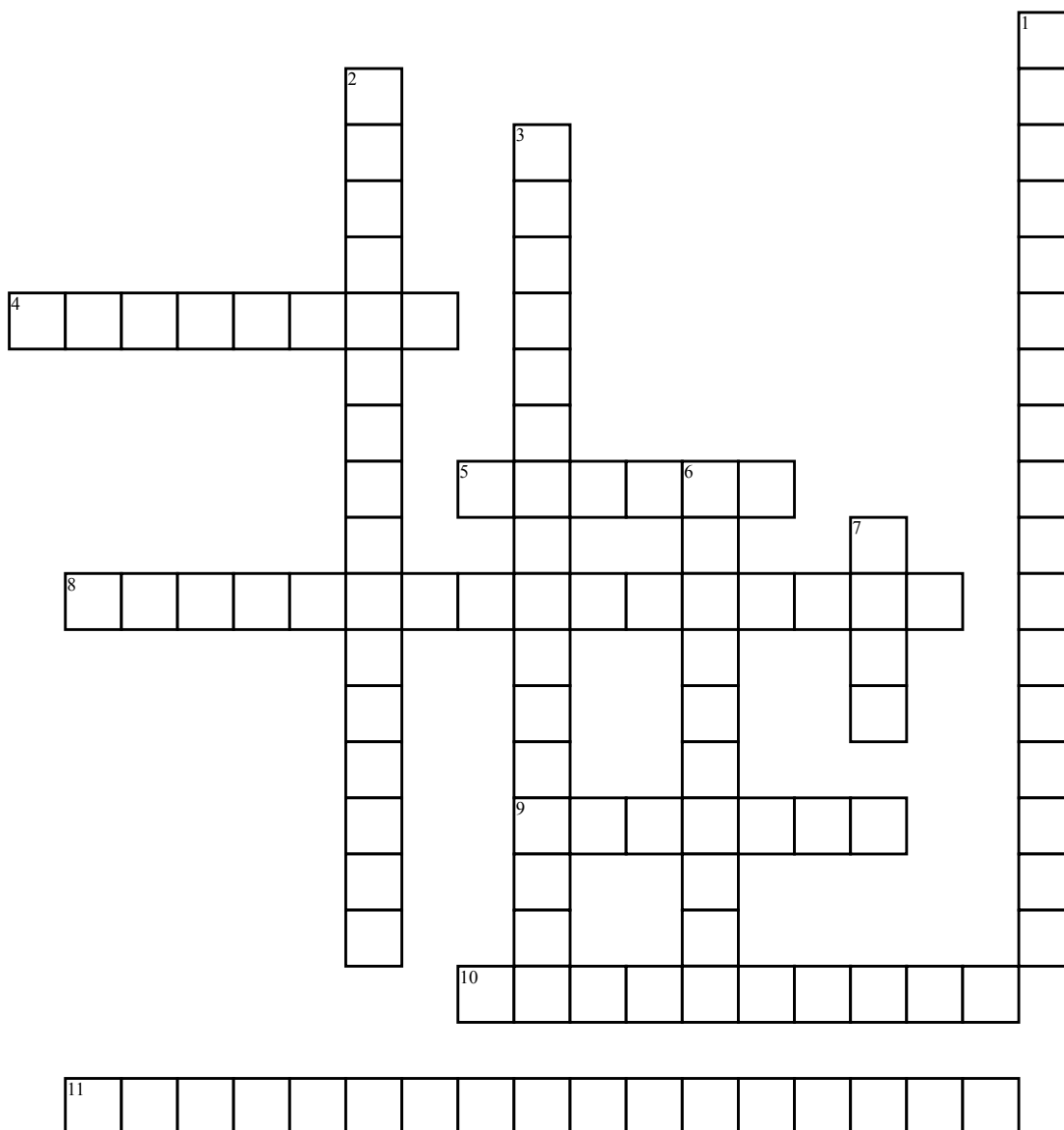


Weekly Vocab (2)



Across

4. a substance made up of atoms of two or more different elements joined by chemical bonds
5. anything that has mass and takes up space
8. a characteristic of a substance that does not involve a chemical change, such as density, color, or hardness
9. a substance that cannot be separated or broken down into simpler substances by chemical means
10. an explanation that is based on prior scientific research or observations and that can be tested
11. a property that does not depend on the amount of matter present, such as pressure, temperature, or density

Down

1. a property that depends on the extent or size of a system
2. a series of steps followed to solve problems including collecting data, formulating a hypothesis, testing the hypothesis, and stating conclusions
3. a property of matter that describes a substance's ability to participate in chemical reactions
6. a scientific procedure
7. the smallest unit of an element that maintains the chemical properties of that element