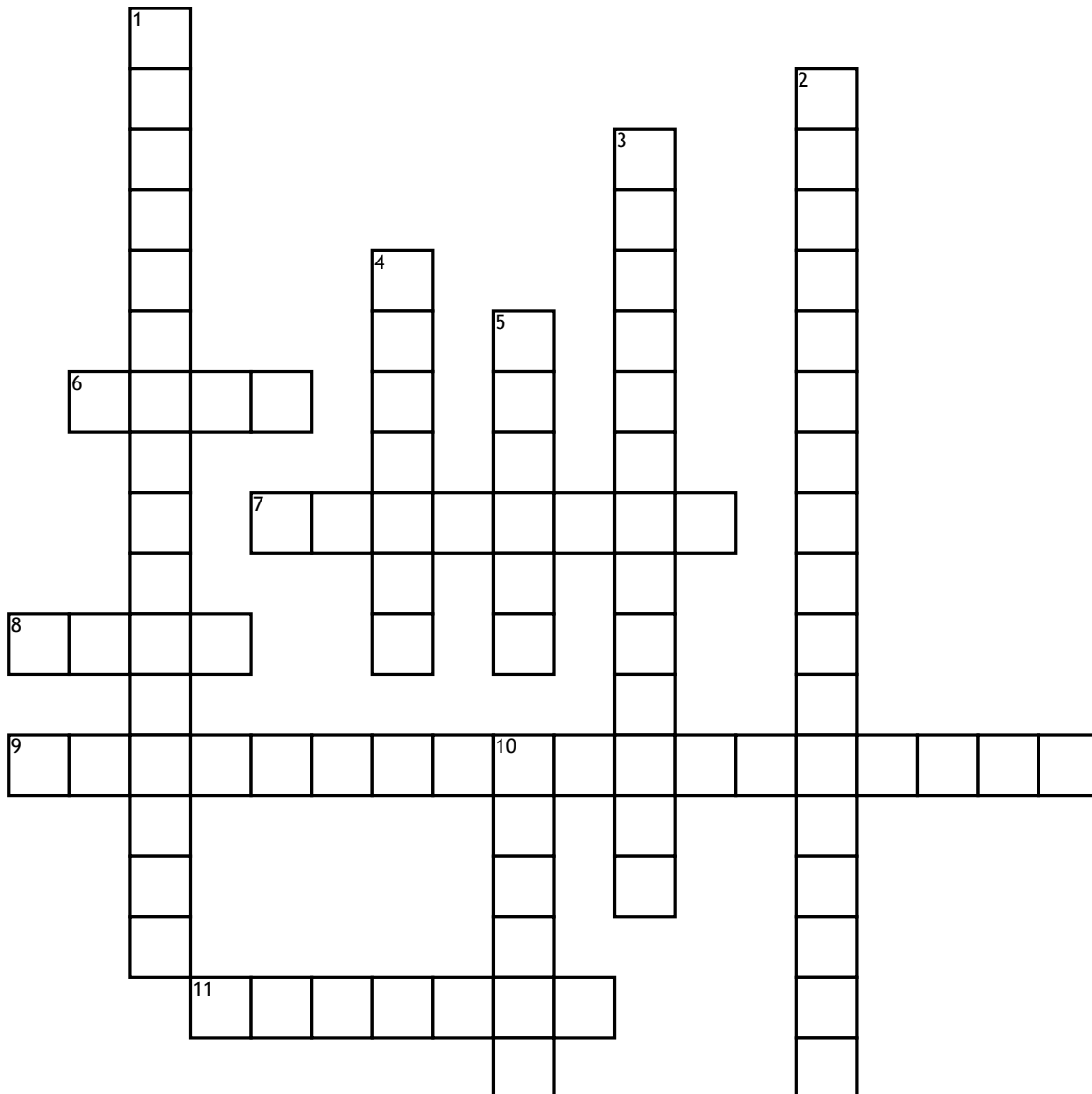


8.5 A Science Matter Vocabulary



Across

6. The amount of matter in something.
7. Located outside of the nucleus, in the electron cloud with a negative charge. Almost has no mass.
8. The smallest part of an element that has the same properties of the element.
9. The characteristics of a substance that describe its tendency to combine with other substances and form new ones: iron's ability to rust, paper's ability to burn
11. Located in the nucleus with neutral or no charge. Has a mass of 1 amu

Down

1. A property of matter that can be observed without changing the composition or identity of the matter: color, size, shape, elasticity, mass, composition, volume, density
2. What are the smaller parts of an atom: protons, neutrons, electrons?
3. The region around the nucleus where an electron may be found.
4. The center of an atom containing protons and neutrons.
5. What has mass and takes up space?
10. Located in the nucleus with a positive charge. Has a mass of 1 amu