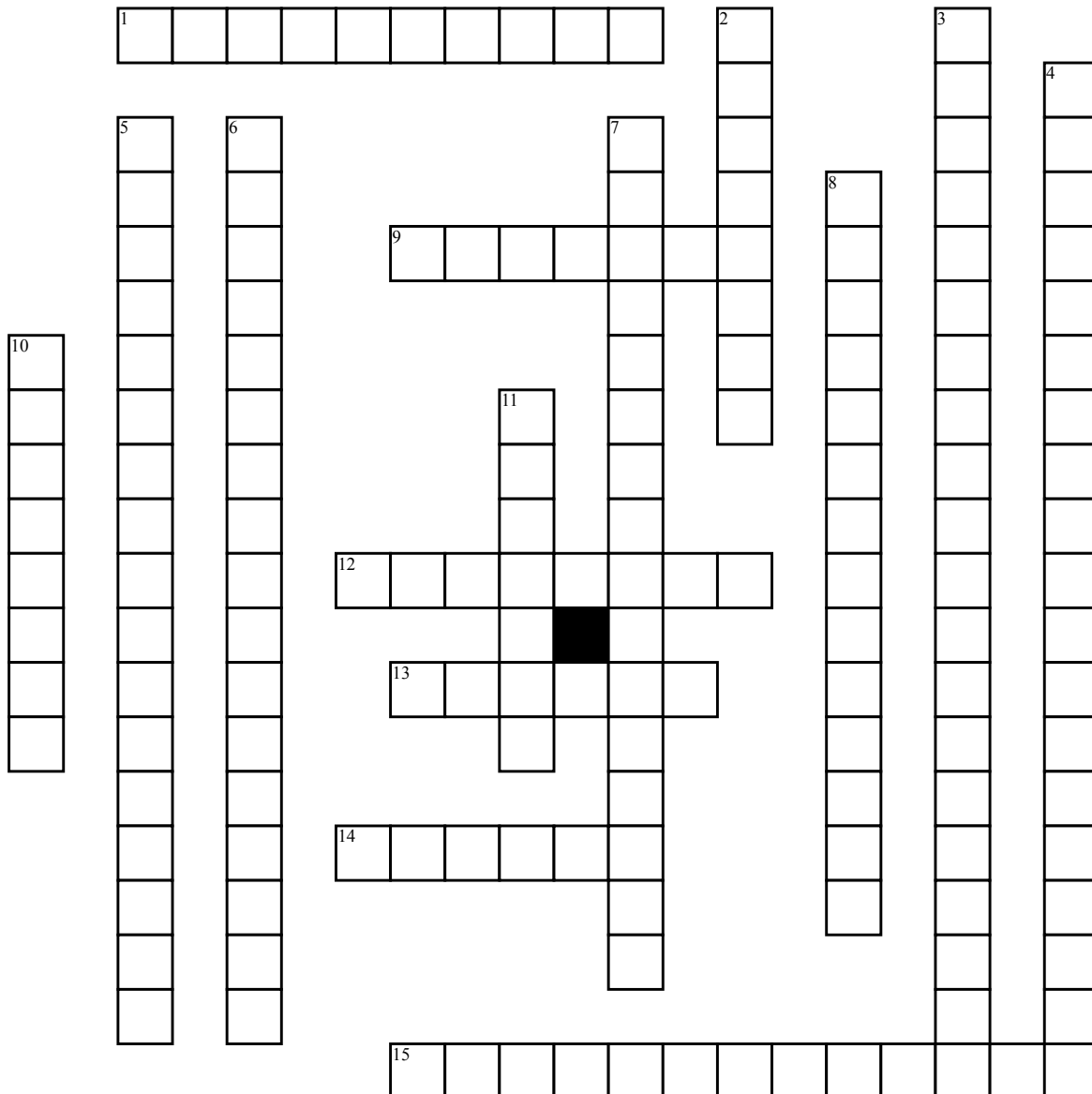


CH.2 Part 1 Matter and Atomic Structure Vocab



Across

1. Protons + Neutrons =

9. A pure substance that cannot be broken down by chemical means.

12. Copper-63 and Copper-65 are _____ of copper, because they are two atoms of copper with different masses.

13. Every atom of Aluminum will always have 13 of this type of positive subatomic particle found in the nucleus.

14. Air, Water, Soil are examples of _____ which must have a mass and take up space.

15. This number is the same as the number of protons, and identifies an element on the periodic table.

Down

2. This subatomic particle can be lost or gained by an atom to create either a positive or negative charge.

3. Sandy water is considered to be this type of matter.

4. An aqueous solution of HCl is considered to be this type of mixture.

5. Density is considered a _____ because it is unique to each substance and does not depend on how much of the substance you have.

6. A weighted average of the various masses of the isotopes of an atom.

7. Alcohol's flammability is an example of a -

8. Folding origami is an example of this type of change.

10. A pure substance made up of two or more elements that can be broken down by chemical means.

11. A neutral subatomic particle found in the nucleus that can change in different forms of the same element.