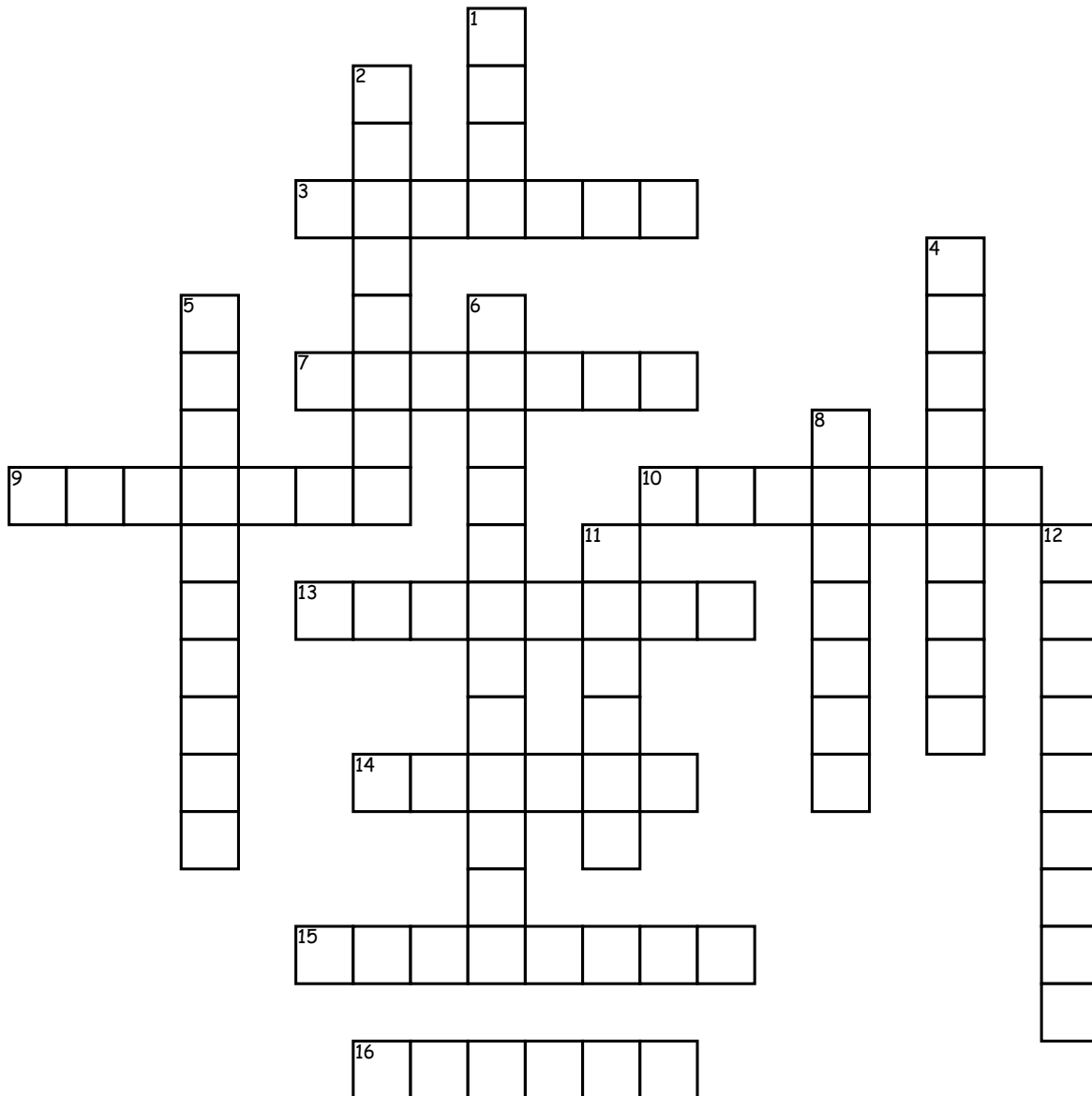


# Elements/Periodic Table Crossword



## Across

3. a pure substance that cannot be broken down

7. the neutral subatomic particle found in the nucleus

9. the center of an atom (contains two types of subatomic particles)

10. the type of electrons on the outermost energy level

13. the negative subatomic particle found in the electron cloud

14. a notation of one or two letters representing an element

15. the only nonmetal on the far left-hand edge of the periodic table

16. the columns in the periodic table (determines valence electrons)

## Down

1. the basic unit of a chemical element

2. the most reactive family of nonmetal elements (except hydrogen)

4. a group of atoms bonded together

5. the most stable family of elements

6. the number an element is identified by (the number that tells the number of protons and electrons)

8. the rows in the periodic table (determines energy levels)

11. the positive subatomic particle found in the nucleus

12. a diagram showing energy levels and the nucleus of an atom