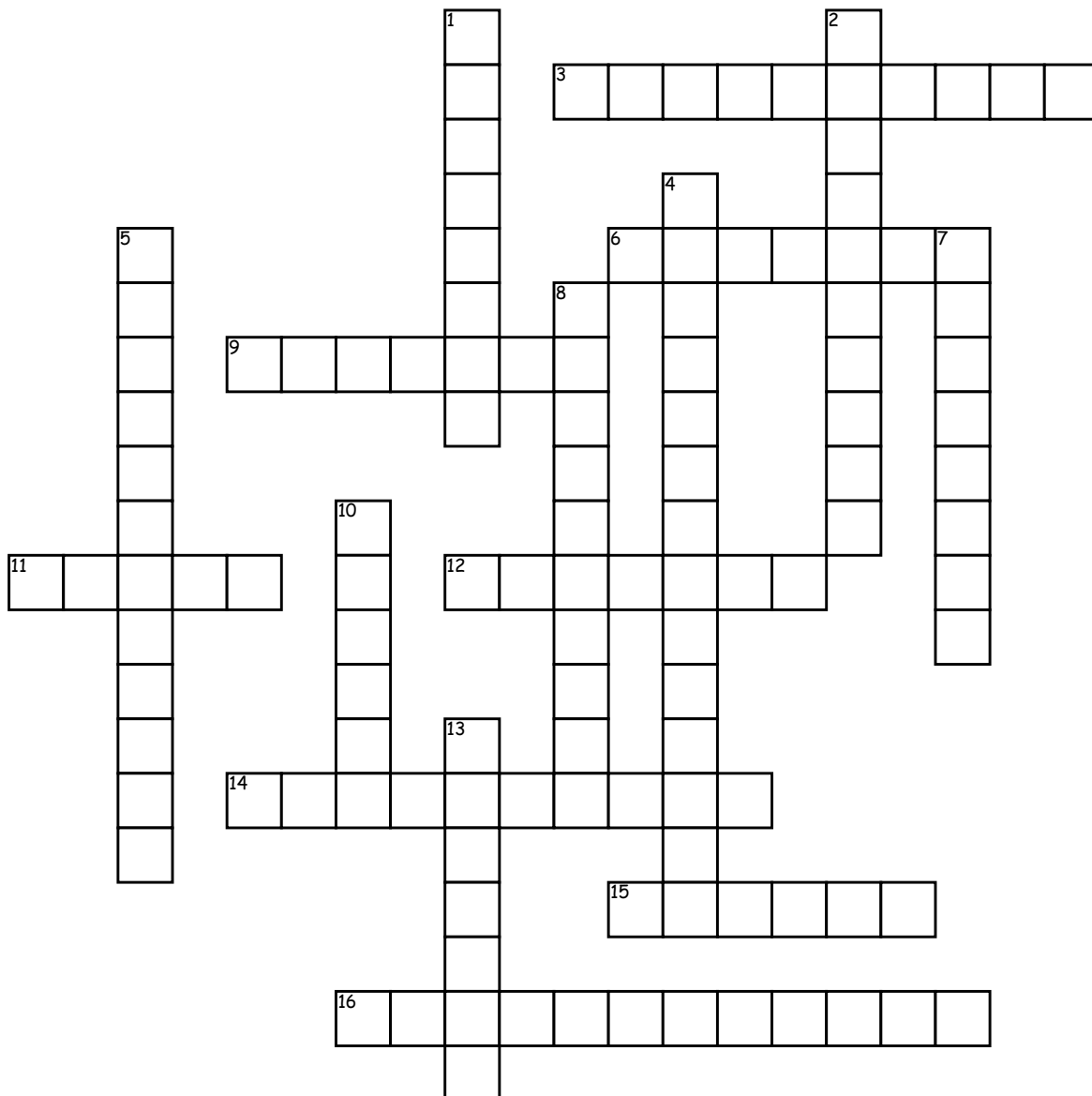


Chemistry: Matter and Atomic structure



Across

3. method used to separate a solid from a suspension

6. the word that describes the electrons in the outer shell of an atom

9. A pure substance made of one kind of atom

11. state in which particles only vibrate

12. the centre of an atom which holds the protons and neutrons

14. mixture in which the solid does not dissolve

15. an abbreviation for an element's name

16. The number of protons in an atom

Down

1. two or more atoms of the same element having different masses

2. What is found when you add together the protons and neutrons in an atom

4. what states that all matter is made of tiny particles

5. Method used to recover a liquid from a solution

7. negatively charged particle in an atom

8. The average mass of the atoms of a given element

10. they thought that all matter was made of four elements

13. particle in an atom with no charge