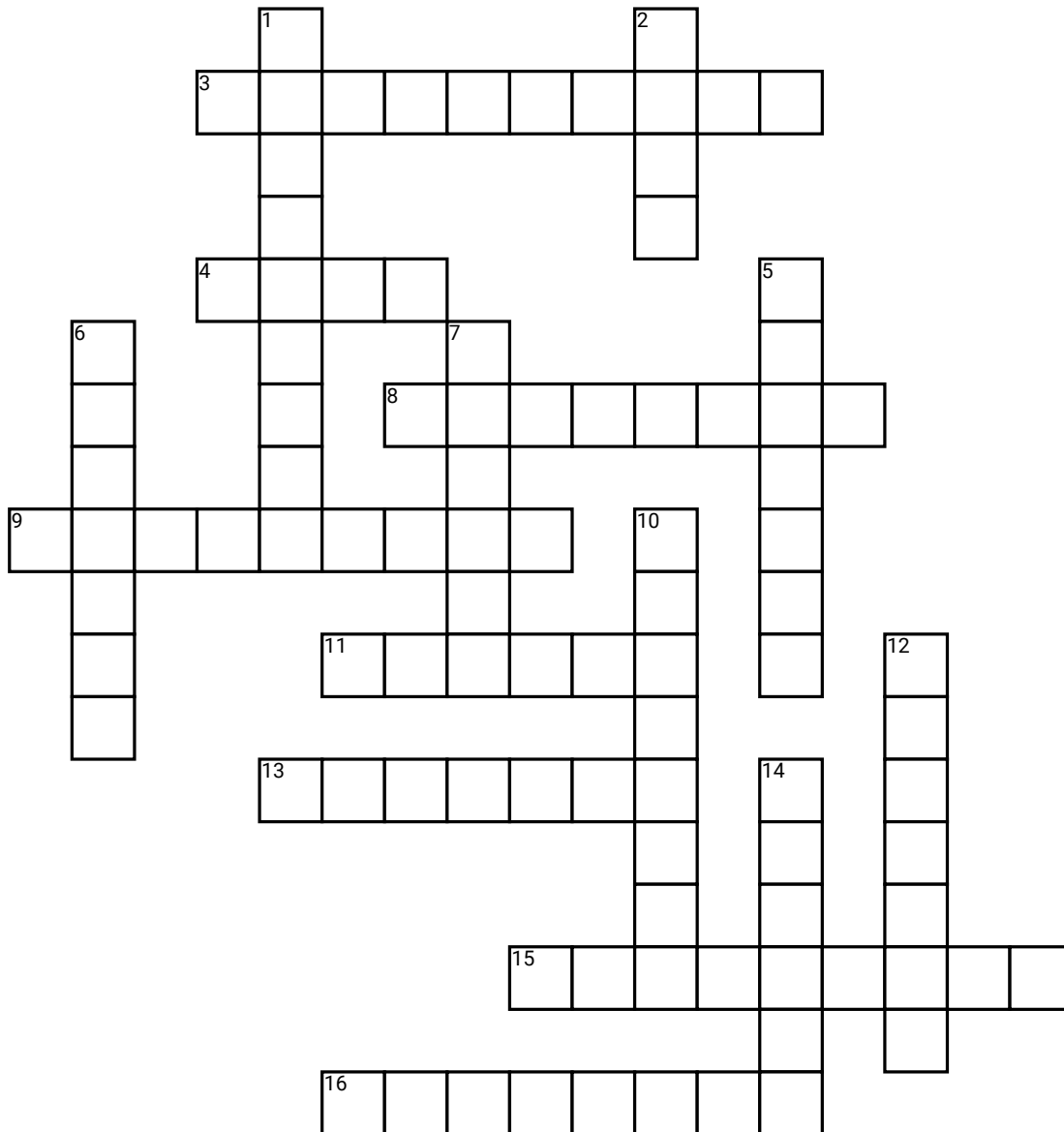


atomic structure



Across

3. who discovered the nucleus?
4. What is the smallest unit of matter?
8. who discovered the neutrons?
9. what is the name of the way protons, neutrons, and electrons are arranged in an element??
11. what are electrons arranged in?

13. what substance is made up of one type of atom?
15. what are the negatively charged sub atomic particles in an atom?
16. who discovered the electrons?

Down

1. what are protons, neutrons, and electrons?
2. who discovered the electron shells?

5. what is the centre of a atom?
6. which sub atomic particle is positively charged?
7. what do elements gain when losing or gaining electrons?
10. what is the charge of an element that has lost an electron?
12. which sub atomic particle is neutral?
14. who had discovered the first idea of the atom?