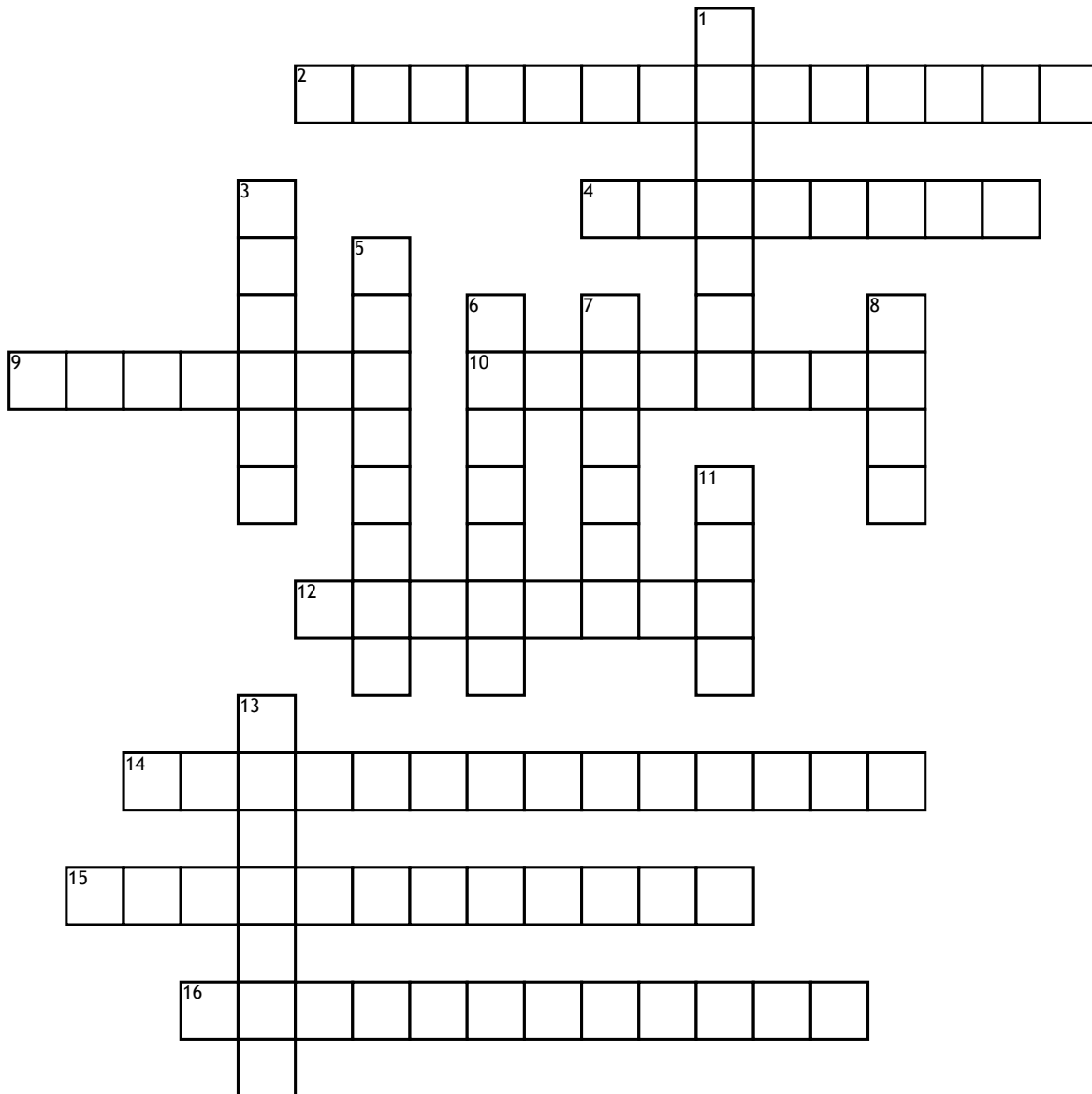


Atoms



Across

2. A change in the physical form like solid to gas to liquid
 4. Joining of two or more elements
 9. Atoms arranged in a geometric pattern
 10. One of the atom bonded to another atom in chemical reaction

12. Orbits the nucleus of an atom, negative charge
 14. A change to a new substance
 15. Temperature when a solid starts to melt
 16. Temperature when a liquid starts to boil

Down

1. Made up of all the same type of atoms

3. Part of the nucleus in an atom, positive charge
 5. The bonding of two or more atoms
 6. The result of combining two different atoms
 7. Makes up everything
 8. Smallest particle
 11. Joining of atoms
 13. Part of the nucleus of an atom, no charge