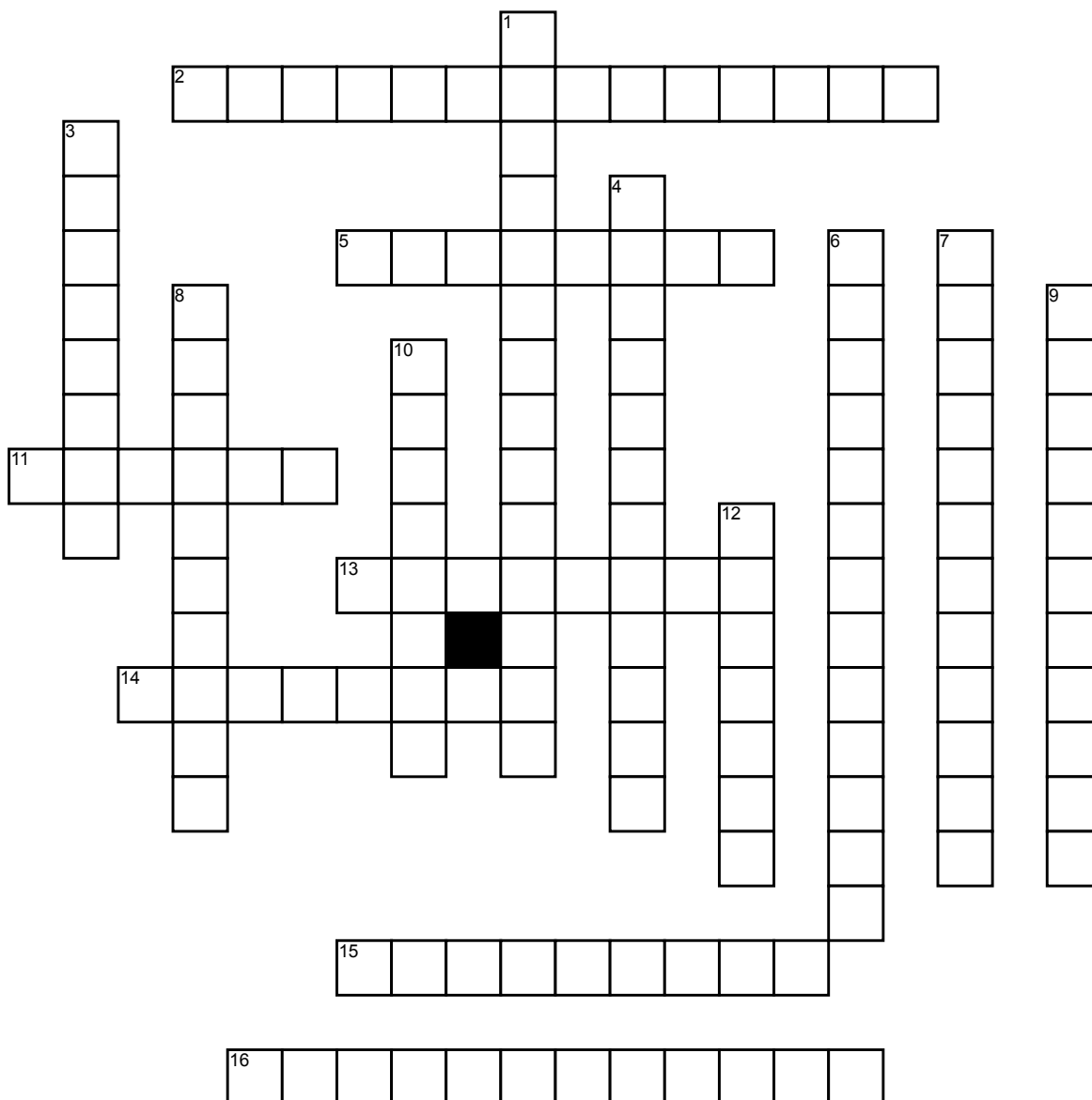


Keyword Crossword



Across

2. chromatography A technique to separate mixtures of liquids (often coloured) that are soluble in the same solvent.

5. The change of state from liquid to solid at the melting point of a substance.

11. The solid or gas that is dissolved in a liquid.

13. The liquid or solution that collects in the container after the mixture has passed through the filter paper.

14. The complete mixing of a solute with a solvent to make a solution.

15. The process by which particles in liquids or gases spread out through random movement from a region where there are many particles to one where there are fewer.

16. The change of state from gas to liquid. It can happen at any temperature below the boiling point.

Down

1. the three forms in which a substance can exist – solid, liquid, and gas.

3. A mixture of a solute dissolved in a solvent. All parts of the mixture are the same.

4. A technique that uses evaporation and condensation to obtain a solvent from a solution.

6. A single material with no other substances mixed with it.

7. An image obtained from chromatography.

8. The maximum mass of solute that dissolves in a certain volume or mass of solvent.

9. gas pressure The force exerted per unit area on the walls of a container. It is caused by collisions of particles with the walls.

10. A very tiny object, such as an atom or molecule, that materials are made from. They are too small to be seen with a microscope.

12. The mass of a material in a certain volume.