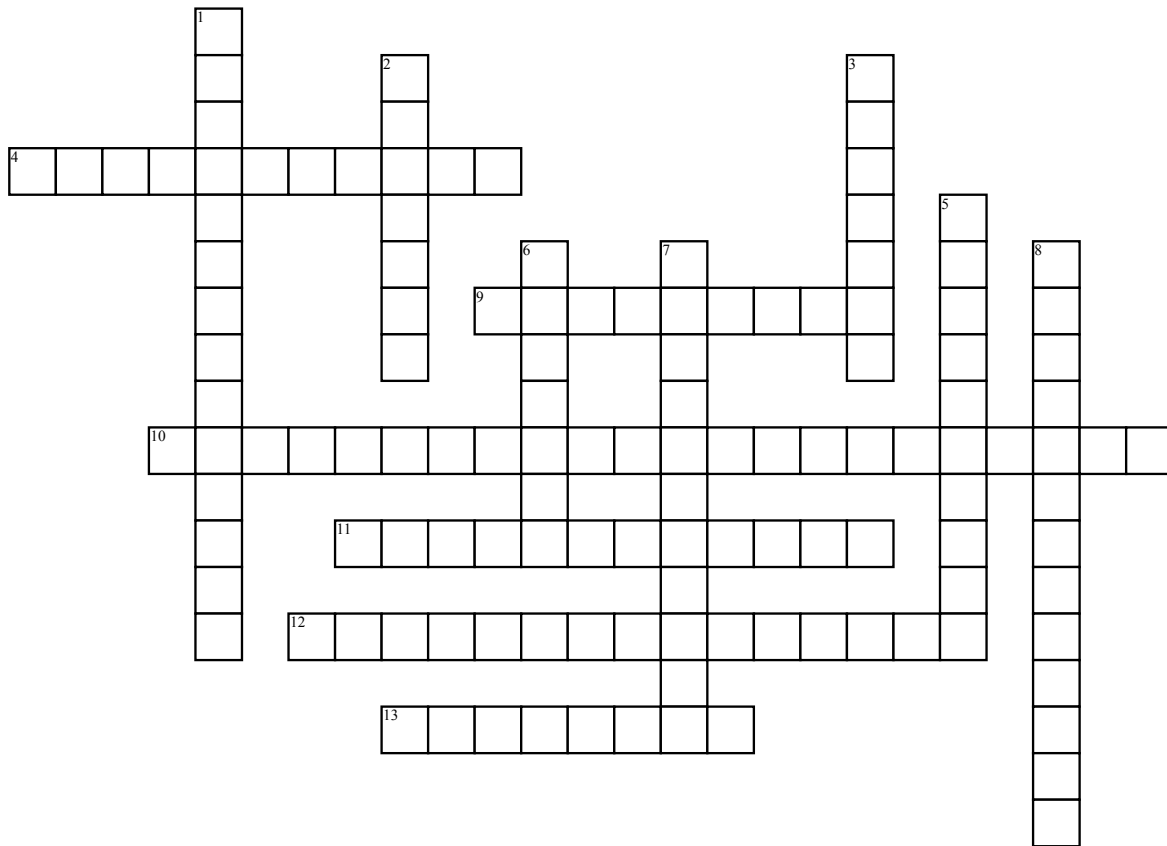


combined science- revision



Across

4. the change of state from liquid to gas below the boiling point

9. If two gases or liquids are mixed the different types of particle spread out and get mixed up.

10. the separation of a mixture of liquids using differences in boiling point

11. the change of state from gas to liquid

12. the formation of crystals when a saturated solution is left to cool

13. the change of state from liquid to solid at the melting point

Down

1. the separation of a mixture of soluble (coloured) substances using paper and a solvent

2. the change of state from liquid to gas at the boiling point of the liquid

3. the change of state from solid to liquid

5. the separation of a solid from a liquid using filter paper

6. In a solid, the particles can only _____ about their fixed positions.

7. the change of state directly from solid to gas (or the reverse)

8. the three states of matter are solid, liquid and gas