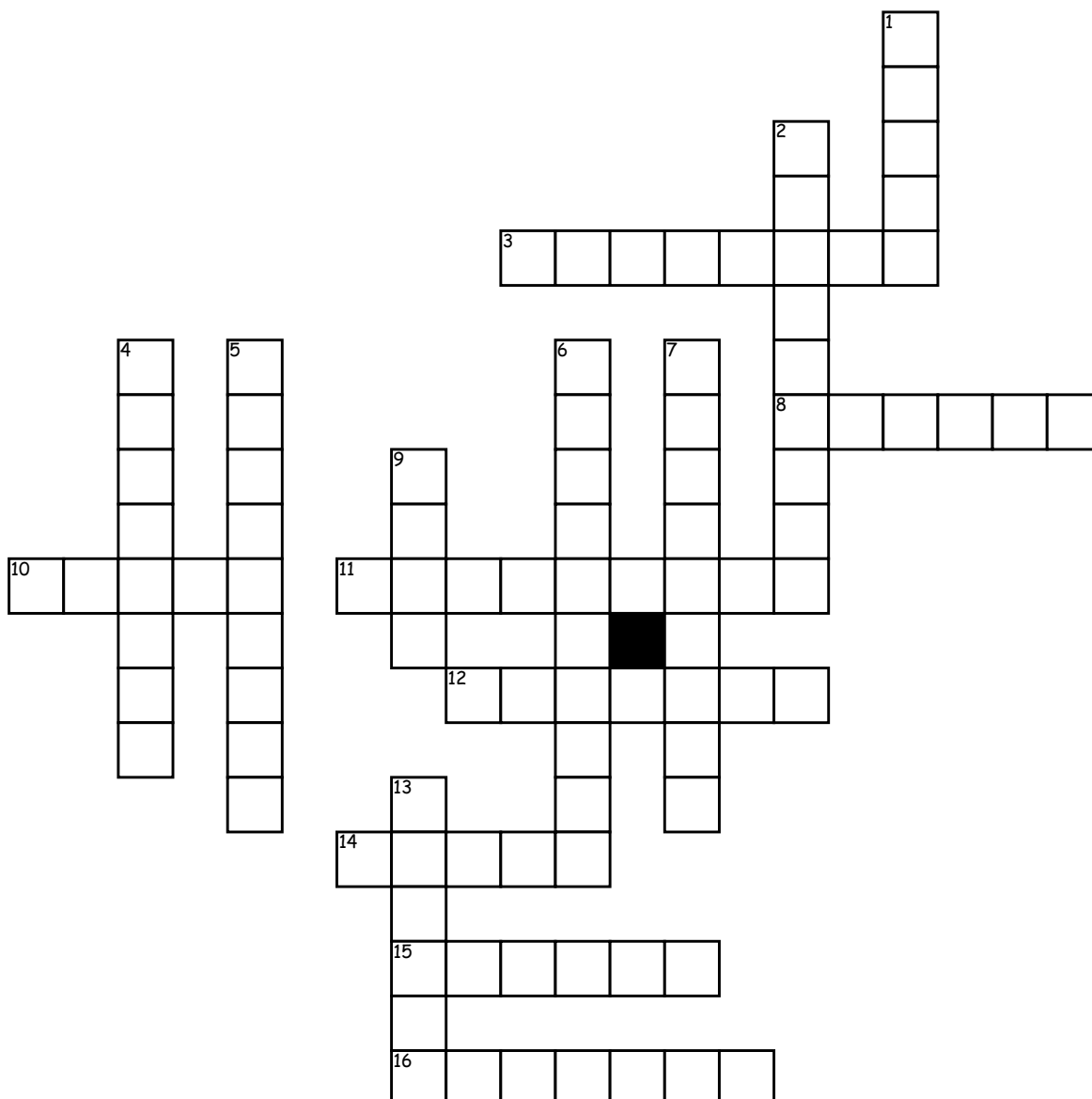


# Elements



## Across

3. what gas is produced when the alkaline metals react with water

8. which element is the second hardest of the alkaline metals

10. how many chlorine atoms are bonded in aluminium chloride

11. this alkali metal burns with a purple flame

12. the least reactive alkaline metal

14. which noble gas is used in lasers

15. this halogen is a liquid at solid at room temperature

16. the only metal that is a liquid at room temperature

## Down

1. which noble gas is used in double glazed windows

2. group 2 period 3

4. the most reactive halogen

5. how does the reactivity of the group 7 elements change as you go down the group

6. the elements from scandium to zinc are called the ? metals

7. element with mass number 27

9. this gas is used to make colourful signs

13. The lightest noble gas