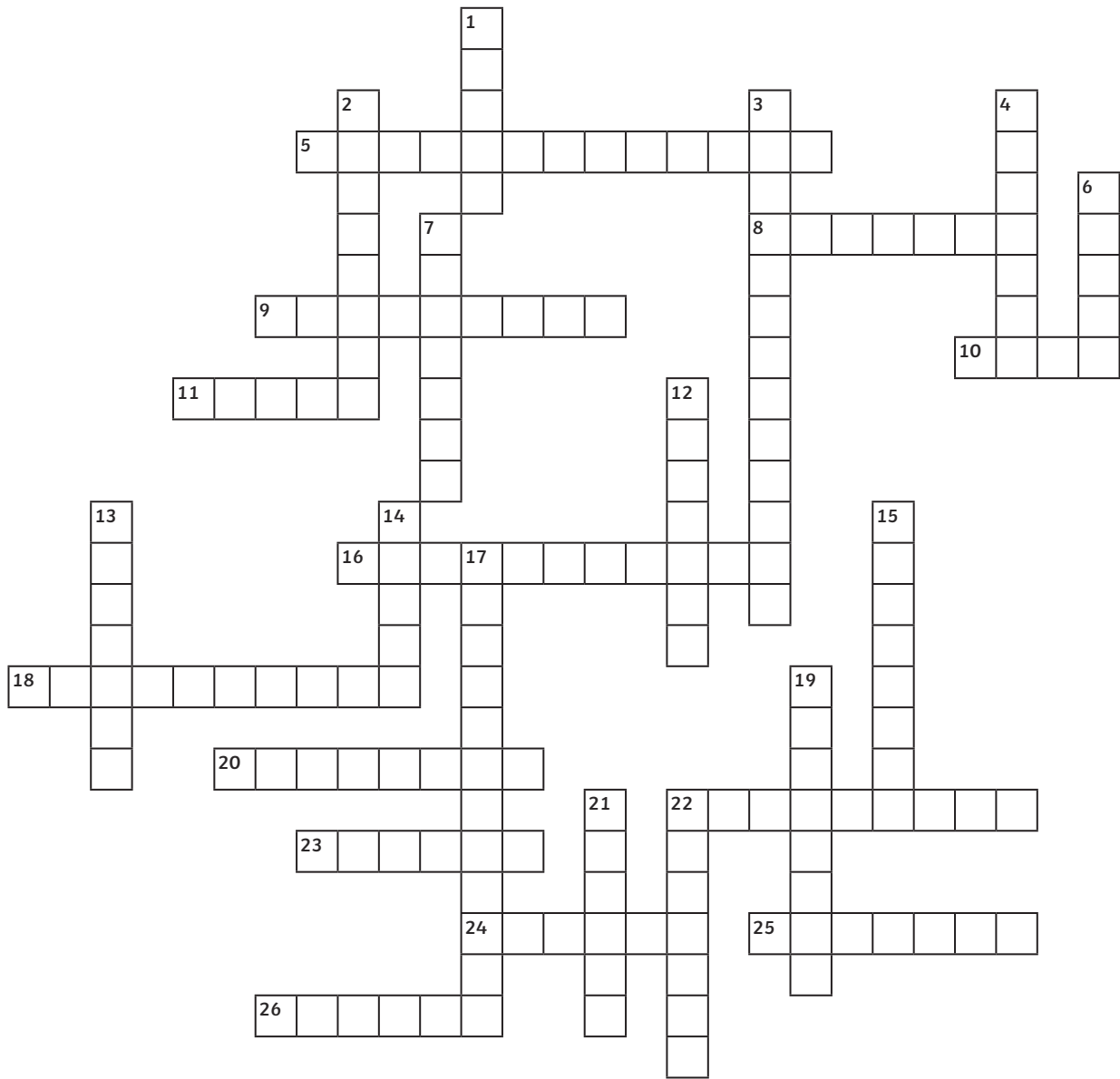


# Electricity and Magnets Crossword



ammeter  
amperes  
attract  
battery  
cell  
circuit

cobalt  
complete  
component  
current  
electrodes  
electrolysis

electromagnet  
friction  
iron core  
magnetic field  
parallel  
poles

power source  
repel  
series  
static  
steel  
switch

voltage  
voltmeter  
volts

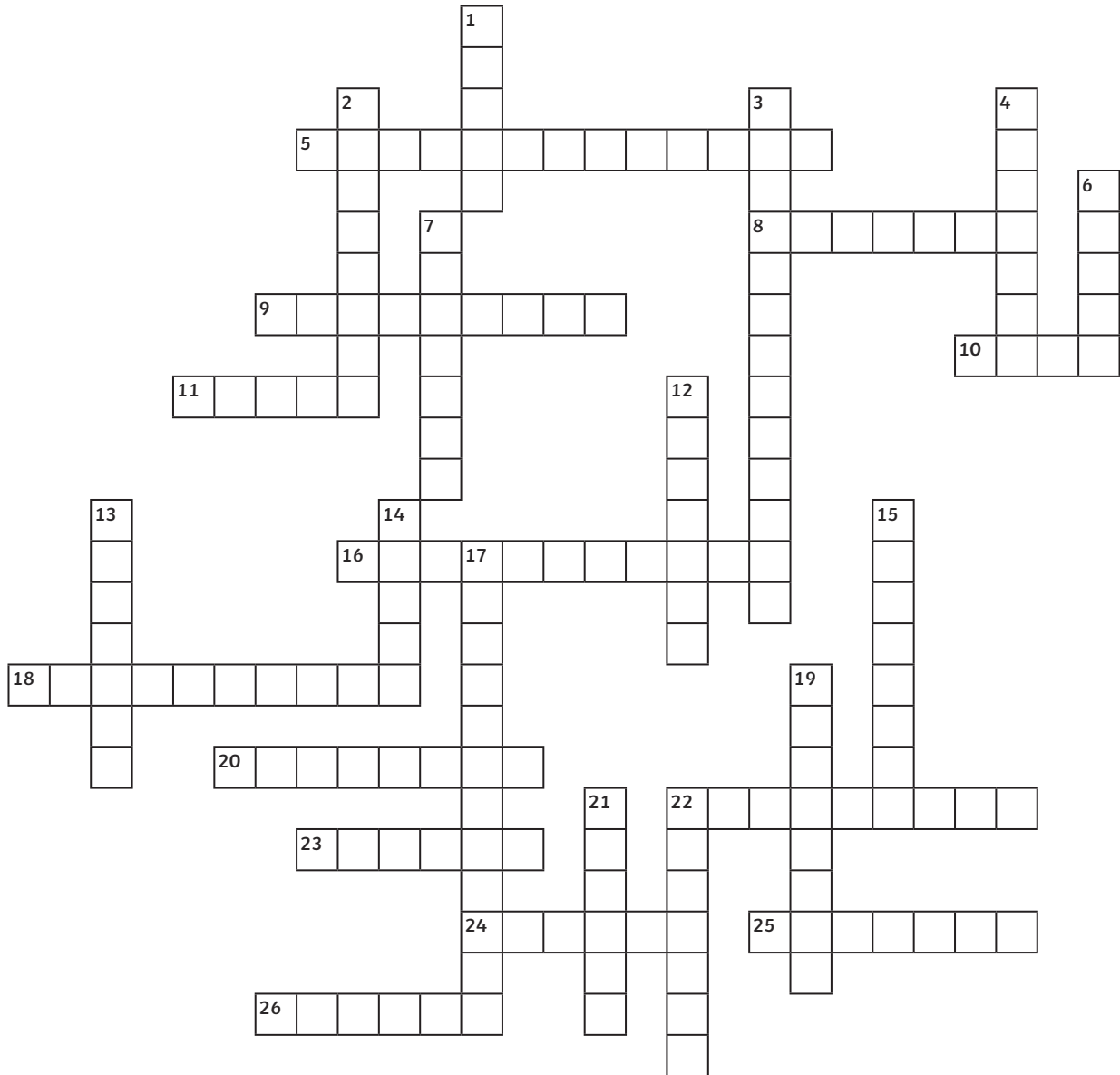
**Across**

5. The invisible region of force surrounding a magnet. [8,5]
8. The flow of electric charge in a circuit. [7]
9. Equipment used to measure the difference in electrical charge across two points in a circuit. [9]
10. A single battery in an electrical circuit. [4]
11. Like poles of a magnet will \_\_\_\_\_. [5]
16. This is required within an electrical circuit to move the charge and create a current. [5,6]
18. The conductive rods which are put in the solution for electrolysis. [10]
20. The middle of an electromagnet. [4,4]
22. A device or part of a circuit. [9]
23. Iron, \_\_\_\_\_ and nickel are all magnetic metals. [6]
24. An electrical charge that is not moving. It causes crackling and hissing sounds and can create sparks. [6]
25. Opposite poles of a magnet will \_\_\_\_\_. [7]
26. Type of circuit where the components are connected in a line. [6]

**Down**

1. The north and south ends of a magnet. [5]
2. Type of circuit where each component is connected on its own branch. [8]
3. A metal core made into a magnet by a current flowing through wire coiled around it. [13]
4. The difference in electrical charge across two points in a circuit. [7]
6. This metal alloy contains a high proportion of iron and is also magnetic. [5]
7. Equipment used to measure the flow of electrons in a circuit. [7]
12. Unit of measurement for current. [7]
13. Two or more connected cells in an electrical circuit. [7]
14. Unit of measurement for voltage. [5]
15. The force between two surfaces that are rubbing together, which can produce an electrical charge. [8]
17. A chemical reaction which breaks down a solution by passing an electrical charge through it. [12]
19. When all the connections in a circuit are joined and the flow of charge is not interrupted, the circuit is \_\_\_\_\_. [8]
21. Something that can be used to complete or break a circuit connection. [6]
22. The closed path through which the electrical charge can flow. [7]

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# Electricity and Magnets **Answers**

