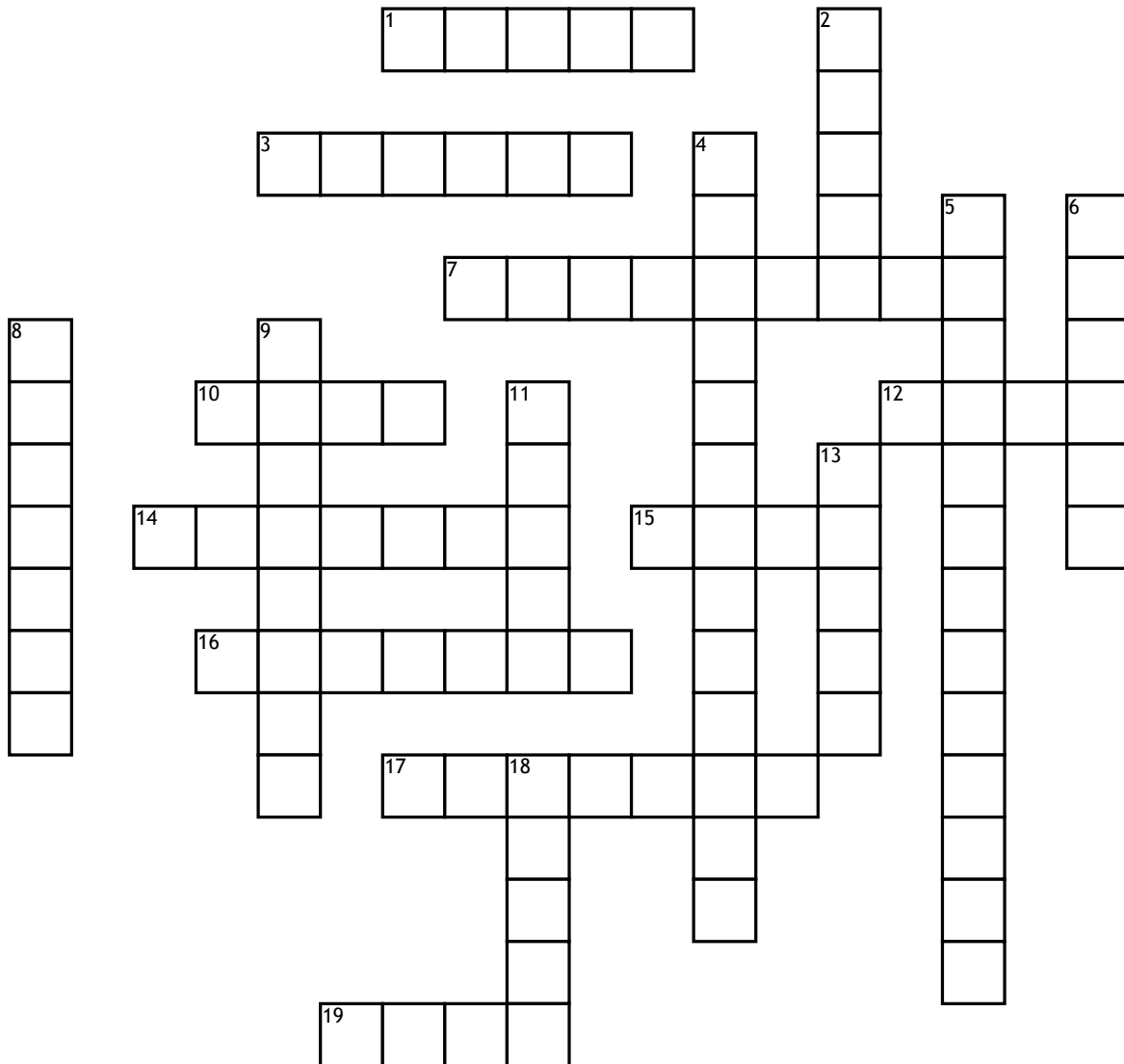


ELECTROMAGNETISM



Across

- 1. NOT THE SOUTH POLE OF A MAGNET
- 3. A MAGNETIC METAL
- 7. SHAPE OF A MAGNET
- 10. PART OF A MAGNET THAT CAN BE NORTH OR SOUTH
- 12. A MAGNETIC METAL ELEMENT
- 14. A DEVICE THAT MAKES USE OF AN ELECTROMAGNET
- 15. OPPOSITE OF HARD

- 16. A MAGNET THAT IS USED TO SHOW DIRECTION
- 17. INCREASE THIS INCREASES THE STRENGTH OF AN ELECTROMAGNET
- 19. THE WIRE WRAPPED AROUND AN IRON CORE TO MAKE AN ELECTROMAGNET

Down

- 2. OPPOSITE OF NORTH
- 4. A MAGNET THAT CAN BE TURNED ON OR OFF WITH AN ELECTRIC CURRENT

- 5. A SUBSTANCE THAT DOES NOT DEMAGNETISE EASILY
- 6. IT CAN PICK UP IRON AND STEEL
- 8. UNLIKE POLES DO THIS
- 9. A COIL CARRYING ELECTRIC CURRENT
- 11. DECREASE THE NO. OF THESE WILL DECREASE THE STRENGTH OF AN ELECTROMAGNET
- 13. ALLOY OF IRON
- 18. WHAT LIKE POLES DO TO EACH OTHER