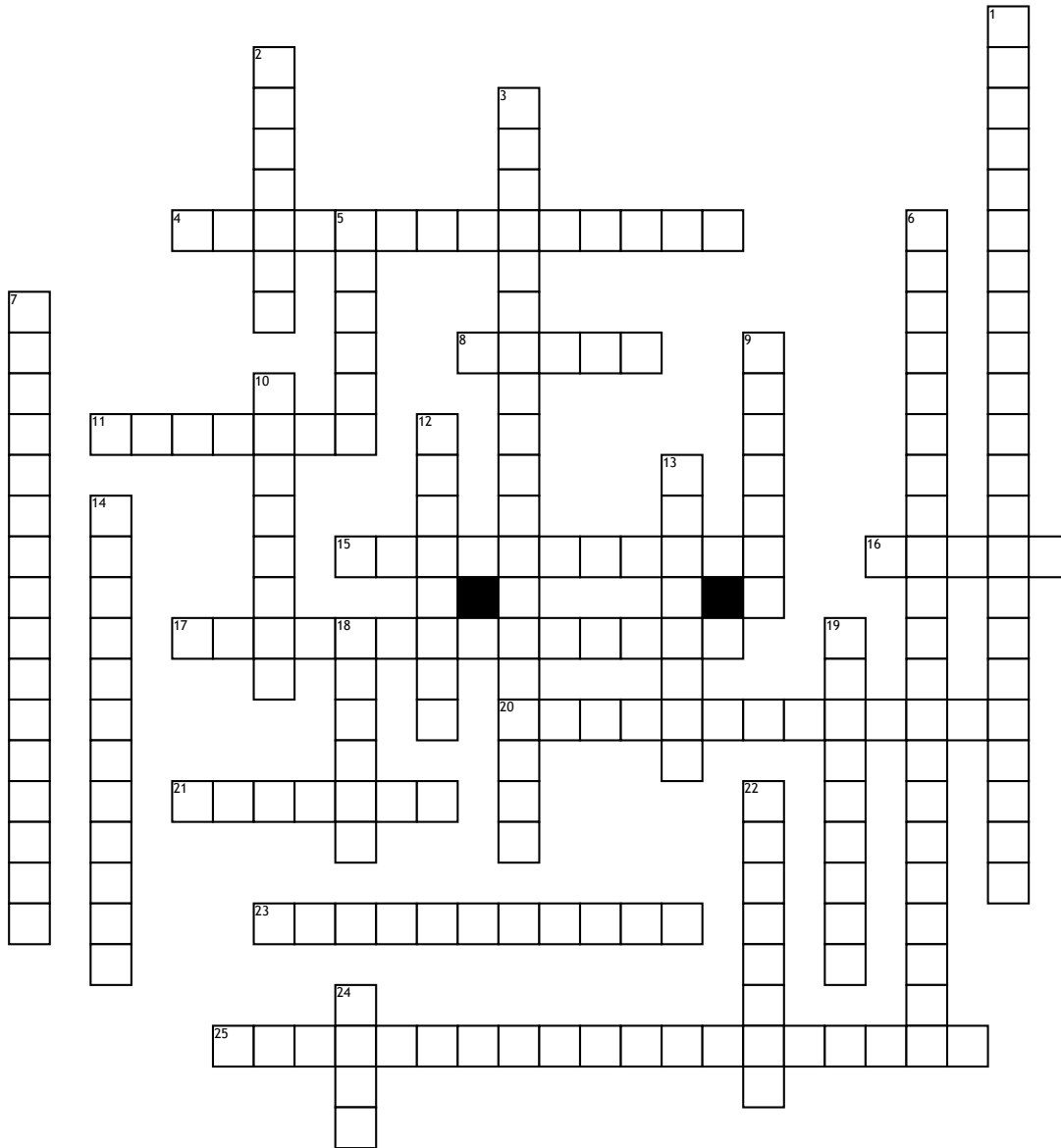


Physics electromagnetism



Across

- 4. What does index (pointing) finger indicate in Flemmings rule?
- 8. The magnetic field is strongest between a hoops _____
- 11. Opposites _____
- 15. Can can use _____ to illustrate magnetic field lines on a paper over a magnet
- 16. The earths North Pole is the _____ pole of a magnet.
- 17. In the right hand rule, what does the thumb represent?
- 20. In a uniform magnet, the field lines are e_____. S_____
- 21. You can demagnetise a magnetised material by _____ it
- 23. What current is produced by a slip ring in a generator?

- 25. What hand rule do we use for generators?

Down

- 1. What hand rule do we use to find force in a motor?
- 2. How can you increase the force in a motor effect: by increasing the _____
- 3. What is induced when a conductor cuts the magnetic field lines?
- 5. When current is produced by a split ring commutator in a generator?
- 6. Which materials are magnetic (alphabetical order)
- 7. Generators turn kinetic energy to...
- 9. We use a _____ to find / plot the direction of a magnetic field
- 10. In a uniform magnet, the field lines are p_____

- 12. How can you magnetise a magnetic material: by _____ it with a permanent magnet
- 13. Objects without a magnetic field have _____ arranged domains
- 14. Law that describes increasing induced current?
- 18. What is the name given to a group of atoms with a net magnetic field?
- 19. The shape of the field _____ the conductors shape
- 22. How is current produced in a generator?
- 24. A magnetic material that cannot be magnetised easily is magnetically _____