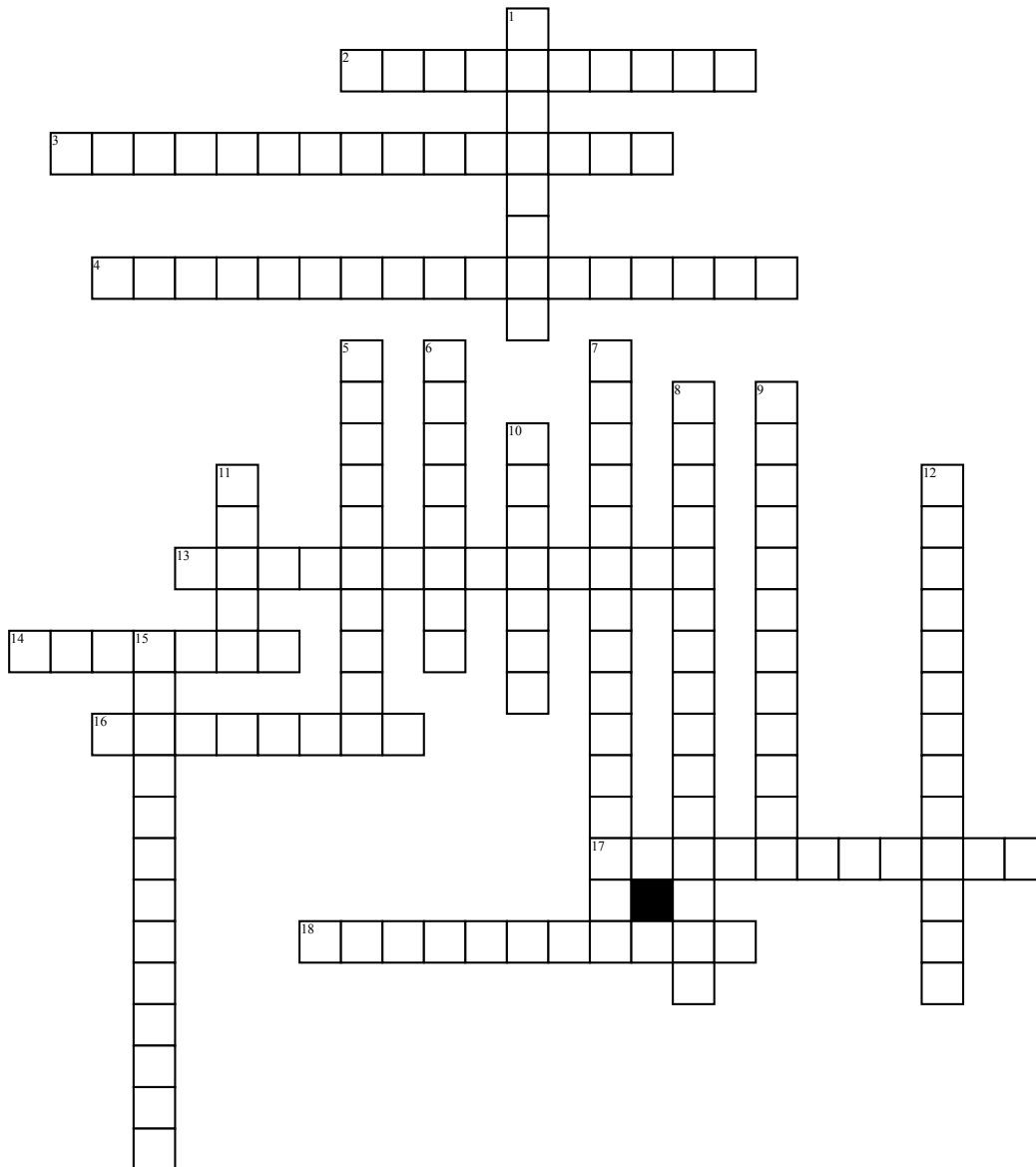


Name: _____

magnetism



Across

2. there is no deflection in the galvanometer it means the coil and the magnet are
3. a way to induce current in a coil
4. the magnetic field around a current-carrying straight wire
13. A current-carrying solenoid coil is used to magnetise steel rod inside it
14. a device that uses the earth's magnetic field to indicate which way north is.
16. The soft iron core, on which the coil is wound, plus the coils, is

17. a current, which changes direction after equal intervals of time, is

18. connecting too many appliances to a single socket.

Down

1. the magnetic field produced by a current-carrying straight wire depends inversely to
5. A device that reverses the direction of flow of current through a circuit
6. A coil of many circular turns of insulated copper wire wrapped closely in the shape of a cylinder is

7. rule which detect the direction of force experienced by the conductor

8. if live wire and neutral wire come in contact

9. an instrument which can detect the presence of current in a circuit

10. he discovered how a moving magnet can be used to generate electric currents.

11. The ends of a magnet

12. The region surrounding a magnet, in which the force of the magnet can be detected, is said to

15. The induced current is found to be the highest when the direction of motion of the coil and magnetic field is