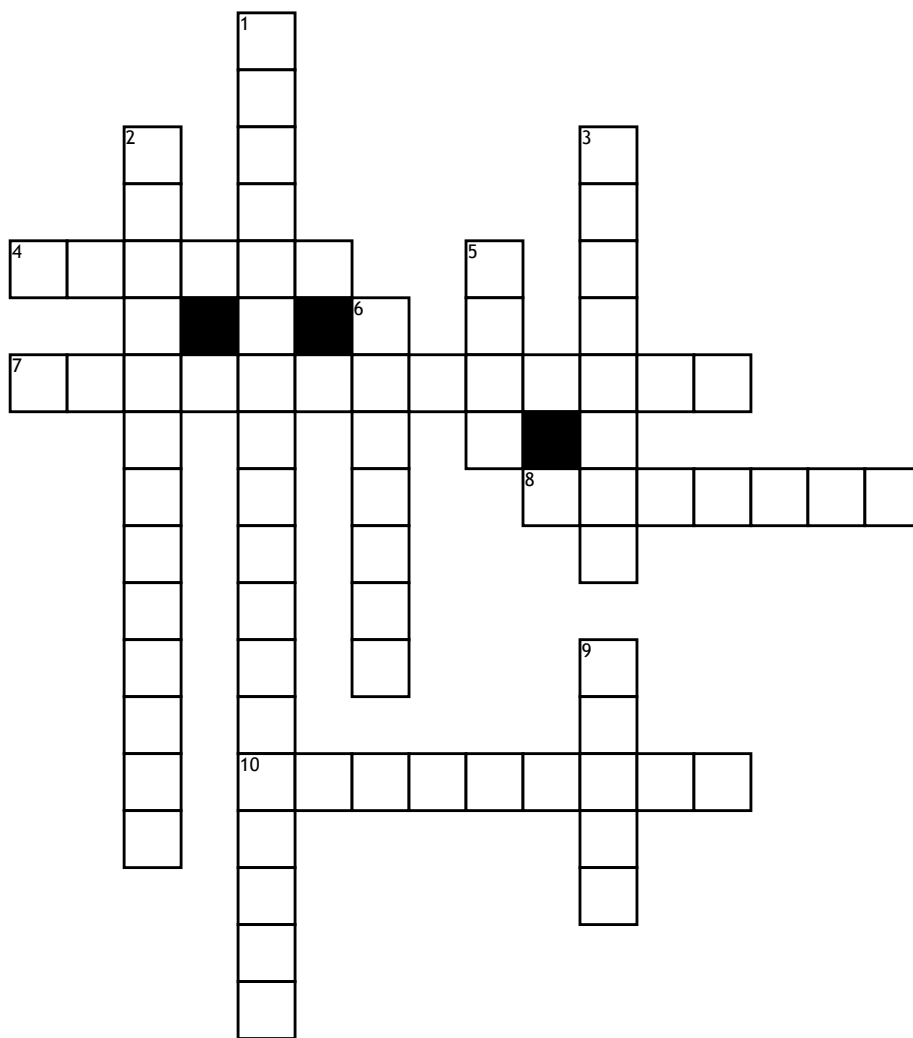


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# Electricity and Magnetism



## Across

4. An object that attracts certain materials usually objects made of steel or iron.

7. A coil of wire attached to a battery and then wrapped around an iron core.

8. Complete or closed path through which electricity flows.

10. A material that does not allow the flow of electricity.

## Down

1. The flow of electricity along a conductor.

## Word Bank

Circuit

Voltage

Load

Electromagnet

Insulator

Current electricity

Magnet

Motor

Magnetic field

Solenoid

2. The space all around a magnet where the force of the magnet can act.

3. A coil of wire attached to a battery that creates a weak magnetic field around the current.

5. Any electrically powered appliance.

6. Electric potential energy-force behind the current.

9. A device that converts electrical energy into mechanical energy.