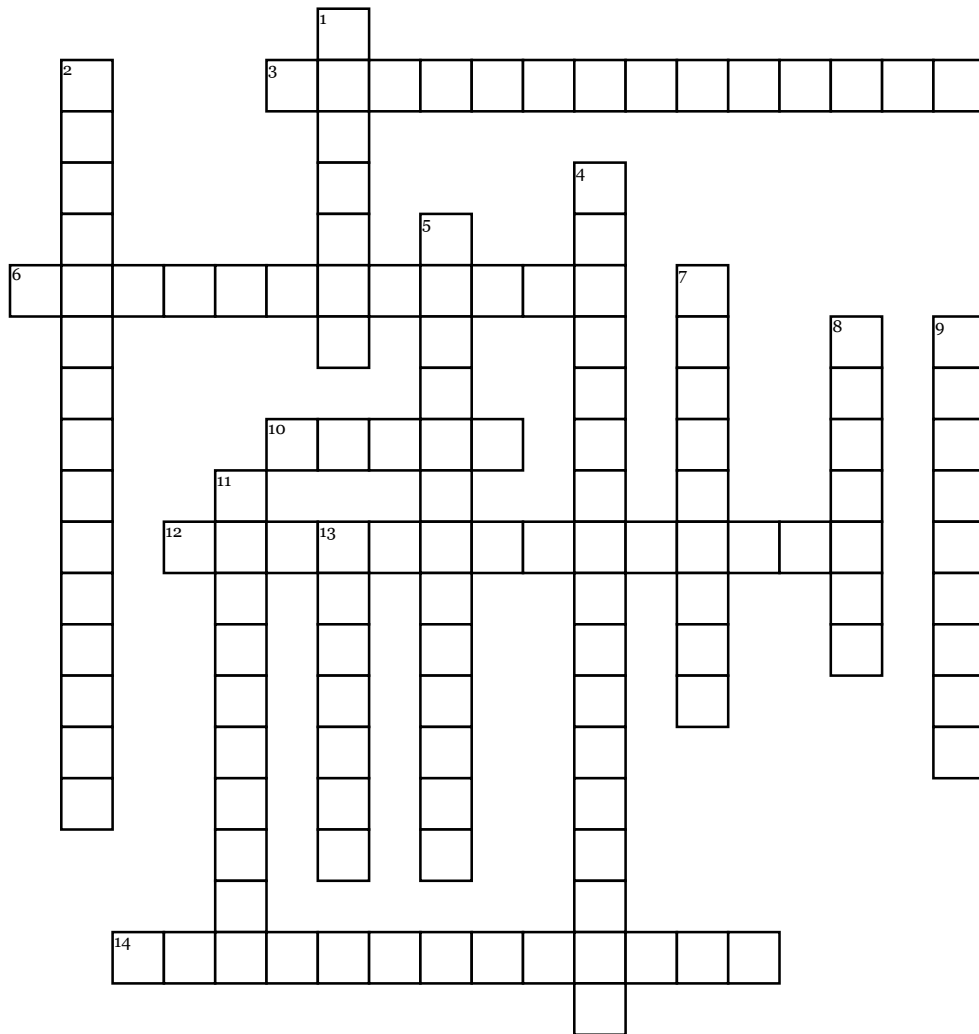


Electricity and Magnetism



Across

3. Protons give an atom this kind of charge.

6. The increase of electricity building up on the surface of an object, then being released toward a metal object.

10. To push something away from something else.

12. Electrons give an atom this type of charge.

14. An object made into a magnet by the passage of an electrical current through a coil around that object

Down

1. The state or condition of physically touching something.

2. An electrical device that provides a path for electricity current to flow.

4. The release and transmission of electricity.

5. A region around a magnetic material.

7. An object or material that does not easily allow heat, sound, or electricity pass through it.

8. This is the rate of flow of electricity.

9. A material or device that conducts or transmits heat, electricity, or sound.

11. A measure of the difficulty to pass an electric current through that conductor.

13. A force that is exerted to draw something in.

Word Bank

current

electromagnet

static charge

contact

conductor

positive charge

electric discharge

Attract

repel

insulator

magnetic field

negative charge

electric circuit

resistance