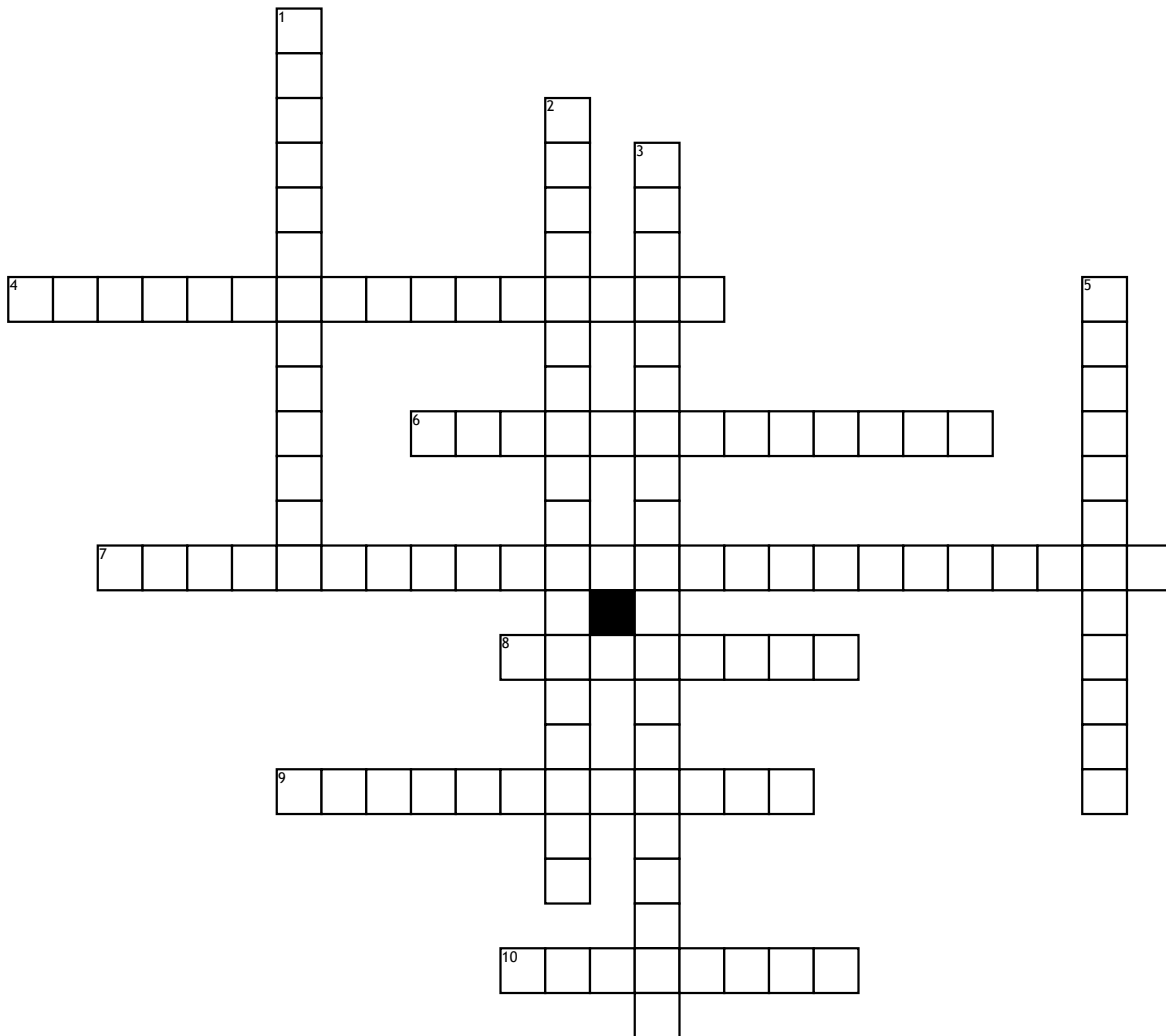


Electromagnetism



Across

4. results when electric currents and magnetic fields interact with each other

6. changes electrical energy into mechanical energy

7. using a magnetic field to create an electric current in a wire is called

8. a simple machine has a coil or loop of wire called

9. is a device that measures the strength and direction of an electric current in a wire

10. is a coil of wire that carries an electric current, and therefore produces a magnetic field

Down

1. wrapping a solenoid around an iron core makes an

2. uses induction to change mechanical energy into electrical energy

3. who found that the direction of the electric current also affects the magnetic field

5. uses induction to increase or decrease the voltage of alternating current