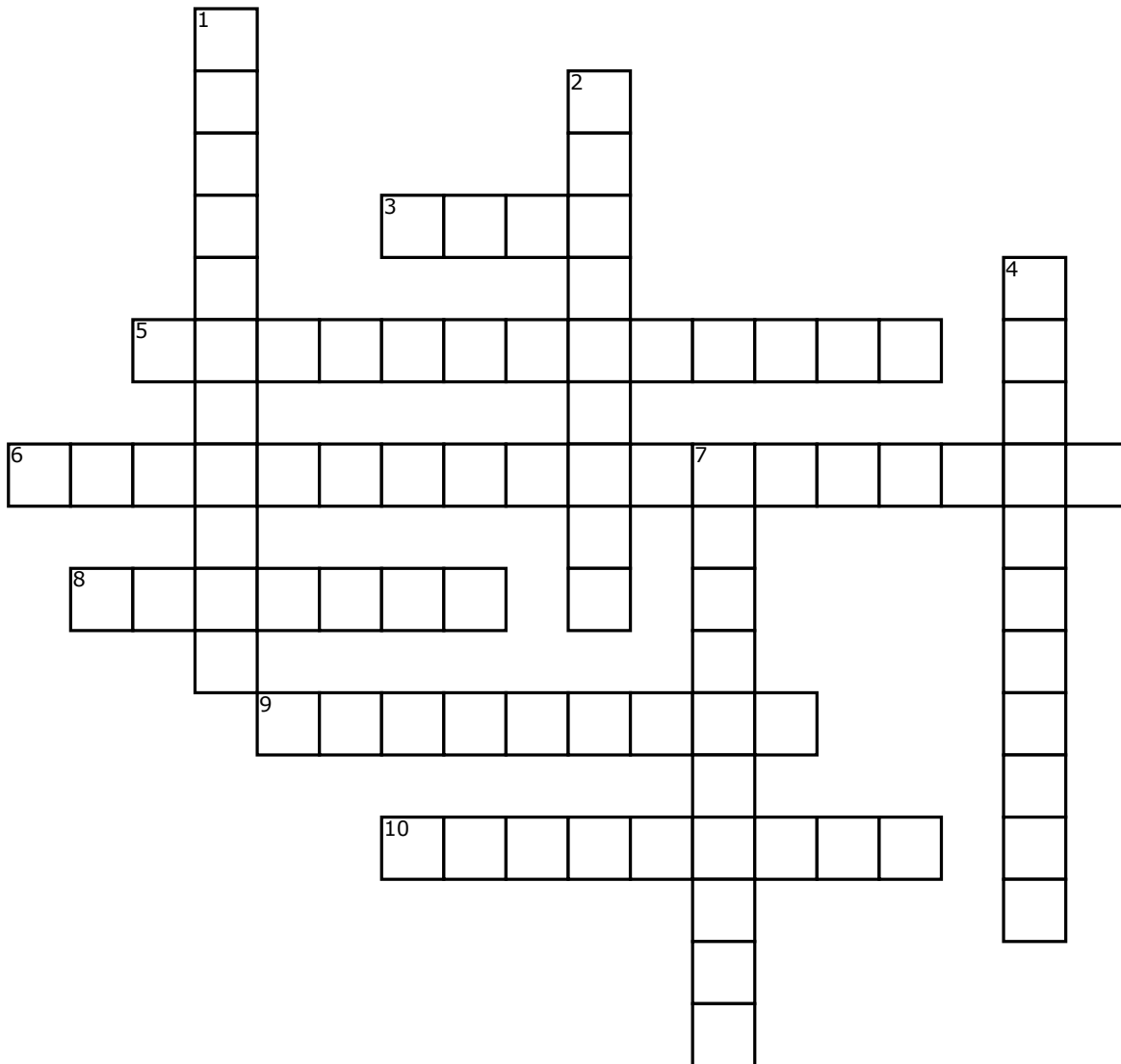


# Electricity



## **Across**

- 3.** An electrical safety device that operates to provide overcurrent protection of an electrical circuit.
- 5.** American inventor who's best-known inventions are the U.S. electrical plug and the pull-chain light socket.
- 6.** An electric current which periodically reverses direction.
- 8.** An electromotive force or potential difference expressed in volts.
- 9.** The effective resistance of an electric circuit or component to alternating current.

**10.** A physical phenomenon produced by the motion of electric charge, resulting in attractive and repulsive forces between objects.

## **Down**

- 1.** Serbian-American electrical engineer best known for his contributions to the design of the modern alternating current electricity supply system.
- 2.** The number of occurrences of a repeating event per unit of time.
- 4.** An electrical circuit that is not complete.
- 7.** A charge storage device that can temporarily store an electrostatic charge in an electrostatic field between two plates separated by an insulating material.