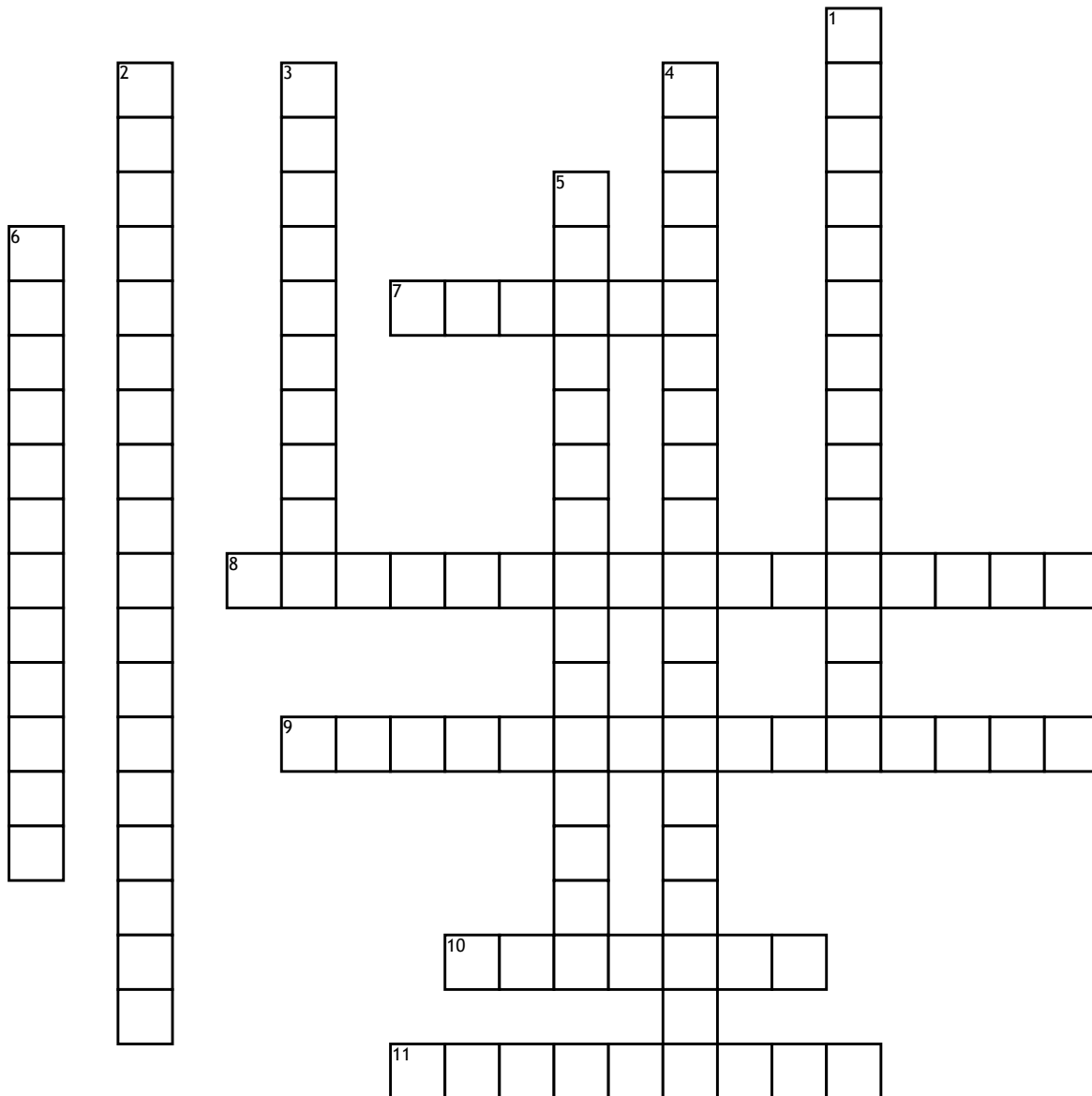


# Vocab Contract



## Across

7. unit of electric current equal to a flow of one coulomb per second.
8. the current through each of the components is the same, and the voltage across the circuit is the sum of the voltages across each component.
9. path in which electrons from a voltage or current source flow.
10. a container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power.
11. given amount of resistance in a circuit.

## Down

1. substance capable of becoming superconducting at sufficiently low temperatures.
2. closed circuit in which the current divides into two or more paths before recombining to complete the circuit.
3. ratio of the voltage applied to the electric current which flows through it
4. moving in the same direction as the positive charge flow.
5. flow of electric charge
6. measure of electrical energy equivalent to a power consumption of 1,000 watts for 1 hour.