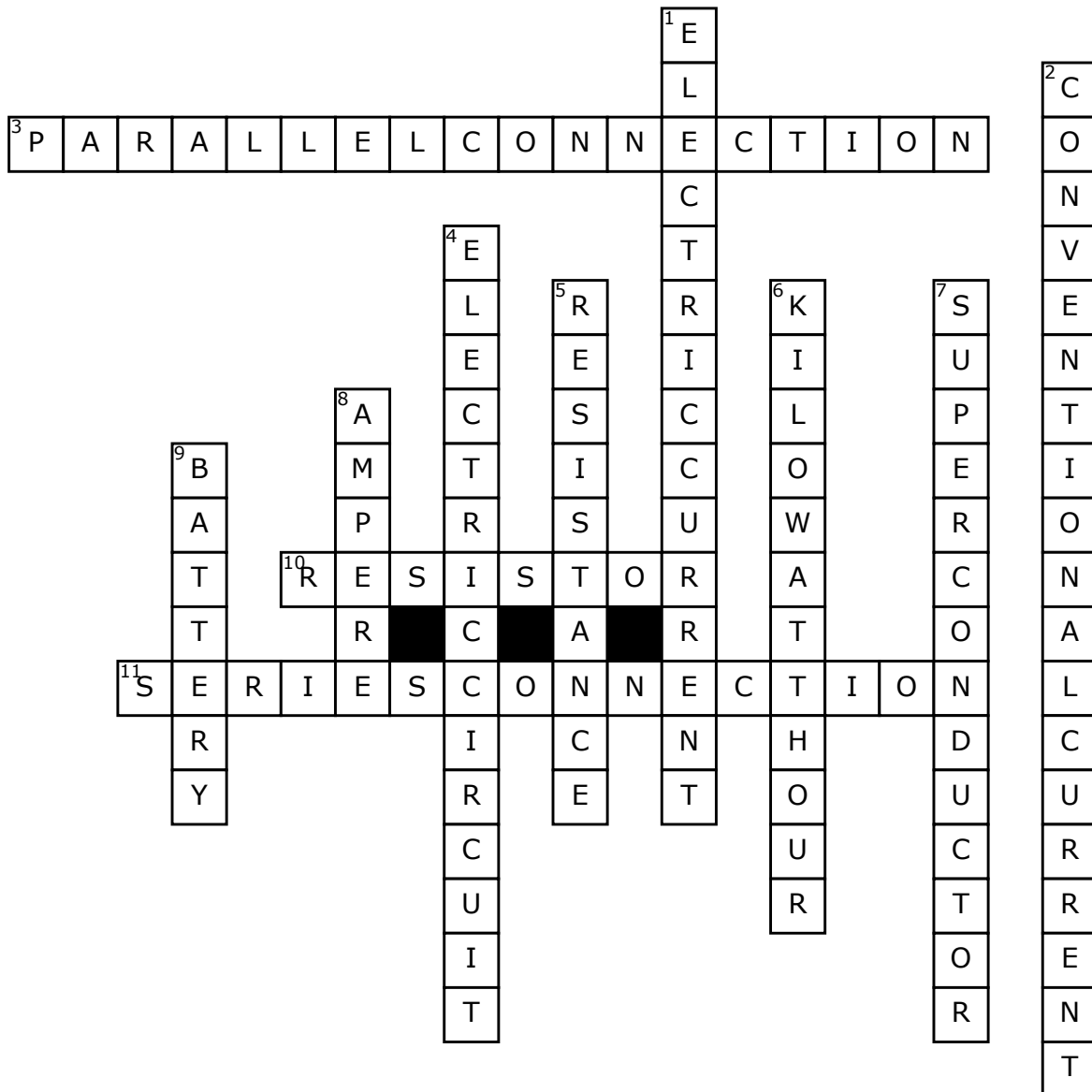


Name: _____ Date: _____ Period: _____

Electricity



Across

3. A closed circuit in which the current divides into two or more paths before recombining to complete the circuit.

10. A device having a designed resistance to the passage of an electric current.

11. 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.

Down

1. A flow of electric charge.

2. Moving in the same direction as the positive charge flow.

4. A path in which electrons from a voltage or current source flow.

5. The ratio of the voltage applied to the electric current which flows through it.

6. A measure of electrical energy equivalent to a power consumption of 1,000 watts for 1 hour.

7. A substance capable of becoming superconducting at sufficiently low temperatures.

8. A unit of electric current equal to a flow of one coulomb per second.

9. A container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power.