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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Electricity

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| 3P |  A |  R |  A |  L |  L |  E |  L |  C |  O |  N |  N |  E |  C |  T |  I |  O |  N |  |  O |
|  |  |  |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  |  |  N |
|  |  |  |  |  |  |  |  | 4E |  |  |  |  T |  |  |  |  |  |  |  V |
|  |  |  |  |  |  |  |  |  L |  | 5R |  |  R |  | 6K |  |  | 7S |  |  E |
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|  |  |  |  |  |  | 8A |  |  C |  |  S |  |  C |  |  L |  |  |  P |  |  T |
|  |  |  | 9B |  |  |  M |  |  T |  |  I |  |  C |  |  O |  |  |  E |  |  I |
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|  |  |  |  T |  | 10R |  E |  S |  I |  S |  T |  O |  R |  |  A |  |  |  C |  |  N |
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|  |  | 11S |  E |  R |  I |  E |  S |  C |  O |  N |  N |  E |  C |  T |  I |  O |  N |  |  L |
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| **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. |