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

ELECTRICITY

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | 2  S |  |  | 3  A |  |  |  |  |  |  |  |  |  | L |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | C |  |  | M |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | H |  |  | P |  |  | 4  K |  |  |  |  |  |  | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 5  S | E | R | I | E | S | C | I | R | C | U | I | T |  | R |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  | R |  |  | L |  |  |  |  |  |  | N |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 6  B |  |  | A |  |  | E |  | 7  V | O | L | T |  | 8  C |  |  | A |  |  |  |  |  | 9  C |  |
|  |  |  |  |  |  | A |  |  | T |  |  |  |  |  | W |  |  |  | O |  |  | T |  |  |  |  |  | H |  |
|  |  |  |  |  |  | T |  |  | I |  |  |  |  |  | A |  | 10  O |  | N |  |  | I |  |  | 11  V |  |  | A |  |
|  | 12  R | E | S | I | S | T | A | N | C | E |  | 13  S | W | I | T | C | H |  | D |  |  | N |  | 14  P | O | W | E | R |  |
|  |  |  |  |  |  | E |  |  | D |  |  |  |  |  | T |  | M |  | U |  |  | G |  |  | L |  |  | G |  |
|  | 15  E | L | E | C | T | R | I | C | I | T | Y |  |  |  | H |  | S |  | 16  C | I | R | C | U | I | T |  |  | E |  |
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|  |  |  |  |  |  |  | 18  O | H | M |  | 19  D | I | R | E | 20  C | T | 21  C | U | R | R | E | N | T |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | U |  | O |  |  |  |  | T |  |  |  |  |  |  |  |
|  |  |  |  |  | 22  P | A | R | A | L | L | E | L | C | I | R | C | U | I | T |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **5.** An electric circuit with only one path through which charge can flow  **7.** Voltage unit  **12.** The opposition to the flow of electric charges in a material  **13.** One turns lights on and off with this  **14.** \_\_\_\_=work/time  **15.** A form of energy resulting from existence of charged particles  **16.** Series or Parallel  **17.** Does not conduct heat well  **18.** \_\_\_ Law states a relationship between voltage, current, and resistance  **19.** An electric current in which the flow of electric charge stays flowing in the same direction  **22.** An electric circuit with two or more paths through which charges can flow | **Down**  **1.** An electric current in which the flow of electric charge periodically reverses direction  **2.** Representation of elements using abstract symbols instead of realistic objects  **3.** SI unit:A and for short, "amp"  **4.** A unit of energy equivalent to one kilowatt of power sustained for one hour  **6.** Without this, a circuit would not work  **8.** Conducts heat well  **9.** Positive or negative  **10.** V=IR  **11.** \_\_\_=IR  **20.** Electricity flows between these  **21.** Unit of electric charge |