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

ELECTRICITY

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|  |  |  |  |  |  |  |  | 5S |  E |  R |  I |  E |  S |  C |  I |  R |  C |  U |  I |  T |  |  R |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 6B |  |  |  A |  |  |  E |  | 7V |  O |  L |  T |  | 8C |  |  |  A |  |  |  |  |  | 9C |  |
|  |  |  |  |  |  |  A |  |  |  T |  |  |  |  |  |  W |  |  |  |  O |  |  |  T |  |  |  |  |  |  H |  |
|  |  |  |  |  |  |  T |  |  |  I |  |  |  |  |  |  A |  | 10O |  |  N |  |  |  I |  |  | 11V |  |  |  A |  |
|  | 12R |  E |  S |  I |  S |  T |  A |  N |  C |  E |  | 13S |  W |  I |  T |  C |  H |  |  D |  |  |  N |  | 14P |  O |  W |  E |  R |  |
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|  | 15E |  L |  E |  C |  T |  R |  I |  C |  I |  T |  Y |  |  |  |  H |  |  S |  | 16C |  I |  R |  C |  U |  I |  T |  |  |  E |  |
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|  |  |  |  |  |  |  | 18O |  H |  M |  | 19D |  I |  R |  E | 20C |  T | 21C |  U |  R |  R |  E |  N |  T |  |  |  |  |  |  |
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|  |  |  |  |  | 22P |  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  |