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

Electricity

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| **Across****1.** the ammeter measures in this unit **3.** when the electrons flow from the postive end to the negatvie **6.** an instrument designed to measure current voltage and resistance **7.** inside the battery**9.** a circuit where the electricicty passes through each element of the circuit in order **11.** an instrument for measuring electrical current in amperes**12.** the unit that a voltmeter measures **14.** a device for making or breaking the connection of a circuit **16.** an electromotive force or potential difference expressed in volts **18.** an instrument used to measure the electric potential in volts **19.** an object with a rounded or teardrop shape that lights up **20.** a flow of electricity which results from the orderly directional movement of electrically charged particles**21.** a closed circuit in which the circuit divides into two or more paths  | **Down****2.** a container of one or more cells in which chemical energy is coverted into electricty and used as a source power **4.** an electrical quantity that measures that measures how the device or material reduces the flow of the current **5.** a device that resists electric current **8.** the law of physiscs that states the elctric current is directly proportional to the voltage applied to a conductor and inversely proportional to that conductors resistance **10.** property that can be transferred from object to object **13.** the unit of electrical resistance **15.** a complete path and closed path where a circulating current can flow **17.** a portion of a circuit that consumes electric power  |