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

Electricity

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| **Across****1.** A flow of electric charge **6.** Conductors obeying Ohm's Law are known as what conductors?**7.** an electromotive force or potential difference expressed in volts **9.** A closed circuit in which the current divides into two or more paths before recombining to complete the circuit **11.** Conventional current flows beginning from which terminal?**13.** Electron flow(or electron current) flows starting from which terminal**15.** negative charged particles of an atom **16.** the passage of electricity through a conductor **17.** The opposition of a body or substance to current passing through it, resulting in a change of electrical energy into heat or another form of energy.**18.** Device used to measure Voltage across a wire | **Down****2.** Is usually formulated as V = IR, where V is the potential difference, or voltage, I is the current, and R is the resistance of the conductor.**3.** An electric current flowing in one direction only. **4.** electric current that reverses its direction of flow in a regular pattern **5.** Electric discharge resulting from the accumulation of electric charge on an insulated body. **8.**  An electric circuit connected so that current passes through each circuit element in turn without branching **10.** Device used to measure Current through a wire.**12.** Resistance is measured in?**14.** base unit for electrical current  |