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

Electricity

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| **Across**  **2.** The opposition of conductor to current  **3.** Measured by voltmeter  **10.** The unit of charge  **13.** What does AC stand for?  **16.** A way to charge insulators  **17.** The region of space where an electric charge experiences a force due to other charges  **18.** Have a high resistance when cold but a much lower resistance when hot. | **Down**  **1.** Device that supplies a direct current  **4.** The unit of resistance  **5.** Can open and close a circuit  **6.** The process of connecting a conductor to earth by a conducting wire  **7.** Materials that allow electrons to flow  **8.** Device that detect charged objects and distinguish its type  **9.** The unit of current  **11.** Device used to measure current  **12.** A charged atom  **14.** Allows electrons to flow in one direction only  **15.** Breaks or melts when excessive current passed through a circuit |