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Electricity And Magnetism

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| **Across**  **2.** Process of transferring charge betweeen objects by touching or rubbing.  **4.** Interactions of magnets.  **6.** A string of Christmas Lights.  **7.** Mercury, Graphite, and Concrete.  **11.** Circuit inside a washing machine.  **13.** Process of rearraging electrons on a neutral object by bringing a charged object close to it.  **15.** Lightining strike.  **17.** Produces a magnetic field when a current passes through it.  **18.** V=IR  **19.** An instrument used for detcting electric currents.  **20.** Measured in Volts. | **Down**  **1.** A region in which the manetic fields of atoms are grouped together and aligned.  **3.** A pat that electricity flows along.  **5.** Measured in Amperes.  **8.** Used by power plants to produce energy by burning coal or natural gas.  **9.** Measured in watts.  **10.** Earth's North and South geographic poles.  **12.** When metals such as iron and nickel falls inside a strong enough \_\_\_\_\_\_\_\_ \_\_\_\_\_, they become temporarily magnetic.  **14.** Measures in Ohms.  **16.** Asphalt,Porcelain,and Diamond. |