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Physics Vocabulary Puzzle

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| **Across**  **2.**  A current that moves in the same direction as the positive charge flow.  **10.** Components connected in series are connected along a single path  **11.** phenomenon of exactly zero electrical resistance and expulsion of magnetic flux fields occurring in certain materials | **Down**  **1.** a configuration of components in an electronic circuit or an interface that allows the connection of peripherals  **3.** A flow of electric charge.  **4.** a path in which electrons from a voltage or current source flow.  **5.** a given amount of resistance in a circuit.  **6.** a unit of energy equivalent to one kilowatt (1 kW) of power expended for one hour (1 h) of time.  **7.** the ratio of the voltage applied to the electric current whichflows through it  **8.** A device consisting of one or more electrochemical cells with external connections provided to power electrical devices such as flashlights, smartphones, and electric cars.  **9.** a unit of measure of the rate of electron flow or current in an electrical conductor. |