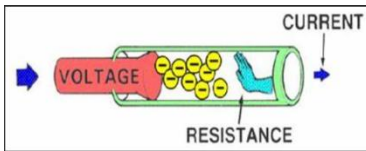
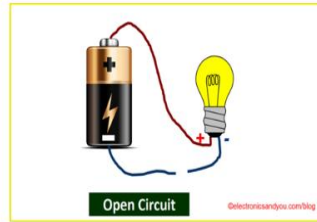
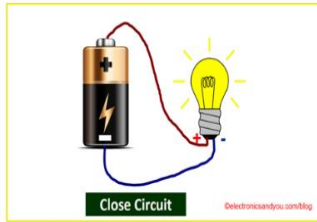
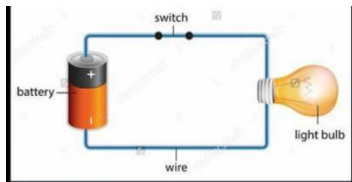


Ampere (amp) - Battery - Conductor - Current - Electric circuit - Electric current - Insulator - Parallel Circuit - Power - Resistance - Series Circuit - Short Circuit - Switches - Volt - Watt



1. A measure of the difficulty of passing an electric current through the conductor. _____ **(resistance)**



2. A collection of electronic components connected by a conductive wire that allows for electric current to flow. _____ **(electric circuit)**



3. A device that stores and produces electricity from chemical cells. _____ **(battery)**



4. The flow of electric charge through a material. The standard unit is the ampere. _____ **(electric current)**



5. A material that allows the free flow of electric charge. Copper wiring is the most widely used. _____ **(conductor)**



6. A material in which an electronic charge does not flow freely and does not conduct the flow of electric current. _____ **(insulator)**



7. The standard unit of measure for electric potential.
_____ (volt)



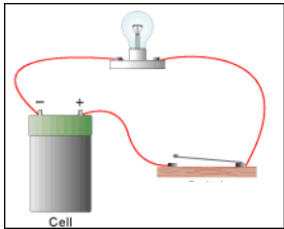
8. The standard unit of measure for an electric current.
_____ (amp)



9. The flow of an electric charge. The flow of electrons.
_____ (current)

AMP x VOLT (W = A x V)

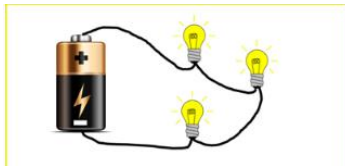
10. The standard unit of measure for electric power.
_____ (watt)



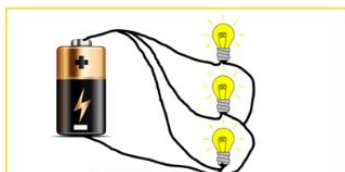
11. This is used to open and close circuits. _____ (switches)



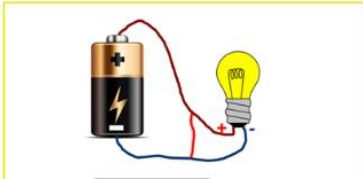
12. The product of voltage and current. _____ (power)



13. A single pathway that electricity flows through. All the parts are connected one after another. _____ (series circuit)



14. There is more than one pathway for electricity to travel; the current is divided into separate paths. _____ (parallel circuit)



15. A problem in an electrical circuit where two or more wires that are not supposed to come in contact with each other touch. This can result in a very high current flowing through. _____ **(short circuit)**

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