



Basic Electricity – Unit 3 Part 7: Electric Circuits

Worksheet 1

Match the following list of electrical terms to their proper definition:

1. _____ Volt
2. _____ Ampere
3. _____ Ohm
4. _____ Conductance
5. _____ Resistance
6. _____ Insulator
7. _____ Resistor
8. _____ Open
9. _____ Short
10. _____ Coulomb

- A. A circuit where the path has been interrupted at some point so that current will not flow.
- B. The unit of electric current.
- C. A passive two-terminal electrical component that implements electrical resistance as a circuit element.
- D. The derived unit for electric potential, electric potential difference (voltage), and electromotive force.
- E. The unit of electrical resistance.
- F. The standard unit of electric charge in the International System of Units (SI).
- G. An electrical circuit that allows a current to travel along an unintended path.
- H. A material whose internal electric charges do not flow freely, and therefore make it nearly impossible to conduct an electric current under the influence of an electric field.





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