

Name: _____ Date: _____

Static and Current Electricity

1. _____ was the first to hypothesize electricity. A. series
2. A _____ is an ion with a positive charge. B. Electrical resistance.
3. _____ Law is the electrical law that is similar to the Universal Law of gravity. C. cation
4. The space around every electrical charge is energized with a _____. D. direct
5. The energy possessed by a charged particle due to its location is the _____. E. alternating
6. _____ is measured in volts. F. Electric current
7. _____ is measured in amperes. G. electric field
8. _____ is measured in Ohms. H. Electric potential
9. A _____ electrical circuit uses a single pathway for electrons to flow. I. parallel
10. In a _____ current the electrons flow in one direction. J. Benjamin Franklin
11. In a _____ circuit the pathway is branched so there is a separate path for electrons to flow. K. electrical potential energy
12. In a _____ current the electrons move in one directions then the alternate direction. L. Coulomb's