### Electrical Fundamentals

#### Chapter 23

**ACROSS**

1. The ________ ______ states that there is electron flow from negative to positive.
2. Voltage is also called __________ __________, because if there is voltage present in a conductor, there is a possibility for current flow.
3. __________ are materials with more than four electrons in their atom’s outer orbit.
4. The ____ is the unit of measurement for electrical pressure.
5. The ______ is the unit used throughout the world to measure current flow.
6. __________ is the movement of electrons from one atom to another.
7. Resistance is measured by an __________.
8. The smallest particle that an element can be broken into and still retain the properties of that element is known as an ____.

**DOWN**

1. __________ ______ is another way of indicating voltage.
2. Amperes are measured by an ________.
3. Materials with exactly four electrons in their outer orbit are neither conductors nor insulators, but are called ______________.
4. Because the number of negative charged electrons is balanced with the same number of positive charged protons, an atom has a __________ ________.
5. Volts are measured by a ________.
6. Ohms to the flow of current through a conductor is measured in units called ohms.
7. The ____ is the unit used throughout the world to measure current flow.
8. Resistance is measured by an __________.
9. The ______ is the unit used throughout the world to measure current flow.
10. __________ to the flow of current through a conductor is measured in units called ohms.
11. Volts are measured by a ________.
12. __________ is the movement of electrons from one atom to another.
13. The smallest particle that an element can be broken into and still retain the properties of that element is known as an ____.