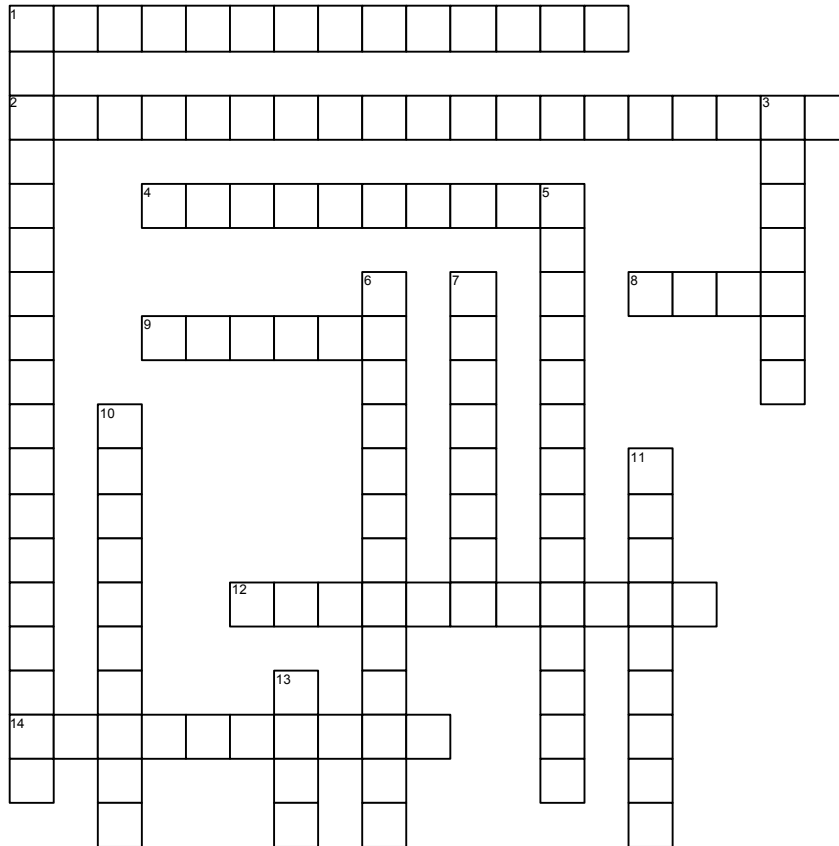


Electrical Fundamentals

Chapter 23



<http://jameshaldeman.com>

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.
- 4 _____ are materials with more than four electrons in their atom's outer orbit.
- 8 The _____ is the unit of measurement for electrical pressure.
- 9 The _____ is the unit used throughout the world to measure current flow.
- 12 _____ is the movement of electrons from one atom to another.
- 14 _____ are materials with fewer than four electrons in their atom's outer orbit.

DOWN

- 1 _____ is another way of indicating voltage.
- 3 Amperes are measured by an _____.
- 5 Materials with exactly four electrons in their outer orbit are neither conductors nor insulators, but are called _____.
- 6 Because the number of negative charged electrons is balanced with the same number of positive charged protons, an atom has a _____.
- 7 Resistance is measured by an _____.
- 10 _____ to the flow of current through a conductor is measured in units called ohms.
- 11 Volts are measured by a _____.
- 13 The smallest particle that an element can be broken into and still retain the properties of that element is known as an _____.