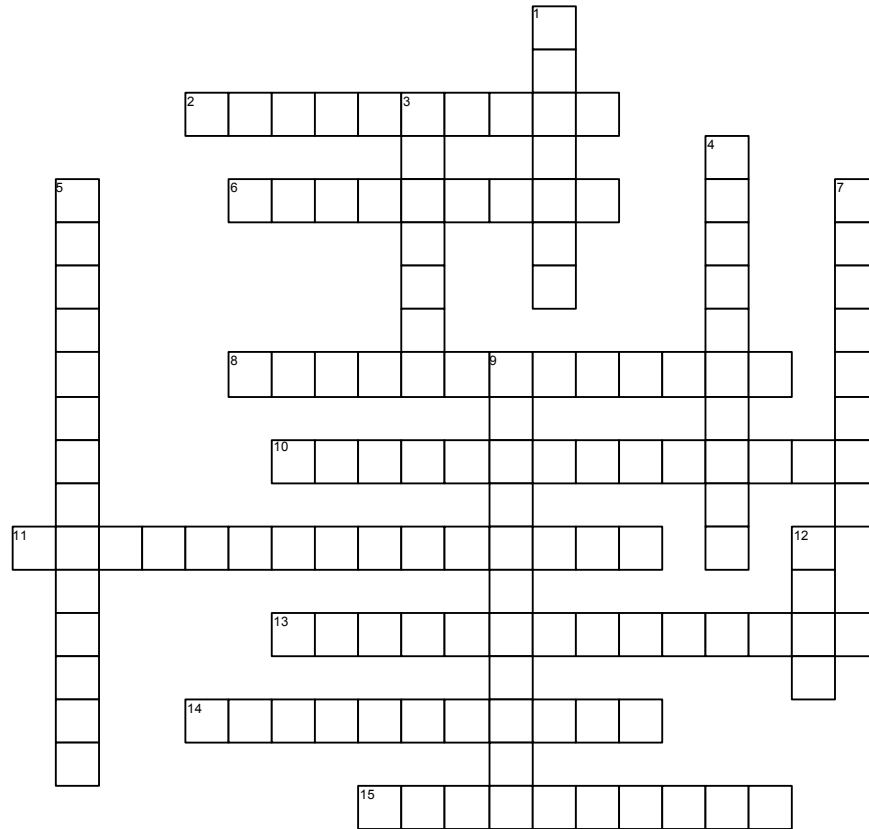


Electrical Circuits And Ohm's Law

Chapter 4



<http://jameshaldeman.com>

ACROSS

- 2 _____ from harmful overloads is part of a complete circuit.
- 6 The _____ for the current to flow through from the power source to the resistance is part of a complete circuit.
- 8 A _____ is a type of short circuit that occurs when the current bypasses part of the normal circuit and flows directly to ground.
- 10 _____ can be caused by corroded connections or sockets.
- 11 Every _____ contains a power source.
- 13 The _____ or resistance which converts electrical energy into heat, light, or motion, is part of a complete circuit.
- 14 A vehicle's battery is an example of a _____.
- 15 A circuit that is continuous throughout is said to have _____.

DOWN

- 1 If a wire or component is shorted to voltage, it is commonly referred to as being _____.
- 3 A _____ is a complete path that electrons travel from a power source through a load and back to the power source.
- 4 A _____ for the electrical current from the load back to the power source is part of a complete circuit.
- 5 A _____ occurs when the power side of one circuit is electrically connected to the power side of another circuit.
- 7 A defective component or circuit that is shorted to ground is commonly called _____.
- 9 An _____ is any circuit that is not complete, or that lacks continuity, such as a broken wire.
- 12 In a circuit, a light bulb is an example of a _____.