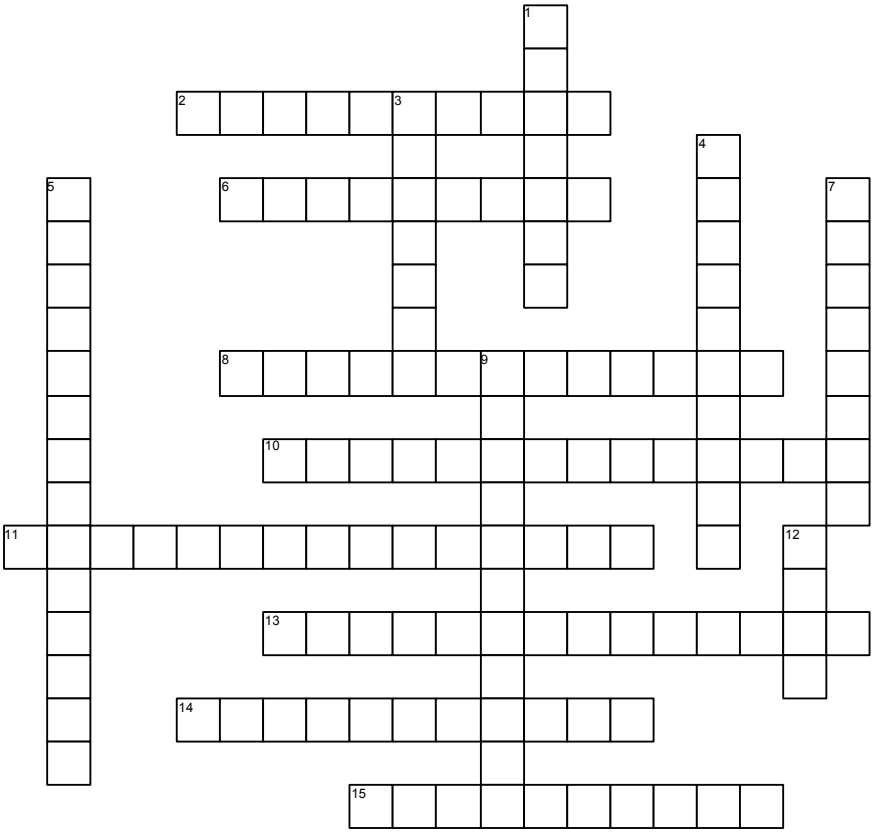
Electrical Circuits And Ohm's Law

Chapter 2



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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 reisistance 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 ____.