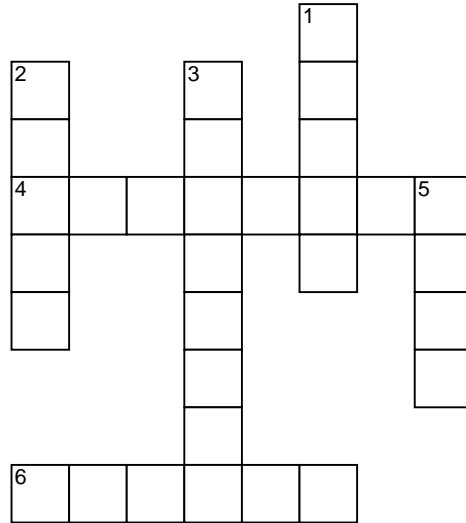




Energy and Power

Chapter 5



ACROSS

- 4** Ohm's Law defines one of most fundamental relationships in electronics. That is the relationship between Voltage, Current, and Resistance. _____ defines another of the most fundamental relationships in electronics. That is the relationship between power and the quantities defined by Ohm's law.
- 6** _____ is the strength and vitality required for sustained physical or mental activity.

DOWN

- 1** _____ is the SI unit of work or energy, equal to the work done by a force of one newton when its point of application moves one meter in the direction of action of the force, equivalent to one 3600th of a watt-hour.
- 2** _____ is to supply (a device) with mechanical or electrical energy.
- 3** _____ is a measure of electrical energy equivalent to a power consumption of one watt for one hour.
- 5** _____ is the SI unit of power, equivalent to one joule per second, corresponding to the power in an electric circuit in which the potential difference is one volt and the current one ampere.