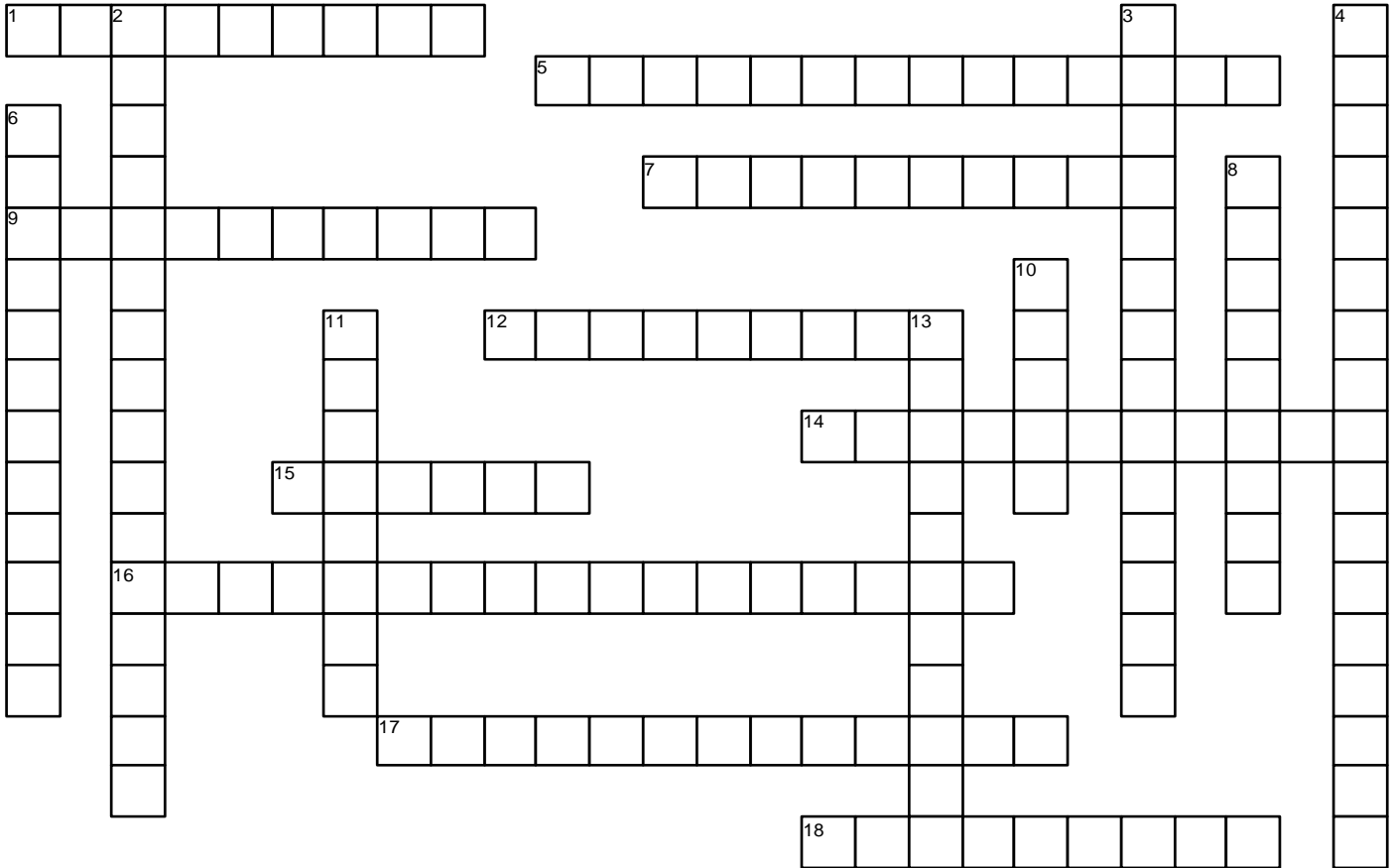


Capacitance And Capacitors

Chapter 43



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ACROSS

- 1 If the circuit is opened, the capacitor holds its charge until it is connected into an external circuit through which it can _____.
- 5 In most cases, the main _____ is a high-speed random-access memory.
- 7 Capacitors are also called _____.
- 9 The insulating material between two conductive plates is called a _____.
- 12 In 1747, _____ lined both the inside and outside of the Leyden jar with foil.
- 14 _____ is the ability of an object or surface to store an electrical charge.
- 15 Capacitance is measured in _____.
- 16 A capacitor can be used as a _____ source to help drive the speakers in an audio system.
- 17 Capacitors are used as _____ to control window defoggers.
- 18 In a _____ microphones, the diaphragm is the negatively charged plate of a charged capacitor.

DOWN

- 2 A capacitor can be used in parallel to a coil for _____.
- 3 A capacitor can be used in _____ in a sound system.
- 4 Capacitors are often used to reduce _____ or to improve the performance of a high-power sound system.
- 6 Theoretically, a capacitor holds its charge _____.
- 8 A _____ consists of a glass jar filled with water with a nail piercing the stopper and dipping into the water.
- 10 Capacitors can _____ direct current and pass alternating current.
- 11 Capacitors connected in series reduce capacitance whereas if connected in _____ increase capacitance.
- 13 _____ capacitors are installed across many circuits and switching points to absorb voltage fluctuations.