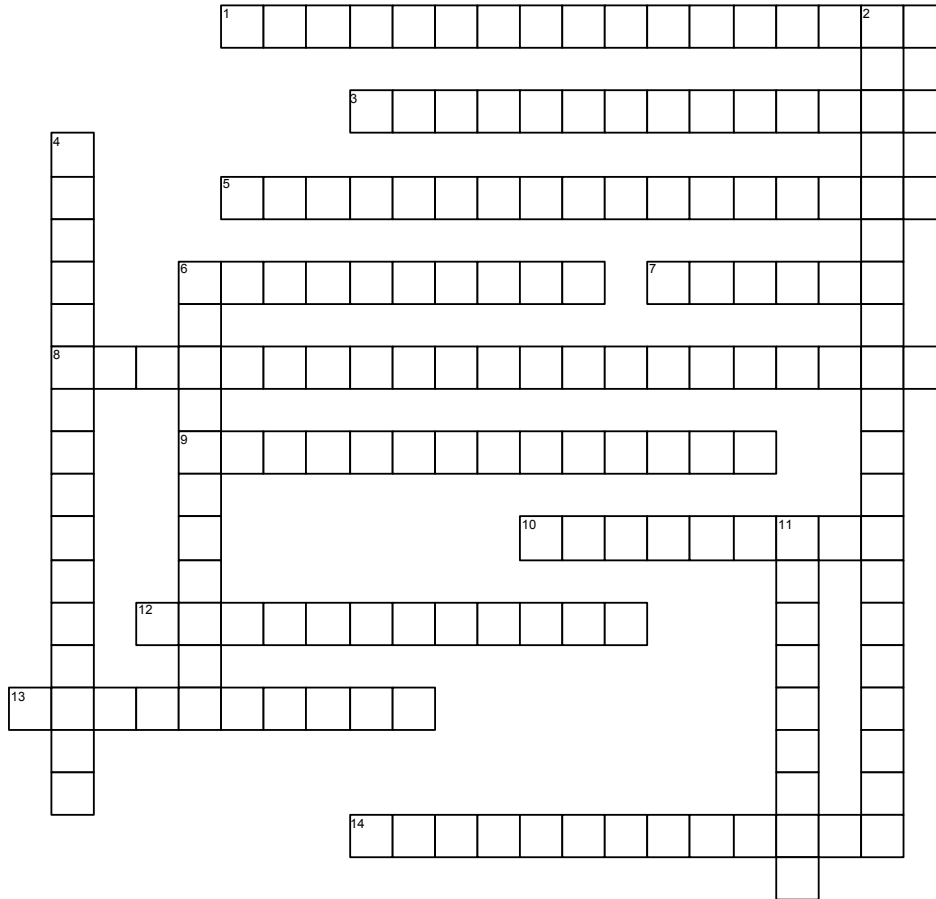


Capacitance And Capacitors

Chapter 46



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ACROSS

- 1 Capacitors are often used to reduce _____ or to improve the performance of a high-power sound system.
- 3 A capacitor can be used in _____ in a sound system.
- 5 A capacitor can be used as a _____ source to help drive the speakers in an audio system.
- 6 Capacitors are also called _____.
- 7 Capacitance is measured in _____.
- 8 _____ are installed across many circuits and switching points to absorb voltage fluctuations.
- 9 In most cases, the main _____ is a high-speed random-access memory.
- 10 A _____ consists of a glass jar filled with water with a nail piercing the stopper and dipping into the water.
- 12 Theoretically, a capacitor holds its charge _____.
- 13 The insulating material between two conductive plates is called a _____.
- 14 Capacitors are used as _____ to control window defoggers.

DOWN

- 2 In a _____, the diaphragm is the negatively charged plate of a charged capacitor.
- 4 A capacitor can be used in parallel to a coil for _____.
- 6 _____ is the ability of an object or surface to store an electrical charge.
- 11 In 1747, _____ lined both the inside and outside of the Leyden jar with foil.