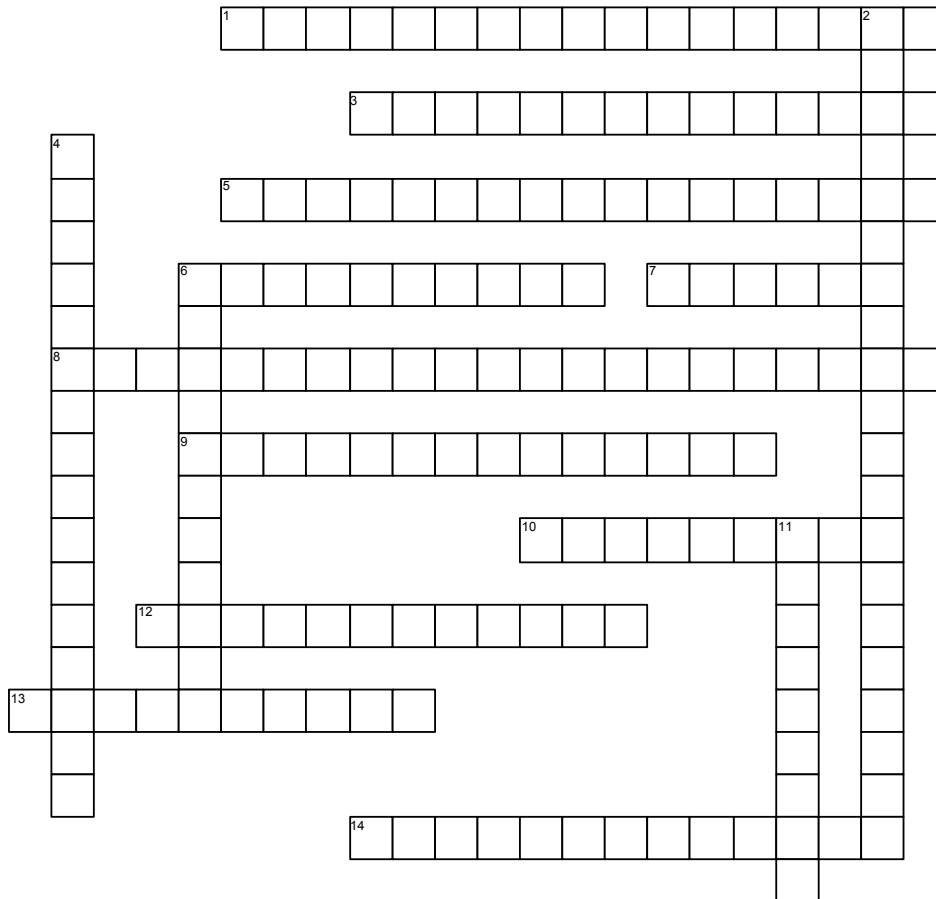


# Capacitance And Capacitors

## Chapter 46



<http://jameshaldeman.com>

### 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.