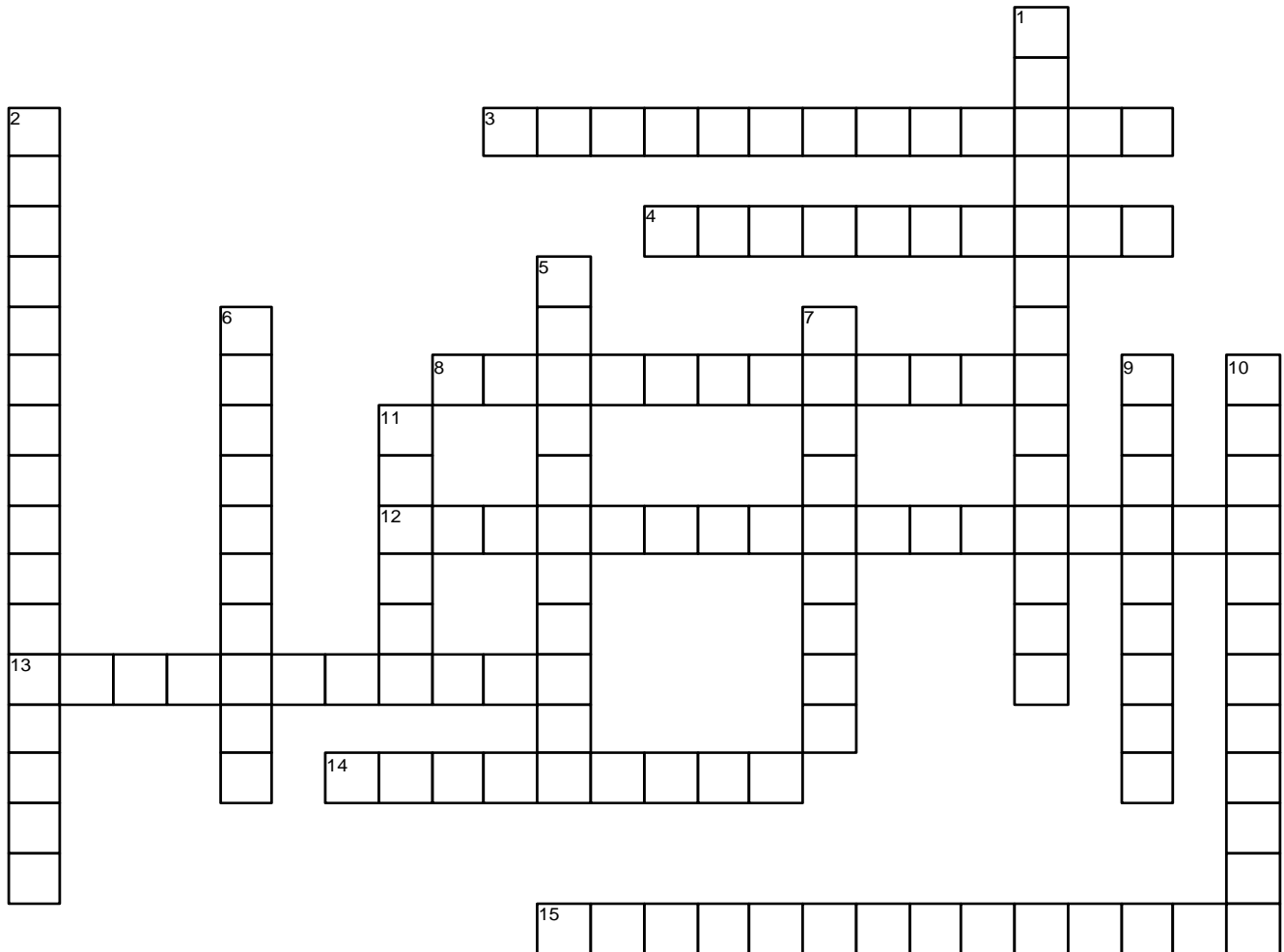


# Capacitance And Capacitors

## Chapter 10



<http://jameshalderman.com>

### ACROSS

- 3 Capacitors are used as \_\_\_\_\_ to control window defoggers.
- 4 Capacitors are also called \_\_\_\_\_.
- 8 A capacitor can be used as a \_\_\_\_\_ power source to help drive the speakers in an audio system.
- 12 Capacitors are often used to reduce \_\_\_\_\_ or to improve the performance of a high-power sound system.
- 13 \_\_\_\_\_ capacitors are installed across many circuits and switching points to absorb voltage fluctuations.
- 14 In a \_\_\_\_\_ microphones the diaphragm is the negatively charged plate of a charged capacitor.
- 15 In most cases, the main \_\_\_\_\_ is a high-speed random-access memory.

### DOWN

- 1 A capacitor can be used in \_\_\_\_\_ in a sound system.
- 2 A capacitor can be used in parallel to a coil for \_\_\_\_\_.
- 5 \_\_\_\_\_ is the ability of an object or surface to store an electrical charge.
- 6 The insulating material between two conductive plates is called a \_\_\_\_\_.
- 7 A \_\_\_\_\_ consists of a glass jar filled with water with a nail piercing the stopper and dipping into the water.
- 9 In 1747, \_\_\_\_\_ lined both the inside and outside of the Leyden jar with foil.
- 10 Theoretically, a capacitor holds its charge \_\_\_\_\_.
- 11 Capacitance is measured in \_\_\_\_\_.