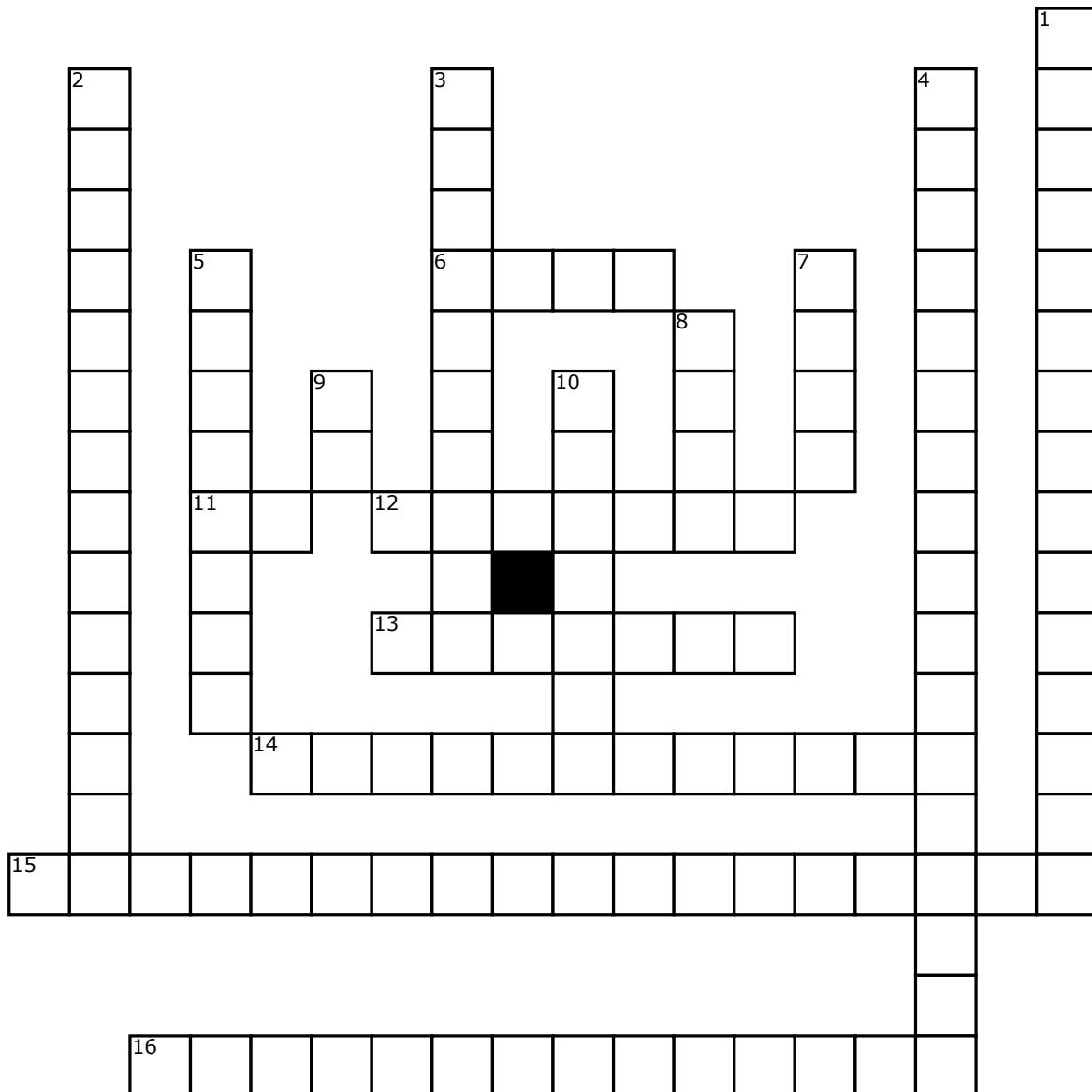


# The concept of pH value



**Across**

- 6.** A substance with a pH value of 1-7
- 11.** Basic can be identified by the \_\_\_\_\_ term in the end of their chemical formula
- 12.** It makes the mixture weaker or less concentrated
- 13.** A substance that is neither an acid nor a base with pH value of 7
- 14.** A common laboratory acid.
- 15.** Is a pH indicator that is made up of several compounds

**16.** When the oxide dissolves in water it becomes an acid.

**Down**

- 1.** An indicator that has a red acid and blueish base colour
- 2.** When an acid and a base combine. This makes the acid less acidic or neutral.
- 3.** When the oxide dissolves in water it becomes a basic.
- 4.** These are dyes prepared by natural vegetables.
- 5.** An acid can be identified by the \_\_\_\_\_ element in the front of its chemical formula

**7.** Particles that have an electric charge

**8.** A substance with a pH balance value of 7-14

**9.** The measurements used to determine how acid or basic a substance is.

**10.** A substance that can burn material and the skin