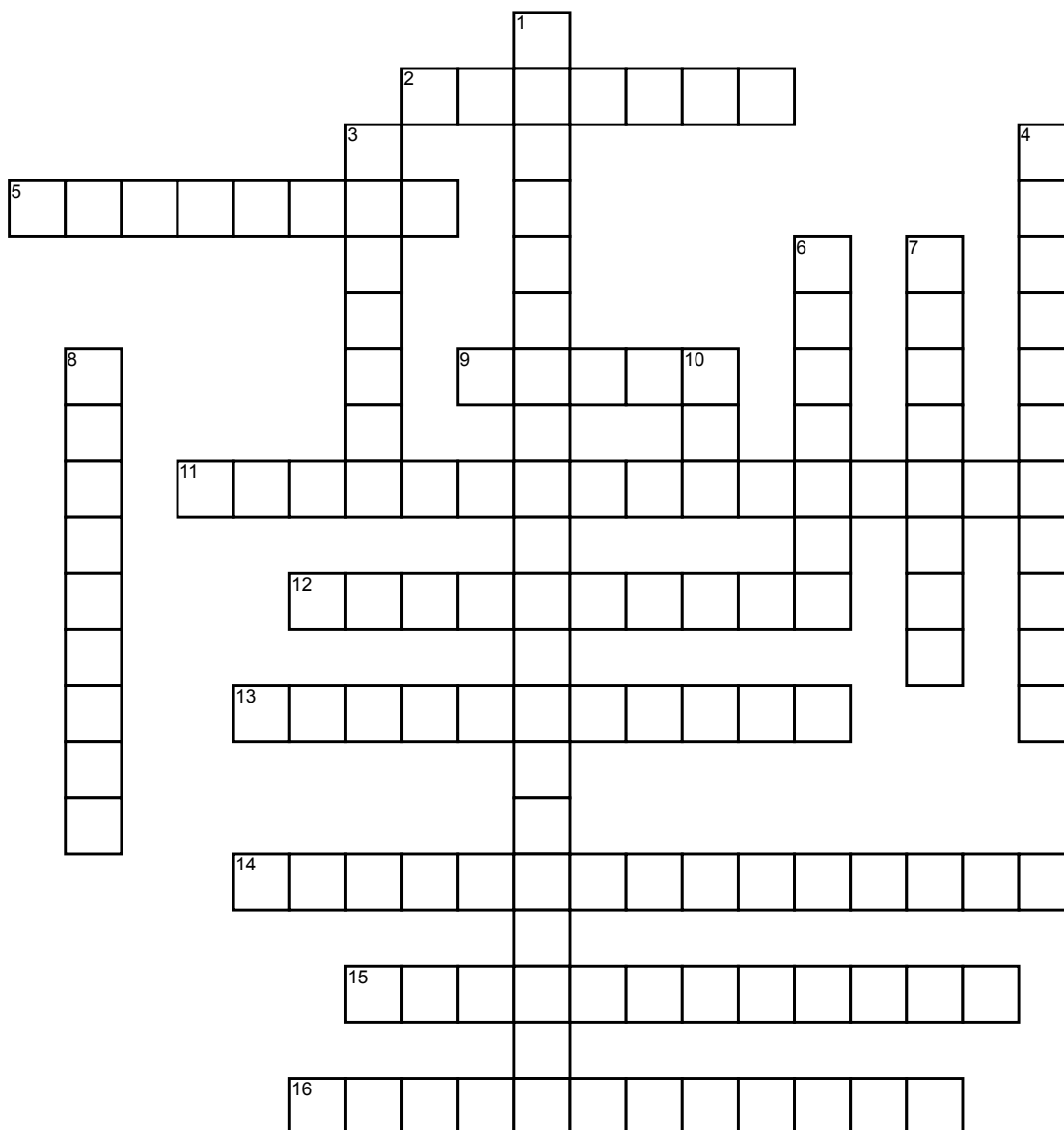


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Chapter 1 Section 3 and 4 Chemical Compounds and The Cell in its Environment



Across

- 2.** Any substance that cannot be broken down into simpler substances
- 5.** Large organic molecules made of carbon, hydrogen, oxygen and nitrogen.
- 9.** Energy rich storage compounds for animals containing carbon, oxygen, and Hydrogen.
- 11.** Movement of dissolved materials across a cell membrane without using the cell's energy.
- 12.** Allows large particles to leave the cell by forming a vacuole around the particle.

Down

- 13.** The shape of DNA
- 14.** The movement of material across a cell membrane while using the cell's energy.
- 15.** Energy rich storage compounds in plants using carbon, hydrogen, and oxygen..
- 16.** Large organic molecules that contain carbon, hydrogen, oxygen, and phosphorus.
- 1.** Some substances can move across cell membranes while others cannot.
- 3.** Protein that speeds up chemical reactions in the body.

- 4.** The cell membrane engulfs a particle and brings it into the cell
- 6.** Diffusion of water
- 7.** What forms when two or more elements combine chemically?
- 8.** The process by which molecules move from an area of higher concentration to an area of lower concentration.
- 10.** Genetic material that carries information about the organism and is passed on from parents to offspring.