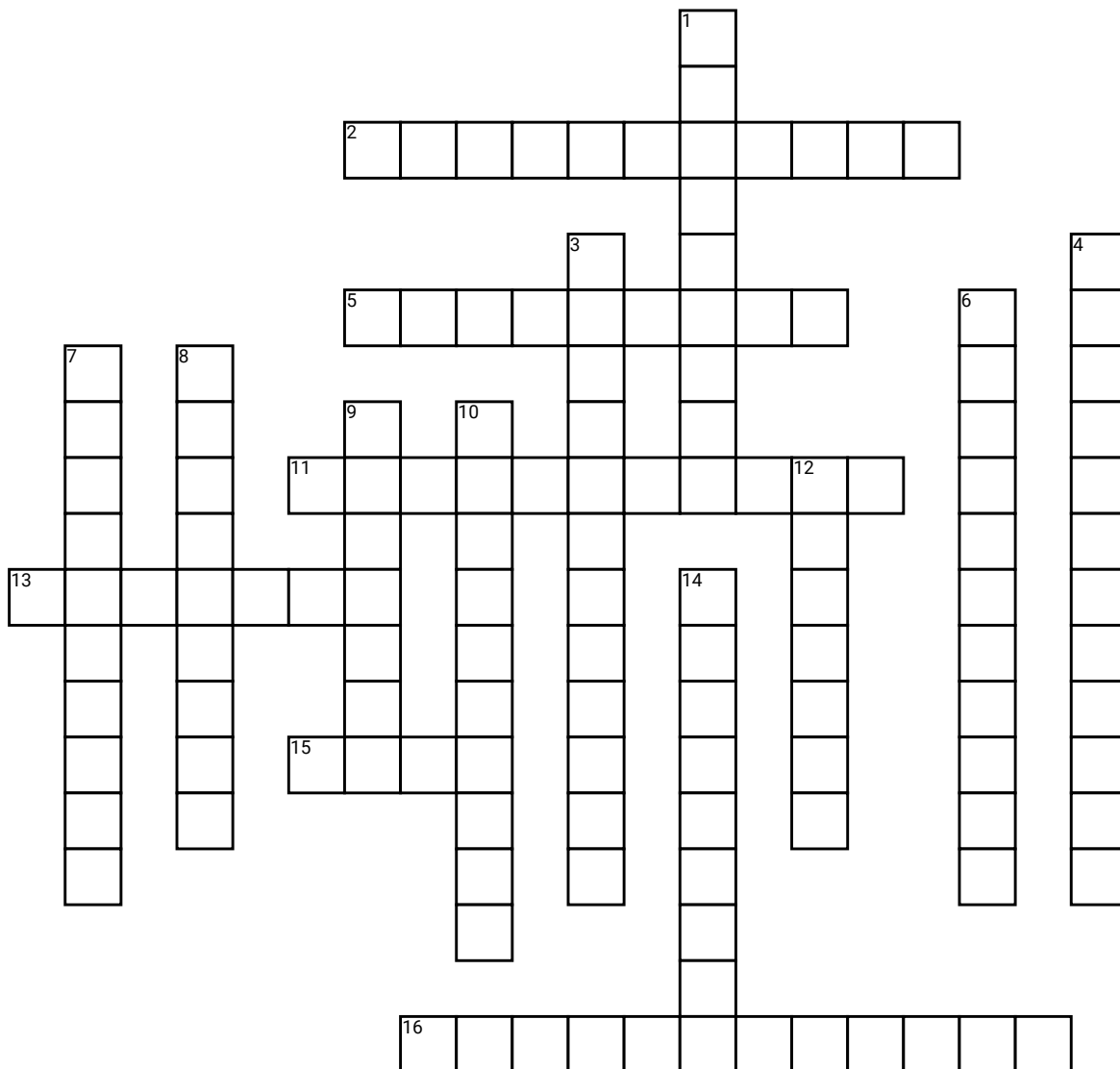


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Science Semester 1 Final Exam Review



## **Across**

**2.** A cell's ability to maintain stable conditions within the cell

**5.** Produces and Assembles ribosomes

**11.** A cell's ability to develop and mature over time

**13.** In animal cells, they are small and help sequester waste products, while In plant cells, they are large and help maintain water balance

**15.** The building block of all life on earth

**16.** The semipermeable membrane of a cell that surrounds and encloses its contents

## **Down**

**1.** Supports and suspends organelles and cellular molecules

**3.** A cell's ability to produce more cells with the same DNA

**4.** The "power house" of the cell, breaks down sugar molecules into energy (ATP)

**6.** Absorbs energy from sunlight and transfers it to two kinds of energy-storing

**7.** This type of cell does not have a nucleus and is unicellular

**8.** A cell's ability to change over time

**9.** A cell's ability to fight off any bad bacteria or viruses

**10.** A cell's ability to gain and use energy

**12.** Controls cell activities (the brain) and contains hereditary materials

**14.** This type of cell has a nucleus and can be unicellular or multicellular