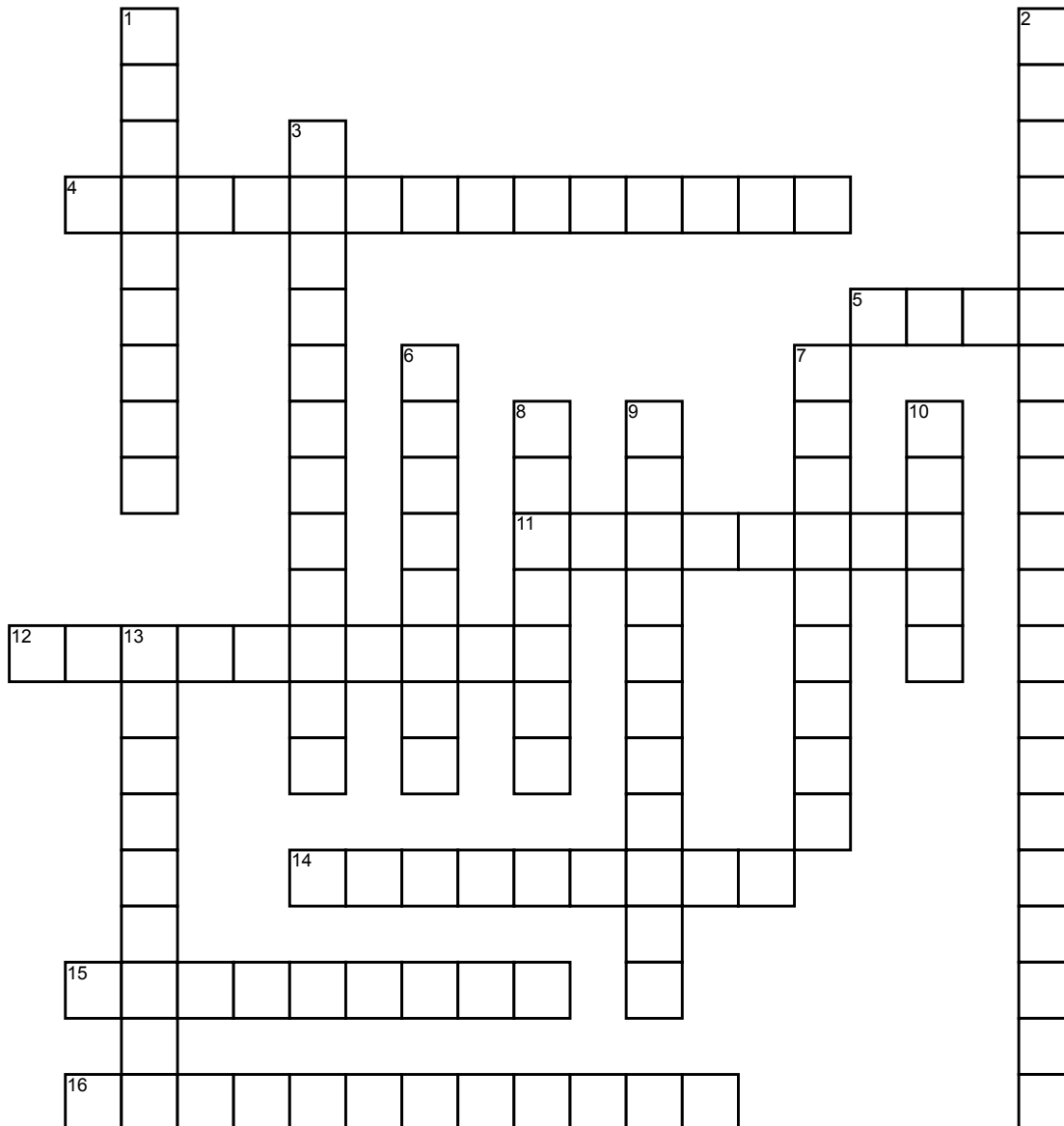


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# 16 word puzzle



**Across**

**4.** a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport

**5.** the smallest structural and functional unit of an organism

**11.** a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria.

**12.** include the bacteria and cyanobacteria

**14.** the material or protoplasm within a living cell, excluding the nucleus

**15.** a slender threadlike structure, especially a microscopic appendage that enables many protozoa, bacteria, spermatozoa

**16.** the semipermeable membrane surrounding the cytoplasm of a cell.

**Down**

**1.** a minute particle consisting of RNA and associated proteins found in large numbers in the cytoplasm of living cells

**2.** a network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane

**3.** an organelle found in large numbers in most cells

**6.** an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane

**7.** organisms whose cells have a nucleus enclosed within membranes

**8.** the central and most important part of an object, movement, or group, forming the basis for its activity and growth.

**9.** a plastid that contains chlorophyll and in which photosynthesis takes place

**10.** an organelle found on eukaryotic cells and are slender protuberances that project from the much larger cell body

**13.** A tiny cellular structure that performs specific functions within a cell