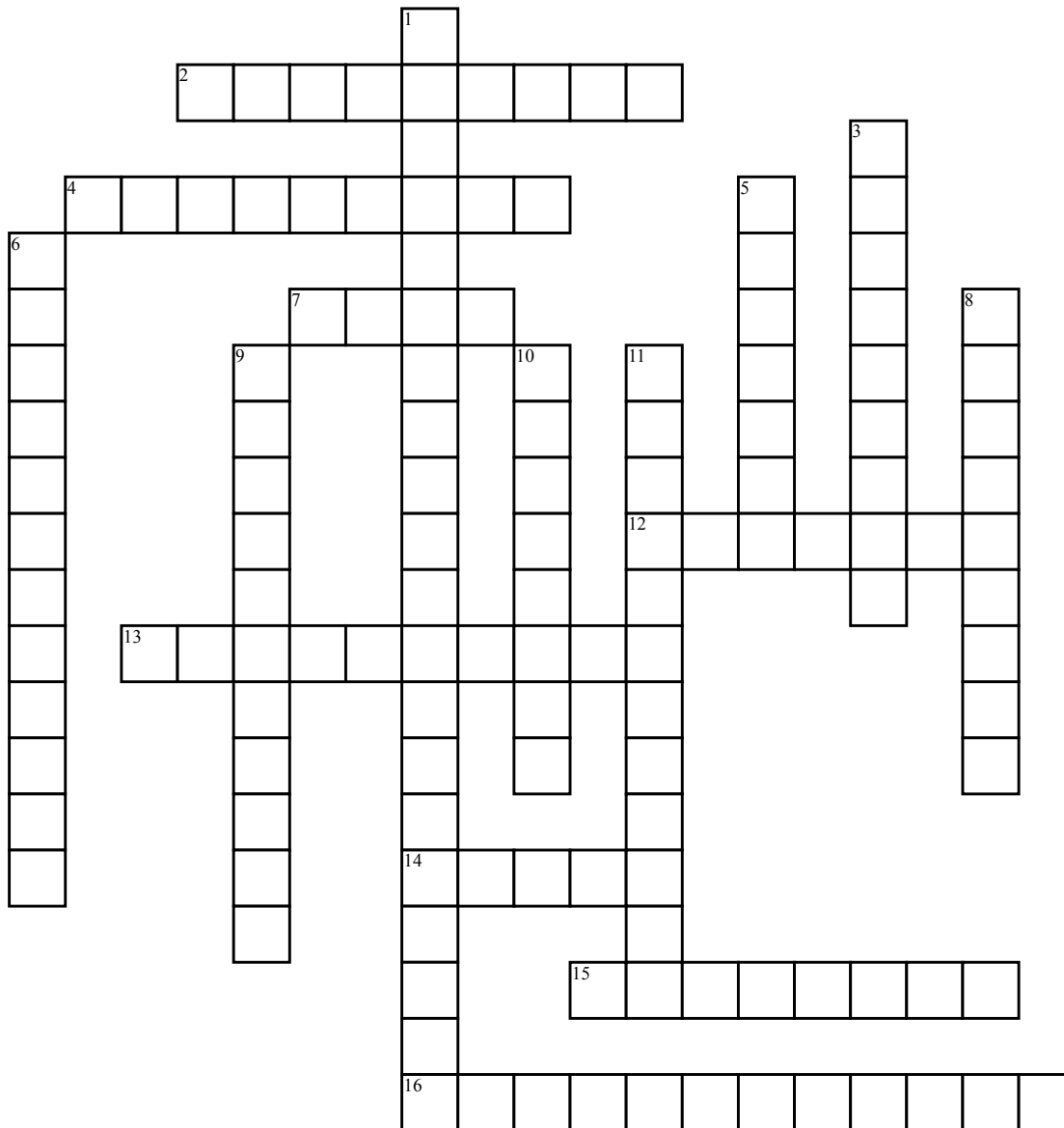


Name: _____ Date: _____ Period: _____

Cell Crossword Puzzle



Across

2. any of a number of organized or specialized structures within a living cell
 4. an organism consisting of a cell or cells in which the genetic material is DNA in the form of chromosomes contained within a distinct nucleus
 7. the smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane
 12. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane
 13. a microscopic single-celled organism that has neither a distinct nucleus with a membrane nor other specialized organelles
 14. a short, microscopic, hairlike vibrating structure

15. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria
 16. an organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur

Down

1. a network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane
 3. the material or protoplasm within a living cell
 5. the central and most important part of an object, movement, or group, forming the basis for its activity and growth
 6. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells

8. a slender threadlike structure
 9. a plastid that contains chlorophyll and in which photosynthesis takes place
 10. a minute particle consisting of RNA and associated proteins, found in large numbers in the cytoplasm of living cells
 11. is a biological membrane that separates the interior of all cells from the outside environment