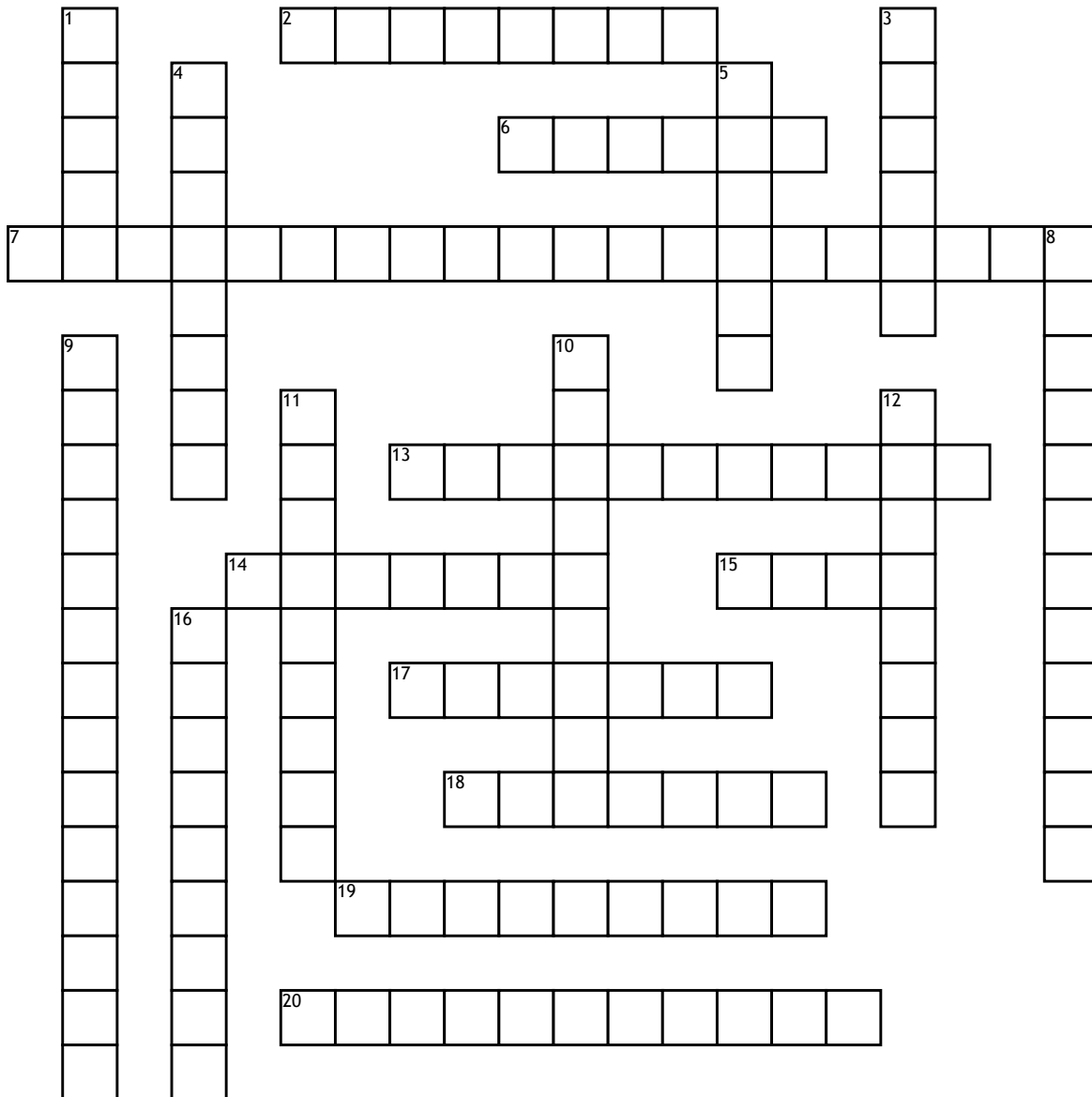


xtra points



Across

2. small, ball-shaped organelle that breaks down nutrients and old cell organelles; rare in plant cells
 6. tiny hair-like structures on the cell membrane of a single-celled organism; allows organism to move and collect food
 7. system of membranes and tubes that twist and turn throughout a cell to make paths for materials to pass
 13. a group of related organs that work together to perform the same function
 14. membrane-bound sacs that are filled with fluid; store water, food, waste, and other substances
 15. basic unit that makes up living things
 17. brain of the cell, storehouse of a cell's important information, core of cell

18. type of diffusion where water passes through a cell membrane
 19. movement of particles from an area of higher concentration to an area of lower concentration
 20. organelle found only in plants; contain green pigments that absorb sunlight and convert the energy into food

Down

1. a group of related tissues that work together to perform the same function
 3. a large group of similar, specialized cells that work together
 4. organelle that assembles proteins into compounds; not surrounded by a membrane
 5. a single-celled organism that is housed inside a shell

8. large, peanut-shaped organelles known as the "power plants" of the cell
 9. system of membranes that receive proteins and "ship" them out to other parts of the cell
 10. whip-like "propeller" tail that helps a single-celled organism move
 11. the parts of a cell
 12. rigid, outer layer of the cell; found only in plant cells
 16. thick fluid located between the cell membrane and the nucleus of a cell