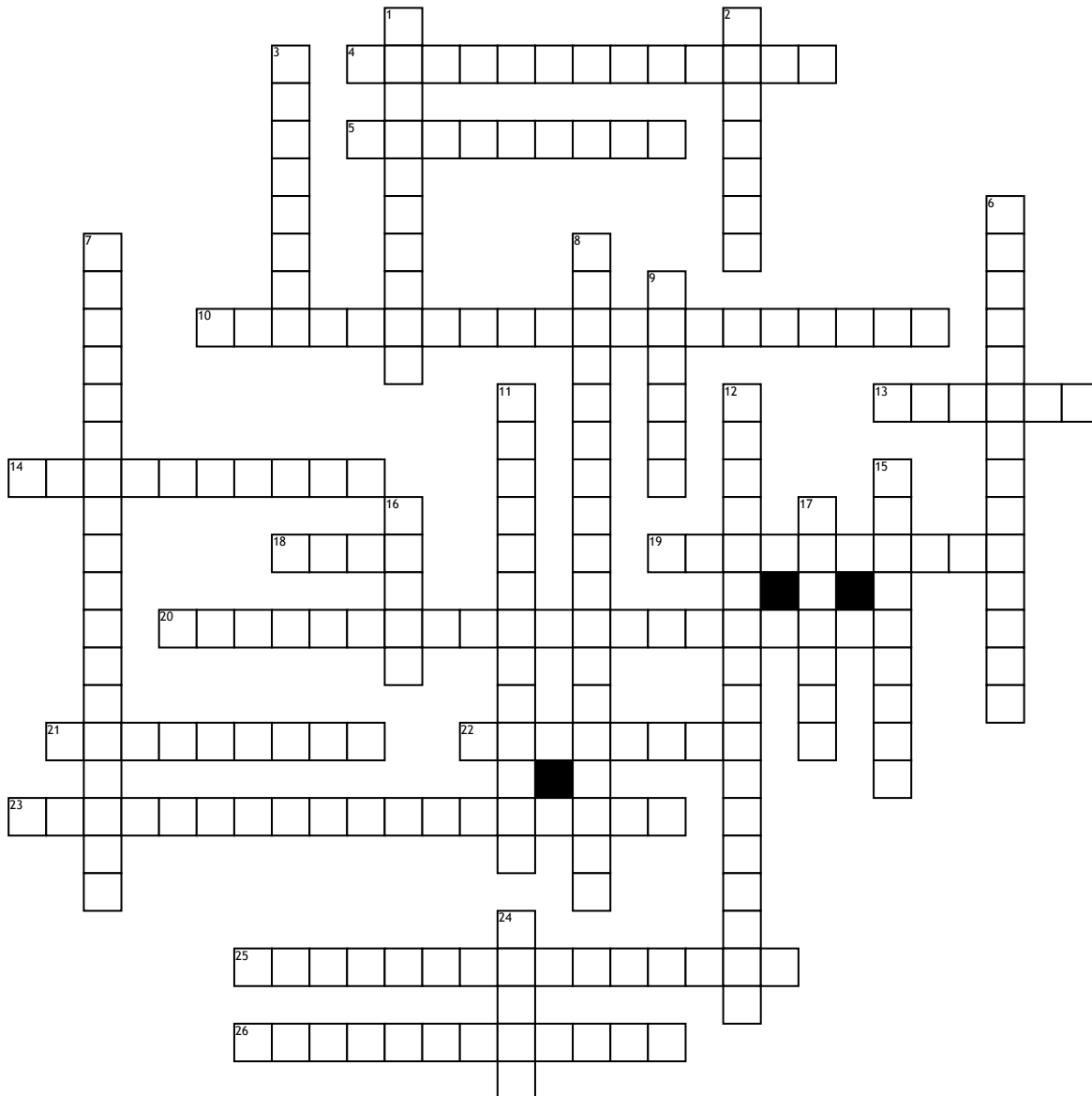


Cells Pt. 1



Across

4. opening in the cell wall that contributes to cytoplasmic flow
 5. membrane of the central vacuole
 10. proteins that span the entire bilayer
 13. proteins and cholesterol are embedded in the lipid bilayer to form a pattern
 14. made of polysaccharides, used for sticking
 18. plasmids used for genetic transfer
 19. characteristic of the plasma membrane
 20. feature of the plasma membrane allowing substances but not all, to pass through
 21. organize and or anchor cilia and flagella

22. made of peptidoglycans, used for protection and support
 23. two fatty acid chains
 25. protein embedded in bilayer
 26. a cell that remains purple, has 2 layers

Down

1. microbody containing enzymes that is used to convert stored fats in plant seeds to sugars
 2. made of polysaccharides, used for protection
 3. used for cell movement
 6. large membrane enclosed sac that stores nutrients and breaks down molecules in a plant cell
 7. genetic transfer to other cells
 8. glycerol, phosphate group, polar organic group

9. glue-like polysaccharide that makes up the middle lamella
 11. layer of polysaccharides found in between walls of adjacent plant cells
 12. protein on the surface, not embedded
 15. long projection for cell locomotion found in animal cells
 16. hair-like projectors on the surface of unicellular organisms, not in prokaryotes
 17. made from chromosomal DNA, used to stick
 24. the plasma membrane is flexible and moves like water