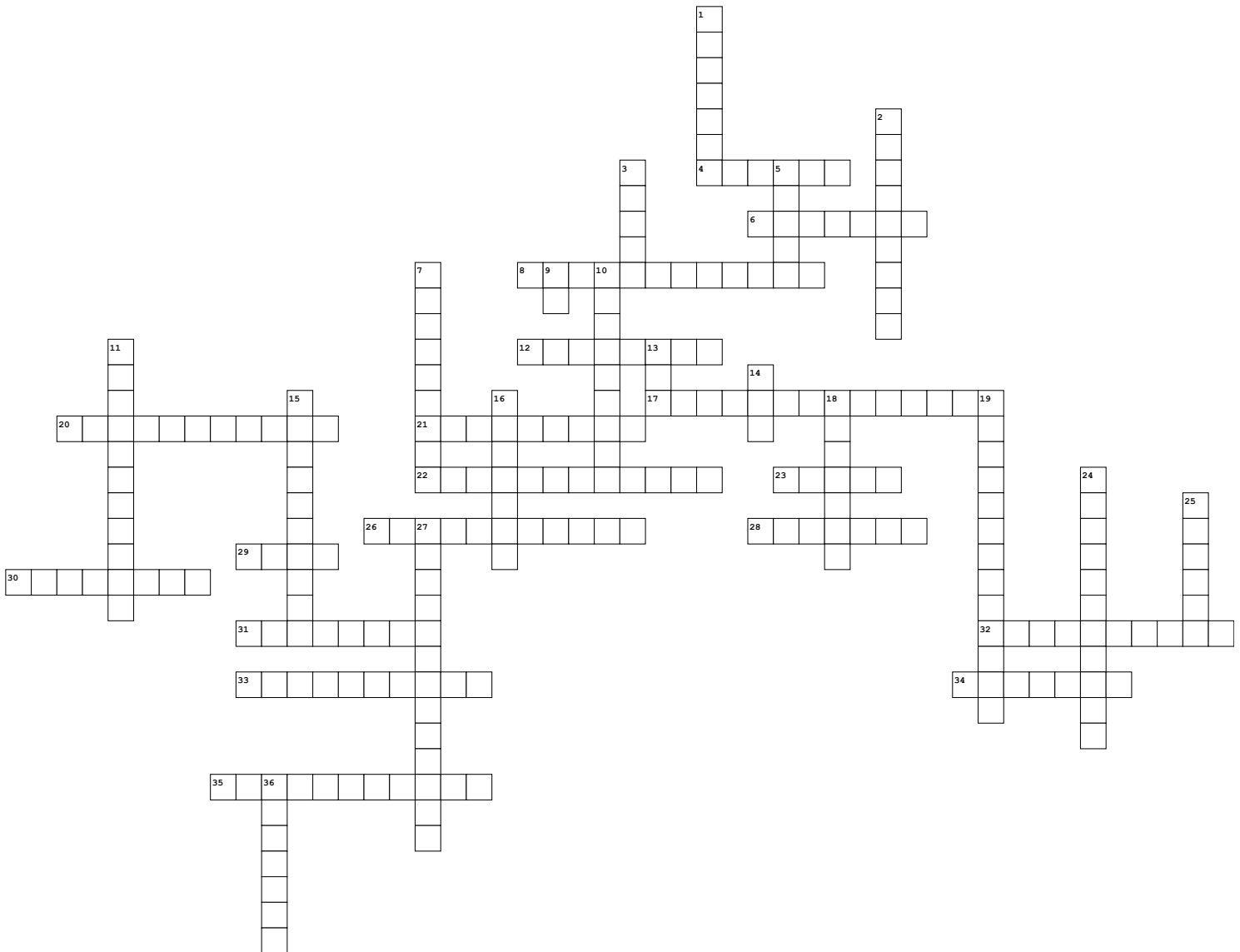


Cell and Cell Processes



Across

4. active transport requires _____
6. control center of the cell
8. also known as consumers
12. supports and protects the plant cell (write as one word)
17. process that uses energy made from sunlight to make glucose
20. ____ have cells that don't have a nucleus or organelles
21. get energy from glucose without oxygen
22. makes energy for the cell
23. packages products and ships them out of the cell

Down

1. respiration burns _____ to make energy
2. another word for passive transport
3. in photosynthesis _____ + carbon dioxide + light make food
5. _____ ER has ribosomes attached
7. fluid that fills the cell
9. series of passageways for protein delivery
10. change in genetic makeup over time
11. the organelle that does photosynthesis
13. made when ATP gives up energy
14. the disadvantage of anaerobic respiration is that it produces _____ amount of energy.

- 26. large molecules use protein channels for _____ diffusion
- 28. storage place
- 29. basic unit of life
- 30. make proteins
- 31. organelle is a cell structure that is bound by a _____
- 32. organisms that make sugar from sunlight
- 33. plants, animals and fungi have this type of cells
- 34. an organic molecule made during photosynthesis and used by respiration
- 35. this happens in the mitochondria
- 15. chemical processes that occur within a living organism in order to maintain life
- 16. _____ respiration requires oxygen
- 18. contains cell's DNA
- 19. membranes are made up of a _____ phospholipid bilayer that control what comes in and out
- 24. maintaining a stable environment
- 25. _____ ER has no ribosomes attached
- 27. diffusion moves from high to low _____
- 36. animal cells have a _____ vacuole than plant cells