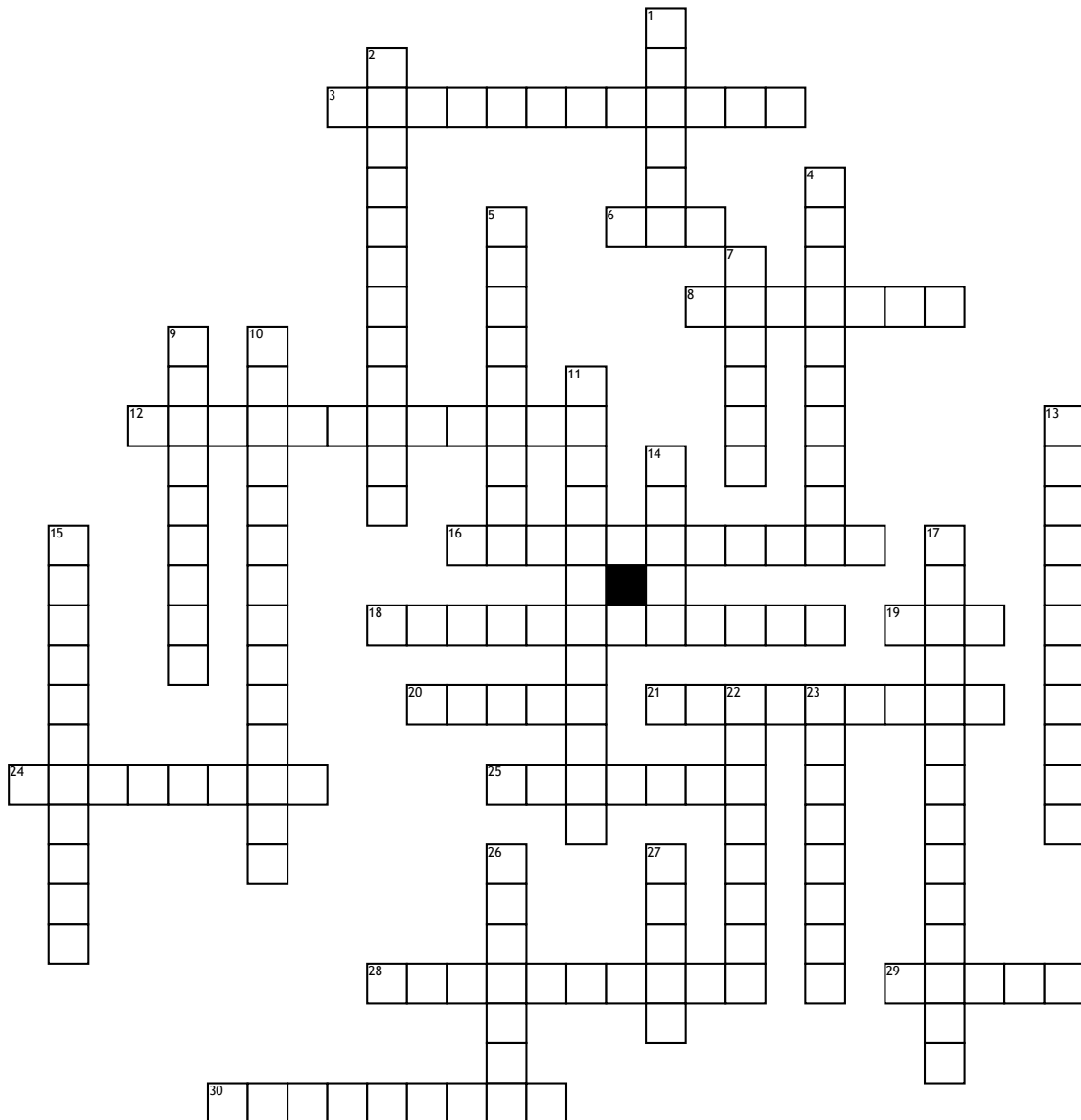


Biology Review



Across

3. Cellular organelle that is responsible for controlling what enters and exits the cell
 6. Nucleic acid that carries directions to make proteins
 8. A process with two rounds of cell division that creates haploid cells
 12. Cellular organelle where cellular respiration takes place
 16. Cellular organelle where photosynthesis takes place
 18. Building block of a lipid
 19. stores genetic information in living organisms
 20. Water is a _____ molecule
 21. Fourth phase of mitosis
 24. Third phase of mitosis

25. The process in which the nucleus of a eukaryotic cell divides
 28. Building block of a nucleic acid
 29. Macromolecules that store energy long term
 30. Second stage of mitosis

Down

1. Scientist that contributed to our knowledge of evolution
 2. It is an example of a _____ genotype
 4. RR is an example of a _____ genotype
 5. First organism in a food chain or web
 7. Scientist that contributed to our understanding of genetics
 9. Building block of a protein

10. The process by which plants, some bacteria, and protists make their own food
 11. Glucose is an example of a _____
 13. Organisms that cannot make their own food
 14. Scientist that discovered and named the cell
 15. Division of the cytoplasm
 17. Building block of a carbohydrate
 22. Cell organelle that breaks down worn out cell parts
 23. First phase of mitosis
 26. Feature that separates a prokaryotic cell from a eukaryotic cell
 27. Shape of a nucleic acid