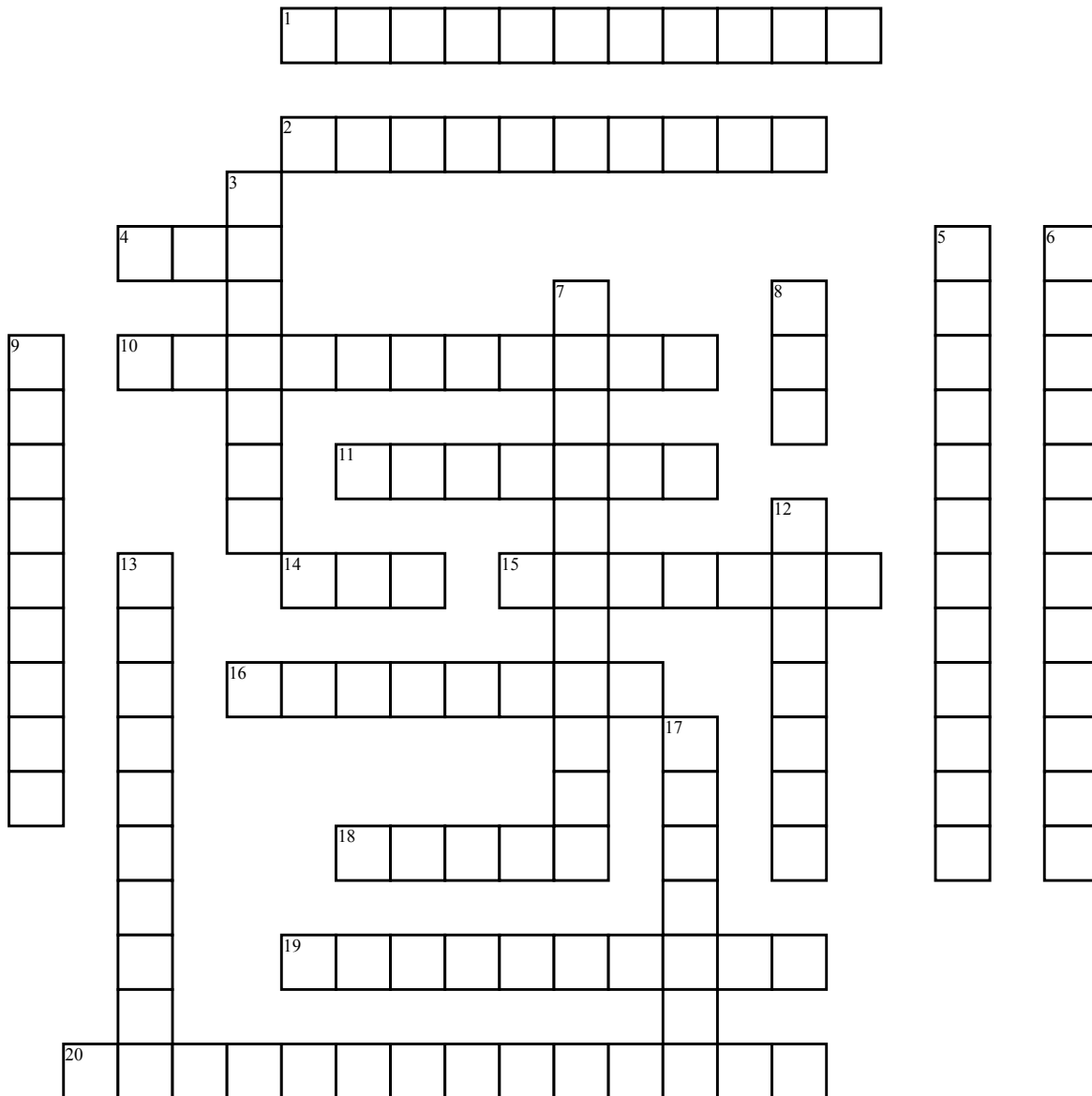


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Unit 6 Crossword



## Across

1. Organelle where photosynthesis takes place
2. Organism that can produce its own food
4. Genetic material passed from parent to offspring
10. Pigment that absorbs light
11. A simple sugar that is an important energy source
14. Acronym for energy-supplying molecule Adenosine triphosphate
15. Contains two sets of chromosomes
16. A polymer of glucose

18. Cycle that is also known as the Citric Acid Cycle

19. The breakdown of glucose by enzymes

20. Process by which plants use solar energy to create nutrients

## Down

3. contains one set of chromosomes
5. Organisms that obtain energy and carbon from food consumption of other organisms
6. The flow of ions across the membrane

7. Physical separation of the cytoplasmic components into two daughter cells

8. Nucleic acid that exist as a single stranded molecule

9. Where Glycolysis takes place

12. Cell division resulting in two daughter cells each with the same number of and kind of chromosomes

13. The longer it is the less energy is carried by it

17. Cell division that results in four daughter cells each with half the number of chromosomes of the parent