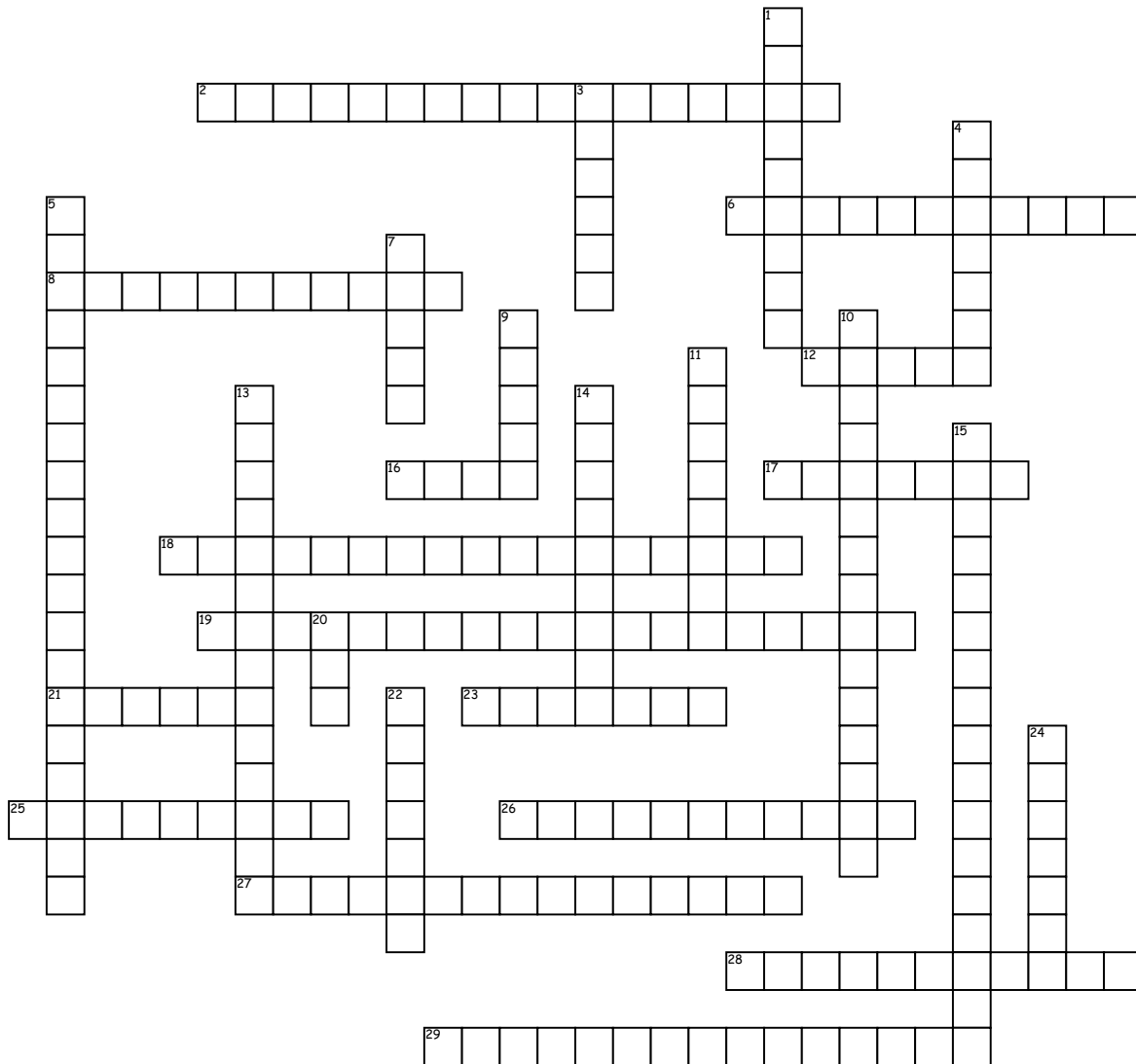


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Unit 4.2 Vocabulary Activity



## Across

2. Process that breaks large food molecules into smaller molecules that can be taken in by cells
6. A sac that stores bile
8. Smallest vessel in the circulatory system; site of nutrient and gas exchange between blood and body cells
12. Organ in the digestive system that produces bile and enzymes, breaks down toxins and wastes
16. The opening at the end of the digestive system, where wastes are released
17. A hormone that is produced by a group of specialized cells in the pancreas and that lowers blood glucose
18. Positive or negative response to a stimuli; example: pain
19. System that covers the human body, basic organ is skin in the human body
21. A protein in the body that helps control a chemical reaction, such as digestion

23. A chemical released by a gland: controls a specific body function
25. Process of breaking down food into a form the body can use
26. An artery, vein, or capillary that carries blood to and from the heart and body tissues
27. Organ system that removes waste from the body
28. Keeping conditions constant in the body
29. System of organs that controls body activities through chemical messengers (hormones)

## Down

1. Tube that carries food from the mouth to the south
3. Specialize organs that make substances (hormones) that control and regulate body processes
4. Saclike structure that stores urine until it can be released
5. process of breaking food into smaller pieces by chewing and mashing

7. Organ that punmps blood throughout the body
9. Pair of organs in the respiratory system, where carbon dioxide and oxygen are exchanged
10. Organ system that breaks down food into substances the body can use, and absorbs these substances
11. Vessels in the circulatory system that carry blood away from the heart
13. Part of the digestive system where water is absorbed from the solid waste
14. large domed muscle that seperates chest and abdomen and plays a major role in breathing
15. Organ system that transports needed substances throughout the body and carries away wastes
20. Female sex cell
22. elongated tissues that allow for contractons and relaxationd to cause movement
24. Organ in the urinary system that filters waste from the blood