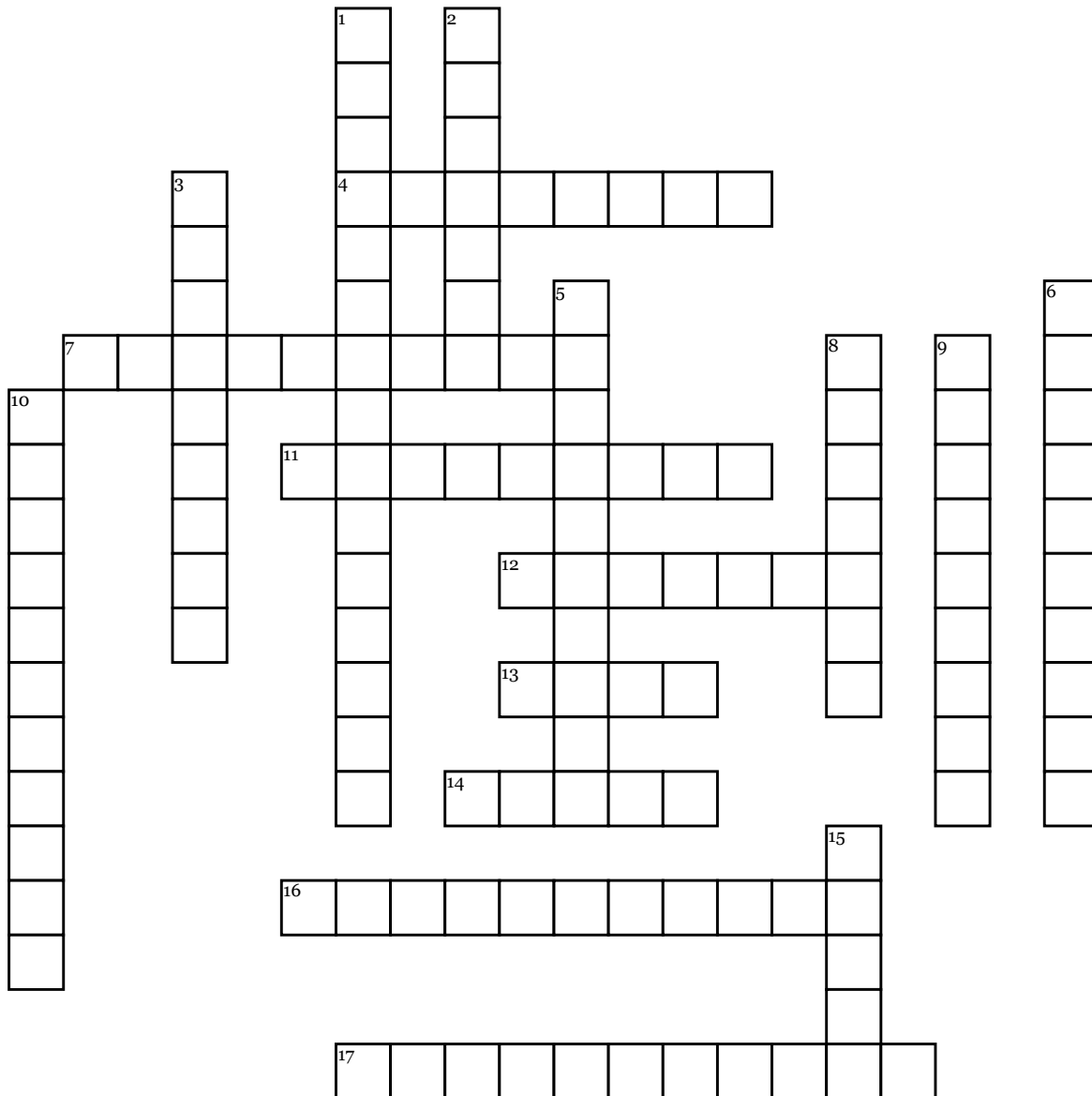


Digestion and Absorption



Across

- 4.** Equal in cell and solution
7. Bulk transport occurs by endocytosis and _____
11. The breakdown of complex structures into smaller ones is known as _____ reaction.
12. Cholecystokinin, gastric inhibitory peptide, secretin, and _____ represent the four hormones that regulate digestion.
13. _____ is produced by the liver
14. The byproduct of stomach contents and digestive juices

- 16.** pH and _____ affects enzymes rate of reactions
17. Bile is stored and secreted by the _____

Down

- 1.** This process occurs when substances cannot move across cell membranes (hint: two words)
2. _____ moves water through a selectively permeable membrane
3. More particles in the cell and less in the solution
5. _____ refers to the concentration of particles in solution

- 6.** More particles in solution
8. This part of the small intestines is where most of the digestion occurs
9. _____ begins with smell and taste and is under involuntary control
10. This rhythmic contraction moves the bolus of food down the esophagus
15. Sodium potassium pump is important for _____ function