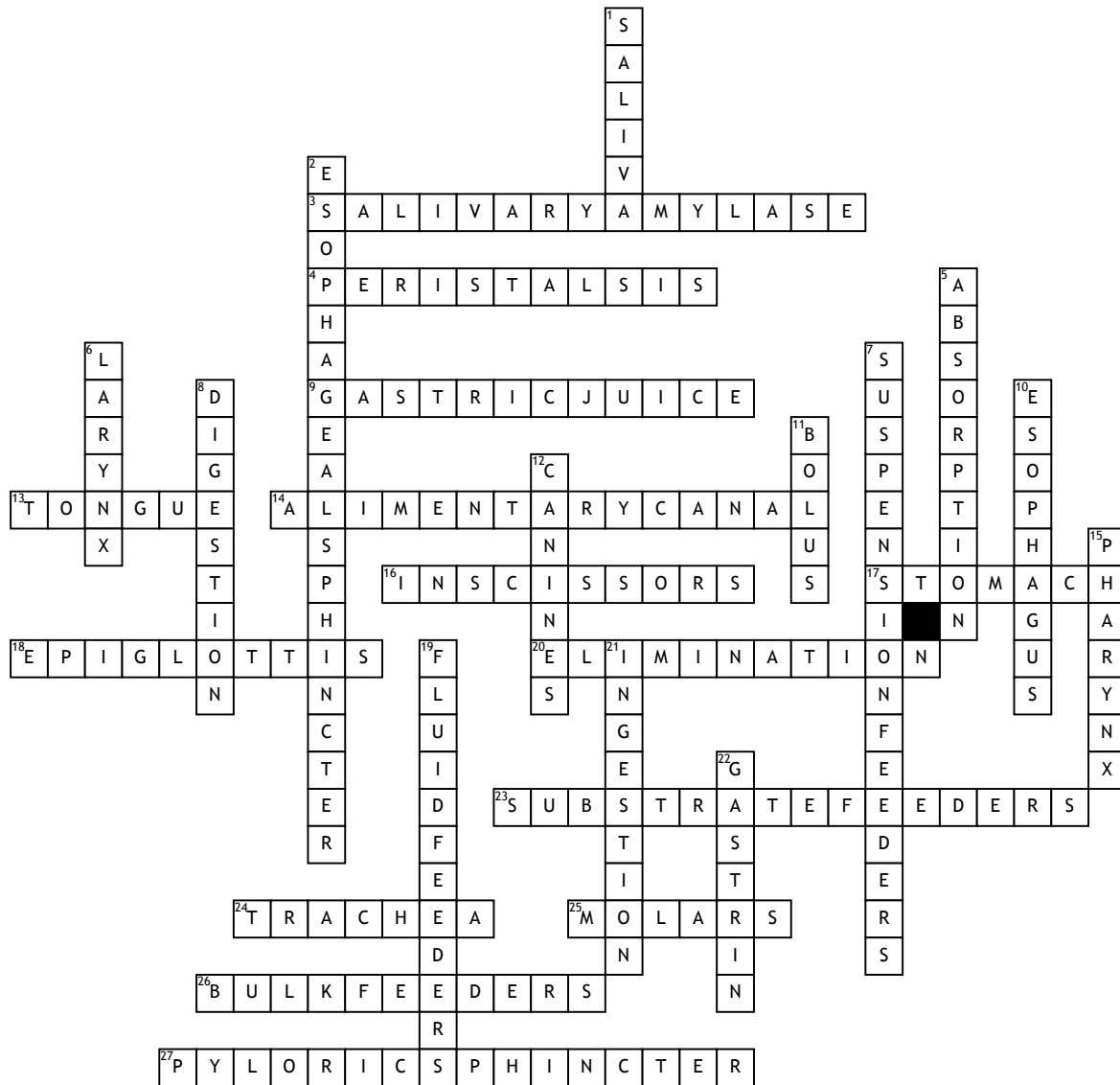


Name: _____

Date: _____

Nutrition and Digestion



Across

3. Converts starch to disaccharides
 4. Rhythmic waves of contraction of smooth muscles in the walls of the digestive tract that propel it through the alimentary canal
 9. Made up of mucus, enzymes, and strong acid
 13. Muscular organ covered in taste buds
 14. Digestive tube with two openings
 16. Blade-like, for biting
 17. Pouch-like organ that temporarily stores food, does mechanical and chemical digestion, and times the food's release into small intestine
 18. A flap of cartilage and connective tissue that keeps food out of the trachea
 20. Undigested material passes out of digestive tract
 23. Live on or in food and eat through it

Down

1. A mucus and enzyme-containing liquid secreted by the mouth and makes food easier to swallow.
 2. Muscles of esophagus that contract above and below a bolus
 5. Cells lining digestive tract take in small molecules which travel in blood to other cells
 6. Voice box, controls the opening to the esophagus and trachea
 7. Extract food suspended in water
 8. Mechanical and chemical breakdown

10. Muscular tube that conveys food boluses from the pharynx to the stomach; digestion here flexible, behind trachea, one foot long
 11. Large ball of chewed, moist food formed as you swallow
 12. Pointed teeth used for ripping apart food in carnivores
 15. Throat, where food entering the mouth passes into, is blocked when you choke
 19. Suck fluids from host, many are parasitic
 21. Intake of food
 22. Food stimulates cells to release this hormone into circulatory system, stimulating further secretion of gastric juice