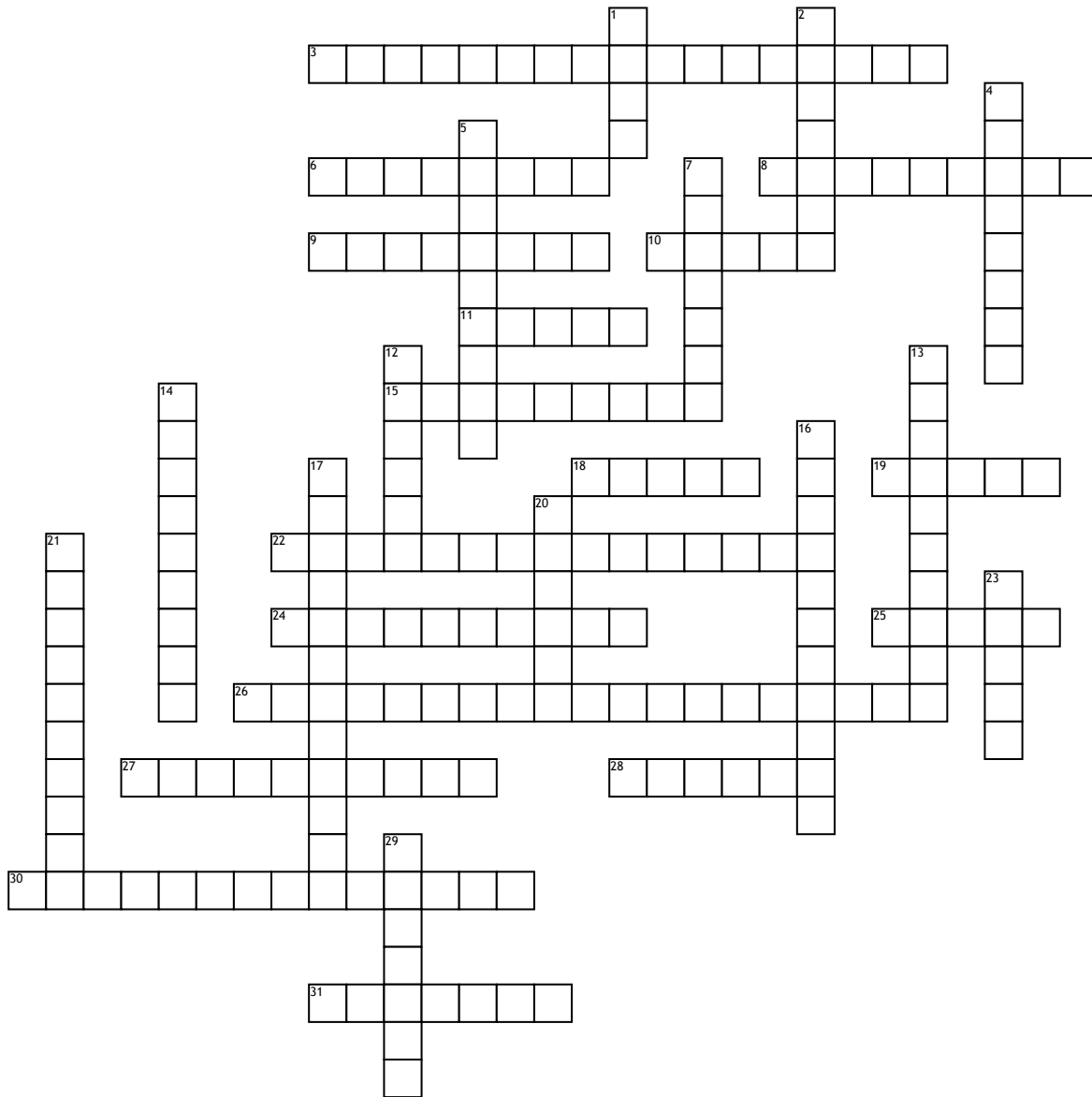


Name: _____

Date: _____

The Digestive System



Across

3. Smooth muscle of the alimentary canal
 6. Bacterial storehouse; recolonizes gut when necessary
 8. Last segment of the LI; opens body exterior at anus
 9. Shortest part of the SI; bile duct from liver and main pancreatic duct from pancreas. Curves around head of pancreas
 10. Last segment of SI; absorbs vitamin B12, bile salts, and whatever products remain that were not absorbed by the jejunum
 11. 32; tear and grind food for digestion
 15. Flat, muscular tube from laryngopharynx to stomach
 18. Consists of the lips, cheeks, palate, and tongue
 19. Final part of the digestive system; reabsorb fluids and process waste products from the body/prepare for its elimination
 22. Digests food and absorbs fragments. Consists of mouth, pharynx, esophagus, stomach, small intestine, and large intestine

24. The movement of food along the digestive tract

25. Largest gland in the body; produces bile
 26. Physical breakdown of large pieces of food into smaller pieces; i.e. chewing
 27. The elimination of solid, or semisolid waste material from the digestive tract
 28. Skeletal muscle that repositions and mixes food during chewing, initiates swallowing, speech, and taste
 30. Major organ of digestion and absorption
 31. Allows passage of food, fluids, and air

Down

1. Yellow-green, alkaline solution that contains bile salts, bilirubin, cholesterol, neutral fats, phospholipids, and electrolytes
 2. Middle part of SI; most of the nutrients present in food are absorbed here
 4. Secretes insulin and glucagon; secretes pancreatic juice that neutralizes chyme
 5. Taking food or drink into the body by swallowing or absorbing it

7. Opening of stomach into the duodenum

12. Temporary storage site for feces
 13. Assimilating substances into cells or across tissues and organs through diffusion or osmosis
 14. The process of breaking down a substance that can be used by the body
 16. Stores/concentrates bile by absorbing water and ions
 17. Band of smooth muscle that controls the flow of partially digested food into the small intestine
 20. Cleanses mouth, dissolves food chemicals for taste, moistens food, compacts into bolus, begins breakdown of starch with amylase
 21. Serous membrane of abdominal cavity
 23. First segment in the LI; absorbs fluids and salts that remain after completion of intestinal digestion and absorption
 29. Temporary storage, chemical digestion of bolus to chyme