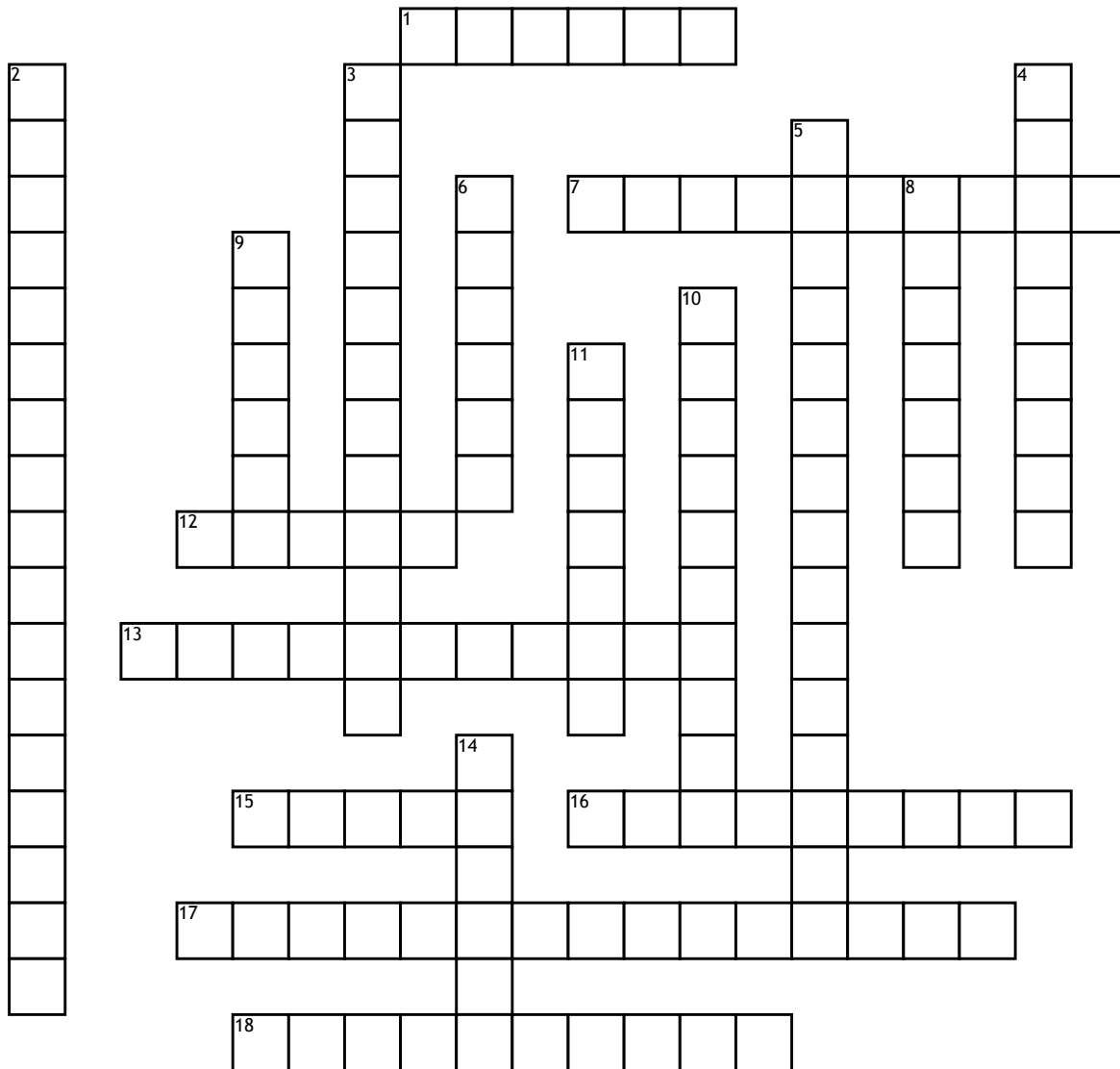


ANS2 Digestive System



Across

1. The part of a ruminant system where liquid is removed and little digestive action occurs.

7. The process of forcing food back up the esophagus to be chewed again. Occurs only in ruminant animals "Chewing the Cud"

12. Serves little function for other nonruminants and ruminants

13. The kind of acid that stops the action of salivary amylase.

15. Small finger-like projections in the intestinal wall that increase the surface area and aid in digestive absorption.

16. to chew food

17. When animals become ill from foreign objects

18. Process of grasping feed with lips tongue and/or teeth.

Down

2. One-celled organisms found in the rumen and reticulum and aid in digestion. Chyme Partially digested feed that is acidic, semi fluid, gray, and pulpy.

3. Liquid that contains water, mucus, hydrochloric acid and digestive enzymes. Secreted by glands.

4. Carries food from the mouth to the stomach

5. Secreted by intestinal wall

6. The enzyme that acts on proteins

8. Enzyme that breaks down remaining proteins

9. An organic catalyst substance that speeds up the digestive process.

10. Compounds that are the building blocks of protein and are essential for growth and maintenance of cells.

11. Muscular In chickens where grit and gravel help to break down feed.

14. Acts on fats.