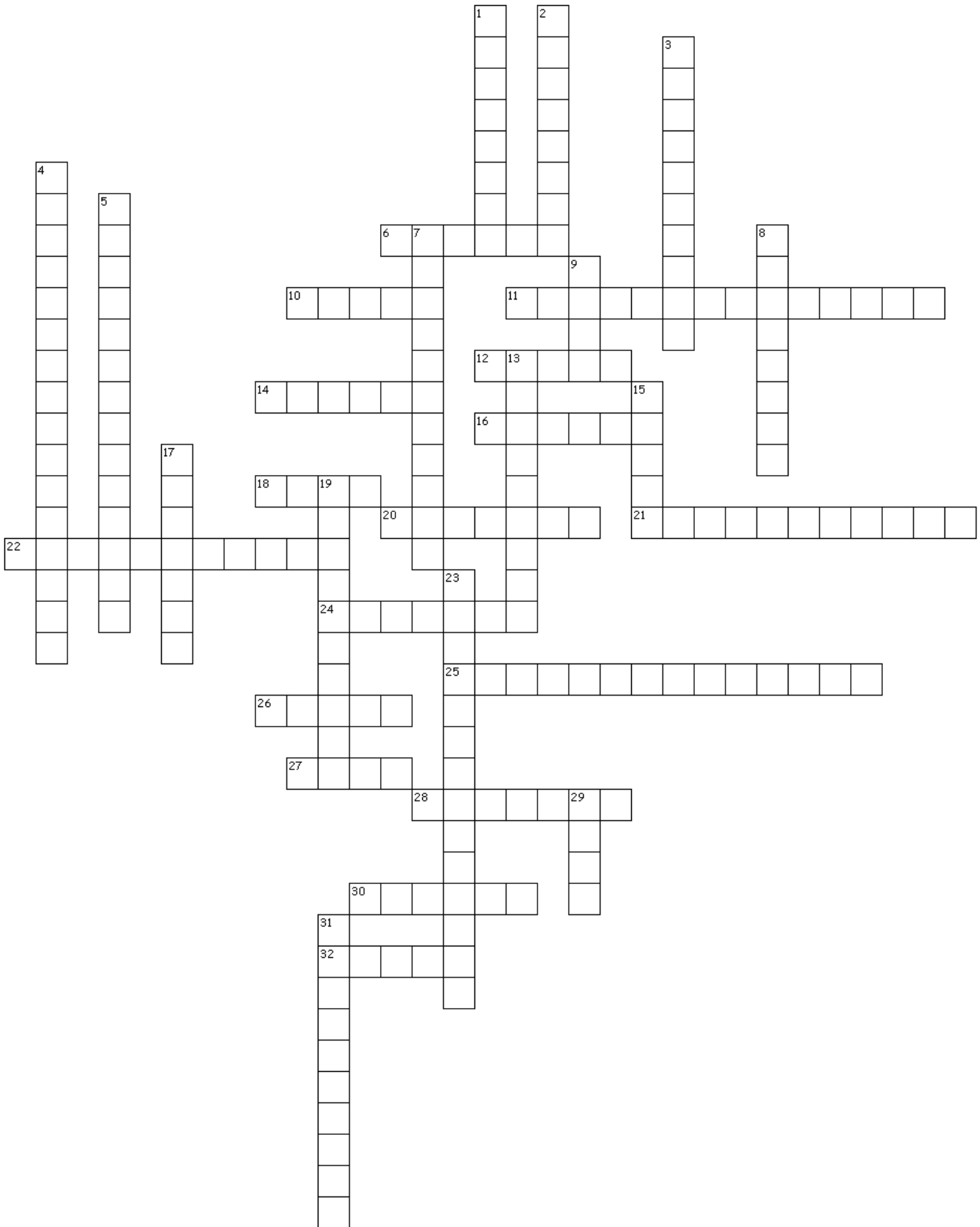


DIGESTION



Across

6. The site of further mechanical breakdown of food in the cow.
10. An animal that has a crop, gizzard, and proventriculus in their digestive systems.
11. An animal that has a simple stomach, but breaks down cellulose in the cecum.
12. The structures in most animals that begin mechanical digestion in the mouth.
14. The liquid in the mouth that usually adds moisture and contains some enzymes to begin digestion.
16. The structure in the mouth that most animals use to aid in prehension.
18. The substance that breaks down fats in the body.
20. The muscular organ in the chicken that mechanically grinds food.
21. The means by which an animal breaks food down in the mouth.
22. The gland that secretes bile.
24. The thing that breaks down carbohydrates and proteins in the stomach.
25. The site of water absorption in all animals.
26. A ball of grass that is regurgitated and re-masticated by the cow.
27. The external structure where feces exits the body.
28. The site of chemical and enzymatic breakdown of food in the monogastric animal.
30. The internal structure that collects and holds the feces until defecation.
32. The large fermentation vat where cellulose is broken down in a cow.

Down

1. The organ that secretes enzymes that breakdown carbohydrates.
2. The site of chemical and enzymatic breakdown of food in the cow.
3. The act of re-masticating the cud in order to further breakdown the grass and add saliva.
4. The chemical that breaks foods down in the stomach.
5. The site of chemical and enzymatic breakdown of food in the duck.
7. An animal that only has one simple stomach and cannot break down cellulose.
8. An animal that has a 4-chambered stomach and is able to break down cellulose.
9. The structure on a turkey homologous to the anus.
13. The tube that transports the food from the mouth to the stomach.
15. The site of cellulosic digestion in a horse or rabbit.
17. The enzyme that breaks down starches in the body.
19. The site on a horse where nutrients released by the cecum are absorbed.
23. The site of most nutrient absorption in all animals.
29. The structure on a chicken that adds moisture to the food.
31. The means by which an animal bring food into the mouth.