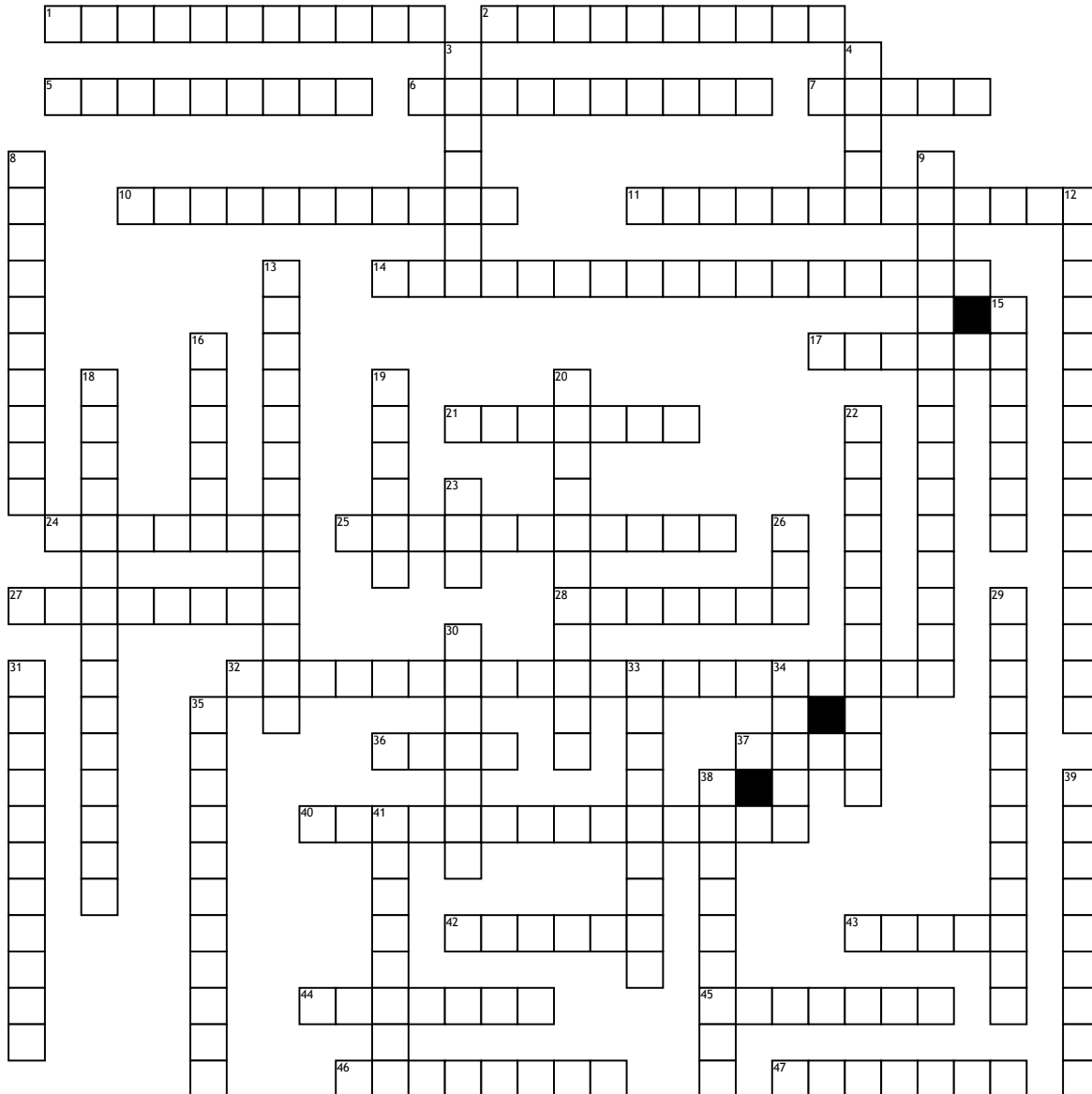


Name: _____

Date: _____

cells and systems



Across

1. life from something non-living
2. life from something living.
5. what can kill viruses?
6. contain organelles surrounded by membrane.
7. a ball the tongue forms by moving the food around in the mouth.
10. the bile is stored in it
11. helps newly formed virus particles leave the host cell.
14. the system that is responsible for breathing.
17. it is the end of the large intestine where leftover waste is compacted.
21. responsible for gas exchange.
24. the majority of absorption happens there.
25. what can kill bacteria?
27. how many chromosomes do cells have?
28. carries urine from the urinary bladder to the outside of the body.
32. it moves materials around the cell
36. the feces passes out of the body through the ____
37. provide protection for your chest cavity.
40. it is broken down into three parts: duodenum, jejunum and microvilli.
42. tiny finger like projections found in the jejunum. they increase the surface area for absorption.
43. the bile is produced there.

44. each of this _____ leads to your lungs.

45. any protein that our immune system used to recognize "self" vs. "not self".
46. digestive plant for proteins, fats and carbohydrates.
47. what is H5N1?

Down

3. directs all the cell activities.
4. it is called "protein packaging plant".
8. a flap of tissue that guards the entrance of the trachea. it closes when anything swallowed should go to the esophagus and stomach.
9. the system that is responsible for breaking down food into nutrients
12. the system that is responsible for eliminating non-solid waste from your body.
13. a flu virus may exchange genes with other viruses that have infected other cells.
15. an enzyme in the saliva that breaks down carbohydrates
16. photosynthesis- takes carbon dioxide to make _____.
18. surrounds the nucleus. contain the entrance to the nucleus.
19. sit on top of the trachea
20. antibiotics break the cell wall to stop bacteria from _____.
22. usually found in plant cell. contain green chlorophyll.
23. how many characteristics do living things has?

26. what are chromosomes made out of?

29. produces energy for the cell.
30. membrane bound sacs for storage, digestion and waste removal.
31. various chemicals produced by certain soil microbes that are toxic to many bacteria.
33. each cell contains thousands of it.
34. when the bolus enters your stomach, it is known as _____
35. does not have structures surrounded by membrane.
38. a dome shaped muscle that separates the chest cavity from the abdominal cavity.
39. movement of molecules from an area in which they are highly concentrated to an area in which they are less concentrated.
41. protein produced in the immune system to tag and destroy invasive microbes.