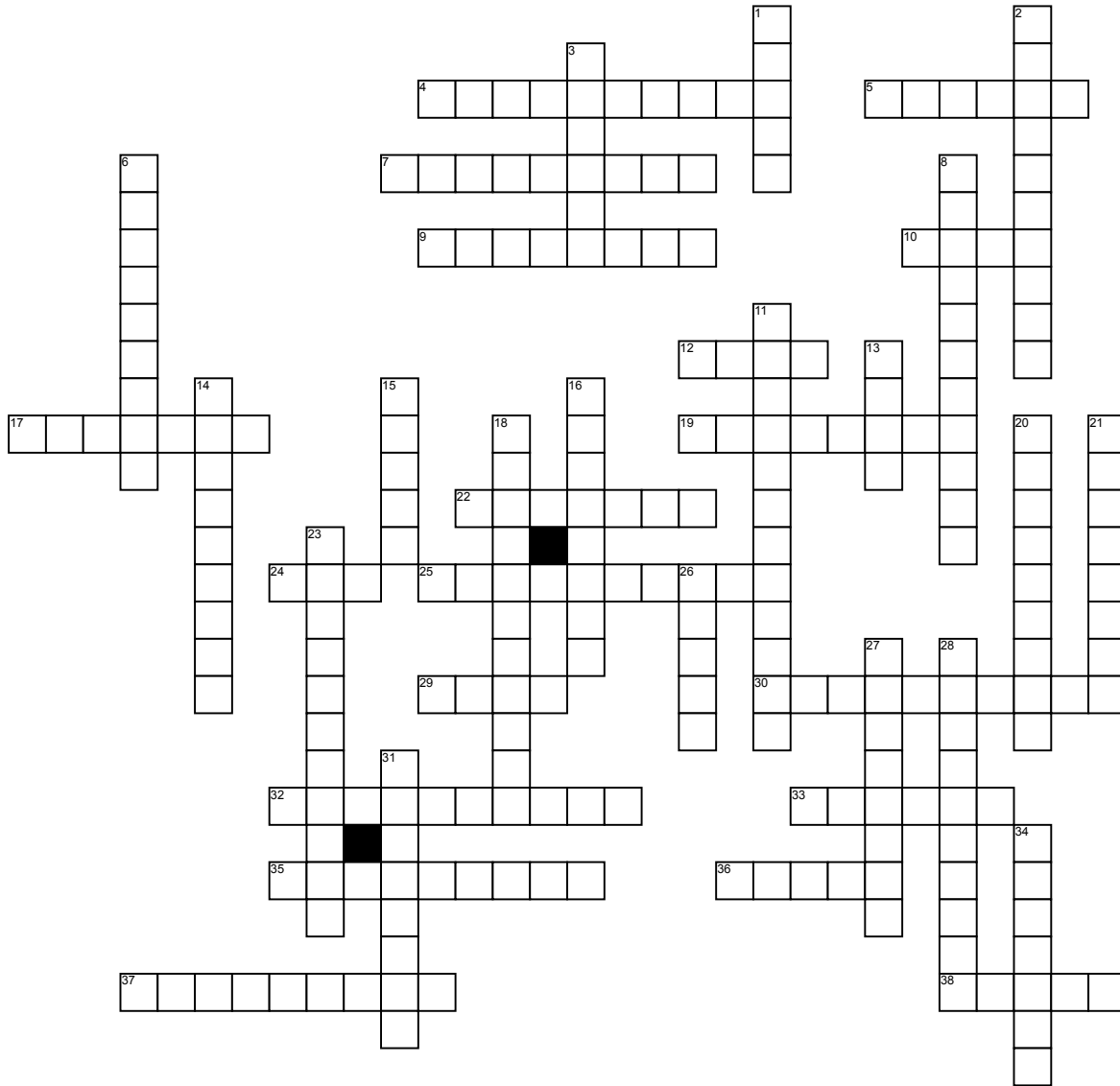


Name: _____

Date: _____

SNC2D-Biological Systems Review Crossword



Across

4. Type of tissue that lines the internal organs of animals.

5. The tissues found between the dermal and vascular tissue in plants.

7. Where the genetic information is stored in a cell.

9. Connects bone to bone.

10. Cells in animals that can specialize into any type of cells and tissues.

12. Part of the circulatory system that has back-flow valves.

17. Part of the cell that folds proteins (2 words).

19. Phase of mitosis where DNA condenses into chromosomes.

22. Groups of air sacs connecting to capillaries for gas exchange.

24. Diagnostic imaging that uses a large magnet to look at soft tissue.

25. The term for an environmental factor that can cause mutations to occur in a cell.

29. The smallest unit of life.

30. The stage where a cell grows, repairs, and performs its normal functions.

32. Type of tissue that includes blood.

33. Type of tissue used for movement.

35. Muscle under lungs that assists with breathing.

36. Type of cells that cannot regenerate.

37. The phase of mitosis where nuclei form around the split chromosomes.

38. Plant system including the flower, leaves, and stem.

Down

1. Dead cells that transport water.

2. The connection between two chromosomes.

3. Transports materials both up and down in a plant.

6. Provides a cushion and support between two bones.

8. The stage where two cells physically divide.

11. Where cellular respiration takes place inside a cell.

13. Type of specialized cell that is packed with chloroplasts.

14. Organelle in a cell that connects to spindle fibers.

15. Specialized cell in which two of them make up a Stomata on plant leaves.

16. Vascular tissues that carries blood away from the heart.

18. The organelle that harnesses light energy.

20. Diagnostic imaging technology frequently used to check for breast cancer.

21. Organelle where proteins are manufactured.

23. A cell that does not contain a nucleus or any other membrane bound organelle.

26. Structure fish have instead of lungs to perform gas exchange.

27. Location in plants where cells can differentiate to form specialized cells.

28. Flap that keeps food and liquid from entering the respiratory system.

31. The stage in mitosis where chromosomes are being pulled by spindle fibers to opposite ends of the cell.

34. The place where items are stored in cells.