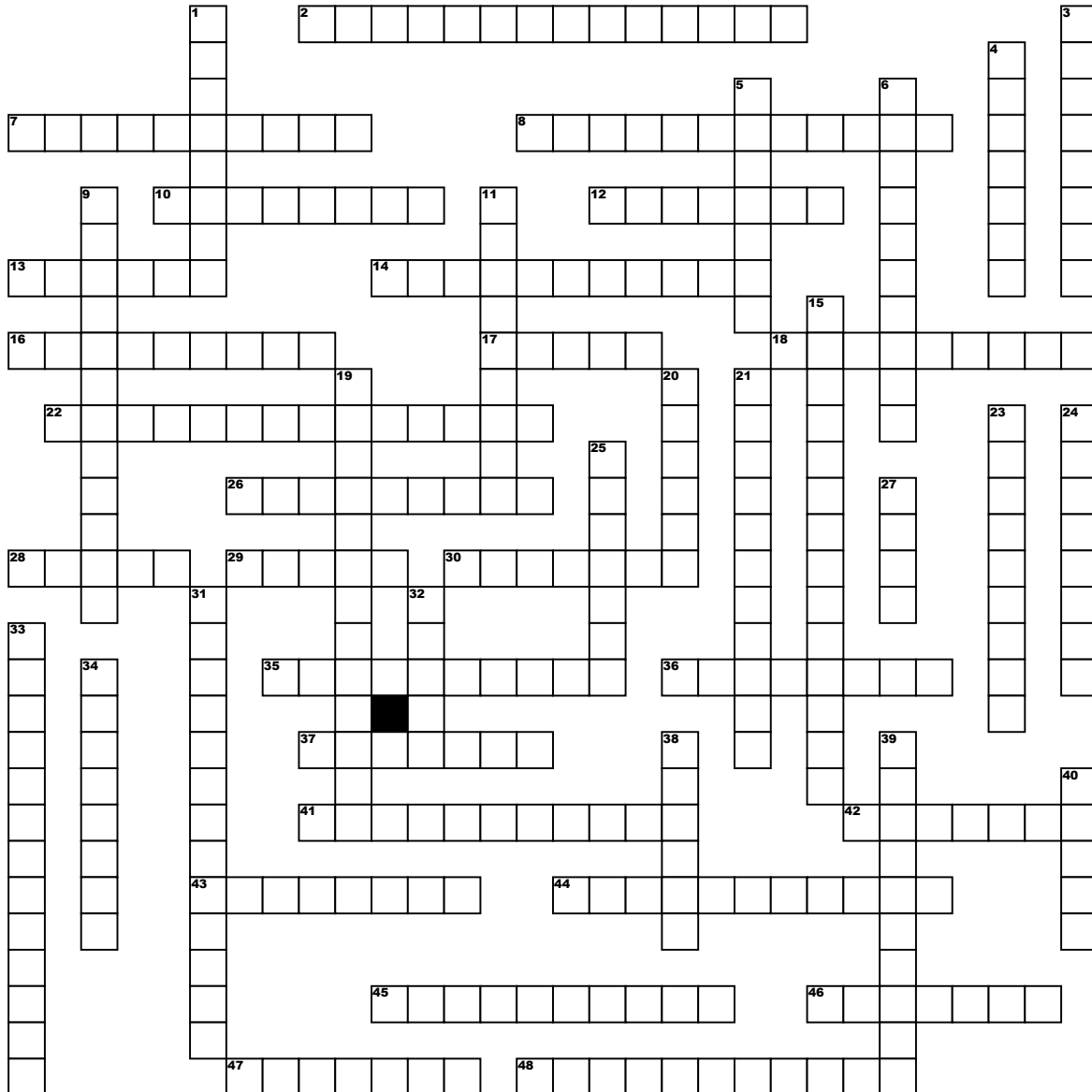


# Science Questions



## Across

2. Which major gland signals other glands to produce their hormones?  
 7. Which cell releases glucagon when you've not eaten enough?  
 8. what do you call low blood sugar?  
 10. Oxygen carries a \_\_\_\_\_ charge.  
 12. What is the name for the specialized nerve cell that transmits information chemically and electrically throughout the body?  
 13. Neutral fats, oils, steroids and fatty acids may be classified as what?  
 14. How many pairs of chromosomes are found in the average human?  
 16. Which cell releases insulin when you have eaten to much sugar?  
 17. Where does moving air being breathed in go?  
 18. Which acid contains amino and carboxyl?  
 22. what are large molecules called?  
 26. what hormone regulates metabolism?  
 28. Digestion of carbohydrates start where?  
 29. The digested bolus is called \_\_\_\_\_.  
 30. What collects coming in air?  
 35. What leads the swallowed food down to the esophagus and stomach?  
 36. What's the stage called when your body removes any left over waste?  
 37. Name the tooth that rips and tears food.

41. What is the name of the "H" factor  
 42. Where is the primary site for gas exchange?  
 43. What structure is found in plant cells and not in animal cells?  
 44. what makes melatonin?  
 45. what is the spongy tissue in your bone called?  
 46. Which gland produces hormones which primarily influence the meta bolic rate, and protein synthesis?  
 47. What is in the inner region of the parenchyma of the kidney?  
 48. What do epiPens contain?

## Down

1. Which organ regulates your blood sugar?  
 3. How do we measure energy stored in the chemical bonds in food  
 4. What filters blood and removes cellular waste products?  
 5. Which part of the cell is responsible for breaking down used organelles and essentially "digesting" substances?  
 6. What cell causes swelling?  
 9. Body temperature, metabolism, heart rate, and sleep are influenced by what region of your brain?  
 11. What drains the kidney and carries the filtered blood?  
 15. Site where absorption of nutrients to the blood occurs.  
 19. Name the "N" Factor.

20. What is between the renal capsule and the renal Medulla?  
 21. what is the common name for the third and final set of molars that most people develop?  
 23. what muscle moves downward and creates suction drawing in air?  
 24. Iron holds what kind of charge?  
 25. what is the name for the protein that acts as a biological catalyst?  
 27. What is the largest organ of the body?  
 31. The molecule hemoglobin, is used in which type of cell?  
 32. which part of the cell is responsible for packing and transporting substances made in the cell?  
 33. Epinephrine is produced by what gland?  
 34. Which acid forms ions and salts?  
 38. What does the diaphragm do when you exhale?  
 39. which stimulating hormone stimulates the synthesis of skin pigment?  
 40. In humans, what is the only internal organ capable of regenerating lost tissue?