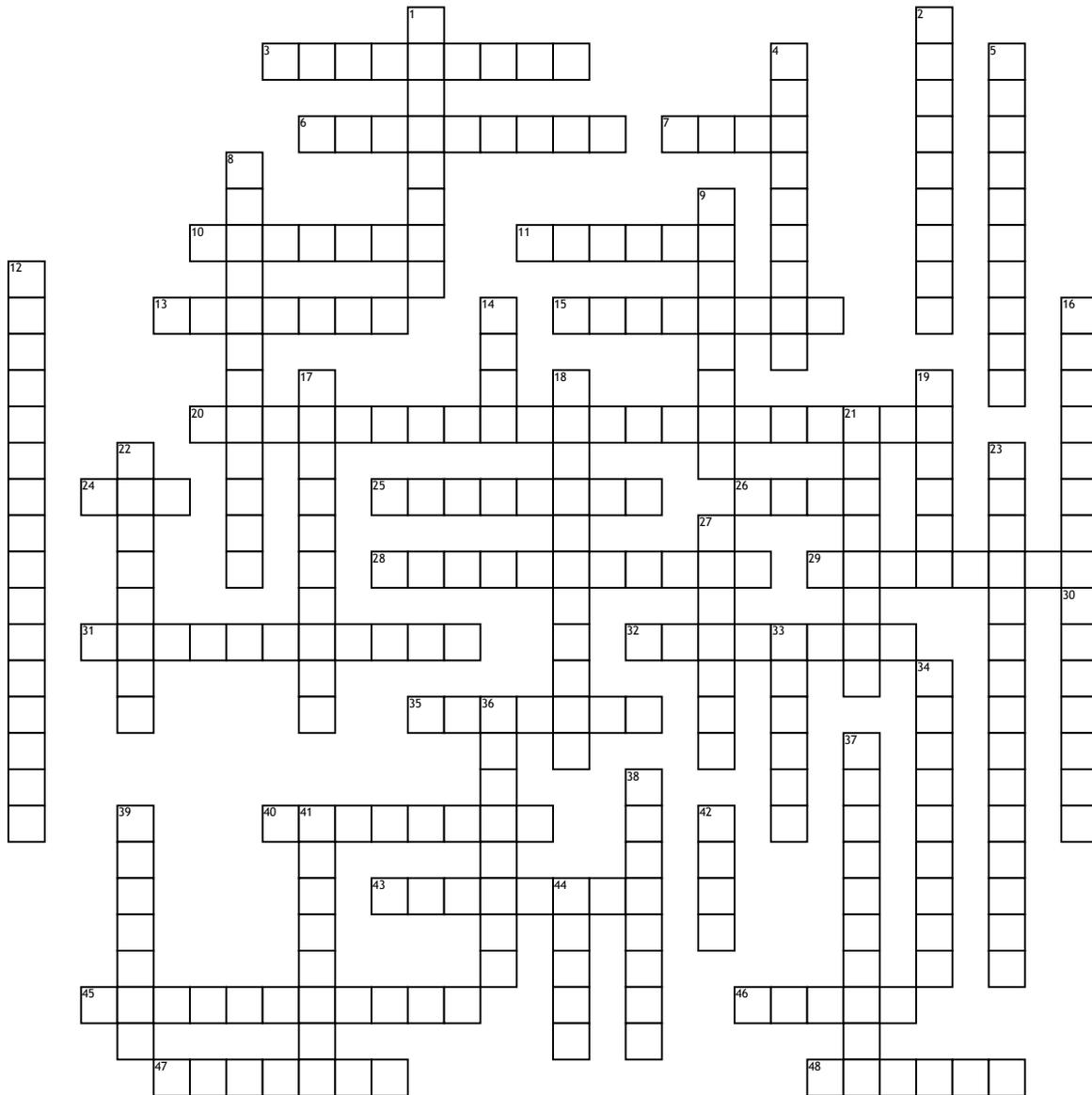


# Chemistry Review Plus



## Across

3. Monomer of proteins  
 6. Stored energy  
 7. Solution with high number of H+  
 10. Cavity containing the brain  
 11. Positively charged subatomic particle  
 13. Atom of same element that differs in number of neutrons compared with other atoms of the element  
 15. Provides body construction materials; controls body functions; includes hormones  
 20. High-energy chemical used for energy in organisms  
 24. Positively or negatively charged atom  
 25. Element or compound that enters into a chemical reaction  
 26. Ionic compound not containing H+ or OH-  
 28. Maintaining stable internal conditions  
 29. Lengthwise cut dividing anterior and posterior halves; aka coronal  
 31. Carbon compound that stores and transmits genetic information  
 32. Negatively charged subatomic particle  
 35. The center of the atom  
 40. Close to the origin of the body part  
 43. Toward the head; above  
 45. Toward or at the body surface

46. Part of cell membrane structure; also provides long term energy as well as being a steroid  
 47. Outermost layer or shell of electrons

48. Toward the middle of the body

## Down

1. Formed from 2+ atoms combined  
 2. System that returns fluids to the bloodstream  
 4. System that produces hormones that control body functions  
 5. Cut that divides superior and inferior halves of the body  
 8. Provides body with quick energy  
 9. Away from the head; below  
 12. Ability to absorb or release large amounts of heat (3 words)  
 14. Solution with pH higher than 7  
 16. Substance formed by the chemical combination of two or more elements in definite proportions  
 17. Standing position where arms are downward and palms face out  
 18. Made of different organs that work together  
 19. Lengthwise cut dividing body into left and right halves; aka midsagittal  
 21. Toward the front of the body  
 22. Formed when 2+ different atoms combine  
 23. Contain carbon

27. The energy of movement  
 30. Substance that cannot be broken down into simpler substances  
 33. Made of similar cells  
 34. Division layer between lungs and abdomen  
 36. Bond formed when electrons are shared between atoms  
 37. A monomer of nucleic acids  
 38. Weak bond formed with hydrogen atom  
 39. System that includes the brain and spinal column  
 41. Process that changes one set of chemicals into another  
 42. Basic unit of matter  
 44. Bond formed when one or more electrons are transferred from one atom to another