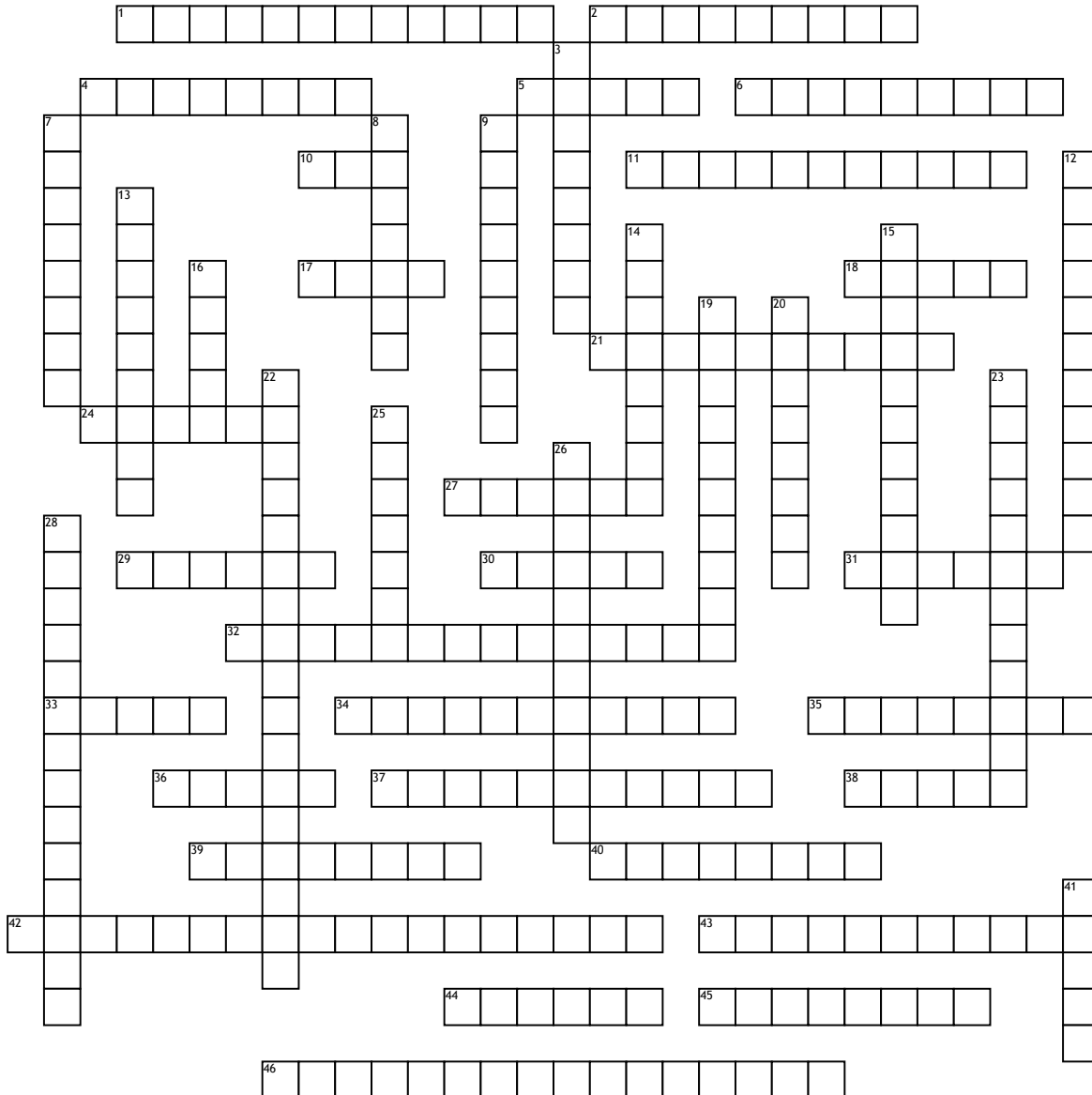


science



Across

1. special chart that helps us organize the result of a cross between the sex cells of two individuals
2. observable traits of an organism
4. passing on of traits from parents to offspring
5. a person who provides blood for transfusion, semen for insemination, or an organ or tissue for transplantation
6. carried by a sex chromosome
10. It is the carrier of genetic information
11. the action of copying or reproducing something
17. a molecule or other entity that can donate a proton or accept an electron pair in reactions
18. a personality type characterized as easygoing and thought to have low susceptibility to stress
21. a medical condition in which the ability of the blood to clot is severely reduced
24. an insoluble protein formed from fibrinogen during the clotting of blood
27. pair of genes
29. a colorless crystalline compound with basic properties
30. an infective agent that typically consists of a nucleic acid molecule in a protein coat
31. an organism, typically a biting insect or tick, that transmits a disease or parasite from one animal or plant to another
32. a person with mental disabilities

33. the red liquid that circulates in the arteries and veins of humans and other vertebrate animals, carrying oxygen to and carbon dioxide from the tissues of the body
34. a compound consisting of a nucleoside linked to a phosphate group
35. a blood protein produced in response to and counteracting a specific antigen
36. a distinguishing quality or characteristic
37. long thread of materials found inside the nucleus
38. sections of chromosomes
39. a compound found in living tissue as a constituent base of nucleic acids
40. the study of heredity and the variation of inherited characteristics
42. a self-replicating material which is present in nearly all living organisms
43. the extent to which something is probable; the likelihood of something happening or being the case
44. a mature haploid male or female germ cell which is able to unite with another of the opposite sex in sexual reproduction to form a zygote
45. an individual animal, plant, or single-celled life form
46. a pair of complementary bases in a double-stranded nucleic acid molecule

Down

3. traits that mask the presence of the other trait
7. alleles that an organism contains for a particular trait

8. a person or animal that transmits a disease-causing organism to others
9. another term for blood group
12. a thing that is inherited
13. relating to or denoting heritable characteristics controlled by genes that are expressed in offspring only when inherited from both parents
14. a group of atoms bonded together
15. another colorless crystalline compound with basic properties
16. any of the class of soluble, crystalline, typically sweet-tasting carbohydrates found in living tissues and exemplified by glucose and sucrose
19. term used to describe the genotype of an organism containing two alleles that are the same
20. a salt or ester of phosphoric acid
22. another term for genetic fingerprinting
23. term used to describe the genotype of an organism that contains two different alleles
25. a complex organic substance present in living cells, especially DNA or RNA, whose molecules consist of many nucleotides linked in a long chain
26. the action or state of setting someone or something apart from other people or things or being set apart
28. inability to distinguish certain colors
41. a personality type characterized by ambition, high energy, and competitiveness, and thought to be susceptible to stress and heart disease