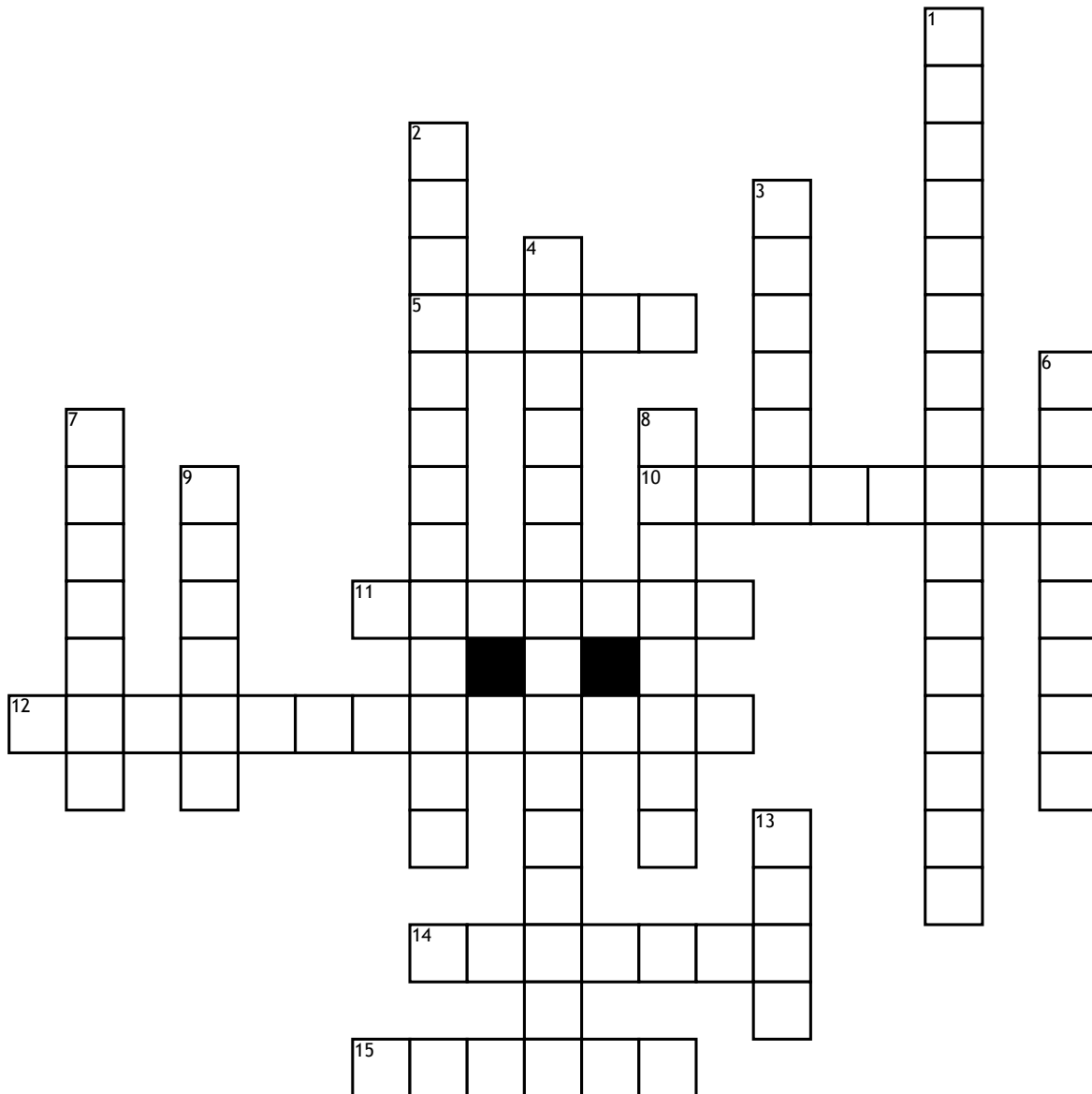


Science Contract #6



Across

- 5. A distinguishing quality or characteristic
- 10. Negatively charged particle of an atom
- 11. Male and female sex cells
- 12. Current has only one loop to flow through
- 14. Neutral particle of an atom
- 15. Positively charged particle of an atom

Down

- 1. Every organism has two alleles of each gene and when gametes are produced the alleles separate.
- 2. Occurs when the male and female reproductive cells join
- 3. A diploid cell resulting from the fusion of two haploid gametes; a fertilized egg
- 4. Contains two or more branches for current to flow through

- 6. The Scientific Study of heredity
- 7. Different forms of genes
- 8. The passing on of characteristics from parents to offspring
- 9. Factors that determine traits
- 13. A unit of heredity that is transferred from a parent to offspring