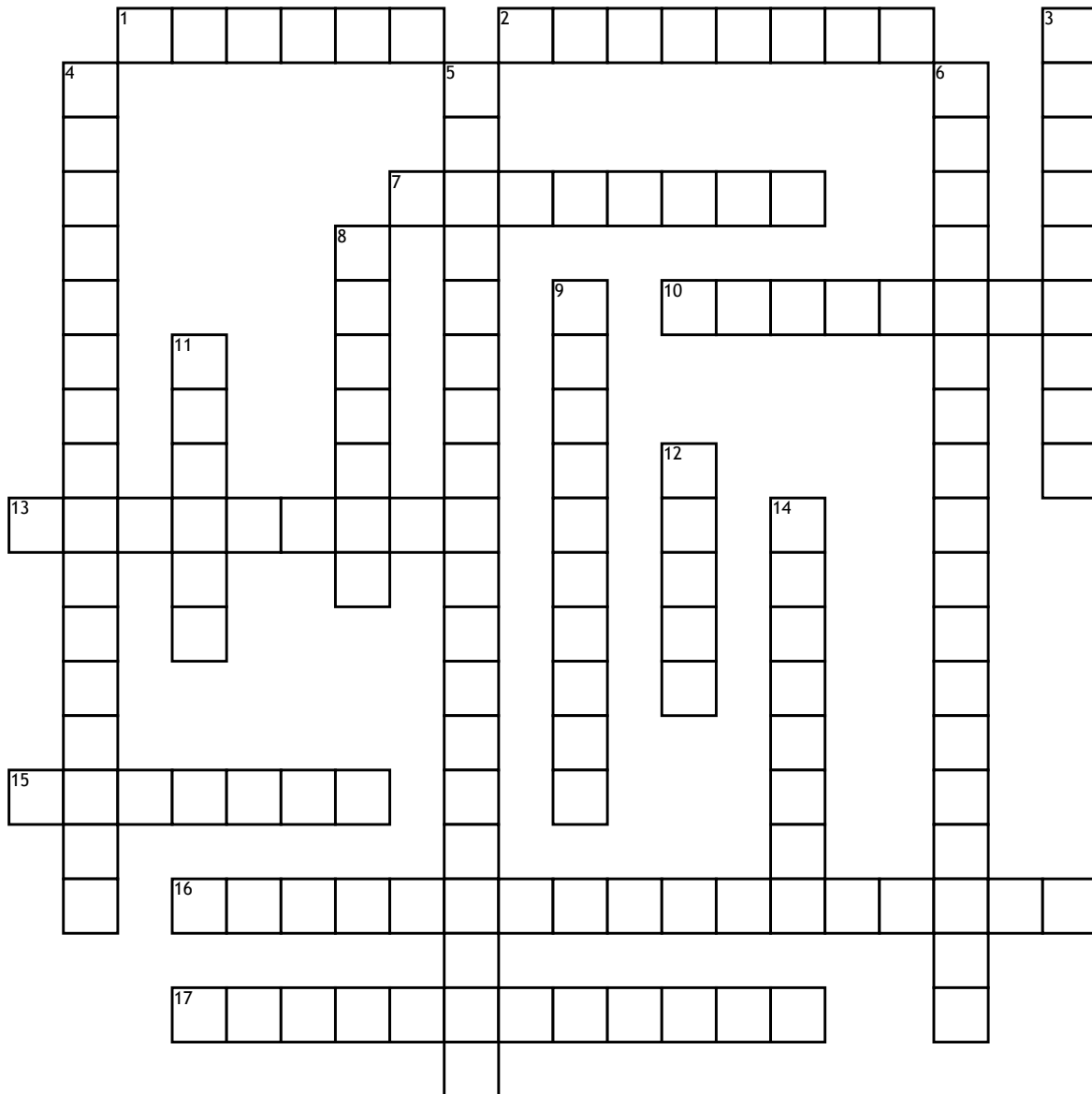


Genetics



Across

1. offspring formed by parents having different forms of a specific trait
2. branch of biology that studies heredity
7. passing on of characteristics from parents to offspring
10. observed trait of an organism that mask the recessive form of a trait
13. trait of an organism that can be masked by the dominant form of a trait
15. cell with two of each kind of chromosome

16. the intentional mating of two animals in an attempt to produce offspring with desirable characteristics

17. when there are two different alleles for a trait

Down

3. outward appearance of an organism, regardless of its genes
4. a natural process resulting in the evolution of organisms best adapted to the environment
5. reproduction involving one organism resulting in identical offspring

6. reproduction involving two organisms resulting in a diverse offspring

8. cell with one of each kind of chromosome

9. when there are two identical alleles for a trait

11. alternative forms of a gene for each variation of a trait of an organism

12. characteristic that is inherited

14. combination of genes in an organism