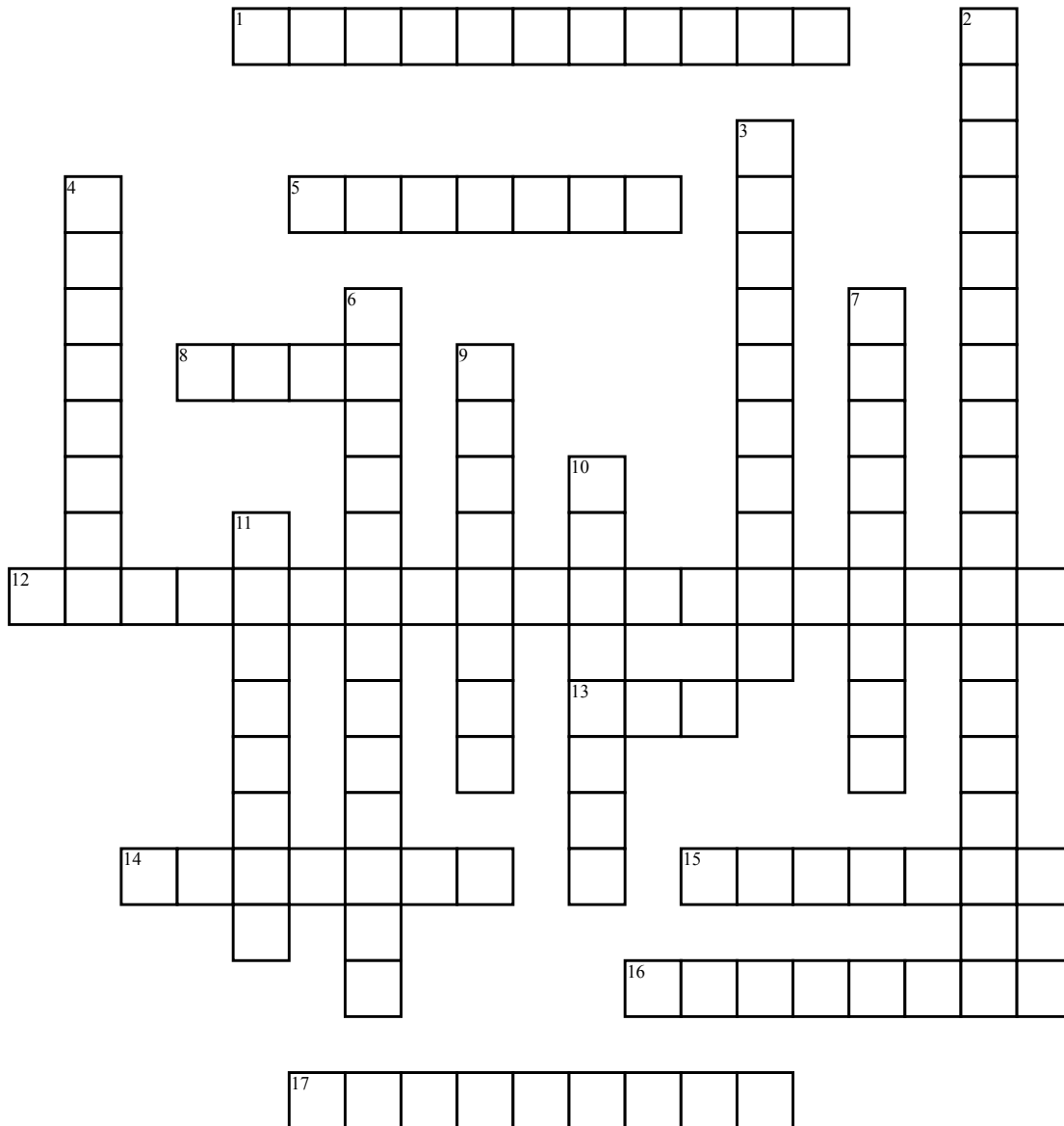


Name: \_\_\_\_\_

# genetics



## Across

- 1. pair of genes when one is dominant and one is recessive
- 5. the cell division process in which DNA in the nucleus is duplicated
- 8. small section of DNA on a chromosome that carries information about a trait
- 12. a type of reproduction such as budding or regeneration in which a new organism is produced from a part of another organism by the process of mitosis
- 13. deoxyribonucleic acid, a chemical inside cells

- 14. making copies of organisms each of which is a clone that receives DNA from only one parent
- 15. the process in which sex cells are formed in a reproductive organism
- 16. gene that expresses an organism's traits
- 17. gene that shows if offspring got the trait from both parents

## Down

- 2. a type of reproduction in which a new organism is produced from DNA
- 3. when an individual has two of the same alleles
- 4. study of how traits are passed from parent to offspring?

- 6. process in which sperm and egg join resulting in a new organism
- 7. inherited trait that makes an individual different from other members of the same species and results
- 9. specialized cells, female eggs and male sperm, are produced by meiosis and carry DNA joined in sexual reproduction
- 10. the passing on of traits from parents to offspring?
- 11. a change in a gene or chromosome that can result from something in the environment or an error in mitosis