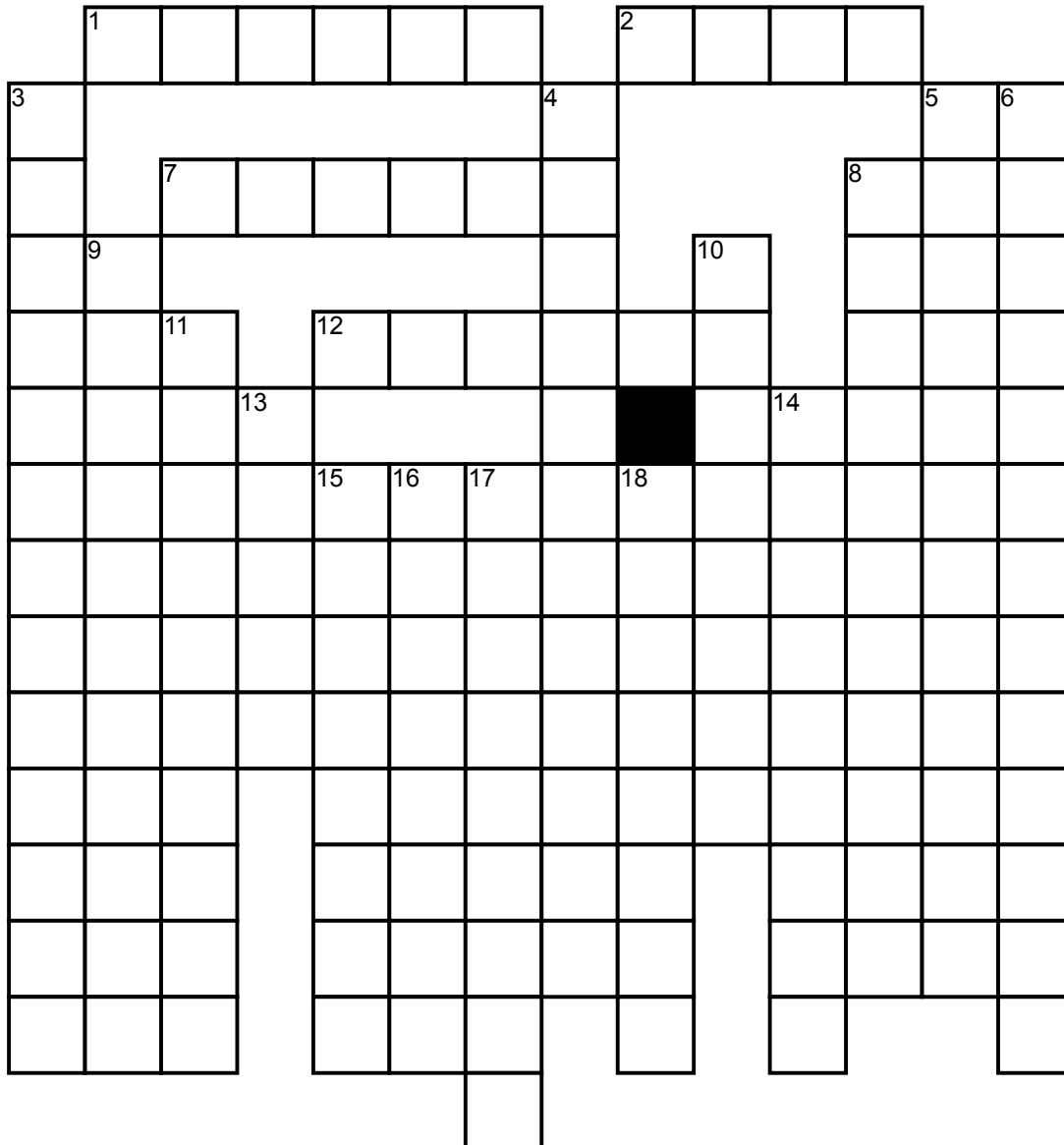


Name: _____

Date: _____

genetics



Across

- 1. An organism that is the offspring of two parents that differ in one or more inheritable characteristics
- 2. segment of DNA, occupying a specific place on a chromosome
- 7. A cell whose nucleus unites with that of another cell to form a new organism
- 12. Any of the possible forms in which a gene for a specific trait can occur

Down

- 3. a type of grid used to show the gametes of each parent and their possible offspring

- 4. having dissimilar pairs of genes for any hereditary characteristic

- 5. sometimes also called a purebred, is an organism that always passes down certain phenotypic traits
- 6. reproductive cells having a single, haploid set of chromosomes
- 8. the formation of unique gametes from the genotype of the parents
- 9. A number expressing the likelihood of the occurrence of a given event
- 10. the science of heredity, dealing with resemblances
- 11. having identical pairs of genes for any given pair of hereditary characteristics

- 13. genetically determined characteristic or condition

- 14. that one of a pair of alternative alleles whose effect is masked by the activity of the second when both are present in the same cell or organism.
- 15. the genetic makeup of an organism or group of organisms with reference to a single trait
- 16. the one of a pair of alternative alleles that masks the effect of the other when both are present in the same cell or organism.
- 17. the observable constitution of an organism
- 18. the transmission of genetic characters from parents to offspring