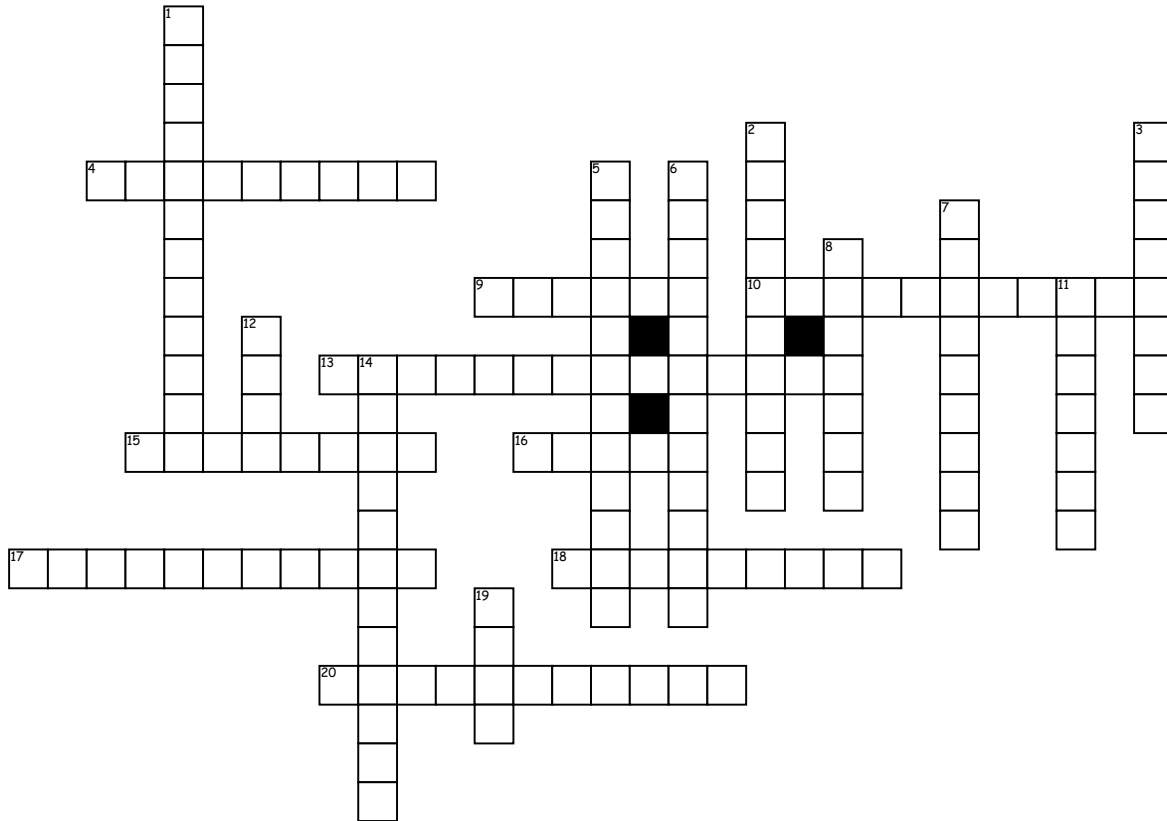


# Heredity Vocab Homework



## Across

4. the observable traits of an organism passed on from parent to offspring
9. one member of a pair or series of genes on specific chromosomes in specific positions
10. in scientific research, the repetition of an experiment to confirm findings or to ensure accuracy; in life science the duplication of an organism, a cell, or genetic material within a cell
13. a feature of an organism; something you can observe about an organism
15. the passing of traits from parent to offspring
16. a characteristic or property of an organism

17. the transfer of pollen from the stamen (male) to the stigma (female)

18. being in control; controlling the outcome

20. in genetics, this is the first set of individuals crossed with one another; the "parental" generation

## Down

1. the passing of traits from parent to offspring
2. a group of related organisms making up a single step in the line of descent
3. a genetic trait passed from parent to child that is more likely to be expressed
5. the first generations of offspring of a genetic cross

6. a genetically determined condition or characteristic

7. a genetic trait that lacks the ability to manifest itself when a dominant gene is present

8. a group of organisms that share similar characteristics and can mate with each other to produce offspring

11. to receive genetic information and traits from a parent or parents

12. the basic unit of heredity in a living organism; a segment of DNA or RNA

14. having different pairs of genes for any given pair of hereditary characteristics

19. a plant structure that contains a young plant, food supply, and protective coating