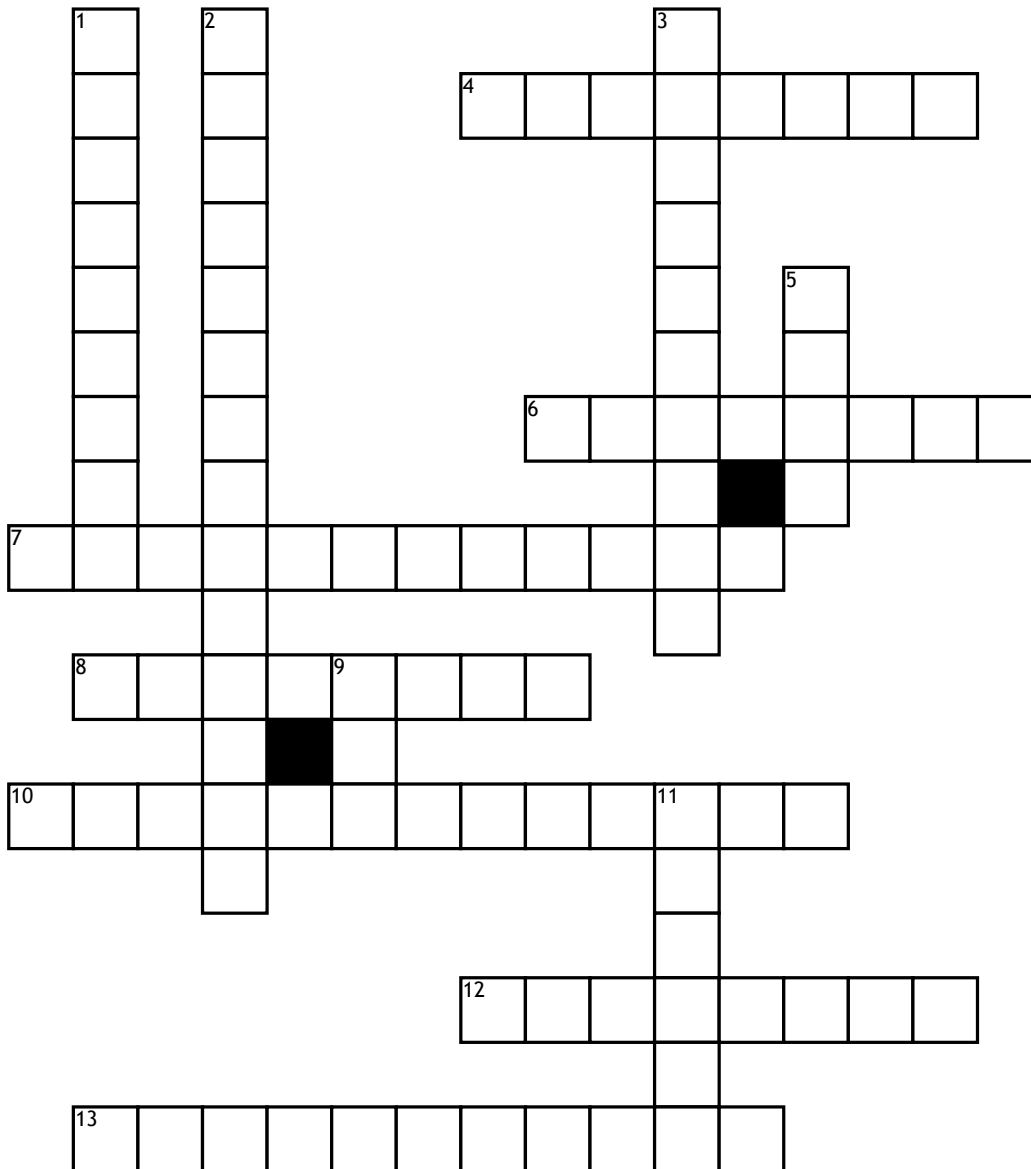


Name: _____ Date: _____ Period: _____

Sunny



Across

4. the genetic constitution of an individual organism.

6. the observable constitution of an

7. having dissimilar pairs of genes for any hereditary characteristic

8. the passing on of physical or mental characteristics genetically from one generation to another

10. a trait that will appear in the offspring if one of the parents contributes it.

12. the science of heredity, dealing with resemblances and differences of related organisms resulting from the interaction of their genes and the environment.

13. a threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes

Down

1. the observable constitution of an organism.

2. a trait that must be contributed by both parents in order to appear in the offspring

3. having identical pairs of genes for any given pair of hereditary characteristics.

5. a unit of heredity that is transferred from a parent to offspring and is held to determine some characteristic of the offspring

9. deoxyribonucleic acid, a self-replicating material present in nearly all living organisms as the main constituent of chromosomes

11. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.