

Name: _____ Date: _____

Matching Biology Vocab.

- | | |
|--|------------------------------|
| 1. One of two or more alternate forms/ versions of a particular gene | A. Cross Pollinated |
| 2. Plants whose pollen is artificially transferred to another plant | B. F1 Generation |
| 3. Offspring of the P generation | C. Hybrid |
| 4. The process of plants making food ($6\text{H}_2\text{O} + 6\text{CO}_2 + \text{light} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$) | D. Homozygous |
| 5. A segment of DNA that is responsible for the physical/inherited trait of an individual | E. Trait |
| 6. The gene/alleles combination an organism contains | F. Transcription |
| 7. Type of genotype in which an individual has 2 different alleles for a gene | G. Purebred or True Breeding |
| 8. Type of genotype in which an individual has 2 of the same allele for a gene | H. Allele |
| 9. An organism that has two different alleles or forms of a trait (Ex: tall-short, red-blue) | I. Mutation |
| 10. Living components of the environment and include all the living things that affect the organism | J. Biotic Factors |
| 11. The way an organism looks and behaves- the physical appearance of the individual | K. Photosynthesis |
| 12. Organisms that have one specific trait | L. Genotype |
| 13. Any random change in the DNA | M. Heterozygous |
| 14. A feature that an organism displays that is inherited | N. Gene |
| 15. The process of forming a short strand of mRNA from one gene on a long DNA strand | O. Phenotype |