Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_\_

**Genetics Vocabulary Quiz**

|  |
| --- |
|  |

|  |  |  |
| --- | --- | --- |
| 1. Allele | \_\_\_\_\_\_\_\_ | 1. The way the characteristic looks (expressed). |
| 1. Characteristic | \_\_\_\_\_\_\_\_ | 1. A gene that produces a characteristic in an organism when one or more copies are present |
| 1. Chromosome | \_\_\_\_\_\_\_\_ | 1. A gene that produces a characteristic in an organism only when two copies are present. |
| 1. Cross | \_\_\_\_\_\_\_\_ | 1. Section of DNA that codes for a specific Protein |
| 1. Diploid | \_\_\_\_\_\_\_\_ | 1. A SINGLE set of UNPAIRED chromosomes found in Gametes (sex cells) |
| 1. DNA | \_\_\_\_\_\_\_\_ | 1. Nucleic Acid coding instructions to make proteins |
| 1. Dominant gene | \_\_\_\_\_\_\_\_ | 1. A version of a characteristic |
| 1. Gene | \_\_\_\_\_\_\_\_ | 1. A DOUBLE set (PAIR) of chromosomes found in Somatic cells (body cells) |
| 1. Genotype | \_\_\_\_\_\_\_\_ | 1. A math tool used to determine all of the possible results from a genetic cross. |
| 1. Haploid | \_\_\_\_\_\_\_\_ | 1. Having two identical copies of a specific allele (version).   For example, two TALL alleles for the height characteristic. |
| 1. Heterozygous | \_\_\_\_\_\_\_\_ | 1. Strand of DNA that contains a collection of Genes |
| 1. Homozygous | \_\_\_\_\_\_\_\_ | 1. The way the characteristic is coded with the alleles. |
| 1. Phenotype | \_\_\_\_\_\_\_\_ | 1. A quality of an individual that we can see or measure |
| 1. Punnett Square | \_\_\_\_\_\_\_\_ | 1. Breeding two individuals (represented with an x; (male x female) |
| 1. Recessive gene | \_\_\_\_\_\_\_\_ | 1. Having two different copies of a specific allele (version). For example, one TALL allele and one short allele for height characteristic. |