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

**Genetics Vocabulary Quiz**

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| 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.
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