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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Hereditary

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| **1.** The visual appearance of the chromosomes in the cell | **A.** Hereditary |
| **2.** A type of gene that arises by mutations and are found at the same place on a chromosome | **B.** Heterozygous |
| **3.** Knowing what the trait is before the baby is born | **C.** Mutation |
| **4.** All living things are made from it. | **D.** Trait |
| **5.** The passing from parents to offspring | **E.** Allele |
| **6.** The genetic constitution of an individual organism | **F.** Punnet Square |
| **7.** A square diagram that helps calculate different genotype | **G.** Genotype |
| **8.** The changing of the structure of a gene | **H.** Gene |
| **9.**  A genetically determined characteristic. | **I.** RNA |
| **10.** Having two different alleles of a particular gene or genes | **J.** DNA |
| **11.** A unit of heredity which is transferred from a parent to offspring and is held to determine some characteristic of the offspring | **K.** Mendel |
| **12.** Pertaining to a chromosome that is not a sex chromosome | **L.** Chromosome |
| **13.** ribonucleic acid, a nucleic acid present in all living cells | **M.** Karyotype |
| **14.** having two identical alleles of a particular gene or genes. | **N.** Autosomal |
| **15.** a threadlike structure of nucleic acids and protein found in the nucleus | **O.** Homozygous |