

Heredity Quiz Study Guide

1. Be able to define and distinguish between:
 - DNA
 - Chromosomes
 - Genes
 - Alleles
2. Be able to identify whether alleles are homozygous or heterozygous.
3. Be able to explain what it means if alleles are dominant or recessive.
4. Identify potential environmental causes of gene mutations.
5. Identify some differences between mitosis and meiosis.
6. Describe how a pedigree chart works.
7. Be able to fill out a Punnett square and understand probabilities of different traits showing up in offspring.
8. Explain the difference between genotype and phenotype.