

Genetics: Genotype and Phenotype

Matching:

- | | Heterozygous | Phenotype | Recessive Genes |
|----|--------------|----------------------------------------------------------------------------|-----------------|
| | Genotype | Homozygous | Dominant Genes |
| 1. | _____ | - two alleles of the same type are present (BB or bb) | |
| 2. | _____ | - refers to the exact pairing of alleles | |
| 3. | _____ | - the expression of the trait | |
| 4. | _____ | - one dominant allele and one recessive allele (Bb) | |
| 5. | _____ | - mask the effects of the recessive genes | |
| 6. | _____ | - only expressed when two sets of genes are received by the fertilized egg | |

Multiple Choice:

- Where can you find the genes that are passed on from parent to their children?
 - Alleles
 - DNA
 - Recessive Genes
- What percentage of your genes do you get from only 1 parent?
 - 20%
 - 80%
 - 50%
- What are the two types of genes?
 - Thick and Thin
 - Dominant and Recessive
 - Big and Small
- What is used to understand many genetic disorders?
 - Genetics
 - Characteristics
 - Social Background
- Different genes have different _____.
 - Sizes
 - Functions
 - Colors