

Name: _____

Genetics Vocabulary Review

Directions: Choose the correct vocabulary term for each definition below from the word bank. Place your answers on the line for each question. Each word will be used one time only.

1. The scientific study of heredity. _____
2. The passing of physical characteristics from parents to offspring. _____
3. Specific, physical characteristics that can be observed using senses. _____
4. The allele that will always show up if it is present. _____
5. The allele that is hidden in the presence of the dominant allele. _____
6. The factors that control the traits you express. (Sections of DNA) _____
7. All of the different forms of a gene or trait. _____
8. The genetic make up of an organism - its combination of alleles. _____
9. The physical appearance of an organism or trait. _____
10. Strands of genetic information that contain the instructions for life
- found in nucleus of the cell. _____
11. An organism that has two identical alleles for a trait. _____
12. An organism that has two different alleles for a trait. _____
13. A type of cell division that creates identical body cells. _____
14. A type of cell division that produces sex cells that have half the
number of chromosomes as the original cell. _____
15. A tool that will show all of the possible outcomes of a genetic cross. _____

Word Bank				
Genotype	Phenotype	Alleles	Dominant	Recessive
Traits	Genetics	Punnett Square	Purebred	Hybrid
Heredity	Mitosis	Genes	Meiosis	DNA

Directions: Choose the best answer for each description using the choices provided.

16. Having the same alleles for a trait (Examples: TT and tt) Homozygous or Heterozygous
17. Having different alleles for a trait (Examples: Tt) Homozygous or Heterozygous
18. A capital letter represents this allele (Example: T) Dominant or Recessive
19. A lowercase letter represents this allele (Example: t) Dominant or Recessive
20. Stating you have brown eyes and blonde hair is stating this. Genotype or Phenotype

