

Name: _____ Date: _____ Period: _____

Heredity and Genetics

1. The passing of traits from parents to offspring
 2. The study of heredity
 3. A chart to show traits/diseases passing through generations
 4. An organism's child or children
 5. A change or mistake in the sequence of RNA or DNA
 6. Mutations in DNA that can cause diseases or disorders
 7. An extra, missing, or irregular chromosome
 8. The replacement of defective genes with functional copies of the genes
 9. Traits that they get from their parents that determines what they look like
 10. Traits that organisms acquire through the environment
 11. 46-XY
 12. 46-XX
 13. When an organism has two of the same kind of gene for a trait
 14. Having two different alleles of a particular gene
 15. A chart used to show the probability of offspring inheriting a certain genotype or phenotype.
- A. Female
 - B. Heterozygous
 - C. Genetic Diseases
 - D. Males
 - E. Punnett Square
 - F. Offspring
 - G. Mutation
 - H. Chromosome Abnormalities
 - I. Inherited Traits
 - J. Pedigree
 - K. Genetics
 - L. Homozygous
 - M. Gene Therapy
 - N. Learned Traits
 - O. Heredity