

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Heredity & Genetics

1. What is heredity?
  - A. Code for traits
2. How many chromosomes do human females have?
  - B. Genetic makeup
3. How are traits passed down?
  - C. 2 of the same gene
4. What is DNA?
  - D. Passing of traits
5. What is instinct?
  - E. Shows 46 chromosomes
6. What is similar between DNA & RNA?
  - F. Physical appearance
7. What are mutagens?
  - G. Causes genetic mutation
8. What are karyotypes?
  - H. 46-XX
9. What are alleles?
  - I. 2 mutated copies
10. What is a genotype?
  - J. Reproduction
11. What is a phenotype?
  - K. Behavior that is inherited
12. what is a homozygous?
  - L. Pairs of chromosomes
13. What is a heterozygous?
  - M. Scientific laws
14. What is a mendel?
  - N. Nucleic acid
15. What is a recessive trait?
  - O. 2 different allele