

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

# Heredity

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|---|---------------------------|
| 1. Passing of traits from parents to a offspring                          | A. Asexual reproduction   |
| 2. Creation of offspring by 2 parents                                     | B. Genetic engineering    |
| 3. Creation of offspring by 1 parent                                      | C. Heredity               |
| 4. Characteristics of an organism   | D. Clones                 |
| 5. Fixed behaviors that are not learned                                   | E. Traits                 |
| 6. Segments of DNA that code for traits                                   | F. Chromosome abnormality |
| 7. A change or mistakes in the nucleotide sequence of DNA or RNA          | G. Carcinogen             |
| 8. A mutagen that causes cancer   | H. Mutation               |
| 9. The removal of one or more nucleotides in DNA or RNA                   | I. Carrier                |
| 10. The exchange of genetic parts of nonhomologous chromosomes            | J. Gene therapy           |
| 11. Individuals who have one copy of a mutated gene but are not affected  | K. Deletion               |
| 12. An extra, missing or irregular chromosome                             | L. Genes                  |
| 13. The manipulation of an organism's genome                              | M. Translocation          |
| 14. The replacement of defective genes with functional copies of the gene | N. Sexual reproduction    |
| 15. the process of creating genetically identical organisms               | O. Instincts              |