

Genetics: The Science of Heredity • Key Terms

**Key Terms**

Use the clues below to identify Key Terms from the Chapter. Write the terms below, putting one letter in each blank. When you finish, the word enclosed in the diagonal lines will reveal what Mendel studied.

**Clues**

1. The process by which the number of chromosomes is reduced by half in sex cells
2. A chart that shows all possible allele combinations resulting from a genetic cross
3. An organism's physical appearance
4. RNA that copies the coded message in DNA
5. Describes an organism that has two different alleles for a trait
6. Number that describes the likelihood that a certain event will occur
7. An allele whose trait always shows up in the organism when the allele is present
8. Physical characteristic of an organism
9. A factor that controls a trait
10. The scientific study of heredity
11. Offspring of many generations that have the same trait

1. \_\_\_\_\_

2. \_\_\_\_\_

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9. \_\_\_\_\_

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11. \_\_\_\_\_