



Name _____

Jan. 2010

Section _____

Traits and Inheritance

Chapter 5, Section 2

Read pages: 120-125 and answer the questions below. Questions 15, 20, 22, and 24 should be written using complete sentences.

- _____ 1. What ratio did Mendel find for dominant to recessive traits?
- a. 1 to 1
 - b. 2 to 1
 - c. 3 to 1
 - d. 4 to 1

A GREAT IDEA

- _____ 2. What are the instructions for an inherited trait?
- a. alleles
 - b. phenotype
 - c. albinism
 - d. genes
- _____ 3. Two forms of a gene, one from each parent, are called
- a. alleles.
 - b. phenotypes.
 - c. albinism
 - d. genes.
- _____ 4. When gene pairs are written, the dominant allele has a(n)
- a. D in front of it.
 - b. capital letter.
 - c. bold letter.
 - d. underlined letter.
- _____ 5. The genotype Pp can also be written
- a. pP
 - b. pp
 - c. PP
 - d. Ppp
- _____ 6. When purple is dominant, the white offspring of purple and white parents will be
- a. pP
 - b. pp
 - c. PP
 - d. Ppp

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 7. used to organize possible offspring combinations
- _____ 8. an organism's appearance
- _____ 9. a plant with one dominant and one recessive gene
- _____ 10. condition that causes colorless hair, skin, and eyes
- _____ 11. a plant with either two dominant or two recessive genes
- _____ 12. genetic makeup formed from both inherited alleles together
- _____ 13. instructions for traits passed to offspring from parents

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| <ul style="list-style-type: none">a. phenotypeb. heterozygousc. genotyped. homozygouse. genesf. albinismg. Punnett square |
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