

Name _____

Date _____

Class _____

Worksheet

14

Monohybrid Cross

Basic Concepts

Use with Chapter 10, Section 10.1

1. Describe a monohybrid cross of plants.

2. Compare the appearance of the plants in the F_1 generation with those in the F_2 generation.

3. What did Mendel call the observed trait and the trait that seemed to disappear in the F_1 generation?

4. Describe the phenotype and genotype of the F_1 generation plants.

5. What are the genotypes of the short plants in the P_1 and F_2 generations?

6. Why does the trait for shortness seem to skip a generation?

7. How did Mendel explain the reappearance of shortness in the F_2 generation?

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