Name Class Date

Skills Worksheet

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Directed Reading

Section: The Origins of Genetics

Read each question, and write your answer in the space provided.

1 What did T. A. Knight discover?

2 How did Mendel's scientific work differ from the work of T. A. Knight?

3 What are three reasons the garden pea is a good subject for studying heredity?

Complete each statement by writing the correct term or phrase in the space provided.

4. A mating that considers one pair of contrasting traits is called a(n)_____cross.

5. The first two individuals that are crossed in a breeding experiment are called the _____generation.

6. In Mendel's experiment, the_____ generation was obtained by cross-pollinating the P_1 generation.

7. The_____ generation in Mendel's experiment showed both forms of the trait in a ratio of 3:1.

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