

Skills Worksheet

Directed Reading

Section: Origins of Hereditary Science

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

1. Why are Mendel's discoveries important?

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

3. Identify the three main steps for producing a monohybrid cross.

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

4. Physical features that are inherited are called _____.
5. A(n) _____ is one of several possible variations of a character.
6. The first group of parents that are crossed in a breeding experiment is called the _____ generation.
7. In Mendel's experiment, the _____ generation was obtained by cross-pollinating the P generation.
8. The _____ generation in Mendel's experiment showed both forms of the trait in a ratio of 3:1.