

Name: _____ Date: _____ Sec: _____

Worksheet #1 - *Mendelian Principles of Genetics*

Answer all of the following questions in the spaces provided. Be sure to write complete sentences for full credit.

1. What is the difference between *inheritance* and *heredity*?

2. What does it mean when pea plants are described as true-breeding?

3. To perform his experiments, how did Mendel prevent pea flowers from self-pollinating and control their cross-pollination?

4. State the Principle of Dominance IN YOUR OWN WORDS. Give an example.

5. How did Mendel find out whether the recessive alleles were still present in the F1 plants?
