

Name _____

Heredity: Virtual Lab Conclusions

Directions: Answer the questions using complete sentences.

1. Explain the difference between a phenotype and a genotype. Provide an example to support your answer.

2. In pea plants, purple flower color (**P**) is a dominant allele while white flower color (**p**) is a recessive allele. If a pea plant has a genotype **Pp**, what is the phenotype? Explain how you know.

3. Using the same information from Question #2, what must the genotype of a white flower be? Explain how you know.