

Name _____ Class _____ Date _____

Chapter 13 Genetic Engineering

Section Review 13-1

Reviewing Key Concepts

Completion On the lines provided, complete the following sentences using these terms: mutations, generation, organisms, selective breeding, genetic variation, traits, and genetic variability.

In the process of _____, animals are bred to produce
desired _____ in the next _____ of
_____, such as dogs and horses.

Breeders can increase the _____ in a population by
inducing _____, which are the source of _____.

Reviewing Key Skills

8. **Applying Concepts** How can hybridization be used to produce plants with characteristics needed to increase food production?

9. **Comparing and Contrasting** Describe a benefit and a drawback of inbreeding.

10. **Inferring** Explain why offspring of plants exposed to radiation may have characteristics not found in the original population.
