**Genetics and Medical Uses**

1. Explain Estrous Synchronization and give some benefits of using this method in your goat herd.

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1. The estrous cycles of goats are stimulated to begin when the days are becoming **\_\_\_\_\_\_\_\_\_\_** in the late **\_\_\_\_\_\_\_\_\_\_\_\_\_** and fall.
2. What is the key reproductive hormone that is used to stimulate the growth of multiple follicles on the egg?

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1. Explain what ETA is.

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1. Where does an animal get its genes from?

**\_\_\_\_\_\_**% from parents

**\_\_\_\_\_\_**% from grandparents

**\_\_\_\_\_\_**% from great grandparents

1. Find the genotype and phenotype of the following where the Doe is **Rr** and the Buck is **Rr**.

Genotype:

Phenotype:

1. What does “withdrawal time” refer to?

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1. Label the parts of a Medication Label:

