4-H Goat Project

Jasper County
Record Sheet A
Grade 12

Name:_____ 4-H Club_____

Reproductive Management and Genetics

1. Describe the function of 4 female hormones:

   Hormone:_____ Function:_____

   Hormone:_____ Function:_____

   Hormone:_____ Function: _____

   Hormone:_____ Function:_____

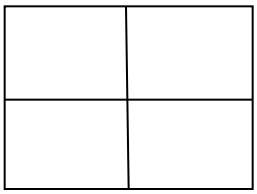
2. Match the following:

_____ Embryo	A. Duct that carries the sperm from the epididymis
_____ Estrus	B. Act of giving birth to young
_____ Fetus	C. A newly fertilized egg
_____ Gonad	D. Muscle that closes off the uterus
_____ Parturition	E. Duct through which the sperm and urine travel
_____ Epididymis	F. The unborn lamb from embryo to birth
_____ Urethra	G. The external part of the reproductive system
_____ Vas Deferens	H. Germ cell producing tissue
_____ Cervix	I. Period that the female will allow the male to mate
_____ Vulva	J. Duct that collects and stores sperm

3. The birth of an animal where the rear legs are coming first instead of head or front feet first is known as a _____ birth. Is assistance needed with this type of birth? _____

4. Where does an animal get its genes from?
   _____% from parents _____% from grandparents _____% great grandparents

5. Find the genotype and phenotype of the offspring of the following: Doe→Rr Buck→rr



Genotype:

Phenotype:

6. Does that are healthy and well managed nutritionally can be bred when? _____

7. An estrous cycle typically occurs every _____days.

8. Embryo transfer is a complex process to perform on does. Name some important benefits of this process that would make it worthy of performing.

_____
_____
_____

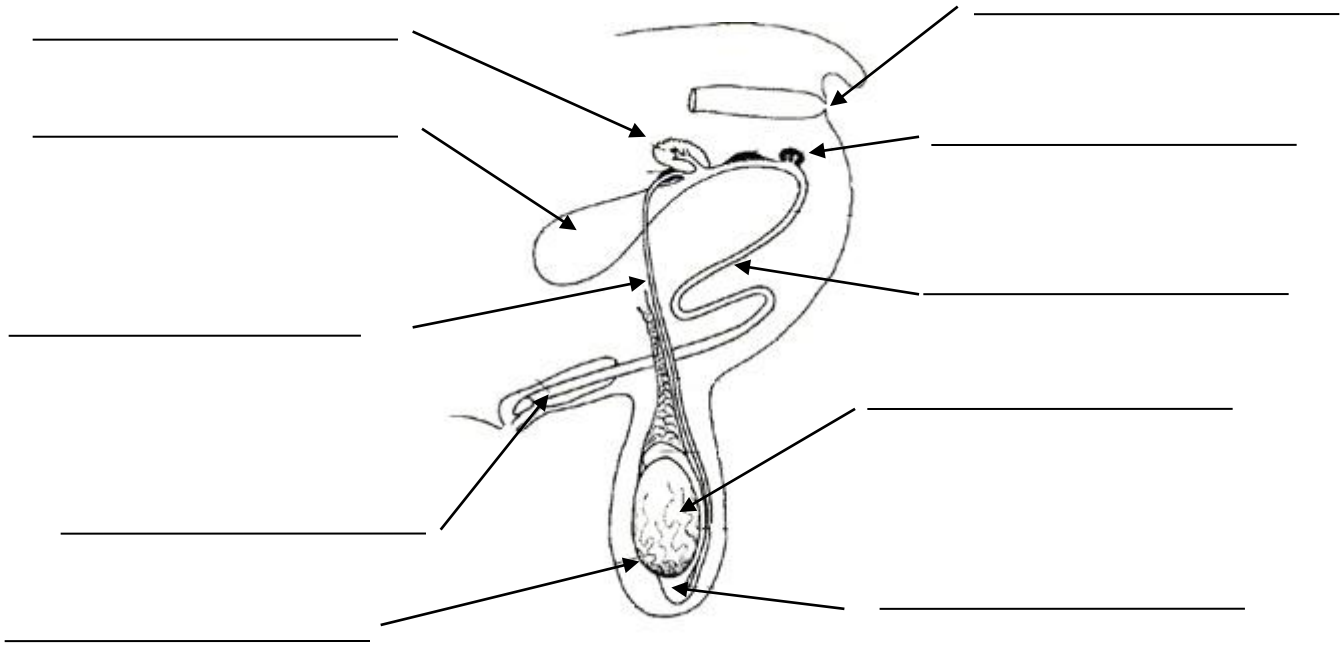
9. What are some signs of a doe approaching kidding?

_____
_____

10. Why is colostrum so important?

_____
_____

11. Identify the Following:



12. This is a paper showing the goats "family tree", birth information, and owner. _____

Answers to these questions can be found in the "Goat Resource Handbook" 4-H 135R