

# PURDUE EXTENSION BOONE COUNTY

## 4-H Utility Goat Worksheets

Grade 12-C



Name: \_\_\_\_\_

4-H Club: \_\_\_\_\_

Date: \_\_\_\_\_

### Reproductive Management

1. Match the following:

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

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

\_\_\_\_\_

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

\_\_\_\_\_

4. What are some of the signs of a doe approaching kidding?

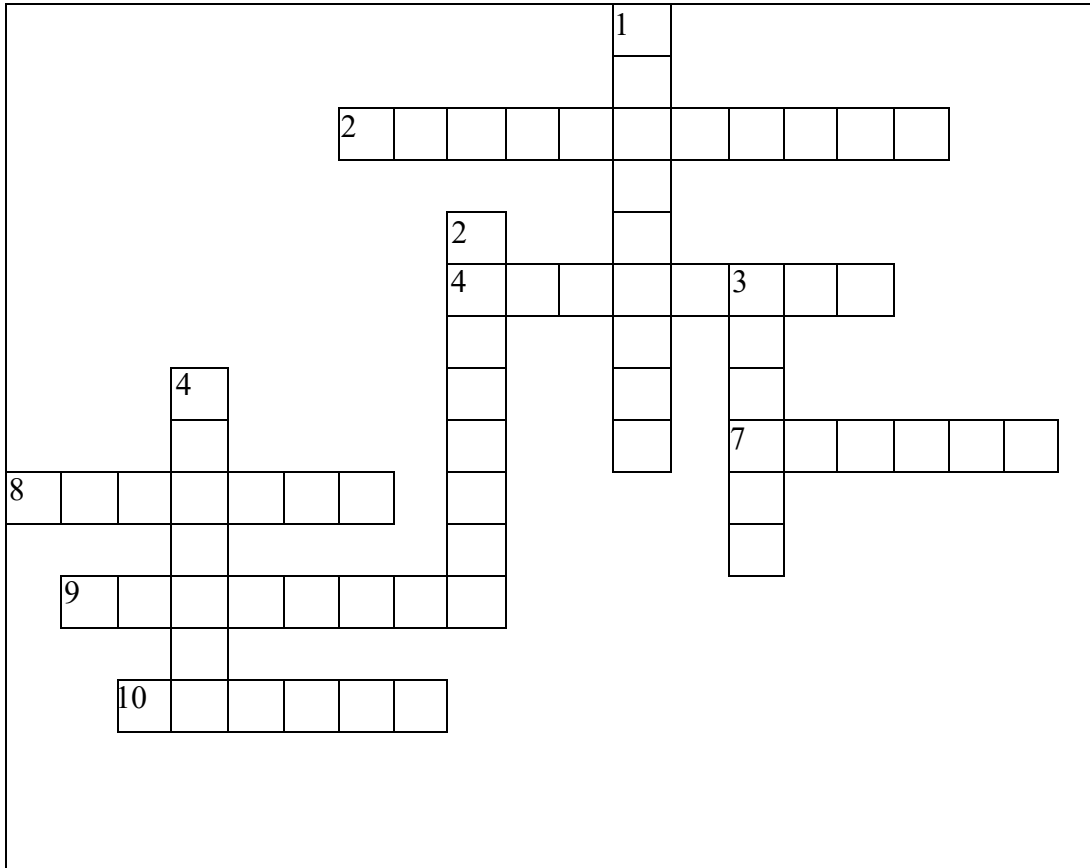
\_\_\_\_\_

5. An estrous cycle typically occurs every \_\_\_\_\_ days.

6. 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? \_\_\_\_\_

7. Complete the following:



Down:

1. First milk produced by the doe after kidding
2. Chemical compounds released into blood that control reproductive systems
3. Helps to protect the uterus
4. Produce eggs in follicles

Across:

2. Site of production
4. This hormone stimulates muscular contractions of the uterus
7. Site in which sperm is deposited during natural mating
8. Hormone which causes tissues in birth canal to relax for ease of kidding
9. Small tubes leading from each ovary to uterus
10. Period of time when the doe is receptive to mating

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