Steuben County 4-H Sheep Worksheet
Grade 10

Name: _____   4-H Club: _____

Answers to these questions can be found in the "Sheep Resource Handbook" 4-H 194 R

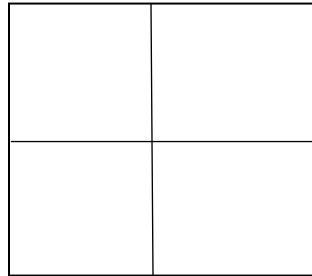Use Chapter 11 "Reproduction and Genetics" to help you with the following questions.

1. Match the following hormones to the definitions:

   _____ Estrogen   A. Maintains pregnancy

   _____ FSH   B. Allows the female to come into heat again.

   _____ GnRH   C. Causes the development of the sex organs

   _____ Progesterone   D. Stimulate the development of the ova

   _____ Prostaglandin F-2 Alpha   E. Causes the secretion of the male sex hormone

   _____ LH   F. Development of sex organs in the male

   _____ Testosterone   G. Triggers the release of FSH and LH

2. Identify the differences between outbreeding, inbreeding, and linebreeding.

   _____

   _____

   _____

3. Find the genotype and phenotype of the following:

   Ram is an RR and the Ewe is an Rr.

4. Explain how the genetic principles applies to you and selection of your 4-H sheep.

   _____

   _____

   _____

5. Define "defect" and identify three different defects that can occur in sheep.

   _____

   _____

   _____

Use Chapter 12 "Careers in Animal Science" to help you with the following questions.

6. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H sheep project that could relate to a career in the field of animal science.

_____

_____

_____

_____

7. Identify some animal science careers that are directly related to skills learned in the sheep project.

_____

_____

_____

8. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

_____

_____

_____

Use the Show Ring Ethics information on page 150 of your manual to answer the following questions:

9. Could you be a "winner" showing an animal without getting a champion ribbon? Explain.

_____

_____

_____

_____

10. What are some methods that Steuben County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.

_____

Completed (40 possible)	_____
Accuracy of answers (30 possible)	_____
Appropriate grammar (15 possible)	_____
Neatness of record (15 possible)	_____
Total	_____

A = 86-100 points
B = 71-85 points
C = 70 points or less