

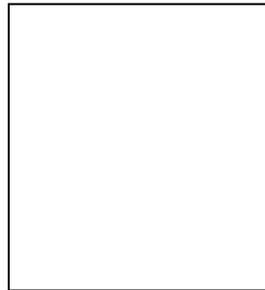


# 4-H Sheep Project

Boone County  
Record Sheet A  
Grade 10

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

1. You have a market lamb that you want to feed at 16% protein. You are mixing a 34% protein pellet with 8.9% cracked corn. You want 500 pounds of feed when you are done. Using the Pearson Square, how much of each will you need to mix to get the desired protein content?



2. You remove 8 pounds of wool from a ewe one spring. Once it is cleaned you have 4.28 pounds of clean. What is the amount of shrinkage for the wool?

3. 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

4. Where is the fat thickness on a lamb determined?

5. If you have 6 lambs weighing 75 pounds or more running freely in a pen, how big must the pen be?

6. \_\_\_\_\_ in the livestock industry is obligated to do their part to make the food industry safe.

7. Tell where the following breed's national association is located at and where they originate from:

Breed	Origin	Association
Cheviot	_____	_____
Columbia	_____	_____
Dorset	_____	_____
Finn	_____	_____
Hampshire	_____	_____
Merino	_____	_____
Rambouillet	_____	_____
Suffolk	_____	_____

8. Sheep have \_\_\_\_\_ pairs of chromosomes.

9. What are the high heritable carcass traits in sheep?

10. What are the low heritable growth traits in sheep?

11. What is the one trait area you will see little movement in your breeding program?

12. What is the difference between over the counter and prescription drugs?

13. How do you think the consumer would view the way your project is housed? Fed? Handled?

14. By percentage, what are the largest three wholesale cuts?

15. The ideal fat thickness of a lamb is \_\_\_\_\_.

16. Quality grades in lamb are based on what five things:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. If the medicine bottle says give the shot IM, what does that mean?

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