

# 4-H Goat Project

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

## Nutrition

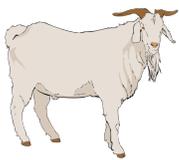
1. Explain how the rumen converts feed. \_\_\_\_\_  
\_\_\_\_\_

2. A kid's resistance to disease is influenced by the quality of \_\_\_\_\_.

3. What is the most common means of providing forage for goats? \_\_\_\_\_



4. Identify the correct part of the ruminant digestive which does the following:



- a. Mixes/Stores, serves as a fermentation vat \_\_\_\_\_
- b. Catches large particles of feed for further digestion \_\_\_\_\_
- c. Produce and secrete digestive enzymes and acids \_\_\_\_\_
- d. Squeeze and absorb water from the feed \_\_\_\_\_

5. What is a result of Vitamin C deficiency? \_\_\_\_\_

6. This Vitamin may be need to supplemented to animals that are stressed or sick. \_\_\_\_\_

7. How does a Vitamin D deficiency affect the bones/joints of an animal? \_\_\_\_\_  
\_\_\_\_\_

8. Select 2 minerals necessary in a diet of a goat and indicate the function of the mineral and ways to provide the mineral into the diet.

a. Mineral \_\_\_\_\_  
 Function \_\_\_\_\_  
 Ways to Provide in Diet \_\_\_\_\_

b. Mineral \_\_\_\_\_  
 Function \_\_\_\_\_  
 Ways to Provide in Diet \_\_\_\_\_

9. What does a buck need during the breeding season for proper nutrition?  
\_\_\_\_\_

13. Identify the Following Feed Ingredients:



A. \_\_\_\_\_



B. \_\_\_\_\_



C. \_\_\_\_\_



D. \_\_\_\_\_



E. \_\_\_\_\_



F. \_\_\_\_\_

Animals Owned

Animals Name	Breed	Sex	Date of Birth	Date Obtained

1. Expenses for the Animal(s)

Animal(s) *if purchased* \$ \_\_\_\_\_

Feed \$ \_\_\_\_\_

Bedding \$ \_\_\_\_\_

Vet \$ \_\_\_\_\_

Total Expenses \$ \_\_\_\_\_

2. Income from Animal(s) *market animals sold* \$ \_\_\_\_\_

Estimated value of animal to be sold in 4-H Auction \$ \_\_\_\_\_

Total Income \$ \_\_\_\_\_

3. Value of breeding animals

Value of your cat or dog \$ \_\_\_\_\_

Net Profit / Loss \$ \_\_\_\_\_

Member Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Leader Signature: \_\_\_\_\_