

PURDUE EXTENSION BOONE COUNTY

4-H SHEEP WORKSHEETS

Grade 10-C



Name: _____

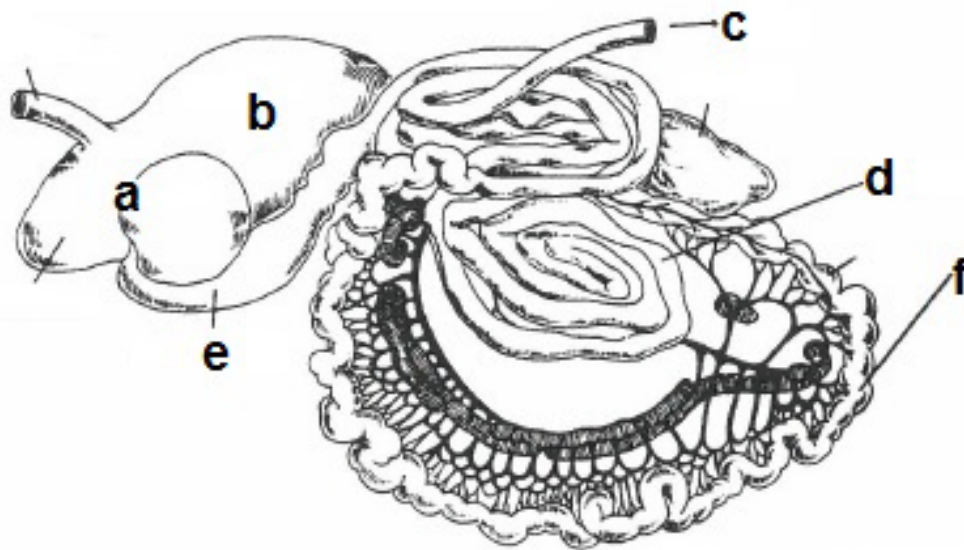
Grade: _____

Club Name: _____

Date: _____

1. Identify the parts of the sheep's digestive system labeled on the picture below.

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____



2. Where does feed start being digested? _____

3. Where are most of the nutrients absorbed? _____

4. What are the five nutrient categories?

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

Answers can be found in the OSU Sheep Resource Handbook – 4-H 194R.

5. List four important functions of water.

- a. _____
- b. _____
- c. _____
- d. _____

6. Match the following feed ingredients with their nutrient group.

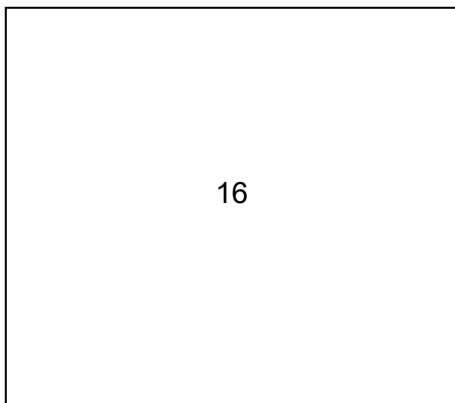
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|-------------|-------|------------------|-------|------------------------|
| a. Energy | _____ | Bone meal | _____ | Trace-mineralized salt |
| b. Minerals | _____ | Buckwheat | _____ | Urea |
| c. Proteins | _____ | Corn gluten meal | _____ | Wheat |
| d. Vitamins | _____ | Fish meal | _____ | White salt |

7. What is a balanced feed ration? _____

8. What percentage of its body weight will a young lamb eat in dry matter? _____

9. What is the square method used to determine? _____

10. You want to feed a 16% protein ration to your market lambs by mixing a protein supplement with 34% crude protein with shelled corn that contains 10% crude protein. You want 500 pounds of feed when you are done. How many pounds of corn and how many pounds of protein supplement will you need to mix to get the desired protein content?



Corn: _____

Protein Supplement: _____
