

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

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

Hour: \_\_\_\_\_

**WORKSHEET:**

**Topic # 3042**

**Nutrients**

- List two important factors in feeding livestock?
- Explain the effects of feeding an excess amount of protein in a ration?
- List the ten essential amino acids.
- Distinguish why the amino acids in question #3 are essential?
- Explain why requirements of amino acids are different from one animal to the next?
- How does a ruminant animal receive amino acids? Describe and explain the process.

- Explain why a monogastric animal can not consume urea?
- Identify four sources of protein that come from animals?
- Do you think a young animal or an old animal needs to consume more protein? Explain.
- Give examples of five vegetable protein substitutes.