WHITE COUNTY GOAT PROJECT
EDUCATIONAL ACTIVITIES
SERIES #3
LEVEL 3: GRADES 9 - 11

Name_____ **Grade**_____

Define Intramammary Infusions and describe the 7 steps of the procedure. (*Goat Resource Handbook*, pages 165, 167.)

Intramammary Infusions: _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Signature of 4-H Member_____
**Leader signature not required.*

(Committee Use Only: _____ & _____ Grade _____)

WHITE COUNTY GOAT PROJECT
EDUCATIONAL ACTIVITIES
SERIES #3
LEVEL 3: GRADES 9 - 11

Name_____ **Grade**_____

Identify the 3 roles of the mammary gland. (*Goat Resource Handbook*, page 95.)

1. _____

_____

_____

2. _____

_____

_____

3. _____

_____

_____

What is hot milk, and how can it be avoided? (*Goat Resource Handbook*, page 167.)

_____

_____

_____

_____

What is the dairy double, and how does it relate to quality assurance? (*Goat Resource Handbook*, page 163.)

_____

_____

_____

_____

Signature of 4-H Member_____

**Leader signature not required.*

(Committee Use Only: _____ & _____ Grade _____)

WHITE COUNTY GOAT PROJECT
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Name_____ **Grade**_____

Answer the following questions about balancing rations. (*Goat Resource Handbook*, pages 71-72.)

1. What is a balanced ration? _____

_____

2. How do you balance a ration? _____

_____

_____

_____

3. Why are rations formulated on a dry matter (DM) basis? _____

_____

_____

_____

4. Convert the following amount of feed from as as-fed to a DM basis using the following equation.

Amount of Feed = 10 lbs. Hay As-Fed
Percentage DM = 90%

$$\text{Pounds of Feed (DM Basis)} = \frac{\text{Pounds of Feed As-Fed X \% DM}}{100}$$

Amount of Feed DM Basis = _____

Signature of 4-H Member_____
**Leader signature not required.*

(Committee Use Only: _____ & _____ Grade _____)