

# PURDUE EXTENSION BOONE COUNTY

## 4-H Goat Worksheets

Grade 8-A



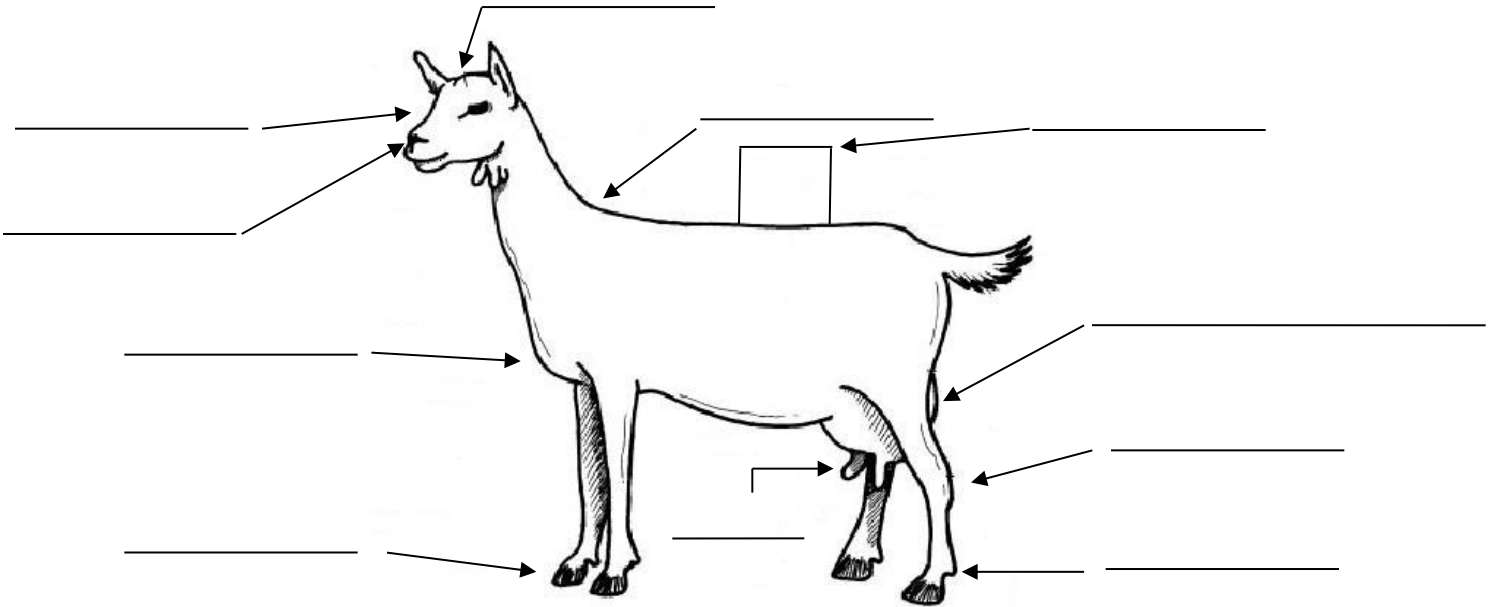
Name: \_\_\_\_\_

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

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

### Choosing An Animal

1. ID the following Parts of Goats:



2. Explain the roles of the mammary gland. \_\_\_\_\_

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

3. Explain the pathway of oxytocin release in milk letdown. \_\_\_\_\_

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

4. Once oxytocin is stimulated, full milk letdown takes how long to respond? \_\_\_\_\_

5. Draw an example of a good teat structure you would prefer in your female goats, draw an example of a poor teat structure and explain why you would not want it in your herd.

<p>Ideal Teat</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<p>Poor Teat Structure</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
	<p>What makes this example undesirable?</p> <hr/> <hr/> <hr/>

6. Explain the difference between “acute mastitis” and “chronic mastitis”. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

7. What should teats be dipped in immediately after milking? \_\_\_\_\_

8. Complete the following:

**Across**

- 4. Causes mastitis
- 5. This is known as high temp short-time pasteurization
- 6. Responsible for milk letdown

**Down**

- 1. Fight or flight hormone
- 2. Milk proteins
- 3. Infection of the mammary gland
- 4. Act of giving birth to young