**Choosing An Animal**

1. ID the following Parts of Goats:



1. Explain the roles of the mammary gland. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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2. Explain the pathway of oxytocin release in milk letdown. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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3. Once oxytocin is stimulated, full milk letdown takes how long to respond? \_\_\_\_\_\_\_\_\_\_\_
4. 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.

Ideal Teat Poor Teat Structure

What makes this example undesirable?
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1. Explain the difference between “acute mastitis” and “chronic mastitis”. \_\_\_\_\_\_\_\_\_\_\_\_\_
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2. What should teats be dipped in immediately after milking? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. 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