4-H Dairy Cattle Project Report

Members 12-14 Years Old

Reference Material: The following reference materials are available at the St. Joseph County MSU Extension office – *Learning About Dairy* **4H1544** and *Working with Dairy Cattle* – Holstein Foundation.

Name_____   **Age by Jan. 1**_____

4-H Club_____   **No. Years in Project**_____

What is the 4-H Motto? _____

Where did you obtain your project animal(s)? _____

What are forages and give examples of common forages used on dairy farms? _____

_____

_____

List the four compartments of a ruminant's stomach and briefly explain the function of each compartment.

1. _____

2. _____

3. _____

4. _____

What is the length of gestation in dairy cattle? _____

What is estrus, and what is the average length of the estrus cycle in dairy cattle? _____

_____

_____

At what age should you breed a dairy heifer? _____

What is mastitis and what causes it? _____

_____

_____

Provide the following information for each project animal that is currently bred:

Name / breeding date / due date	Name / breeding date / due date

What is a freemartin? _____

_____

What is the dry period for dairy cows, and what is the average length of the dry period?

_____

_____

Complete the table below for the following herd health problems.

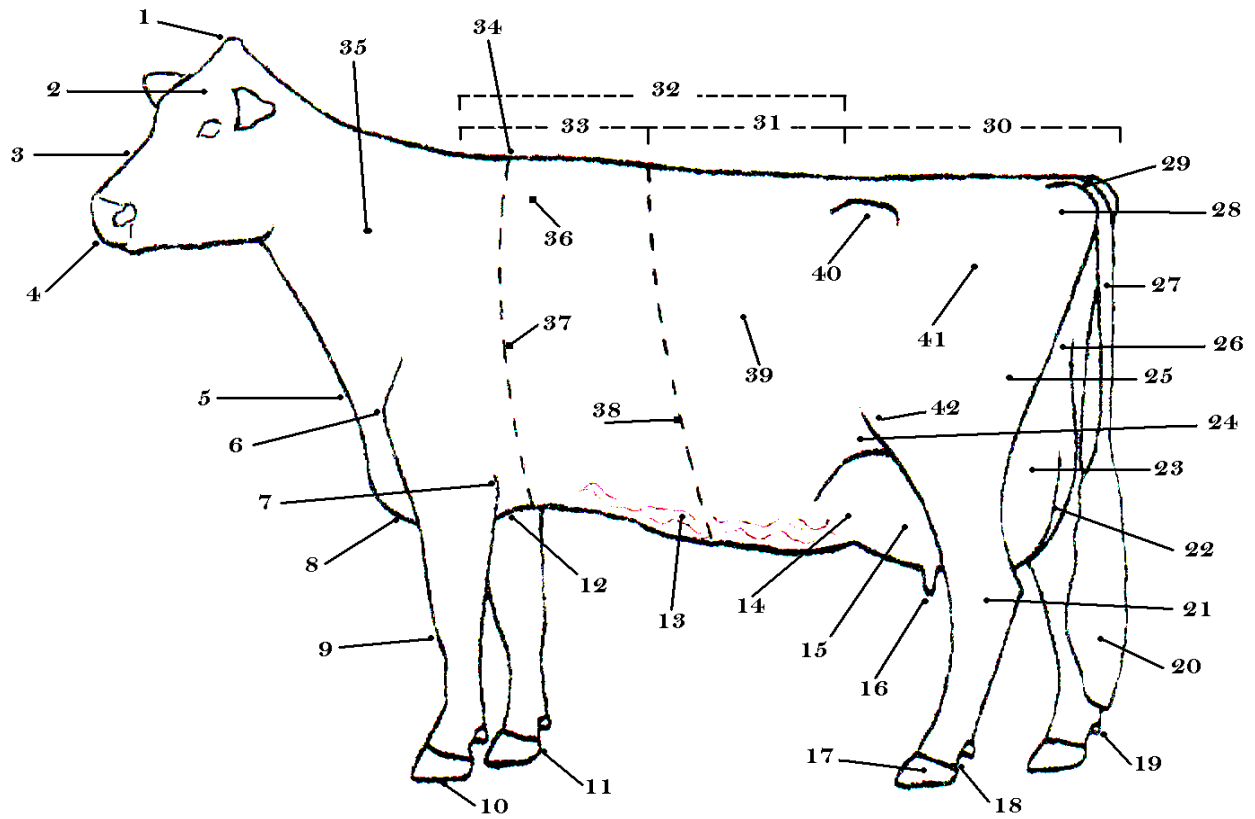| Problem	Description of Problem	Possible Cause(s)
Bloat		
Pneumonia		
Ringworm		
Scours		

List and briefly describe four (4) methods of dehorning:

1. _____

2. _____

3. _____

4. _____

How was your animal dehorned? _____

Describe the environment and housing you provided for your animal. _____

_____

_____

Parts of the Dairy Cow: Fill in the names of the parts of the cow numbered below.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

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19. _____

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30. _____

31. _____

32. _____

33. _____

34. _____

35. _____

36. _____

37. _____

38. _____

39. _____

40. _____

41. _____

42. _____

Pedigree Chart: Record pedigree information for each of your project animals (attach additional sheets as necessary). Information may include registration numbers, production records, classification scores, awards, and sire summary information.

Sire

Grand Sire

Grand Dam

Name of Animal

Birth Date _____

Dam

Grand Sire

Grand Dam

Pedigree Chart: Record pedigree information for each of your project animals (attach additional sheets as necessary). Information may include registration numbers, production records, classification scores, awards, and sire summary information.

		Grand Sire
	Sire	
		Grand Dam

Name of Animal

Birth Date _____

		Grand Sire
	Dam	
		Grand Dam