4-H Dairy Cattle Project Report

Members 9-11 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)? _____

List five points to consider when selecting a dairy project heifer.

1. _____
2. _____
3. _____
4. _____
5. _____

Name the six major breeds of dairy cattle.

1. _____   4. _____
2. _____   5. _____
3. _____   6. _____

What is a pedigree and what information is usually found in a pedigree for a dairy animal?

_____

_____

_____

What is colostrum and why is it important for a newborn calf? _____

_____

What is "weaning"? _____

_____

How old should a calf be before it is weaned? _____

List the Milk Replacer nutrient composition (if used):

     Protein _____%   Fiber _____%   Fat _____%

Describe the grain ration(s) you used and list the main ingredients in each. _____

_____

_____

_____

Describe the housing and environment your animal was raised in. _____

_____

_____

List five management practices you used to keep your animal(s) healthy.

    1. _____

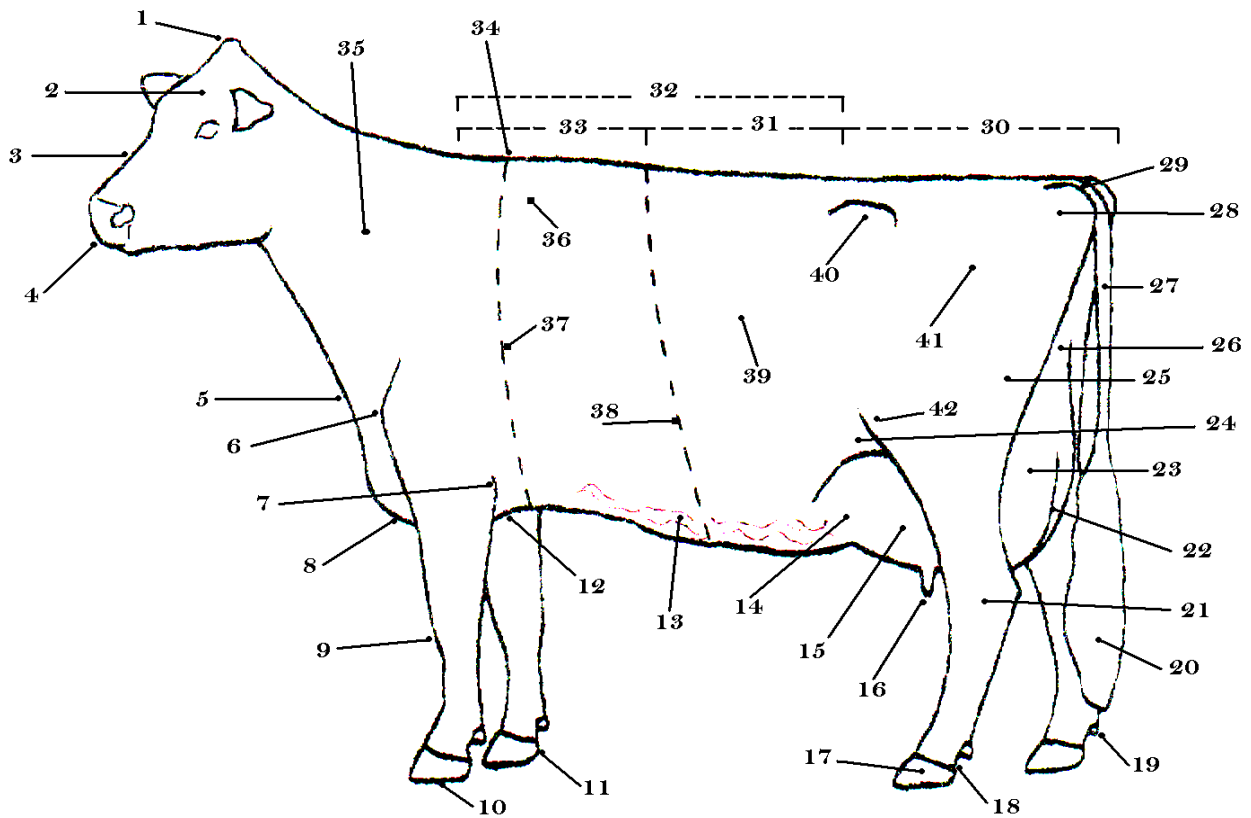   2. _____

    3. _____

    4. _____

    5. _____

Did you have any disease problems? (If yes, explain how you treated them.) _____

_____

_____

What is the rumen and what is its function? _____

_____

_____

Parts of the Cow: Match the numbers with the parts of the cow listed below.

_____ Tail	_____ Rear Udder	_____ Flank
_____ Crops	_____ Heart Girth	_____ Hoof
_____ Chest Floor	_____ Mammary Veins	_____ Dewlap
_____ Loin	_____ Point of Elbow	_____ Sole
_____ Fore Udder	_____ Suspensory Ligament	_____ Teats
_____ Poll	_____ Pastern	_____ Rump
_____ Thurl	_____ Stifle	_____ Knee
_____ Barrel	_____ Rear Udder Attachment	_____ Neck
_____ Withers	_____ Switch	_____ Chine
_____ Back	_____ Dew Claw	_____ Heel
_____ Hock	_____ Fore Udder Attachment	_____ Forehead
_____ Muzzle	_____ Point of Shoulder	_____ Ribs
_____ Thigh	_____ Tail Head	_____ Hooks
_____ Pin Bone	_____ Bridge of Nose	_____ Brisket

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