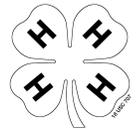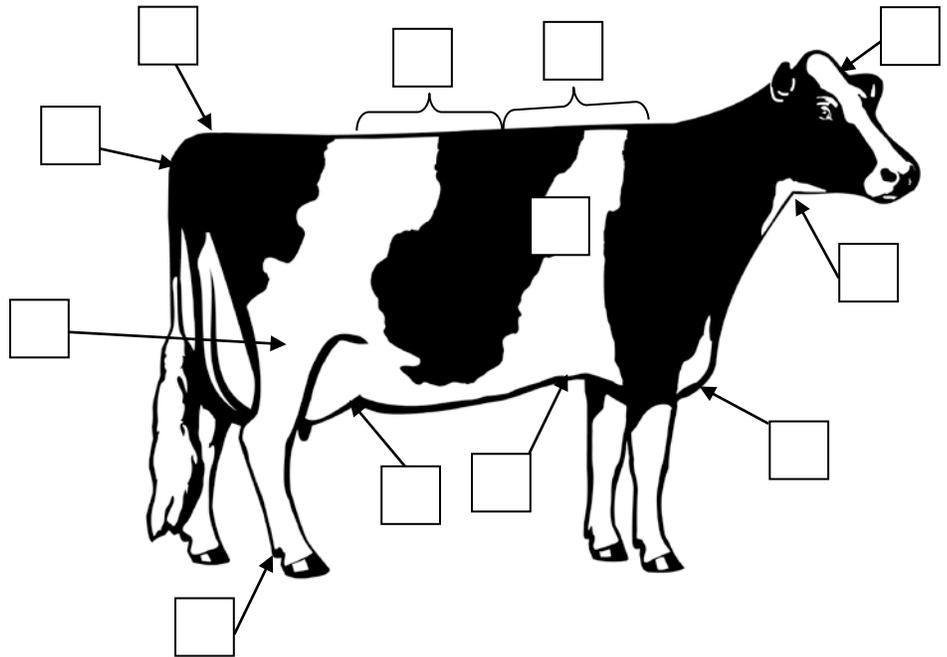# 4-H DAIRY WORKSHEET
Grade 4

Name:_____ 4-H Club_____

Answers to these questions can be found in the "Dairy Resource Handbook" 4-H 127R

1. Chapter 2: Part Identification. Please write the correct part name on the line provided with the correct letter.

Use the following words to fill in the blanks:

Declaw	Forehead	Loin	Tailhead	Stifle	Fore Udder Attachment
Brisket	Throat	Heart Girth	Pin Bones	Chine	Chest Floor

2. Chapter 5 discusses weaning a calf. If you are raising a dairy calf, it can be weaned when it

   is _____ to _____ weeks old. You will want to wean your calf as early as

   _____ because milk and milk replacer are more _____.

   When your calf is 2-4 months, feed it a good _____ feed and start to

   introduce small amounts of _____.

   When your cow is older and put out to pasture, remember that pasture is usually abundant

   and of _____ in the spring but _____ rapidly

   by mid to late summer.

3. Look at Dairy Profitability in Chapter 10. _____ is a dairy
   farm's primary income.

4. The vocabulary can be found in the glossary section in the Dairy Handbook.

_____Calf

_____Breed

_____Immunity

_____Heifer

_____Freshening

a. The protection or resistance that a body has from disease
b. A young female that has not given birth yet
c. A young dairy animal less than six months of age
d. Having a calf
e. Group of cattle with similar traits that are passed from generation to generation

5. Look in Chapter 2, look through the different breeds of dairy cows.

Which breed is thought to be one of the oldest dairy breeds in the world?

_____

Which breed is also known to be beef cows as well as milking cows?

_____

The _____ is the smallest of the dairy breeds.

The Holstein breed is known to be white and _____ or _____.

What breed of dairy cow do you show? _____

6. Look in Chapter 5 to identify and list the 6 essential nutrients for a dairy cow.

_____   _____

_____   _____

_____   _____

How often do you feed and water your cow? _____

_____

What do you give your cow to eat? _____

_____

7. Write about 3 new things you learned about dairy cows this year. _____

_____

_____

DEKALB COUNTY LIVESTOCK RECORD

(Check one)

☐ Beef   ☐ Swine
☐ Goat   ☐ Sheep
☐ Feeder Calf ☐ Dairy
            ☐ Dairy Beef

You need to be keeping <u>Monthly records</u>. Use separate pages to record your monthly data and use this form to summarize your information.

Name _____   Grade _____

Club _____ Years in 4-H _____ Years in this project_____
    (of participation)   (including this year)   (including this year)

Table 1. Inventory of 4-H Project Animals

ID/Registration #	Animal's Name	Breed	Sex	Date of Birth	Value

(add more pages, if necessary)

Table 2. List the items you feed to your animals (include type of feed, quantity, costs).

Type of Feed	Total Amount Fed	Total Cost or Estimated Value of Feed
	#	$
	#	$
	#	$
	#	$
Grand Total	#	$

Did you give a demonstration?   Yes _____   No _____
    If yes, list the date given, title of demonstration and number of people present.

_____

_____

_____

List any tours, workshops, clinics, etc. you participated in relating to this project.

_____

_____

_____

Financial Summary	
Item	**Cost**
Income	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
Total Income	$
Expenses	
Cost of animals	
Feed costs (growing rations, finishing rations, etc.)	
Veterinary/medical fees/health paper fees	
Housing or Rent	
Manure Handling	
Bedding	
Fencing	
Transportation	
Equipment (feed, show, groom)	
Other (List)	
Total Expenses	$
Income – Expenses: Actual or Projected Profit (loss)	$

For Market Animals Only					
Feed Record:	No. 1	No. 2	No. 3	No. 4	No. 5
1. Estimate weight of animal in early Sept.					
2. Initial weight of animal (estimate or weigh-in weight)					
3. Total weight gain (line 2 minus line 1)					
4. Number of days fed					
5. Average daily gain (line 3 divided by line 4)					
6. Total pounds feed fed					
7. Pounds feed per pound gain					