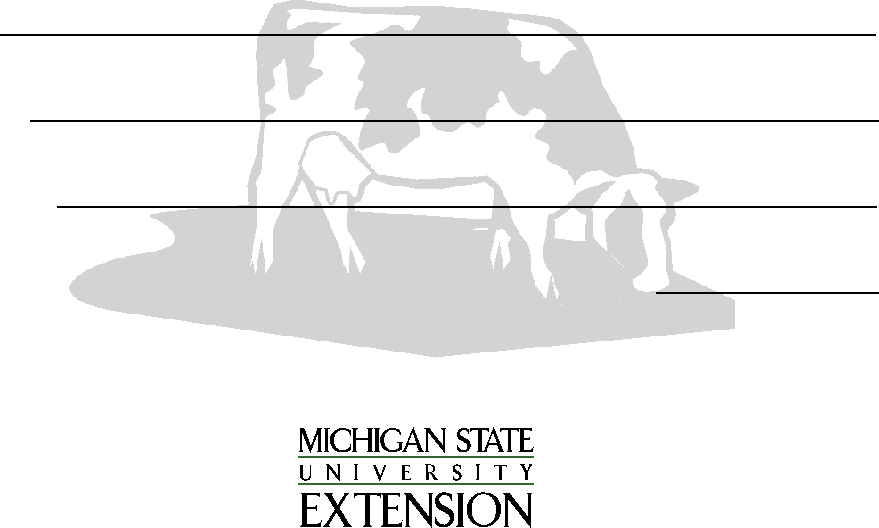


***Dairy Project Record Book***

***Cloverbud (Age 5-7)***

Name:

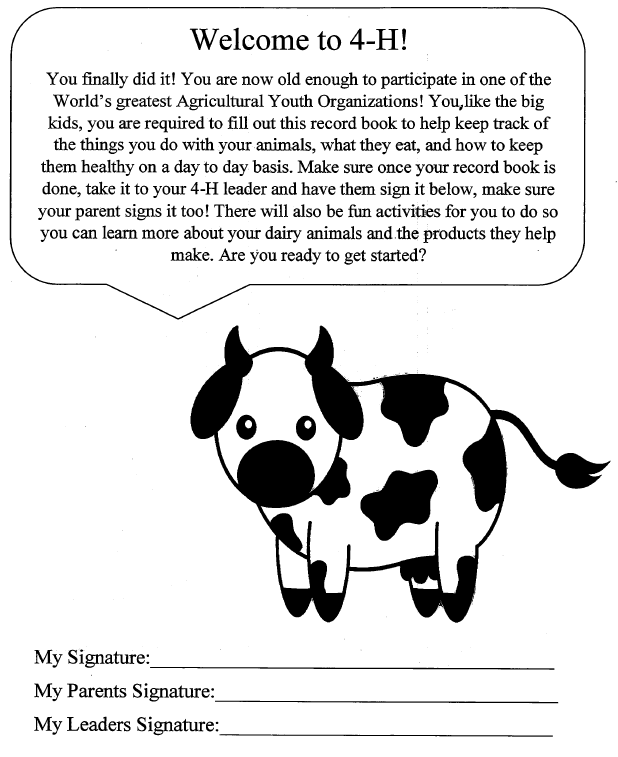
4-H Club:

4-H Leader:

Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, marital or family status.

##### Age (as of 1/1): Years in 4-H Dairy Project:

*Revised 5/2019*



## 2

## You must know both of your Pledges [Image result for 4-h flag](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwividXu1IDiAhUnrFQKHdW2DB4QjRx6BAgBEAU&url=https://shop4-h.org/products/single-base-flag-set&psig=AOvVaw3DTP6va9-flofe9Sz2DQJ3&ust=1557017640599147)

## Fill in the blank spaces with the right words from the

## word box to complete both Pledges.

## Pledge of Allegiance

## I pledge allegiance to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the Unites States of

## America and to the republic for which it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

## One \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, under God, Indivisible, with \_\_\_\_\_\_\_\_\_\_\_\_\_\_

## And \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for all.

## 4-H Pledge

## I pledge my\_\_\_\_\_\_\_\_\_\_\_\_\_ to clearer thinking,

## My Heart to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ loyalty.

## My Hands to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

## And my Health to better living, for my \_\_\_\_\_\_\_\_\_\_\_\_\_,

## My community, my country and my \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

## flag greater liberty world

## Head nation service justice

## stands larger club

## 3

# Calf Information

When you show a calf, you need to know everything about it.

Tell us all about your calf by filling in the blanks.

My calf’s name is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My calf’s birthday is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My calf gets fed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ times a day

My calf eats \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My calf’s ear tag number is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My favorite thing about my calf is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

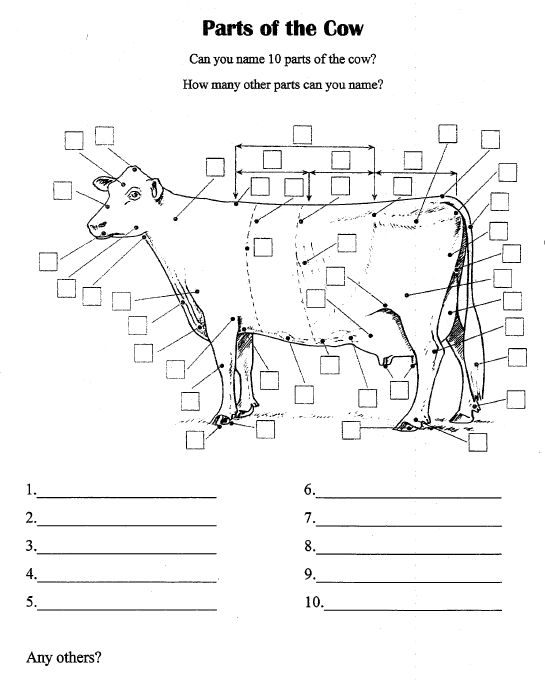
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My calf sleeps on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My calf is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ type of dairy breed.

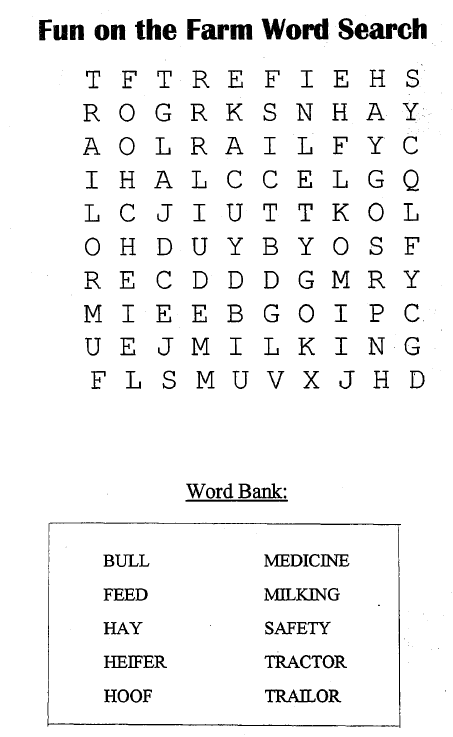
The farm my calf came from is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4

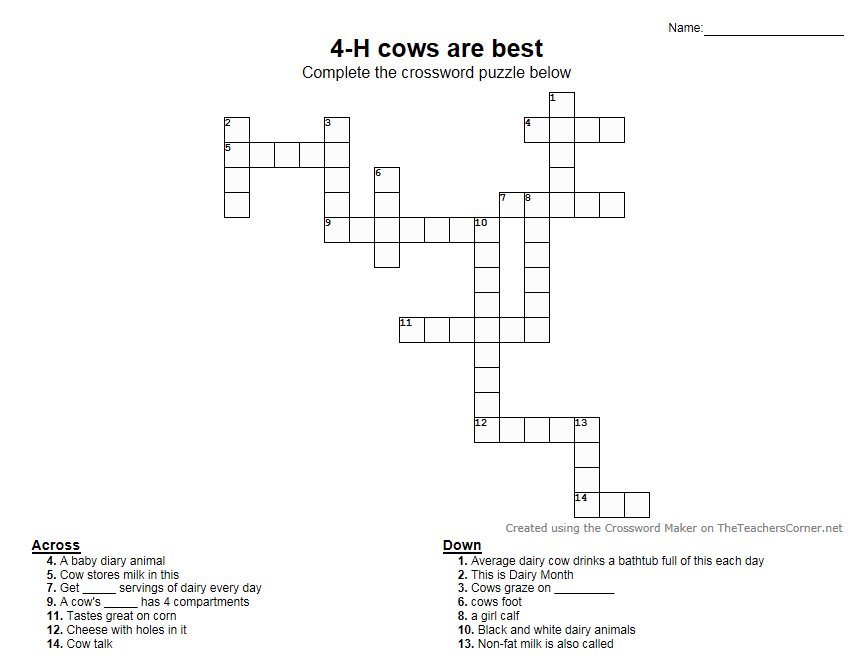


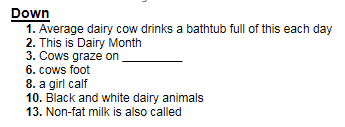
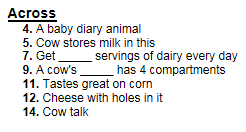
## 5





## 6

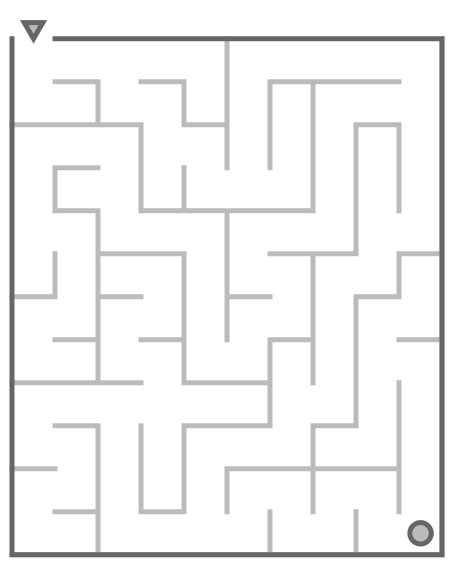




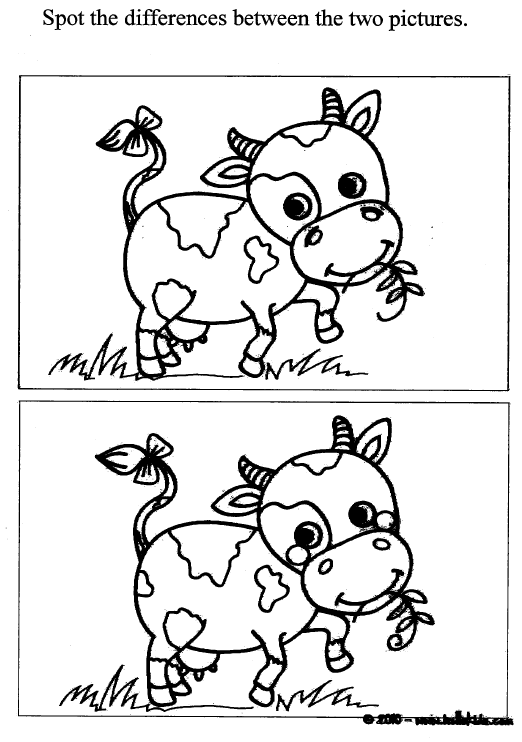
## 7

**Help the milk man get the milk from the farm to the processing plant**

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwi-u4To5IDiAhVO2qwKHfUpARkQjRx6BAgBEAU&url=http://www.chroniclet.com/Local-News/2016/08/04/Dairy-farm-joining-state-s-herd-of-centennials.html&psig=AOvVaw1V0J8vRuAQ386oFPgOiTE4&ust=1557021885466524)



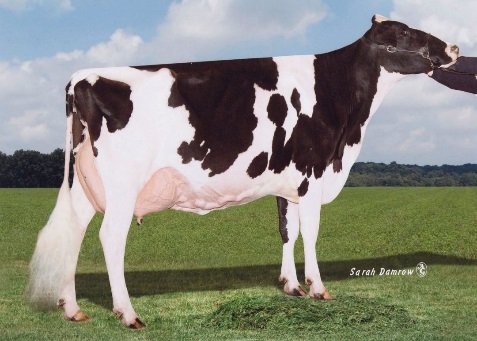
## [Related image](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=&url=http://venturesafrica.com/frieslandcampinas-e23m-investment/&psig=AOvVaw0-3yk_aZYDnhqPzCuPCjJl&ust=1557022055593800)8



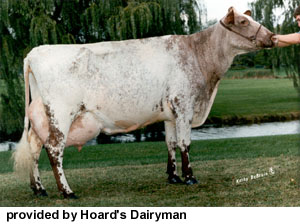
### 9

#### Identify the correct breed of Dairy Cow

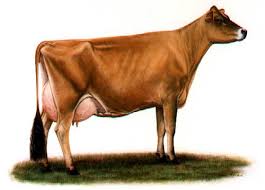
#### Write the name of each breed under the picture. Hints at the bottom of the page.

 [](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjj3NzTvaPiAhXIc98KHTH3DkMQjRx6BAgBEAU&url=https://www.brownswissusa.com/Breed/History/tabid/89/Default.aspx&psig=AOvVaw1xs5K7cFrwst6wicd7SOLp&ust=1558213986158289)

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

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjy6NabvqPiAhWRd98KHdGrAXYQjRx6BAgBEAU&url=http://www.google.com/url?sa%3Di%26rct%3Dj%26q%3D%26esrc%3Ds%26source%3Dimages%26cd%3D%26ved%3D%26url%3Dhttp://afs.okstate.edu/breeds/cattle/milkingshorthorn/index.html/%26psig%3DAOvVaw3mFcImk8BWTrxBO8slCDWS%26ust%3D1558214076067302&psig=AOvVaw3mFcImk8BWTrxBO8slCDWS&ust=1558214076067302) [](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjDpNTsvqPiAhVNheAKHfPdDCoQjRx6BAgBEAU&url=http://www.thecattlesite.com/breeds/dairy/21/guernsey&psig=AOvVaw2tQrxjjqiXX9W6E1DeA4Yr&ust=1558214252641310)

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

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

**Jersey** – Known for the high butterfat content of their milk. Generally have a dark switch.

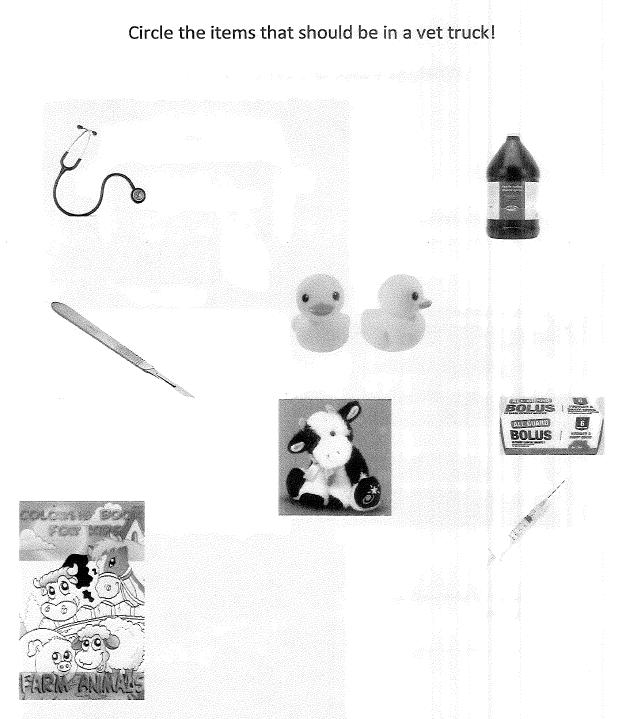
**Holstein** – Usually black and white OR red and white in color. Originally from the Netherlands. She produces more milk than other dairy breeds.

**Ayrshire** – Rusty-red and white in color. Because of their adaptability, Ayrshires are found in most parts of the world.

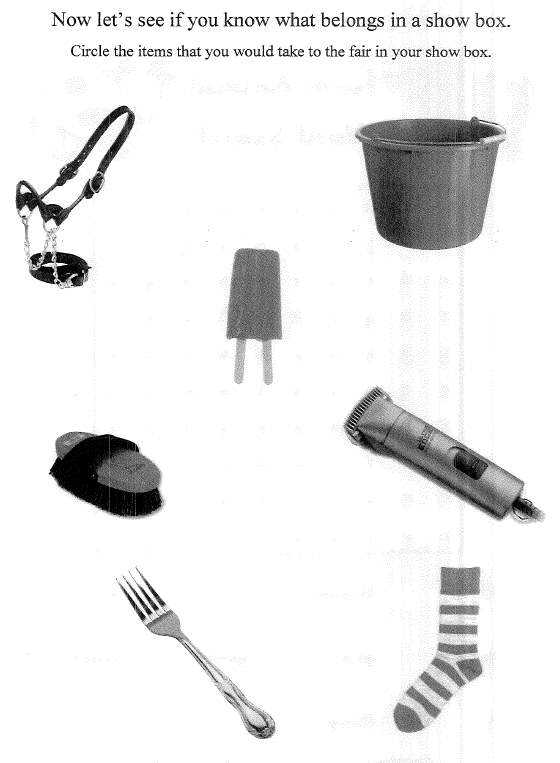
**Milking Shorthorn** – The Milking Shorthorn is considered a dual purpose breed which can be used for milk or beef production. Large in size, Milking Shorthorn is white and roan in color

**Brown Swiss** – Kind nature and docile temperament. Their milk is ideal for making cheese because of its high protein-to-fat ratio.

**Guernsey** – Coloring ranges from fawn to golden. First raised by the monks on the Isle of Guernsey in the English Channel



### 11



12

## Dairy Farm Work Record

Record all of the work you completed for the farm that your dairy project is raised on. For example, what are your farm responsibilities apart from taking care of your 4-H dairy animal?

|  |
| --- |
| Description of Work Completed |
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#### Dairy Project Photos

Be creative. Show us some photos having FUN with your Dairy project animal. You should also include captions on your pictures that at least include the date of the photograph. The more photos, the better! Add extra pages if you want.

**Great Job!**

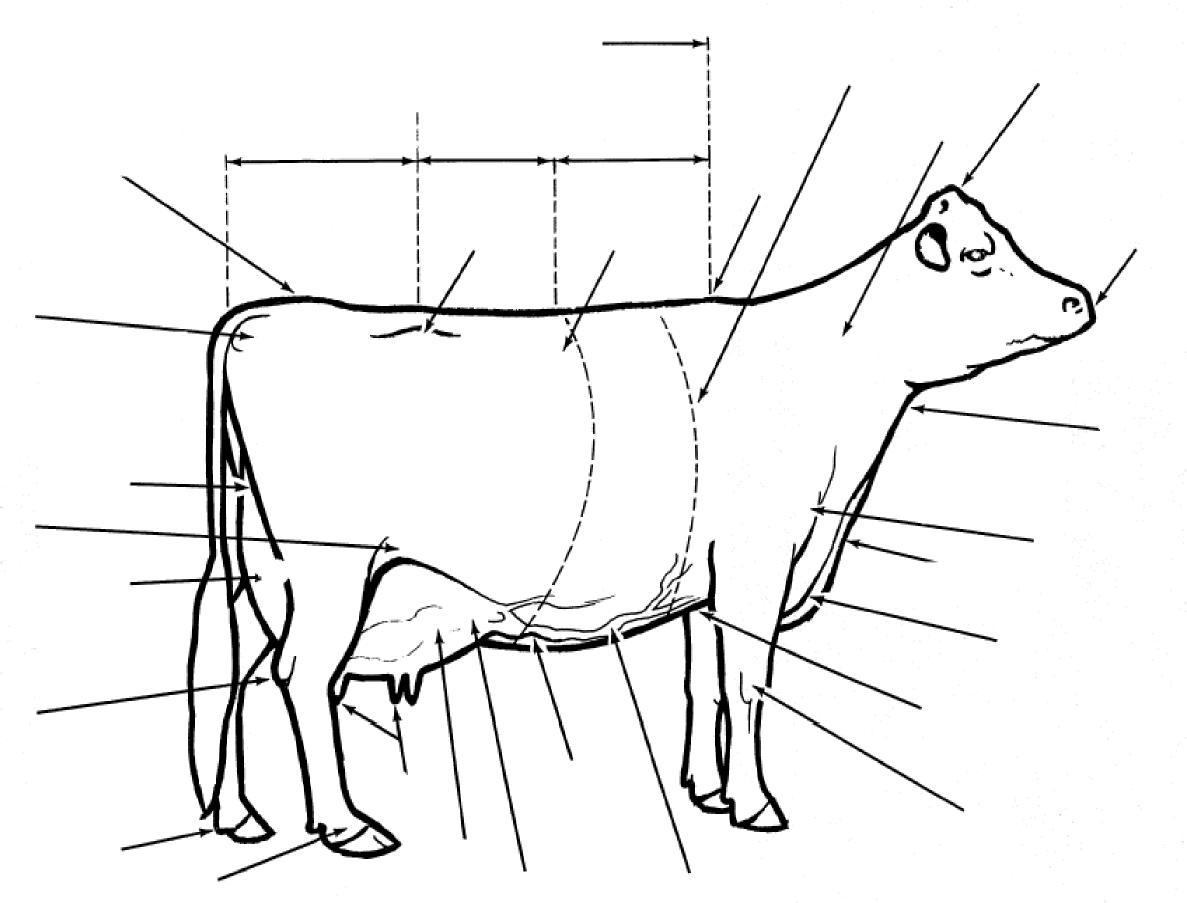
**You have completed your record book!!!**

**If you are having fun and want to keep going,**

**you can do the following pages ...**

#### Name the Parts

**All ages**

*Write the part number on each line.*

1. Muzzle
2. Hip
3. Dewclaw
4. Brisket
5. Throat
6. Dewlap
7. Knee
8. Flank
9. Pin Bones
10. Heart Girth
11. Back
12. Rump
13. Mammary Veins
14. Poll
15. Rear udder
16. Rear udder attachment

17. Neck

18. Chine

19. Teats

20. Point of Shoulder

21. Foreudder

22. Foreudder attachment

23. Tail Head

24. Loin

25. Milk Wells

26. Hock

27. Chest floor

28. Pastern

29. Barrel

30. Withers

#### Records Questionnaire

*Questions refer to the farm or herd where your animals are housed.*

What breed(s) of cattle does the farm have?

How many lactating cows does the farm have? How many dry cows does the farm have?

Total number of heifers and calves on farm?

At what age are calves weaned off milk at this farm?

**“Udderly” Fun Matching**

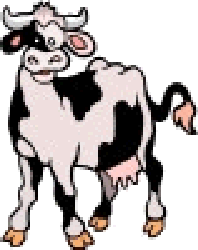
*Match the words below with the descriptions*

## A cooling tank where all of the milk from the farm is stores:

**The average Guernsey produces...**

**A cow is dry (not producing milk) for an average of ... A cow milks for approximately...**

**Silage is...**

**Holsteins are the highest producers of... Jerseys are the highest producers of... Colostrum is...**

**Forages are...**

**A calf is milk fed for...**

**An animal with four stomach compartments:**

1. Grass or hay used for feed
2. Pounds of Milk
3. 6-7 Gallons
4. Grass compacted & stored in airtight conditions
5. 305 Days
6. Bulk Tank
7. 60 Days
8. Butter fat
9. The first milk after calving
10. 7-8 weeks

Dairy Project Showmanship

How should a dairy animal’s feet be set under them when in the show ring? Draw a picture to show how and then explain next to the picture. You have extra fun and set your animal up the correct way for each type

**Dairy bull**

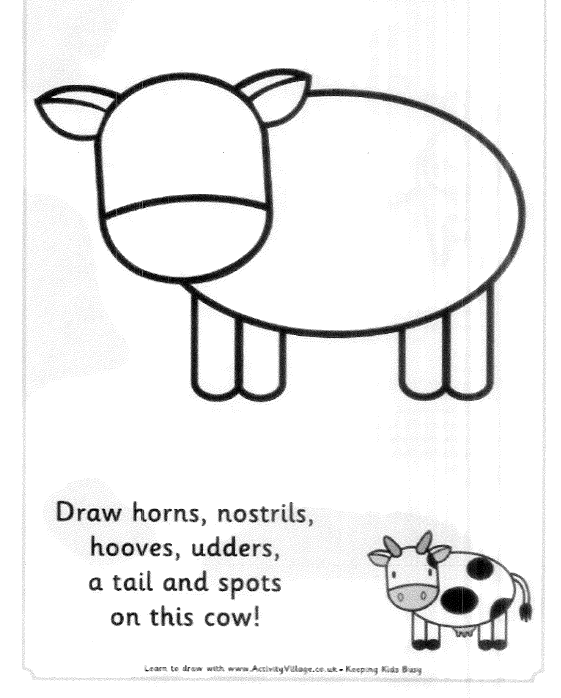
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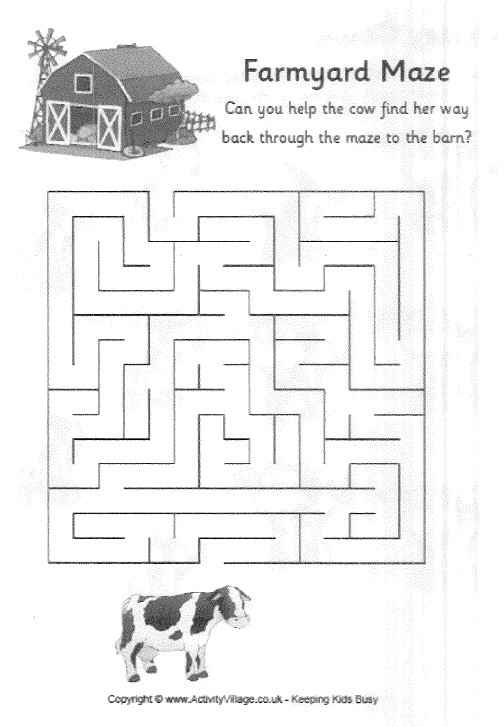
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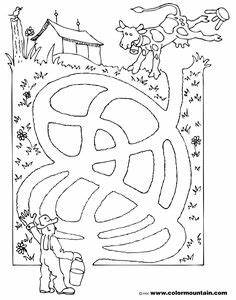
**Dairy Cow**

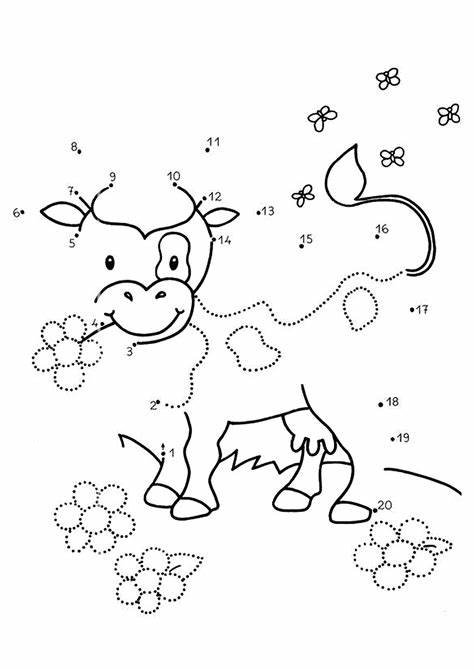
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**Dairy Heifer**









**Write a story about you and your animal**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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