

Name: \_\_\_\_\_

### **Working Safely with Dairy Cattle - Chapter 3**

In one paragraph, describe one “life lesson” you have learned from showing dairy cattle:

If you see a younger 4-H member being dragged around by their show heifer, describe how you would safely correct the situation using proper cattle handling techniques:

Draw a picture of a cow (top view) and identify the “flight zone” and the “blind spot”.

True or False \_\_\_\_\_ Dairy animals are color blind.

True or False \_\_\_\_\_ Cattle have a short memory. If a heifer is hit or yelled at, she will forget about it the next day.

## Health Management and Diseases – Chapter 6

A newborn dairy calf's primary source of nutrients and natural antibodies is \_\_\_\_\_

Scours is another name for \_\_\_\_\_

Name three external parasites:

1)

2)

3)

Calves can be weaned when they are eating \_\_\_\_\_ pounds of grain.

For a heifer to give birth at 24 months, what age should she be bred? \_\_\_\_\_

What is a zoonotic disease?

Why is it necessary to dehorn a calf?

What is BRSV? Is there a vaccine available to prevent this disease?

True or False \_\_\_\_\_ Leptospirosis will cause abortions and kidney damage.

What are two causes of mastitis?

1)

2)

Please describe why biosecurity is important:

## Milk Processing and Dairy Products – Chapter 12

How many pounds of milk does it take to make one gallon of Ice Cream? \_\_\_\_\_

What is your favorite dairy product?

Why is milk considered “Nature’s perfect food”?

True or False \_\_\_\_\_ UHT pasteurization heats milk up to 280 degrees for 2 seconds.

What are two differences between cow’s milk and almond milk?

1)

2)

Butter is high in \_\_\_\_\_ which gives it a golden yellow color.

Why is cottage cheese making a comeback?

Explain what Kefir is:

What contains a higher Glycemic index, milk or mountain dew? \_\_\_\_\_

Explain how Glycemic index relates to diabetes:

## Judging and Showing – Chapter 15

Name your favorite breed of Dairy Cow? Why is this breed your favorite?

Why is it important to teach your heifer to “lead” before you show her at the 4-H fair?

While participating in showmanship, what are two questions the judge may ask you?

1)

2)

What does PDCA stand for?

Name the three most important parts of the Dairy Unified Score Card, and the number of points assigned to each of these three major traits:

1)

2)

3)

Please draw a picture of a cow and identify where the Loin, Pastern, Hock, and Withers are located: