

# PURDUE EXTENSION BOONE COUNTY

## 4-H BEEF WORKSHEETS

Grade 7-B



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

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

Grade: \_\_\_\_\_

Date: \_\_\_\_\_

### IT'S SHOW TIME

Read the paragraph below and answer the questions. Choose the correct answer for each question.

*At a beef show, you enter the show ring and circle in a clockwise direction. When showing beef, you should use a showstick to help set up the animal. Use the same routine at the fair as you do at home. Feed at the same time. After 30 minutes, remove any feed that the animal has not eaten. Remember, your animal will usually only eat half as much at the fair as it does at home. Remember to wear strong work shoes or boots to protect your feet. It is helpful to have a scotch comb that will fit into your back pocket on show day.*

1. In what direction do you circle in the show ring?
  - A. Clockwise
  - B. Counterclockwise
  - C. It does not matter
2. When showing beef you should use a:
  - A. Cane
  - B. Plastic Pipe
  - C. Showstick
3. Feed not eaten should be removed after how long?
  - A. 60 minutes
  - B. 30 minutes
  - C. 90 minutes
4. At the fair, your animal may eat:
  - A. half as much as at home
  - B. a little feed
  - C. a grain
5. What kind of shoes are needed when showing livestock?
  - A. tennis shoes
  - B. doesn't matter
  - C. work shoes or boots

Answers can be found in the OSU Beef Resource Handbook – 4-H 117R.

1. List the six pillars of character that is a part of the show ethics in 4-H.

_____	_____
_____	_____
_____	_____

2. What is the condition caused by a build up of gas in the rumen? \_\_\_\_\_

3. Genetics play an important part of improving any beef herd. What are the top two heritability estimates and traits. (Note: The Beef Resource Book lists 9 heritability traits.)

<u>Trait</u>	<u>Heritability %</u>
_____	_____
_____	_____

4. List one of the four ways to treat bloat in cattle: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. **Coccidiosis** -Coccidia are bacteria that may cause scours (diarrhea) in older calves. These scours may contain blood. The best prevention is a \_\_\_\_\_ feeding area and \_\_\_\_\_ bedding.

**Match the cattle diseases**

WARTS	Occurs when the calf's resistance is low because of stress, allowing bacteria or viruses to start an infection.
BVD	Causes swelling and lameness. Skin between the toes and around the foot turns red, and the foot will have a foul odor.
CALF SCOURS	Occurs when there is a low level of magnesium in the blood-stream of the cow, usually when cattle are turned onto a fresh pasture and are nursing a calf.
FOOT ROT	Is a contagious virus that causes diarrhea, abortions, weak calves, high temperature, discharge from nose, and problems in the intestine.
GRASS TETANY	Caused by an infectious virus. Serious cases are unsightly and painful.

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