



# ONLINE KNOWLEDGE SCAVENGER HUNT –

## Virtual Beef Project

**Instructions:** *Please complete the series of questions found below about Beef Animal industry and husbandry. These questions are designed to test your knowledge – if you find you do not know the answer feel free to research online! The process of seeking out information will help you learn! Please print off your completed sheet and present it at achievement day – or if you are unable to have a printed copy, have your answers written down on a sheet of paper to present at achievement day!*

**Sources:** *Below are some sources you can use if you get stuck!*

- <https://www.4h.ab.ca/downloads/documents/BeefLeaderGuide2015.pdf>
- [https://www.4h.ab.ca/downloads/documents/Judging\\_PG.pdf?fbclid=IwAROFFejuIBXGy\\_o3dmcX9JqOLFuiMY1b2nYhIhGjZdaDka7X\\_gg6LKrVHod4](https://www.4h.ab.ca/downloads/documents/Judging_PG.pdf?fbclid=IwAROFFejuIBXGy_o3dmcX9JqOLFuiMY1b2nYhIhGjZdaDka7X_gg6LKrVHod4)

**1. Which of the following is not important when looking for an animal in this project?**

- a. Date of Birth - does this animal meet the age requirements for the project?
- b. Health History - vaccinations, appetite, look of animal
- c. Breeding - is this a purebred or crossbred animal?
- d. Eye Colour - the colour of a calf's eyes is important

**2. Which of the following is not a name for parts your beef animals head or face?**

- a. Crest
- b. Face
- c. Poll
- d. Muzzle
- e. Topline

**3. What is a frame score?**

- a. The age of the animal and the hip height of the animal to get the weight of your animal?
- b. How photogenic is your beef project animal?

**4. Which of the following is not a grade that the quality of beef can receive?**

- a. B3
- b. B1
- c. C1
- d. AA
- e. AAA



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- 5. An animal that is being well cared for is healthy, comfortable, well-nourished, safe, able to express natural behaviour and is not suffering from pain, fear or distress.**
  - a. True
  - b. False
  
- 6. How many "freedoms" do animals have or the basic needs of animals that producers should provide while animals are under their care?**
  - a. Six
  - b. Three
  - c. Five
  - d. Two
  
- 7. Cattle's eyes are located on the side of their head - this means that...**
  - a. Can see clearly in front of them
  - b. Have great depth perception
  - c. Have a great wide-angle vision
  
- 8. What is the cattle animal's point of balance?**
  - a. The point right in the middle of the animal's body
  - b. The top of your beef animals' poll
  - c. When the handler is in line with the animal's shoulder, to move cattle with ease.
  
- 9. What is a cattle animal's flight zone?**
  - a. The distance it can take for your cattle animal to get to running speed.
  - b. Your animal's personal space - depending on the person approaching, the space in which the animal is comfortable having someone close to them
  
- 10. What are the appropriate clothing and protective equipment to wear when handling cattle?**
  - a. Tight-fitting clothing, western boots or closed-toed shoes, and long sleeves pants and shirts
  - b. Loose-fitting clothing, sneakers and t-shirts
  
- 11. True or False - these are all important aspects of cattle facilities; fencing, water and feeding system, shelter and corrals.**
  - a. True
  - b. False



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### **12. What does the acronym RFID stand for?**

- a. Another name for management tags which allow farmers to identify cattle within their own herd
- b. Radio Frequency Identification - they are tags with a set of numbers that identify the cattle animal
- c. Rural Farming Identification - They identify which farm the cattle animal belongs too

### **13. True or false - RFID Tags and Management tags are the same things?**

- a. True - they are the same set of numbers and allow the owner to identify and trace the animal throughout its life.
- b. False - while they are both used for identification, RFID tags are used to identify and all cattle by the Canadian Food Inspection Agency while Management Tags are used only for the owner of the herd.

### **14. Are cattle ruminants or monogastric animals?**

- a. Ruminant
- b. Monogastric

### **15. What is the definition of "grade" when referring to a market beef animal? Refer to Judging Guide Link**

- a. The overall view of the animal, including how well the parts blend into one another and how freely and smoothly the animal moves
- b. The description a carcass receives based on the maturity of the carcass, colour, texture, and firmness of the muscle, fat and marbling and fat measurement
- c. Estimation of the percentage of carcass that is red meat.

### **16. True or False: the five areas on the body in which to assess the lean yield of a market steer are the brisket, forearm, flank, twist and rump. Refer to the Judging Guide Link.**

- a. False
- b. True

### **17. What is the easiest place to determine the "finish" or the amount of fat covering a market animal? Refer to the Judging Guide Link**

- a. Rib
- b. Forearm
- c. Shoulder Blade