Junior Quiz

1. What gauge is the biggest in diameter?

**a. 16** c. 20

b. 18 d. 22

1. Where is the best place to inject cattle?

a. Side of the Round c. Back of the Leg

**b. Side of the Neck** d. Top of the Back

1. The eye loop of a halter is on what part of the calf’s head?
	1. Left **c. Right**
	2. Top d. Any place is fine
2. Which is the most abundant organic acid produced during quality silage fermentation?
	1. Propionic Acid c. Acetic Acid
	2. **Lactic Acid** d. Butyric Acid
3. What is the middle joint of the rear leg of a calf called?

a. Knee c. Shank

b. Ankle **d. Hock**

1. What cattle breed is the largest cattle breed in the world that was developed as a draft animal?

**a. Piedmontese** c. Brahman

b. Bonsmara d. Charolais

1. What is the chest of the calf called?

a. Chest **c. Brisket**

b. Breast d. Front

1. Excess energy is stored as:
	1. Carbohydrates c. Water
	2. Protein **d. Fat**
2. What is a sterile bovine female called?
	1. **Freemartin**  c. Infertile
	2. Sterile d. None of the Above
3. What is another name for yield grade?
	1. Quality c. Percent grade
	2. **Cutability** d. Quantity
4. **True** orFalse: Beta cells produce insulin, alpha cells produce glucagon.
5. What whole sale cut does the retail cut skirt steak come from?

a. Ribs c. Sirloin

**b. Short Plate** d. Chuck

1. Which compartment of the stomach is like a honeycomb?

a. Rumen c. Omasum

**b. Reticulum** d. Abomasum

1. Which of the following is NOT a British breed?
	1. Angus **c. Simmental**
	2. Shorthorn d. Hereford
2. What hormone surges directly prior to ovulation in cattle?
	1. Prolactin c. Progesterone
	2. Prostaglandin **d. Luteinizing Hormone**
3. What is an advantage of crossbreeding?
	1. Breed complementation **c. A and B**
	2. Heterosis d. None of the Above
4. Magnesium deficiency in grazing cattle is known as what?
	1. **Grass Tetany** c. Acidosis
	2. Groiter d. Ketosis
5. Total Digestible Nutrients (TDN) is used to represent the amount of what in a feed?
	1. Protein c. Lipids
	2. Feed intake **d. Energy**
6. What gland is the Basal Metabolic Rate (BMR) controlled by?
	1. Lymphoid gland c. Pituitary gland
	2. **Thyroid gland**  d. Thymus
7. What is the feed that cattle regurgitate for further chewing called?
	1. **Cud** c. Grass
	2. Hay d. Seed
8. If an animal has no horns it is called what?
	1. Hornless c. Non-polled
	2. **Polled** d. None of the Above
9. The process of giving birth or calving is?
	1. **Parturition** c. Oxytocin
	2. Prutrition d. Prolactin
10. General name for the family grouping of cattle.
	1. Ovine c. Avian
	2. Porcine **d. Bovine**
11. Which part of the stomach is known as the “True stomach”?
	1. Rumen **c. Abomasum**
	2. Reticulum d. Omasum
12. What is the first thing to look for in a breeding heifer?
	1. Muscle c. Fat/Width
	2. **Structural Correctness** d. Finish