Team Name_____

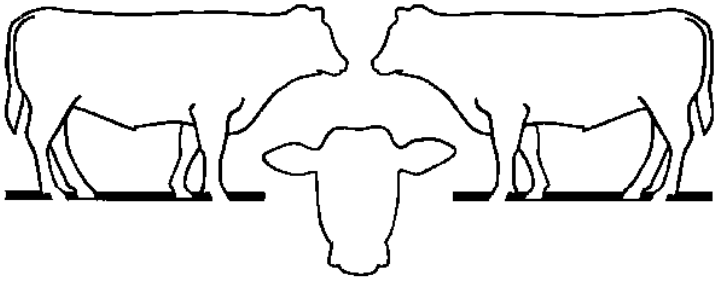
2017 Block and Bridle Stockman's Contest - Senior Team Problem

Given the following medications, Excenel and NuflorGold, please fill out the chart below with information from the label. Assume that you are giving these injections to a 1,200 lb. steer that is experiencing respiratory disease (5 points per box / 40 points total).

	Product	Content	Route	Dose / 100 lbs.	Withdrawal Period
1.	Excenel	Ceftiofur hydrochloride	IM or SQ	2 mL	4 days
2.	NuflorGold	florfenicol	SQ	6 mL	44 days

Routes: IM = intramuscular, SQ = subcutaneous, T = Topical, ID = intradermal, IN = intranasal, ET = ear tag

3. Indicate on the pictures where each product will be administered (10 points per product/20 points total).



4. For Excenel (5 points each / 15 points total):
   a. How many total mL should be injected to treat the animal?
      24 mL
   b. How many injection sites would it take to adhere to label directions?
      2
   c. If today, February 24, 2017, was the last day of treatment, when can the animal go to slaughter?
      2/24/17

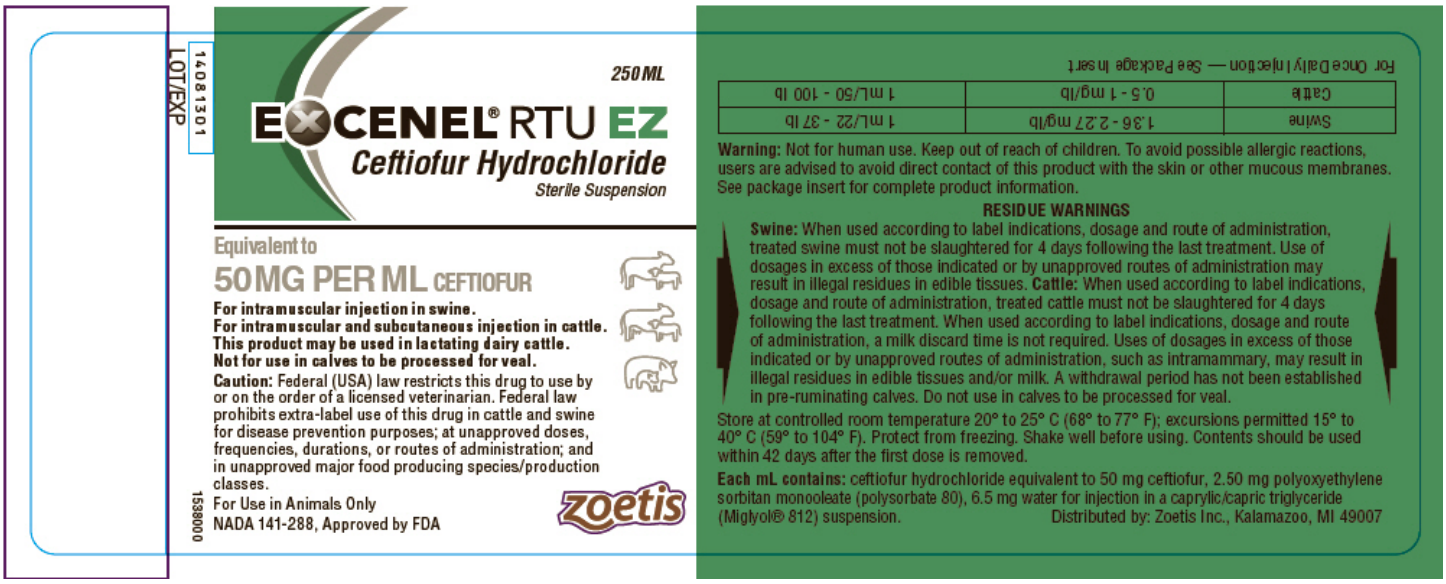
5. For NuflorGold (5 points each / 15 points total):
   a. How many total mL should be injected to treat the animal?
      72 mL
   b. How many injection sites would it take to adhere to label directions?
      5
   c. If today, February 24, 2017, was the last day of treatment, when can the animal go to slaughter?
      4/9/17

6. Which of these two products could also be used to treat foot rot (5 points)?
   Excenel

7. If a product is labeled for intramuscular or subcutaneous administration routes, which is the preferred route (5 points)?

   Subcutaneous

Excenel label information:



For bovine respiratory disease and foot rot:

- Administer by intramuscular or subcutaneous administration at the dosage of 1 to 2 mL per 100 lbs. body weight (BW).
- Administer daily at 24-hour intervals for a total of three consecutive days. *Additional treatments may be administered on days four and five for animals that do not show a satisfactory response (not recovered) after the initial three treatments.*
- For BRD only, administer intramuscularly or subcutaneously 2 mL/100 lbs. BW every other day on days one and three (48-hour interval). Do not inject more than 15 mL per injection site.
- Selection of dosage level and regimen/duration should be based on an assessment by the herd veterinarian.

For acute postpartum metritis:

- Administer by intramuscular or subcutaneous administration at the dosage of 2 mL per 100 lbs. BW.
- Administer at 24-hour intervals for five consecutive days. Do not inject more than 15 mL per injection site.

NuflorGold label information: