

Team Name (including all members) _____

**Louisiana Junior Cattlemen's Association
TEAM PROBLEM**

Work Together as a Team – You will have 20 minutes to complete – Submit ONE Copy with all of the questions answered

You are preparing to work 20 head of replacement heifers that average 750 pounds, and were recently purchased from the local sale barn. These heifers will go to grass later today. You plan to breed them this fall and pregnancy check them in the spring, hoping to have a fall calf next September.

1) Using the information provided in the table below and the product labels/sheets, calculate the cost/dose for the average calf in this group for each of the three products. Show answers to two decimal places, do not round. (Each of the three products is worth 1 pt.)

Product	Total Amount in Package	Packages Needed	Total Cost	Cost/Dose
Express FP-VL5	10 doses	2	\$49.98	\$2.49
Bar-Vac 7/Somnus	10 doses	2	\$28.98	\$1.44
Ivomec Plus Injectable	200 ml	1	\$123.99	\$4.54

**Ivomec Plus Injectable is administered at a rate of 1 ml per 110 lbs body weight.*

2) What is the total cost/hd. to administer the three products above? (3 pts)

\$8.47

3) If today is the initial dose given of each of these products, how soon will you need to work them again and which product(s) will you need to administer at that time? (3 pts)

21-28 days, Express FP-VL5 & Bar-Vac 7/Somnus

4) If you administer these products to the group today, what is the earliest date you can harvest these heifers or market them to an unknown destination/end point? Which product(s) determine this date? (3 pts)

21 Days post treatment. All three products have 21 day slaughter withdrawal.

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5) What is the total cost of the products you will need to purchase to initially work these 20 head of heifers? (5 pts)

\$202.95

6) True or False. If the exact weight of the animal is unknown you should deworm the animal with the smallest dose possible to save money? (3 pts)

False, If weight is not known, you should administer a higher dose to ensure you do not treat the animal with too little dewormer to be effective.