Brett Moye

Chapter 1

Analyzing Requirements

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3. Analyzing Requirements

1. We would have to know the different amounts of feed required for the winter months compared to other times of year. We would also need to know the combined weight of all the cows. We would have to know how much each truck cost so that we knew what the shipping cost would be per truck.

2. Inputs- Combined weight of cows; Days of Feed Needed

Outputs- Total cost after shipping

3. Calculate Shipping Charge

Total Weight of Cows Days Total Charges

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**Calculate Shipping (Button) RESET (button)**

4.

A) Weight- 55,000 lbs for 30 days of food . The total amount of food consumed per day is 55,000x 0.03=1,650lbs. Then we would multiply 1650x30= 49,500. That is 24.75 tons so we would multiply that by 150 to derive at $3,712.5 for that month.

B) Weight 187,000lbs for 90 days of food.

187,000x0.03= 5610lbs per day.

5610x90=504,900 lbs total of feed

504,900 is 252.45 tons

252.45x150= $37,867.50

c) Weight is 565,000 lbs for 50 days

565,000x0.03= 16950

16950x50=847,000 lbs of feed

847,000lbs= 423.75 tons

423.75x150= $63,562.5