

Instructions

1. Create a spreadsheet containing all of the information. Here's what I would suggest for the headers at the top of the columns.

Animals, Cost, Number Purchased, Food, Total Cost, Sales Price, Number Sold, Total Sales Profit, Problem

2. Enter the data for animals, cost, numbers purchased, food, sales price, and number sold

3. Create a formula to add the cost for each type of animal plus food. Here's a hint. You can both multiply and add in the same formula, such as

$$= 5*4+7$$

So, multiply the number of animals by the cost per animal, then add the food cost.

4. Calculate the total sales by multiplying the number of animals sold by the sales price.

5. To determine the profit, use total sales minus total cost. That will tell you how much money we made.

6. You need to use the =IF formula to show on the spreadsheet if there is a problem. There is a problem if the profit is less than zero because we're losing money. Make the last column use an equation to show there is a problem. It should say "OK" if it's fine, and "PROBLEM" if we're losing money. Here's a hint:

If the profit is >0 that's good

7. Skip a couple of spaces after the data, and at the bottom of the page, add the following:

- The sum of the column
- The average for the column
- The maximum of the column
- The minimum of the column
- The column count

8. After all that, put your name, and the formula to show today's date.

9. Email it according to directions.