

Name: _____
 Date: _____
 Period: ____

Performance Assessment

Samantha, Kinesha and Joe, from a different class, were completing the same Zoo Exhibit project with an initial budget of \$15,700. In the middle of their project, they realized that they might have run into a bit of a problem in designing a budget. They estimated that 8% of their budget would go toward food, but the company they chose as their food supplier raised the initial price of their food 12%. (The information for the food supplier before the raised price is shown below.)



Premium Zoo Food Distributers

Initial Food Price (per lb.)	Sales Tax	Shipping & Handling	Food Quality
\$6	3%	\$25 for the first 25lbs or less, and then \$10 for every additional 25lbs.	Great!

- A. Joe, Kinesha, and Samantha need to purchase 160lbs of food for their animal. Was the raised food price a problem for them? Why? Be sure to show all of your work for full credit.

Samantha, Kinesha, and Joe decided to look up other food providers to see if other companies could provide better prices for them.

Company	Initial Food Price	Sales Tax	Shipping & Handling	Food Quality
Zoo Food for Less, LLC.	\$5	3.5%	\$15 for the first 25lbs or less, and then \$10 for every additional 25lbs.	Fair!
Elite Feed, LLC.	\$7	3%	\$25 for the first 20lbs or less, and then \$10 for every additional 25lbs.	Good!

- B. Based on the data that Joe, Kinesha, and Samantha found, which company would be the best choice for them to use, all factors considered. Show your work and provide justification for your answer.