

Name: Lucretia Heston Class: _____ Date: 10/10

Penny-Pinching Pretzel Company



For Current Events, Selena reported that the Premier Pretzel Company decided to make more money by quietly reducing the amount in the Family Snack Bag while selling it for the same price.

The Family Snack Bag originally contained one pound of pretzels which they reduced by 25%. They changed the weight in the fine print on the package and put more air in the bag, hoping consumers wouldn't notice.

Eventually pretzel sales went down, so the company decided to increase the quantity in the current Family Snack Bag by 25%. They printed, "Now 25% more!" on the bags, and sales picked up right away.

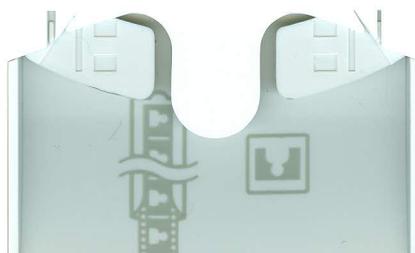
Selena reported that the consumer was still losing. She looked out at her class and saw a few puzzled looks. Students started doing some calculations to check her reasoning and hands started popping up.

Question: What is the weight of the pretzels in the new Family Snack Bag?

Bonus: The students shared their solutions with each other. Jorge solved it in pounds using decimals. Mayra converted pounds to ounces and converted the percentages to fractions. Solve it both ways. Which solution is easier using mental math? Why?

Please answer the problem on a separate piece of paper. You must include all your calculations and an explanation of how you got your answer. Your paper will be scored in the following way:

- 4 The answer is correct, you have included all your calculations, and the explanation is thorough and understandable.
- 3 The answer is correct, you have included all your calculations, but the explanation is not thorough and understandable.
- 2 The answer is missing one of the items mentioned above.
- 1 The answer is incorrect, and the explanation or calculations are poor or missing.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.



Writing Organizer for the POW

In the _____ Problem of the week. I

Date _____

Class _____

Name _____

was asked to _____ The

information I needed was _____

My first step was to _____

Next I had to _____

Now I needed to figure out _____

Finally, I figured out _____

As you can see, the solution is _____

Since my effort was a _____, I think I deserve _____

