

It pays to lose weight.

Sandwich chain Subway has announced that it will pay \$1,000 for every pound that "Biggest Loser" contestant Shay Sorrells sheds before the show's Season 9 finale in May.

According to The Huffington Post, Sorrells will also serve as a Subway spokesperson for 2010.

The 30-year-old social worker gained fame as the heaviest "Biggest Loser" ever when she weighed in at about 480 pounds at the start of Season 8. Over the course of the show, Sorrells lost 180 pounds. She hopes to lose 100 more pounds by May, mostly by eating from Subway's Fresh Fit menu.

"It was mind-blowing enough to hear [trainer] Bob say that my story inspired millions," she told the LA Times. "As a social worker, that's my goal. And then I heard him say '\$1,000 a pound.' And I thought, 'Did I hear that right?'"

Do the math...

1. Find Shay Sorrells percent decrease of body weight.
 - a. Set up a fraction using the difference/original.

 - b. Convert your fraction to a decimal, then to a percent. Check your work with a calculator.

Algebra...

2. If a certain contestant lost 80 pounds and ended up with a weight of 210 pounds, how much did the contestant weigh to begin with? (show your work!)

Name: _____

Date: _____

Class: _____

Pumpkin Palooza Percents!

Last time we found that our pumpkin seeds from “Olga” weighed 1000 grams. Now that they have dried out, they will most likely weigh less.

1. Make a prediction.

- a. How much weight do you think the pumpkin seeds lost? _____ grams
- b. About what percentage of weight do you think the seeds lost? _____%

2. Weigh the seeds as a class and record you data.

- a. Total seed weight _____ grams

3. Find the percent decrease of weight for the seeds.

- a. Set up a fraction using difference/original: _____
- b. Convert the fraction to a decimal, then to a percent. Check your work with a calculator.

Percent Decrease: _____%