Renton Technical College

Submit the correct answer to the following problem of the week before next Monday (3/1/10) at 6pm and you will be eligible to

Win $5 in "Bakery Bucks"

Problem of the Week

You have a piece of ordinary paper 0.1 mm thick. If you fold this paper in half and then in half again and then in half again and you do this 30 times how big is the new object? #1) I need an estimate of how thick the new object would be out of these selections: a) a notebook b) Seattle phone book c) a door d) a football field e) about a mile f) distance from earth to the outer atmosphere g) larger than distance in f) #2) Calculate the exact measurement using the paper thickness of 0.1 mm.

Here are the rules for submitting answers to the problem of the week and the prizes associated with winning:

- Any RTC student or employee can submit an answer.
- Answers must be submitted in writing, on a piece of paper, in person at the Math Tutoring Center no later than 6pm on Monday (3/1/10) ***(NO email submissions will be accepted).***
- Please include your name, phone number or email address on your submission so that you can be contacted if you are the winner.
- The winner will be randomly selected from all of the correct submissions.
- The winner will be notified by email or phone.
- All "Bakery Bucks" not claimed within one week will be forfeited.
- "Bakery Bucks" can only be used at the RTC Bakery.
- No change will be given on any purchases paid for with "Bakery Bucks".
- Any part of a purchase that exceeds the amount of the "Bakery Bucks" is the responsibility of the purchaser.