



Renton Technical College

Submit the correct answer to the following problem of the week before next Monday (3/22/10) at 6pm and you will be eligible to

Win \$5 in “Bakery Bucks”

Problem of the Week

A table that is circular has an area of 2826 square inches. The table opens in the middle to allow addition of leaves. Each leaf is 9 inches wide, and is rectangular in shape. How many leaves must be added to change the area of the table to 3906 square inches? Use these formulas: Area of a Rectangle = length X width, and Area of a Circle = π X radius (squared). Use $\pi = 3.14$.

- 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 (3/15/10) **(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.