



Renton Technical College

Submit the correct answer to the following problem of the week before next Monday (3/15/10) at 6pm and you will be eligible to

Win \$5 in “Bakery Bucks”

Problem of the Week

Miguel is 180 centimeters tall. At 2:00 p.m. one day, his shadow is 60 centimeters long, and the shadow of a nearby fence post is t centimeters long. In terms of t , what is the height, in centimeters, of the fence post? (Hint: This is a problem with similar triangles and ratios)

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 (3/15/10) **(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.