

Problem of the Week

Math Tutoring Center

Renton Technical College

WIN \$5.00 IN "BAKERY BUCKS"

Submit the correct answer to the following Problem of the Week before next Monday (06/06/11) at 6 PM and you will be eligible to win \$5.00 in "Bakery Bucks".

Problem of the Week:

The Goldbach Conjecture is one of the oldest unsolved problems in mathematics. This conjecture states that every even number greater than 2 can be written as the sum of two prime numbers. For example $6 = 3 + 3$ and $12 = 5 + 7$. Given the number 48, can you write all the different ways that this number can be expressed as the sum of two primes?



Here are the rules for submitting answers to the problem of the week and the prizes 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 (06/06/11) **(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 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.



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