

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 (05/23/11) at 6 PM and you will be eligible to win \$5.00 in "Bakery Bucks".

Problem of the Week:

Did you know that May 20th is the official birthday of "blue jeans"? It was on May 20, 1873 that Levi Strauss and David Jacobs received patent number 139,121 from the US Patent and Trademark Office for using rivets to strengthen the pockets of denim work pants. The rest, as they say, is history. If each of the six digits in the patent number is placed on a separate card and 2 cards are selected at random without replacement, what is the probability that the sum of the numbers on the selected cards will be an even number? Express your answer as a common fraction.



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 6 PM on Monday (05/23/11) (**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.



Renton Technical College
Math Tutoring Center
Building C (Library Building), Room C105
3000 NE 4th St
Renton, WA 98056
Email: mtc@rtc.edu