

February 20, 2008

Office hours location change.

New location:

Math Study Center - B-014 Communications

Problem 4.13

Let n be an integer between 1 and 999. If $n = abc = 100a + 10b + c$ the reverse of n is cba . Suppose that $a \neq c$. Let x be the absolute value of the difference between n and its reverse. Prove that the sum that x and its reverse is 1089.