Problem 1

(1/1 point)

Assume that positive integers A,B,C satisfy A+B=C and A,B are relatively prime. The ABC conjecture concerns

- whether each of A,B,C is a prime number or not.
- whether the sum A+B+C is a prime number or not.
- the size of the product A×B×C.
- the size of prime factors of the product A×B×C. ✔
- the remainder of ABC when we divide it by 4.

You have used 1 of 2 submissions

Problem 2

(1/1 point)

The ABC conjecture is a relatively new conjecture proposed by Joseph Oesterlé and David Masser about

- 10 years ago.
- 30 years ago. ✔
- 100 years ago.
- 300 years ago.
- 1,000 years ago.

You have used 1 of 2 submissions

PROBLEM 3

What is your favorite ABC triple? Write your favorite triple (A, B, C) on the Discussion forum. Calculate the conductor N, and write it on the Discussion forum.

Go to Discussion forum.