

Name _____

Cracking the Code: Exploring the Goldbach Conjecture

Short Answer Key

1. Christian Goldbach was a German mathematician who proposed the Goldbach Conjecture in 1742.
2. The Goldbach Conjecture states that every even integer greater than 2 can be expressed as the sum of two prime numbers.
3. Example: $28 = 5 + 23$.
4. The Goldbach Conjecture has remained unproven due to the difficulty of proving it for all even numbers, despite extensive research and computational verifications.
5. Mathematicians have attempted to verify the Goldbach Conjecture through computational methods, testing it for vast ranges of even numbers.

