

e Day

February 7, 2018

e Day celebrates the mathematical constant e , which has a value of 2.7182818. It is celebrated on February 7 in countries that follow the month/day date format. This is because the first two digits of the date (2/7) correspond to the first two digits of the constant.

Facts about e

- Also known as Euler's number, after the Swiss mathematician Leonhard Euler, e is an irrational number that represents the idea that all continually growing systems are a scaled version of a common rate. It is mostly used in logarithms, exponential growth, and complex numbers. It is one of the most important numbers in mathematics, including 0 , 1 and π (\square).
- e is also sometimes called the Napier's Constant and is often incorrectly referred to Euler's Constant
- It was first referenced during the early 17th century in a book of logarithms by John Napier. While this work referenced this constant, it didn't actually contain it. The first known use of it wouldn't come until 1690 when Gottfried Leibniz used it in correspondence to Christiaan Huygens. However, in that correspondence, the letter b was used instead of e . It wasn't until Leonhard Euler decided to use e to express this constant that it finally began to become the mathematical standard.