



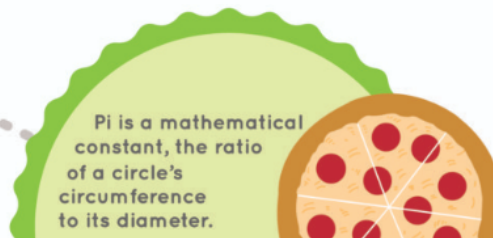
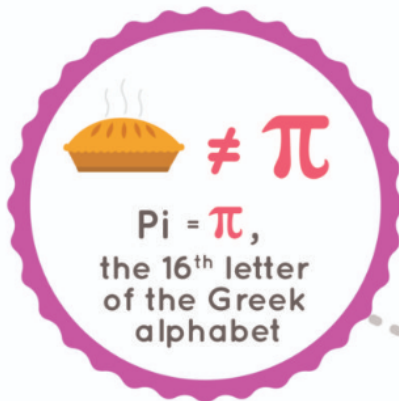
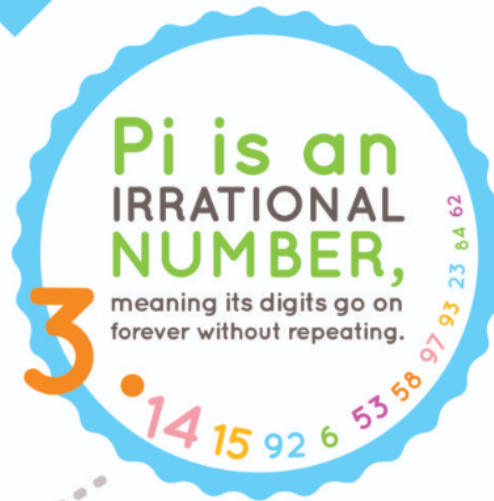
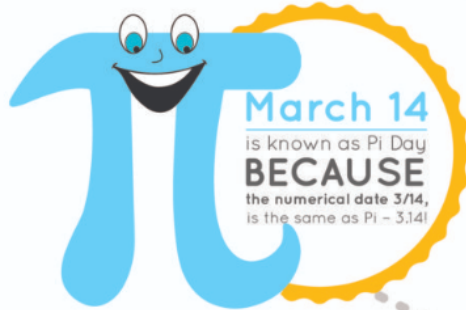
Pi Day

[Source: TH](#)

Pi Day, celebrated annually on 14th **March**, honors the **mathematical constant π (pi)**. The day also coincides with **Albert Einstein's birth anniversary (1879)** and the **death anniversary of Stephen Hawking (2018)**.

- **Significance of Pi:** It represents the ratio of a **circle's circumference to its diameter** and is an **irrational, infinite number**.
 - The **Greek letter π** was first used in 1706 by **Welsh mathematician William Jones**, inspired by the words "**periphery**" and "**perimeter**".
- **Indian's Contribution: Aryabhata** (476-550 CE), an Indian mathematician and astronomer, calculated an approximate value of **pi as 3.1416** in his work "**Aryabhatiya**."
 - The **first algorithms to calculate pi to millions of digits** were based on formulae published by **Indian mathematician Srinivasa Ramanujan in 1914**.
- **Applications of Pi:** In **mathematics and engineering**, **Pi** is essential for calculating **circle properties, wave equations, and structural designs**.
 - **Space agencies like Indian Space Research Organisation (ISRO)** use π for determining **orbital paths, satellite positioning, and spacecraft trajectories**.
 - Even in **everyday life**, π is used for the **construction of domes and bridges**, making it a fundamental constant in science and technology.

CELEBRATE PI DAY!



Read more: [Pi Day](https://www.drishtiias.com/printpdf/pi-day-1)

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