
π (π) is a mathematical constant representing the ratio of a circle's circumference to its diameter. It is an irrational number, meaning it cannot be expressed as a simple fraction and its decimal representation goes on forever without repeating. The value of π is approximately 3.14159.

π is a fundamental constant in mathematics and physics. It appears in many formulas, including the area of a circle ($A = \pi r^2$), the volume of a cylinder ($V = \pi r^2 h$), and the circumference of a circle ($C = 2\pi r$). In physics, π is used in calculations involving waves, oscillations, and circular motion.

Approximation: 3.14159