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# A.A.V. BALMIKI BASTI UNDERSTANDING PI

CIRCUMFERENCE OF CIRCLE  
DIAMETER  
CIRCUMFERENCE

Daily Uses of Pi in Life

A Brief History of  $\pi$   
The ratio of the circumference of the diameter of a circle is constant through the time known for almost 4000 years.  
 $\pi$   
It has been calculated to over one trillion digits beyond its decimal point. As an irrational and transcendental number, it will continue infinitely without repetition of pattern.  
Ancient Babylonians approximated the area of a circle by taking 1/3 times square of its radius ( $r=2$ ).

## MATHEMATICAL NEED AND IMPORTANCE OF

- Avoid dullness
- Make subject interesting
- Save time and energy

Addition Machine  
Subtraction Machine  
Calculation Wheel  
Place Value Chart

ATM Machine  
The ATM Machine is a device that allows users to withdraw money from their bank accounts without the need for a teller.

VALUE OF PI (3.14)