

IRRATIONAL NUMBERS

Numbers that cannot be expressed as a simple fraction. Their decimals go on forever without repeating.

π

Pi 3.1415926535...

The ratio of a circle's circumference to its diameter.

e

Euler's Number 2.7182818284...

The base of natural logarithms and limit of compound interest.

ϕ

The Golden Ratio 1.6180339887...

Found when the ratio of two quantities is the same as the ratio of their sum to the larger quantity.

$\sqrt{2}$

Pythagoras' Constant 1.4142135623...

The length of the diagonal across a square with sides of length 1.

Mathematics Classroom Reference Chart $\nexists$ Irrationality Property: Non-terminating & Non-recurring