

ESSENTIAL IRRATIONAL NUMBERS

Mathematical Constants & Reference Values

CONSTANT	SYMBOL	APPROXIMATE VALUE (10 DECIMAL PLACES)
Pi	π	3.1415926535
Euler's Number	e	2.7182818284
Golden Ratio	ϕ	1.6180339887
Pythagoras' Constant	$\sqrt{2}$	1.4142135623
Theodorus' Constant	$\sqrt{3}$	1.7320508075
Natural Log of 2	$\ln(2)$	0.6931471805
Omega Constant	e^{-e}	0.5671432904

Note: These decimals continue infinitely without repeating patterns.