

# HOW TO USE VIRTUAL SCIENTIFIC CALCULATOR

## HOW IT WORKS



EXAMPLE 1: Simple Arithmetic: Simply follow the sequence

To evaluate:  $50 + 45 \times 3$

Enter as follows: 50, +, 45, \*, 3, =

To evaluate:  $50 \times 45 - 2$

Enter as follows: 50, \*, 45, -, 2, =

To evaluate:  $25 \times (5 + 5)$

Enter as follows: 25, \*, (, 5, +, 5, ), =

EXAMPLE 2: To evaluate function(value), enter value followed by function

To evaluate:  $2 + \log(20) \times 5$

Enter as follows: 20, log, \*, 5, +, 2, =

To evaluate:  $\log(30) \times 5 - 7$

Enter as follows: 30, log, \*, 5, -, 7, =

To evaluate:  $\ln(25) \times 2 + 5$

Enter as follows: 25, ln, \*, 2, +, 5, =

To evaluate:  $5 + \ln(25) \times 2$

Enter as follows: 25, ln, \*, 2, +, 5, =

EXAMPLE 3: sin(Degree), cos(Degree), tan(Degree):

Select Deg

To evaluate: sin(45) or cos(45) or tan(45)

Enter as follows: 45, sin or cos or tan

To evaluate:  $\tan(45) \times 5 + 2$

Enter as follows: 45, tan, \*, 5, +, 2, =

EXAMPLE 4: yroot() value:

To evaluate: 4<sup>th</sup> root of 5

Enter as follows: 5, y√x, 4, =

EXAMPLE 5: cube() value:

To evaluate:  $56^3 \times 6 + 8$

Enter as follows: 56, X<sup>3</sup>, \*, 6, +, 8, =

EXAMPLE 6:  $\pi$  value:

To evaluate:  $5\pi$

Enter as follows: 5, \*,  $\pi$

EXAMPLE 7: cuberoot():

To evaluate: cube root(3)

Enter as follows: 3, 3√

EXAMPLE 8: square root:

To evaluate: square root(4)

Enter as follows: 4, √

EXAMPLE 9: factorial (n!)

To evaluate: factorial(5)

Enter as follows: 5, n!

To evaluate: factorial(6)\*5-2

Enter as follows: 6, n!, \*, 5, -, 2, =

EXAMPLE 10: exponential ( $e^x$ )

To evaluate:  $e^0$

Enter as follows: 0, e<sup>x</sup>

EXAMPLE 11:  $10^x$

To evaluate:  $10^{2.5}$

Enter as follows: 2.5, 10<sup>x</sup>

To evaluate:  $10^{-0.509}$

Enter as follows: 10, ^, 0.509, +/-, =

To evaluate:  $10^{-2}$

Enter as follows: 10, ^, 2, +/-, =