

# CALCULATOR OPERATION GUIDE

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# INSTALLATION

Installation is very simple.

## 1. Open terminal

Press **Ctrl** + **Alt** + **T**

## 2. In terminal

Navigate to folder where you have 'install.sh' located

Type:

```
>>> sudo sh ./install.sh
```

then when asked press:

```
>>> y
```

# USAGE

This calculator offers a variety of functions such as addition, subtraction, division, multiplication, but also more complex functions as modulo, factorial, roots and exponents.

## Clear display

Pressing the 'Clear display' key deletes all stored data

## Simple functions explanation of use

### Addition

Total sum of values combined

$[n + a]$      $n = \text{augend}$   
                   $a = \text{addend}$

### Subtraction

Represents removal of  
objects from a collection

$[n - a]$      $n = \text{minuend}$   
                   $a = \text{subtrahend}$

### Multiplication

Equivalent to adding of  $n$   
as many times as  $a$

$[n * a]$      $n = \text{multiplier}$   
                   $a = \text{multiplicand}$

## Division

Calculating the number of times $a$	$[n / a]$	$n = \text{dividend}$
is contained within $n$		$a = \text{divisor}$

## Complex function explanation of use

## Exponential

Base raised to exponent	$[n * a]$	$n = \text{base}$ $a = \text{exponent}$
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## Root

Specifying degree of root	$[ n \sqrt{ a } ]$	n = degree a = radicand
If not specified	$[ \sqrt{ a } ]$	n = 2

# Modulo

**Remainder after division**

[ n % a ]    n = dividend  
                a = divisor

## Factorial

Product of all positive integers less than or equal to n	[ n! ]
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## UNINSTALLATION

Installation is very simple.

## 1. Open terminal

Press **Ctrl** + **Alt** + **T**

## 2. In terminal

Navigate to folder where you have 'uninstall.sh' located

Type:

```
>>> sudo sh ./uninstall.sh
```

```
then when asked press:
```

>>>  $y$