# Accepted Inputs

## Numbers

1 2 3 4 5 6 7 8 9 0

## Operators

+ - / \*=

## Decimals

.

## Indices

^

## Parenthesis

()

# Rules

* Numbers can't start with a decimal

100 ✓

.100 ✗

* Numbers can't start with a zero unless a decimal follows it

0.01 ✓

001 ✗

* Parenthesis must be paired in the right order

(100+100) ✓

)100+100( ✗

* You cannot divide by zero

1\*1 ✓

1\*0 ✗

* A calculation cannot start or end with an operator - but a calculation CAN start with a + or -

+100+1 ✓

-100+1 ✓

/100+1 ✗

\*100+1 ✗

This rule applies to inside parenthesis as well.

* Two operators cannot exist in a row unless they are an operator followed by a 'negative value', or '++'

-- ✓

+- ✓

\*- ✓

\*+ ✗

-+ ✗

-- is treated as a +

++ is treated as a +

* The Order of Operations is **B**racket **I**ndices **D**ivision **M**ultiplication **A**ddition **S**ubtraction