

# COWTCHOOX

## Cowtchoox's math operators

Here is the list of math operators:

**sqrt** Alias `v/`

`?sqrt{under}`

$\sqrt{under}$

Square root.

**under** : the thing in the square root

**frac** Infix alias `/`

`?frac{up}{down}`

$\frac{up}{down}$

Horizontal fraction.

**up** : the thing over the bar

**down** : the thing under the bar

**normalfont** Alias `|`

`?normalfont{inner}`

inner

Makes inner not use math font.

**txt**

`?txt{inner}`

inner

Same as normalfont, but with additional margins.

**exponent**   Infix alias <sup>^</sup>

?exponent{before}{inner}

*before*<sup>*inner*</sup>

Exponent.

**subscript**   Infix alias <sub>-</sub>

?subscript{before}{inner}

*before*<sub>*inner*</sub>

Subscript.

**underset**   Infix alias <sub>—</sub>

?underset{middle}{down}

*middle*  
<sub>*down*</sub>

Put down under middle.

**overset**   Infix alias <sup>^^</sup>

?overset{middle}{up}

<sup>*up*</sup>  
*middle*

Put up over middle.

**comma**   Alias <sub>,</sub>

?comma

,

Properly spaced comma.

**equal**   Alias <sub>=</sub>

?equal

=

Properly spaced equal.

**minus** Alias **-**

?minus

-

A minus sign. (U+2013)

**plus** Alias **+**

?plus

+

A plus sign.

**forall**

?forall

∀

For all. (U+2200)

**exists**

?exists

∃

There exists. (U+2203)

**belongsto** Alias **€**

?belongsto

€

Belongs to. (U+2208)

**inf**

?inf

∞

Infinity. (U+221E)

**rightarrow**    Alias 

?rightarrow



Right arrow.

**leftarrow**    Alias 

?leftarrow



Left arrow. (U+2190)

**longrightarrow**    Alias 

?longrightarrow



Long right arrow.

**longleftarrow**    Alias 

?longleftarrow



Long left arrow.

**rightrightarrow**    Alias 

?rightrightarrow



Right double arrow.

**leftrightrightarrow**    Alias 

?leftrightrightarrow



Left double arrow.

**longrightrightarrow**    Alias  $\Rightarrow$

?longrightrightarrow



Long right double arrow.

**longleftdoublearrow**    Alias  $\Leftarrow$

?longleftdoublearrow



Long left double arrow.

**longleftrightarrow**    Alias  $\longleftrightarrow$

?longleftrightarrow



Long left right arrow.

**leftrightrightarrow**    Alias  $\Leftrightarrow$

?leftrightrightarrow



Left right double arrow.

**longleftrightdoublearrow**    Alias  $\longleftrightarrow$

?longleftrightdoublearrow



Long left right double arrow.

**un**

?un{inner}

inner

Underlines argument.

**simeq**

?simeq

$\approx$

Almost equal. (U+2243)

**equiv** Alias  $\sim$

?equiv

$\sim$

Equivalent / tilde operator. (U+223C)

**less** Alias  $<$

?less

$<$

Less than.

**greater** Alias  $>$

?greater

$>$

Greater than.

**leq** Alias  $\leq$

?leq

$\leq$

Less than or equal. (U+2264)

**geq** Alias  $\geq$

?geq

$\geq$

Greater than. (U+2265)

**mless**   Alias   <<

?mless

<<

Much less than. (U+226A)

**mgreater**   Alias   >>

?mgreater

>>

Much greater than. (U+226B)

**abs**

?abs{inner}

|inner|

Absolute value