

Operators and Constants

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The following operators are supported in expressions:

Operator	Name	Description	Example usage
+	Addition	Adds two numbers	5+PI (8.14159..)
-	Subtraction	Subtracts a number from another	Year () - 2000 (19)
*	Multiplication	Multiplies two numbers	4*7 (28)
/	Division	Divides a number with another	67/10 (6.7)
^	Exponent	Raises a number to a power	10^3 (1000)
%	Modulus	Remainder of division	2345%100 (45)
&	Binary AND	Binary AND	14&7 (6)
	Binary OR	Binary OR	14 7 (15)
#	Binary XOR	Binary Exclusive OR	14#7 (9)
~	Binary complement	Binary Complement	~160 (95)
>	Greater than	Logical compare	10>9 (1)
<	Less than	Logical compare	10<9 (0)
>=	Greater than or equal	Logical compare	10>=9 (1)
<=	Less than or equal	Logical compare	10<=9 (0)
==	Equal to	Logical compare	10==9 (0)
&&	Logical AND	Logical AND	10&&9 (1)
	Logical OR	Logical OR	10 9 (1)
!	Logical NOT	Logical invert	!(10==9) (1)
!!	Make boolean	Forces result to be boolean	!!8 (1)
E	10th power	Raise to 10th power	3.14E3 (3140)
PI	π	Constant Pi	PI (3.14159...)
E	e	Natural Logarithm	E (2.71828...)
? :	Conditional	(C)?(X):(Y) If C is true then X, else Y	(f(3)>100)?(f(4)):(f(5))

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<https://doc.eze.io/ezeio2/expref/operators>

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