

12 Operator precedence

When a mathematical or logical expression is being evaluated, all the operators (+, *, **DIV** etc) are given a priority of from 1 to 7. Priority 1 operators are those acted upon first, and priority 7 last.

Here is the complete list:

Priority		Operator
1	-	Unary minus
	+	Unary plus
	NOT	Logical NOT
	FN	Functions
	()	Brackets
	?!\$	Indirection operators
2	^	Raise to the power
3	*	Multiplication
	/	Division
	DIV	Integer division
	MOD	Integer remainder
4	+	Addition
	-	Subtraction
5	=	Equal to
	<>	Not equal to
	<	Less than
	>	Greater than
	<=	Less than or equal to
	>=	Greater than or equal to
6	AND	Logical and bitwise
7	OR	Logical and bitwise
	EOR	Logical and bitwise Exclusive OR

Operators with the same priority are executed left to right, as they appear in the expression. For example, **22 MOD 3/7** is evaluated as **(22 MOD 3)/7**. All priorities may be overridden by using brackets.