

Test case	Arithmetic expression	Expected result	Checked
One operator	+10	1	1
Nested operators	*+10+01	1	1
NOT (Boolean value)	+*10*1-0	1	1
NOT (Subexpression)	+ - 1 - * 1 1	0	0
NOT (Nested expression)	- * + 1 1 0	1	1
Double negation	--1	1	1
Boolean value	1	1	1

X	Y	$C = *XY$	$S = +*X - Y*-XY$
0	0	$*00=0$	$+*0-0*-00=0$
0	1	$*01=0$	$+*0-1*-01=1$
1	0	$*10=0$	$+*1-0*-10=1$
1	1	$*11=1$	$+*1-1*-11=0$