De Morgan's Laws
(How to negate your boolean expressions)

Original Expression	Negated Expression	Simplified Negation
p || q	!(p || q)	!p && !q
p && q	!(p && q)	!p || !q

While it is legit to place a ! outside parentheses to negate an expression, this is considered to be bad form because it makes it difficult for future programmers to read your code.

Keep it classy, and use De Morgan's Laws to negate your boolean expressions!